

CREIGHTON UNIVERSITY

FACULTY BIBLIOGRAPHY

2002-2003

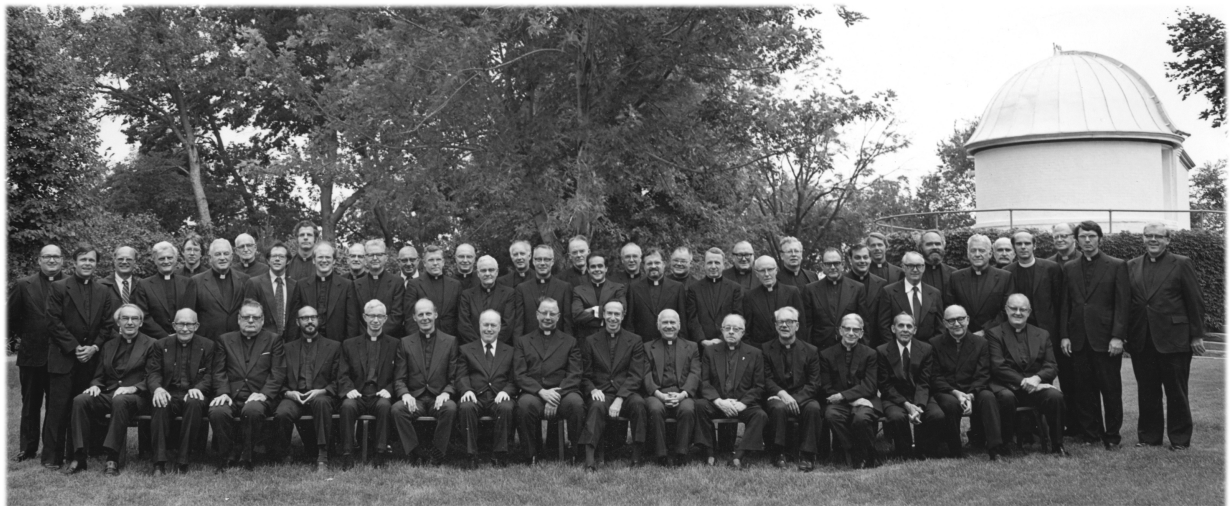
NOTE

THE FACULTY BIBLIOGRAPHY IS PRODUCED ANNUALLY BY THE CREIGHTON UNIVERSITY GRADUATE SCHOOL. THE FOLLOWING IS A COMPILATION OF THE SCHOLARLY ACCOMPLISHMENTS OF CREIGHTON FACULTY FOR THE 2002-2003 ACADEMIC YEAR. INCLUDED ARE: A) SUMMARY REPORTS SHOWCASING SOME OF THE RESEARCH ENDEAVORS TAKING PLACE IN SCHOOLS, DEPARTMENTS, AND CENTERS OF EXCELLENCE ON THE CREIGHTON CAMPUS; B) INDIVIDUAL FACULTY PUBLICATIONS; C) INDIVIDUAL FACULTY GRANTS; AND D) STUDENT DISSERTATIONS AND THESES, WITH ACKNOWLEDGMENT TO FACULTY ADVISORS.

NEW THIS YEAR ... PICTURES! IN HONOR OF THE UNIVERSITY'S 125TH ANNIVERSARY, WE ARE HIGHLIGHTING SOME OF CREIGHTON'S CURRENT AND FORMER DISTINGUISHED FACULTY MEMBERS WITH PHOTOGRAPHS FROM YEARS GONE BY. THIS COLLECTION OF IMAGES IS NOT ALL-INCLUSIVE; IT IS MERELY A SAMPLING OF THE MANY SCHOLARS WHO HAVE CONTRIBUTED TO CREIGHTON'S INTELLECTUAL LIFE THROUGH TEACHING AND RESEARCH. THERE ARE MANY, MANY FACULTY MEMBERS WHO DESERVE OUR RECOGNITION AND APPRECIATION BUT WHOSE PICTURES DO NOT APPEAR HERE.

CREIGHTON UNIVERSITY
GRADUATE SCHOOL
2500 CALIFORNIA PLAZA
OMAHA, NE 68178
(402) 280-2870

<http://www.creighton.edu/GradSchool/Webs/index.htm>

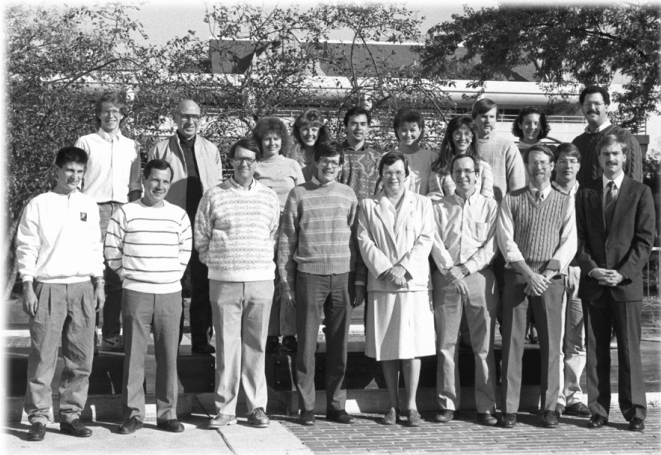


CREIGHTON UNIVERSITY JESUIT COMMUNITY, CIRCA 1979

TABLE OF CONTENTS

NOTE	2
TABLE OF CONTENTS	3
LIST OF ILLUSTRATIONS	5
CREIGHTON RESEARCH ENDEAVORS	7
BIOMEDICAL SCIENCES	7
RESEARCH OVERVIEW	7
SKIN CANCER	7
COMPARATIVE ION TRANSPORT	7
AIRWAY HYPERRESPONSIVENESS	8
CARDIAC DEVELOPMENT	8
CIRCADIAN RHYTHMS	8
EAR DEVELOPMENT	8
HEARING LOSS	9
BIOPHYSICS OF COCHLEAR HAIR CELLS	9
DEVELOPMENT OF COCHLEAR HAIR CELLS	9
CONTROL OF GENE EXPRESSION	10
MOLECULAR GENETICS OF HEREDITARY CANCERS	10
ENGINEERING RNA CATALYSTS	10
OSTEOPOROSIS	10
CELL MECHANICS	11
REGULATORY PEPTIDES	11
STRUCTURAL BIOINFORMATICS AND PROTEOMICS	12
PROTEIN PROCESSING	12
BIOIMAGING	12
CANCER	12
RESEARCHERS	13
FAMILY MEDICINE	14
FINE & PERFORMING ARTS	14
HEALTH POLICY & ETHICS	15
MEDICAL MICROBIOLOGY & IMMUNOLOGY	16
RESEARCH OVERVIEW	16
INFECTIOUS DISEASE	17
CENTER FOR RESEARCH IN ANTI-INFECTIVES & BIOTECHNOLOGY (CRAB)	17
FLOW CYTOMETRY CORE FACILITY	17
CANCER CENTER	18
IMMUNOLOGY RESEARCH	18
MEDICINE	19
ALLERGY & IMMUNOLOGY	19
CARDIOLOGY	20
OSTEOPOROSIS	23
PHARMACOLOGY	25
PHARMACY & HEALTH PROFESSIONS	26
THE SCHOLARSHIP OF TEACHING, LEARNING AND ASSESSMENT	26
THE SCHOLARSHIP OF SERVICE	26
OUTCOMES RESEARCH	26
BASIC SCIENCE RESEARCH	27
CLINICAL RESEARCH	27
RESEARCH FUNDING	27
PHYSICS	27
PSYCHIATRY	29

PUBLICATIONS	31
COLLEGE OF ARTS & SCIENCES	31
COLLEGE OF BUSINESS ADMINISTRATION	44
SCHOOL OF DENTISTRY	49
SCHOOL OF LAW	49
SCHOOL OF MEDICINE	53
SCHOOL OF NURSING	79
SCHOOL OF PHARMACY & HEALTH PROFESSIONS	80
 GRANTS	 86
COLLEGE OF ARTS & SCIENCES	86
COLLEGE OF BUSINESS ADMINISTRATION	88
SCHOOL OF DENTISTRY	88
SCHOOL OF LAW	89
SCHOOL OF MEDICINE	89
SCHOOL OF NURSING	110
SCHOOL OF PHARMACY & HEALTH PROFESSIONS	110
 THESES & DISSERTATIONS	 114
AUGUST 2002	114
DECEMBER 2002	114
MAY 2003	114
 INDEX	 116



BIOLOGY DEPARTMENT, CIRCA 1988

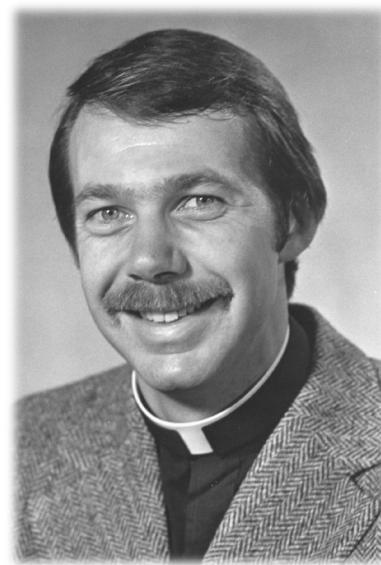


REV. DON DOLL, S.J. —
FINE ARTS & JOURNALISM

LIST OF ILLUSTRATIONS

CREIGHTON UNIVERSITY JESUIT COMMUNITY, CIRCA 1979	2
REV. DON DOLL, S.J.	4
BIOLOGY DEPARTMENT, CIRCA 1988	4
REV. JOHN SCHLEGEL, S.J.	5
REV. CLARENCE "CLANCY" WAGENER, S.J., CHRISTOPHER KENNEY, & ALLEN SCHLESINGER	6
IBERT WELLS	7
BERND FRITZSCH	9
ARTHUR FISHKIN	11
HENRY LYNCH & THE HEREDITARY CANCER RESEARCH TEAM	13
JAMES MAILLIARD	13
JEROME HORNING	14
AMY HADDAD	15
WINIFRED PINCH	16
MATTHEW SEVERIN	17
EUGENE & CHRISITINE SANDERS	18
FRANK FERRARO	18
ROBERT TOWNLEY & TRIPHON VLAGOPOULOS	19
MICHAEL DEL CORE & MICHAEL SKETCH	20
SYED MOHIUDDIN	21
DENNIS ESTERBROOK	22
THOMAS SKILLMAN & ROBERT HEANEY	23
WILLIAM PETTINGER	25
WAYNE YOUNG	26
SEBASTIAN PIRRUCCELLO	27
REV. JOHN SCOTT, S.J.	28
BAZIL LAZURE & REV. WALTER LUEBKE, S.J.	28
THOMAS ZEPF	29
BEVERLY MEAD	29
EMMET KENNEY	30
REV. CLARENCE "CLANCY" WAGENER, S.J., & REV. THOMAS McSHANE, S.J.	31
REV. RICHARD MCGLOIN, S.J.	32
ROSS HORNING	33
MICHAEL SUNDERMEIER	34

BETTE NOVIT EVANS	35
NANCY FOGARTY	36
CHARLES HARPER	37
BRUCE MALINA	38
THOMAS KUHLMAN	39
MICHAEL LAWLER	40
ASHTON WELCH	41
EDWARD O'CONNOR	42
REV. RICHARD HAUSER, S.J.	43
DAVID HABERMAN	44
REV. NEIL CAHILL, S.J.	44
SALVATORE VALENTINO	45
THOMAS NITSCH	46
ANDREW HOH	47
FLOYD WALSH	48
CHARLES VACANTI	49
RODNEY SHKOLNICK	50
JAMES DOYLE & RON VOLKMER	51
RICHARD SHUGRUE	52
RICHARD EGAN & REV. CARL REINERT, S.J.	53
MARY JANET BARGER-LUX	54



REV. JOHN SCHLEGEL, S.J. —
POLITICAL SCIENCE

FREDERICK GILLICK & JAMES KELLY	55
ARYAN MOOS	57
WILLIAM DOSSEL	59
CLAUDE ORGAN	61
ROBERT HEANEY	63
VINCENT RUNCO	65
JOHN BAUMSTARK	67
FRANK IWERSEN	69
MATILDA MCINTIRE	71
ROBERT RECKER	72
MAURICE STEINBERG	73
JAMES MANION	75
ARNOLD LEMPKA	77
HAROLD STRUCK	78
DOROTHY VOSSEN	79
SHEILA RYAN	79
SALVATORE GRECO	81
MICHAEL MONAGHAN	83
JAMES CRAMPTON	84
ANN LANGLEY CZERWINSKI	85
ALLEN SCHLESINGER	86
ROBERT SNIPP	87
FRED RICHARDSON	88
EMERY LA PORTE & ROBERT VINING	88
JOSEPH HOLTHAUS	89
JOHN SHEEHAN	91

ELSIE GOODFELLOW	93
FRED PETTID	95
EDWARD GRINNELL & RICHARD WEBBER	97
JULIAN BAUMEL	99
THEODORE PFUNDT & MAURICE GRIER	101
RICHARD ANDREWS	103
TOM HEE	105
D. ARNOLD DOWELL & JAMES F. KELLY	107
FLETCHER MILLER	109
STEPHANIE STOCKARD SPELIC	110
TULLY SPEAKER	110
DANIEL HILLEMANN	111
MICHAEL MAKOID	112
PAUL SORRENTINO, HANS LASS, & JOSEPH KUPCEK	113
MARLENE TULLY	113
FRANK AYERS	113
REV. MARTIN VASKE, S.J.	113
CONRAD MARQUARD	114
JOHN KRAGER, PAUL TAMISIEA, & WILLIAM HOLTHAUS	115
ASSORTED CU FACULTY & ADMINISTRATORS	115
REV. MICHAEL G. MORRISON, S.J.	116
GORDON BERQUIST	116
PHYSICS CLUB	117
SHEILA CICIULLA	118
ROLAND SANTONI	118
HOWARD BACHMAN	119
REV. RICHARD HARRINGTON, S.J.	120
GUY BANVILLE	120
REV. BERNARD HASBROUCH, S.J.	120



REV. CLARENCE "CLANCY" WAGENER, S.J. —
PHYSICS, CHRISTOPHER KENNEY — CHEMISTRY,
& ALLEN SCHLESINGER — BIOLOGY

CREIGHTON RESEARCH ENDEAVORS

BIOMEDICAL SCIENCES

RESEARCH OVERVIEW

Some examples of the wide variety of research specialties of the faculty are: design and chemical synthesis of analogs of regulatory peptides; the role of peptides in the regulation of gastrointestinal and cardiovascular functions and of bone growth and development; the molecular evolution of peptide hormones; the role of proteolytic enzymes in the biosynthesis of peptide hormones; nucleic acid catalysis and molecular engineering; the molecular biology of collagen synthesis; the regulation of gene expression and molecular diagnostics; the cellular and genetic basis for differentiation of the brain, inner ear, and cardiovascular system; comparative neuroanatomy; cellular mechanics; intracellular electrophysiology and respiratory mechanics and control.

The research is supported by facilities, including cores for bioimaging, structural bioinformatics, proteomics, genomics, and molecular diagnostics. The department encourages collaborative research interaction with faculty in the Departments of *Pharmacology, Medicine, and Surgery*; the *Osteoporosis Research Center*; the *Boys Town National Research Hospital*; and the *Veterans Administration Hospital*.

SKIN CANCER

The largest organ in the body, the skin, functions as a major sensory organ and to protect the body from exogenous insults. Our research is examining the role of a family of receptor tyrosine kinases in the skin during development and in skin carcinogenesis in response to solar radiation. Members of this receptor tyrosine kinase family include the epidermal growth factor receptor and erbB2/neu regulate cell survival, migration and proliferation. We are investigating the mechanisms of non-melanoma skin cancer development by focusing on the role of erbB2 and the epidermal growth factor receptor in this process. Since non-melanoma skin cancer is the most common form of cancer in the United States, with more than one million new cases diagnosed per year nationwide, this research may have important implications for human health.

Faculty: Laura Hansen

COMPARATIVE ION TRANSPORT

Research on the ion transport mechanisms that underlie the adaptation of organisms to their environment focuses on the role and regulation of the sodium/hydrogen exchange proteins in yellow fever mosquitoes and the sodium/potassium ATPase in Antarctic fish. Both projects are aimed at identifying the mechanisms of ion transport responsible for the adaptation, including physiological, biochemical, and anatomical measurements, regulation of the ion transport mechanisms by primary and secondary messengers, including analysis of intracellular cAMP, calcium and pH and molecular basis for the regulation



IBERT WELLS — BIOMEDICAL SCIENCES

the ion transporter of interest, including cloning and sequencing of cDNA, mRNA, and protein expression studies.

Faculty: David Petzel

AIRWAY HYPERRESPONSIVENESS

Research on mechanisms on airway hyperirritability is focused on whether C-fiber endings in reactive airways become hyperirritable, using single nerve fiber monitoring of sensory receptors in airway and parenchyma of small animals. The involvement of neuropeptides in the response of the hyperirritable airway is examined using whole animal nerve recording *in vivo* and tracheal smooth muscle strips. The pulmonary research also includes pharmacological evaluation of possible therapeutic agents for asthma using whole-body plethysmograph, isolated airway smooth muscle preparations to measure the protection and reversal of airway mediator induced contraction. Changes in reflex control of ventilation and pulmonary sensory receptors of the airway and lung parenchyma during the progression of disease of the lung are also studied.

Faculty: Dale Bergren

CARDIAC DEVELOPMENT

Congenital heart defects are the most common life-threatening birth defect, and many times are accompanied by craniofacial anomalies. In this department, investigators are studying the role of cell-cell and cell-extracellular matrix interactions during normal craniofacial and cardiac development, particularly in regard to cell-surface and extracellular proteases in neural crest morphogenesis and migration (cells pivotal in the development of both the face and heart).

Studies using *in situ* hybridization, immunocytochemistry, enzyme assays, and time-lapse imaging show that growth factors, proteases, and protease inhibitors are important overseers of neural crest cell migration. Moreover, metabolic derivatives of vitamin A are capable of mediating neural crest cell migration and proteolytic activity. Biomedical Science researchers, in collaboration with investigators at the University of Nebraska Medical Center, are also investigating the effects of elevated homocysteine on neural crest morphogenesis and elucidating the mechanisms responsible for folic acid's protective effect on cardiovascular and craniofacial development. In order to develop preventative strategies for congenital defects, we must understand the mechanisms driving neural crest and cardiac morphogenesis and how nutritional elements are involved. These studies also enhance our understanding of adult diseases because many diseases have etiological elements of embryologic origin.

Faculty: Phillip Brauer

CIRCADIAN RHYTHMS

Our daily rhythms of sleep and wakefulness are driven and regulated by two small nuclei in the hypothalamus, the suprachiasmatic nuclei. In a brain slice preparation, we are now investigating the cellular mechanisms of circadian rhythm regulation and how circadian rhythms are modulated by the brain hormone melatonin.

Faculty: Richard Hallworth

EAR DEVELOPMENT

The inner ear contains two important sensory modalities, the vestibular system for orientation in space and the auditory system for hearing. Progress in recent years has been dramatic regarding the molecular governance of ear development, the pathways of innervation in this organ, and the genetics of

hearing-related disorders. Our research focuses on mouse mutations that cause developmental ear defects and those that affect either the formation or the maintenance of sensory neurons in the hearing or vestibular systems. This research will enable us to understand the molecular machinery that makes and brakes ear formation, especially the innervation. In a parallel avenue, we are investigating the activity-dependent connective dynamics. For this we make use of micro- and hypergravity exposure as well as several neurotrophin mutant mice with altered connections. This research is conducted in collaboration with Boys Town National Research Hospital, Millennium, Regeneron, and various universities. It is funded by NASA and NIDCD.

Faculty: Laura Bruce, Bernd Fritzs

HEARING LOSS

Hair cells are the essential first step in hearing, and damage to hair cells is the cause of age-related and traumatic hearing loss. In work funded by the National Institutes of Health, the basic science of hair cells and the mechanisms underlying their loss are being studied, with a view to finding rescue and repair methods. This work is being pursued in collaboration with investigators at Boys Town National Research Hospital, Harvard University, Baylor College of Medicine, St. Jude's Hospital in Memphis, University of Colorado at Boulder, University of Texas at Austin, University of Texas Health Science Center at San Antonio, University of Maryland, Oregon Health Sciences University, and Boston University.

Faculty: Bernd Fritzs, Richard Hallworth

BIOPHYSICS OF COCHLEAR HAIR CELLS

The outer hair cell (OHC) is one of two kinds of receptor cells in the inner ear, and plays a critical role in mammalian hearing. OHCs enhance basilar membrane motion through a local mechanical feedback process within the cochlea, termed the "cochlear amplifier." It is generally believed that the basis of cochlear amplification is a voltage-dependent somatic length change of OHCs. In this scheme, receptor potentials produced by transducer current in response to acoustic stimulation provide the input to the cell's motor activity. Consequently, the OHC is thought to perform two transducer functions, a conventional mechano-electrical or forward transduction in the stereocilia, and a specialized electromechanical or reverse transduction in the basolateral membrane. Funded by the NIDCD, research in the laboratory focuses on the two transduction processes in OHCs. Recordings are made from isolated hair cells, cultured hair cell preparations, and hemicochlea, in conjunction with molecular, morphological, and other novel techniques to investigate properties of these cells and their roles in cochlear function in mammals. The research is conducted in collaboration with Northwestern University, Harvard University, NIDCD, and St. Jude Children's Research Hospital.

Faculty: David Z. Z. He

DEVELOPMENT OF COCHLEAR HAIR CELLS

One of the central questions in developmental neurobiology of the sensory systems is how the receptor cells develop and whether their development is regulated by innervation. Research in the laboratory focuses on the development of cochlear hair cells. Specifically, we want to determine when somatic motility, membrane conductances, and ACh receptor of outer hair cells develop. Recordings are made from solitary hair cells isolated from developing animals. Tissue culture technique has also been used to address



BERND FRITZSCH — BIOMEDICAL SCIENCES

the question of whether the maturation of hair cells is regulated by innervation. The research is funded by the NIDCD.

Faculty: David Z. Z. He

CONTROL OF GENE EXPRESSION

This research is centered on the developmental regulation of hemoglobin gene expression with correlative gene therapy approaches. The mechanism by which transcriptional regulatory proteins are involved in switching the various hemoglobin genes on and off at different stages of development is being studied. The results from these investigations will contribute to knowledge of red cell maturation and disease states which result from gene defects. New gene therapy vectors which are erythrocyte specific and use endogenous retrotransposons, which are expressed in red blood cells, are being developed. This is a novel gene therapy approach to genes in target cells, which have long-term expression capabilities as well as tissue specificity.

Faculty: Joseph Knezetic

MOLECULAR GENETICS OF HEREDITARY CANCERS

This research is focused on finding mutations at the DNA sequencing level for various hereditary cancer patient families. Studies so far have shown that each family has unique mutations causing the cancers. The laboratory facilities used for the work have been developed into a *Molecular Diagnostic Laboratory* which is fully accredited by the *Clinical Laboratory Improvement Amendments (CLIA)* and certified by the *College of American Pathologists (CAP)*. This laboratory examines patient DNA samples for known mutations in each family and provides reports for subsequent genetic counseling. WAVE - dhplc technology and CHIP instrumentation is being used to assay for new mutations in families where the original causative mutation has yet to be determined.

Faculty: Joseph Knezetic

ENGINEERING RNA CATALYSTS

This research is focused on development of controllable RNA catalysts as genetic regulatory switches and cellular biosensors. These catalysts, termed allosteric ribozymes, require the binding of specific effector molecules to elicit activity and are generated using rational design and *in vitro* evolution strategies. The ability of allosterically self-cleaving ribozymes and self-splicing introns to regulate gene expression is of particular interest. Toward this goal, model systems for yeast and mammalian cells are presently being developed. Moreover, such catalysts afford a unique opportunity to investigate the structural dynamics of RNA folding and ligand interaction.

Faculty: Garrett Soukup

OSTEOPOROSIS

Collaboration between Creighton faculty in the Departments of Biomedical Sciences and Internal Medicine focuses on osteoporosis and the cellular basis of how skeletal mass is achieved and maintained: bone mass changes in response to varying loads - disuse reduces and heavy use increases bone density; how loads placed on the skeleton are detected and converted into biological signals that affect the balance between bone formation and resorption is not understood. Studies currently underway use bromodeoxyuridine to characterize the proliferation and differentiation of osteoprogenitor cells in response to biomechanical loading in adult rats. The role of prostaglandin E_2 (PGE_2) as a local mediator of load-induced bone formation is also being evaluated. Another project is designed to elucidate how smoking

tobacco reduces bone mass and increases the risk for osteoporosis. This project combines an assessment of bone structure, strength, and cell function using *in vivo* and *in vitro* models.

Faculty: John Yee

CELL MECHANICS

It has long been known, but not widely appreciated, that light exerts force on living tissue. Intense laser light can be harnessed to produce a novel method, called the optical stretcher, for the measurement of the mechanical properties of single cells. In a joint project of the Department of Biomedical Sciences, the Osteoporosis Research Center, and Creighton University Physics Department, an optical stretcher facility will be constructed in the Department of Biomedical Sciences in the coming year. Initial studies will address the mechanics of hair cells of the inner ear, the mechanism by which bone density is regulated by osteocytes, and the mechanisms underlying photodynamic therapies. This work is being pursued in collaboration with the University of Texas at Austin and the University of Leipzig, Germany.

Faculty: Richard Hallworth

REGULATORY PEPTIDES

Structure-activity relationships of selected regulatory peptides are examined using synthetic peptide chemistry, physical, chemical and computerized theoretical analysis of conformation and biological characterization of activity.

- ◇ Studies on the interactions of antimicrobial peptides with the chaperone protein DnAK, using MD simulations, revealed the interaction site on the protein and a possible basis for antimicrobial action and design of new peptide-based antibiotics.

Faculty: Sándor Lovas

- ◇ Studies of gastrin and gastrin gene-products are focused on their significance in colonic cancer and on a novel receptor for carboxymethyl gastrin which mediates promotion of growth of the cancer cells.

Faculty: Sándor Lovas, Richard F. Murphy

- ◇ Studies of variants and derivatives of gonadotrophin releasing hormone variant, GnRH III, have led to development of a conjugate of the peptide with a synthetic polymer. This suppresses growth of cancers, including breast and colonic, which have receptors for the hormone. The technology is being optimized for therapeutic application.

Faculty: Sándor Lovas, Richard F. Murphy

- ◇ Studies of the EGF-TGF α family of peptides revealed the importance of domain movement by hinge bonding and the discrete biological activity of a B-loop partial structure which may have a novel receptor requirement.

Faculty: Sándor Lovas, Richard F. Murphy

- ◇ Studies of the vasodilatory neuropeptide, calcitonin gene-related peptide (CGRP) have led to the



ARTHUR FISHKIN —
BIOMEDICAL SCIENCES

development of the most potent, peptide-based, CGRP antagonists reported to date. These will be useful for determining the physiological role of CGRP and the design of therapeutics for treatment of hypertension and migraine.

Faculty: D. David Smith

STRUCTURAL BIOINFORMATICS AND PROTEOMICS

Eighteen Alpha cpu-based and 80 Athlon cpu-based clusters are used to study conformational properties of peptides proteins and the effect of weakly polar interactions on peptide and protein structures, by Molecular Dynamics simulations, bioinformatics and by high level quantum chemical calculations.

Faculty: Sándor Lovas, Richard F. Murphy

PROTEIN PROCESSING

Communication between cells of the nervous, endocrine, and immune systems is frequently conducted through biologically active peptides. Many of these peptides are initially synthesized as larger, inactive propeptides which are subsequently cleaved by extremely specific endoproteases. The structural basis for this specificity is unknown. We are presently examining the processing of proinsulin and proglucagon by the converting enzymes PC1 and PC2, in an attempt to uncover clues to the specificity of substrate recognition. The ultimate goal of this work is to describe, at the molecular level, those interactions for the differential processing of peptide hormones.

Faculty: Robert Mackin

BIOIMAGING

The Center for Advanced Imaging in the Department of Biomedical Sciences this year obtained a Bio-Rad confocal microscope. Investigators in the department and other departments of the Medical School, and from Boys Town National Research Hospital, are using the instrument to extend their knowledge of the inner workings of cells.

Faculty: Bernd Fritsch, Richard Hallworth

See Biomedical Sciences webpage for additional information about the department's current research activities: <http://www.biomedsci.creighton.edu/research/areas.html>

CANCER

The Creighton University Medical Center – Cancer Center (CUMC-CC) was established in the summer of 2002 with the recruitment of Dr. Brian W. Loggie as Cancer Center Director and Chief of Surgical Oncology after a national search. The main goals of CUMC-CC are: (1) to cover basic cancer services, develop areas of excellence or distinction, and provide specialty niches of care not currently provided in the Omaha metro and region, and (2) to establish premier programs in **basic research** (where scientists learn about basic cellular events in cancer), **translational research** (which moves science to the bedside and identifies clinical problems to take back to the laboratory), and **clinical research** (where new therapies are made available in a system of ongoing study, oversight, and review).

The theme of the basic and translational research at CUMC-CC is signal transduction also known as molecular signaling. In a short period of time, the CUMC-CC has established a state of the art Molecular Biology and Immunohistochemistry laboratories. The research at CUMC-CC is fully supported by funding from NIH, DoD, ACS and Cancer and Smoking Disease Research Programs (LB595 and LB692).

RESEARCHERS

The basic science faculty of CUMC-CC consists of Zafar Nawaz, PhD, Zhao-yi Wang, PhD, Venkatesh Govindarajan, PhD and clinical faculty consists of Brian Loggie, MD and Edibaldo Silva, PhD, MD. Currently, the laboratory fully supports six post-doctoral fellows and two laboratory technicians.

Brian Loggie, MD, joined CUMC-CC as a Professor of Surgery, Chief of Surgical Oncology and Director of CUMC-CC. Dr. Loggie has established a center for the treatment of peritoneal neoplastic disease. Patients from over forty states have been evaluated and treated at CUMC-CC for a variety of conditions including pseudomyxoma peritonei (PMP), peritoneal carcinomatosis, appendix cancer, and peritoneal mesothelioma. Translational research at CUMC-CC has already lead to national and international presentations. Dr. Loggie has broad clinical experience in surgical oncology and in clinical and translational research in cancer.

Edibaldo Silva, PhD, MD, joined CUMC-CC as Associate Professor of Surgery, and is the Program Director for the Comprehensive Breast Clinic and the Skin Cancer & Melanoma Clinic. Additional areas of expertise are in gastrointestinal malignancy, pancreatic cancer, sarcoma, thyroid and parotid tumors.



JAMES MAILLIARD —
ONCOLOGY

Zafar Nawaz, PhD, joined CUMC-CC as an Associate Professor of Surgery and Director of CUMC-CC Molecular and Cancer Biology Laboratory. He is a renowned expert in estrogen receptor function. Dr. Nawaz is studying signal transduction and cell processes of tumor growth in breast, prostate, lung and colon cancer.

Zhao-yi (Charlie) Wang, PhD joined CUMC-CC as Associate Professor of Surgery. Dr. Wang is studying the molecular and cellular mechanisms underlying estrogen-stimulated mammary tumorigenesis and breast cancer progression. Dr. Wang has been studying the roles of tumor suppressors such as BRCA1 and WT1, and RbAp46, a novel gene he identified, in early development of human breast cancer using an xenograft model.

Venkatesh Govindarajan, PhD joins CUMC-CC as an Assistant Professor of Surgery in February 2004. Dr. Govindarajan is a developmental biologist who will bring knowledge of fundamental developmental pathways to problems in cancer biology.



HENRY LYNCH & THE HEREDITARY CANCER RESEARCH
TEAM, INCLUDING ANN KRUSH, JANE LYNCH,
& REV. EDWARD SHARP, S.J.

The *Hereditary Cancer Institute*, under the direction of Henry Lynch, MD, leads Creighton University into cancer genetics. This research has led to the identification of several hereditary cancer syndromes, including hereditary colorectal nonpolyposis cancer (HNPCC), also known as the Lynch syndrome.

James A. Mailliard, MD directs Creighton's efforts in clinical trials in collaboration with Peter Silberstein, MD as part of a Nebraska/Iowa consortium (the Missouri Valley Cancer Consortium, or MVCC), through a grant supported by the U.S. Department of Health and Human Services' Community Clinical Oncology Program (CCOP).

FAMILY MEDICINE

The Department of Family Medicine seeks to promote research and publication in the vital areas of primary care, population based-medicine, and holistic health. In addition, Department members are frequently requested to perform academic book reviews on topics of importance to community primary care physicians. Despite an intensive clinical and teaching load, our faculty continues the Department's proud tradition of research and publication, with our work receiving citations throughout the country.

FINE & PERFORMING ARTS

Members of the *Department of Fine and Performing Arts* extend the concept of teacher-scholar to incorporate the role of artist. Faculty members pursue activity in each of these areas, with regional, national, and international recognition.

Notable artistic achievement within the visual arts is witnessed by invited participation at regional and national exhibitions as well as the inclusion of work in various museum and gallery acquisitions. Current faculty projects include the presentation of visual images associated with Wounded Knee, development of a metaphysical/environmental approach to landscape painting, as well as numerous significant commissions of two- and three-dimensional pieces. Additionally, faculty are engaged in three-dimensional portrayals of the human figure in metal, photographic imaging in 19th century historical techniques (e.g. platinum, palladium, iron and silver salts), glass-casting, print making, ceramics, and visual imaging made possible through emerging technologies. Faculty routinely supervise student exhibitions throughout the area and encourage student participation in local, regional, and national professional artistic organizations.



JEROME HORNING — FINE ARTS

Performing artists are active in dance, theatre, and music. Among recent faculty achievements are dramatic appearances at a variety of venues, including award-winning roles on Omaha stages in the areas of musical theatre, comedy, and drama. Work

associated with costuming, make-up design, and technical theatre has been critically acclaimed in productions throughout the region. During the past year, music faculty have appeared with numerous organizations, including Opera Omaha, the Omaha Symphony (in both solo and ensemble roles), and Mannheim Steamroller. Music faculty have appeared internationally, enjoying concert venues from Europe to South America. Additionally, most performing artists annually direct, conduct, and supervise student productions, concerts, and recitals. Adding to the department's complete collection of Javanese court gamelan instruments, unique within the state of Nebraska, will soon be the first set of Surinamese gamelan instruments found in the United States.

Scholarly work includes traditional academic research as well as arts-specific activity. Music faculty annually prepare articles for professional journals and conferences, with recent work involving the first scholarly study of Surinamese gamelan. Additionally, music faculty are engaged in the production of pedagogical texts as well as the production of music appropriate to graded dance curricula. Dance faculty are not just highly sought performers but choreographers and pedagogues as well, with countless appearances and works evidenced throughout the nation. Theatre faculty projects include direction, video production, and the development of a large-scale stage work based on the travels of Lewis and Clark. This latter project is a collaborative effort, involving both theatre and music faculty. Art historians are engaged in ongoing research with the Jesuit Church of Quito (Ecuador), large format photography, and the preparation of a book exploring the career and classic work of photographer Brett Weston. Additionally, research associated with the University Gallery has resulted in the selection and presentation of exhibits routinely reviewed by regional critics.

Departmental faculty are committed to sharing their work and craft as artists within various educational settings. Professional activity for departmental members includes participation as jurors, reviewers, judges, clinicians, and presenters for local, regional, and national arts councils, workshops, evaluations, and conferences. The artist-faculty of Fine and Performing Arts believe their work is best described by the departmental mission statement: "We believe in the value of the arts as the voice of the human soul. The arts educate, communicate, and inspire us to know more about ourselves, each other, and our place in creation. We believe in the unity of the arts and in the crucial role of arts in education."

HEALTH POLICY & ETHICS

The *Center for Health Policy and Ethics* is comprised of a multidisciplinary group of scholars dedicated to the study and teaching of ethical dimensions of health care and health policy. Scholarship at the Center for Health Policy and Ethics responds to the challenge of ethical issues raised by the health care system, patient care, and public health. The multidisciplinary nature of the Center for Health Policy and Ethics encourages a variety of perspectives and resources for topics of scholarly inquiry, conceptual analysis, and discussion. The research interests of the faculty of the center reflect the stereoscopic vision implied in its name – the ethics of both health policy and health care. Global topics of public policy as well as the traditional details of clinical decision making are addressed.

Areas of sustained research are: (1) ethical issues at the end of life, palliative care and chronicity; and (2) issues of justice. Scholarly



AMY HADDAD —
HEALTH POLICY & ETHICS



WINIFRED PINCH —
HEALTH POLICY & ETHICS

products of the center have included: guidelines for confidentiality in pediatric AIDS, contributions to the second and third editions of the field's standard encyclopedia, analyses of values at stake in managed care, health care reform, ethical and legal aspects of home care and hospice, and materials related to the scholarship of teaching and learning in ethics in all of the health sciences represented on the Creighton campus.

One notable project during the past year was the preparation of an edited book entitled *Ethical Foundations of Care for Alzheimer's Disease: U.S. and European Perspectives* (Ruth Purtilo, Ph.D. and Henk ten Have, Ph.D., editors), about to be released by Johns Hopkins University Press. It represents one product of a multi-disciplinary international scholars invited conference convened by the Center in 2001. The organization and contributions involved all members of the Center for Health Policy and Ethics. The book focuses on the economic, clinical, and ethical and social challenges in the treatment of Alzheimer's disease globally.

Issues of health policy and ethics will continue to demand scholarly inquiry as well as public attention. Critical concerns about ethics education will require closer examination of student learning and outcomes. The health care system will continue to evolve, and these changes will inevitably lead to new moral considerations. Faculty at the center will continue to make important contributions in this challenging arena as they have done significantly in the past.

For additional information about the Center for Health Policy and Ethics, visit the center's webpage at: <http://chpe.creighton.edu>

MEDICAL MICROBIOLOGY & IMMUNOLOGY

RESEARCH OVERVIEW

The *Department of Medical Microbiology and Immunology* consists of thirteen PhDs and four MDs with primary appointments and six PhDs and four MDs with secondary appointments. The department is multi-institutional, encompassing the Creighton University Medical Center (CUMC), the University of Nebraska Medical Center (UNMC), Children's Hospital, and the Veterans Administration Medical Center (VAMC).

The research programs of the department are multi-disciplinary, with expertise in a variety of areas broadly related to medical microbiology and immunology. In addition, collaboration with faculty of other departments within Creighton University School of Medicine, the Veterans Administration Hospital, the University of Nebraska at Lincoln, and the University of Nebraska Medical Center provides an opportunity for innovative research opportunities and supports an integrated graduate program. These collaborative efforts include research in the general areas of antimicrobial agents and chemotherapy, molecular biology, genetics, immunology, microbial toxins, virology, bacterial pathogenesis, diagnostic and clinical microbiology, adult infectious diseases, epidemiology, microbial physiology, and nosocomial infections. The range of research interests extends from clinical trials to test the efficacy of

antimicrobial agents to the basic aspects of cellular and subcellular microbiology. The diversity of faculty research interests and scientific pursuits, including a listing of publications and research grants in progress, is summarized in the individual faculty bibliographies.

Major areas of emphasis within the department include:

INFECTIOUS DISEASE

Overall, the Infectious Disease Division provides clinical services in four broad areas: clinical infectious disease consultations, laboratory management, infection control services, and advisory support to public health agencies and organizations. Patient consultations are provided by the adult disease services at several regional hospitals. The adult service is under the direction of Laurel Preheim, M.D. and provides all adult (nineteen years and older) inpatient and outpatient consultations at the Creighton University Medical Center and the Veterans Administration Medical Center-Omaha. Members of the department provide consultation in infectious disease at each of these institutions.

Faculty: Marvin Bittner, M.D., David Dworzack, M.D., Martha Gentry-Nielsen, Ph.D., Donald Giger, M.D., Gary Gorby, M.D., and Laurel Preheim, M.D.

CENTER FOR RESEARCH IN ANTI-INFECTIVES & BIOTECHNOLOGY (CRAB)

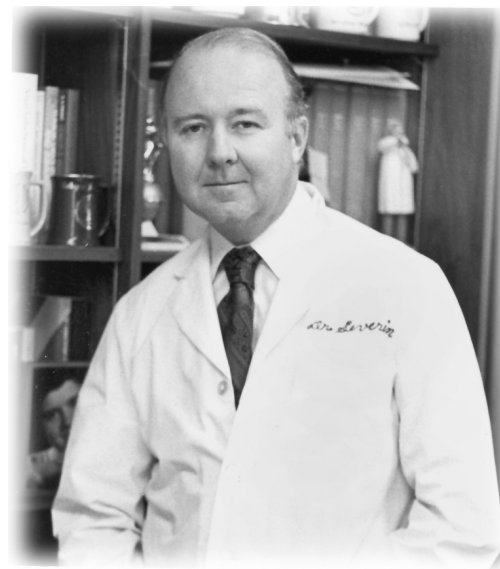
The Center for Research in Anti-Infectives and Biotechnology (CRAB) is an association of researchers within the Department of Medical Microbiology and Immunology, Creighton University School of Medicine. The research interests of the center are on many aspects of antimicrobial chemotherapy ranging from drug discovery to studying the molecular mechanisms of antibacterial resistance among bacteria, solving problems of detecting antibacterial resistance in the clinical laboratory, and evaluating new drugs and novel drug combinations to effectively treat resistant bacteria. For over eleven years, CRAB faculty have been studying the super-bug strains that are resistant to antibiotics.

The members of the center include specialists in clinical microbiology, molecular biology, and pharmacodynamics. In addition to research endeavors, members of CRAB are active in the teaching of many courses within the Schools of Medicine, Dentistry, and Pharmacy and Health Professions. Courses taught include medical microbiology and immunology, and antimicrobial agents and chemotherapy. The center associates also teach a summer “minicourse” in antimicrobial agents and chemotherapy to pharmaceutical and industry professionals.

Faculty: Nancy Hanson, Ph.D., Phillip Lister, Ph.D. and Kenneth Thomson, Ph.D.

FLOW CYTOMETRY CORE FACILITY

The Creighton University Flow Cytometry Core Facility is located in and administered by the Department of Medical Microbiology and Immunology. The facility was established in 2001 to serve research investigators of any department at Creighton University and Boys Town National Research Hospital, as well as outside (such as Omaha Children’s Hospital). Within Creighton, the facility routinely provides service to investigators in Medical Microbiology and



MATTHEW SEVERIN —
MEDICAL MICROBIOLOGY & IMMUNOLOGY

Immunology, Biomedical Sciences, Allergy and Immunology, Cardiology, and Psychiatry.

The centerpiece of the facility is a Becton Dickinson FACSCalibur dual laser, 4-color flow cytometer. This instrument is equipped with both optional sorting capabilities and a Multiwell Autosampler. A separate computer workstation is available in the facility for off-line data analysis using any of several advanced data analysis packages available in the facility.

In addition to the FACSCalibur, the facility houses a Beckman Coulter Z1 particle counter, a Nikon E-400 microscope and an IEC Centra-GP8R refrigerated centrifuge. The cell purification/sorting capabilities of the facility have been significantly enhanced through the purchase of two magnetic separation units (VarioMACS and QuadroMACS) from Miltenyi Biotech. Through the use of monoclonal antibodies and magnetic beads, these units allow the purification of specific cell populations for further analysis or cell culture. All of these additional items are also available for use by any investigator. Faculty: Patrick Swanson, Ph.D.; Technical Director: Greg Perry, Ph.D.



EUGENE & CHRSTINE SANDERS —
MEDICAL MICROBIOLOGY & IMMUNOLOGY

CANCER CENTER

Creighton University Cancer Center's core molecular and cancer biology laboratory is located within and administered by the Department of Medical Microbiology and Immunology. The main focus of the research is to provide insight into the genetic techniques that can alter the processes by which cancer develops. The center is currently studying the molecular genetics of breast and prostate cancers as well as the signal transduction or cell processes of tumor growth in cancer systems. Thus far, the center has identified and cloned a protein which is known to have a regulatory effect on the levels of a growth and tumor suppressive protein.

Secondary Faculty: Zafar Nawaz, Ph.D.



FRANK FERRARO —
MEDICAL MICROBIOLOGY

IMMUNOLOGY RESEARCH

Within the Department of Medical Microbiology and Immunology, Kristen Drescher, Ph.D. heads studies on multiple sclerosis. Dr. Drescher has developed a unique research technique in an effort to halt the progression of damage in the central nervous system that leads to MS. Her research is attempting to alter the immune systems of mice undergoing the disease processes associated with MS to determine whether changes in the animal's mobility and lesion development in the central nervous system can be reduced. Through the use of a virus-based test vaccine, Dr. Drescher is studying the process of demyelination, or damage to the myelin sheaths that surround nerve fibers.

Another area of research within the department is the understanding of how the immune system adapts to combat foreign agents. Patrick Swanson, Ph.D. is researching the V(D)J recombination process that assembles genes that encode antigen receptors on lymphocytes to produce disease-fighting antibodies and T-cells. Dr. Swanson has made progress in understanding how RAG proteins bind and cut DNA and has generated transgenic mice expressing mutant forms of RAG-1 to examine aspects of lymphocyte development. Through this research, Dr. Swanson hopes to learn how mutations in the RAG or other proteins involved in V(D)J recombination could lead to human diseases stemming from impaired V(D)J recombination such as severe combined immunodeficiency (SCID) or apparent gene rearrangement such as certain lymphomas and leukemias.

Faculty: Kristen Drescher, Ph.D., and Patrick Swanson, Ph.D.

MEDICINE

The research-oriented faculty and laboratories of the *Department of Medicine* posted many accomplishments in the 2002-2003 academic year. Medicine had another record year in both federal as well as industry research funding. For the second year, the faculty have published over 140 peer-reviewed articles.

The leading division for research was Endocrinology, with the *Osteoporosis Research Center*, Bone Metabolism Center, and Diabetes Center all continuing to make substantial research contributions. Recent recognition by faculty in the Endocrine Division includes Dr. Robert Recker's receipt of the Frederic C. Bartter Award from the ASBMR. The *Division of Allergy and Immunology* continues to expand its scholarship and international recognition; recent accomplishments include Dr. Agrawal's award of two research grants from the NIH. The Division of Allergy and Immunology has also enjoyed collaboration with several other divisions in the Department of Medicine, especially the *Rheumatology* and *Dermatology* Divisions examining the role of immune modulators for inflammatory diseases such as rheumatoid arthritis and psoriasis. The *Division of Cardiology* conducts numerous clinical studies related to the treatment as well as prevention of cardiovascular disease; Dr. Mohiuddin and his colleagues have also been busy implementing a variety of NIH and other extramurally funded interventions to provide educational and preventative programs relevant to cardiovascular risk reduction in the local community. *Hematology/Oncology* continues to be very active in clinical research, particularly through the Missouri Valley Cancer Consortium directed by Dr. James Malliard. The *General Internal Medicine Division* has been involved in a variety of educational research projects, including a national study of the effectiveness of clinical teaching. The Divisions of *Nephrology* and *Pulmonary/Critical Care* recently recruited clinician-scientist faculty (Richard Lund and Lee Morrow); as a result, these divisions now have a variety of new studies underway.



ROBERT TOWNLEY & TRIPHON VLAGOPOULOS —
ALLERGY & IMMUNOLOGY

ALLERGY & IMMUNOLOGY

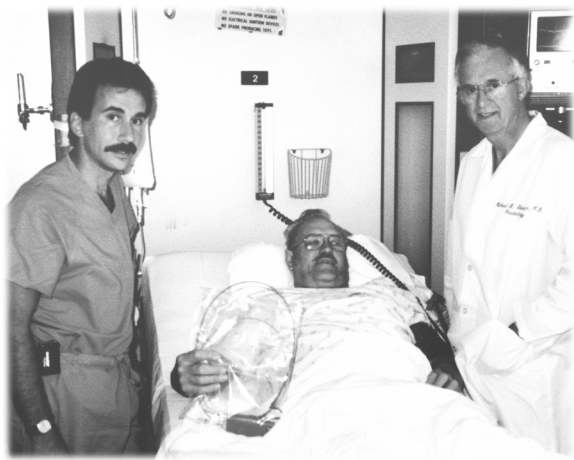
The *Division of Allergy and Immunology* has been engaged in both basic and clinical research aimed at elucidating key events in the pathogenesis and treatment of allergic and immunologic disorders. Bench research efforts have focused on allergic

respiratory disorders. A key line of investigation has been to determine the role of Flt-3 ligand as a possible immune modulator of allergic airway diseases. The Division of Allergy and Immunology is also engaged in the use of immune modulators for inflammatory diseases. Examples include the use of several different monoclonal antibodies such as anti-IL-4, anti-CD23, and anti-IgE for the treatment of allergic asthma. We are also engaged in examining the utility of new and safer inhaled corticosteroids for the treatment of airway diseases. The division is also conducting studies of the effect of mycobacterial vaccines in the prevention and treatment of asthma and allergy as an international project involving 1,700 children in four countries. Studies of the cause of airway hyperresponsiveness and the role of certain cytokines released in the airways during allergic asthma reactions are being carried out to investigate how and why interleukins-13 and -1 cause sensitivity to methacholine. The division has begun a new line of investigation examining the immune tolerance effects of anti-IgE monoclonal antibodies plus immunotherapy for the treatment of respiratory disorders. This is a large-scale project funded by the Immune Tolerance Network, NIAID, NIH, that is aimed at developing a new method for giving allergy immunotherapy for the treatment of allergic disorders. As part of this investigation, intensive laboratory studies will be done to determine the mechanism of action of anti-IgE and immunotherapy. Finally, the Division of Allergy and Immunology has enjoyed collaboration with several other divisions in the Department of Medicine, especially the Rheumatology and Dermatology Divisions, examining the role of immune modulators for inflammatory diseases such as rheumatoid arthritis and psoriasis.

CARDIOLOGY

The Division of Cardiology continues to build upon its commitment to provide superior clinical services, participation in sponsored clinical research, and community focused intervention programs. Under the direction of Syed Mohiuddin, M.D., the *Cardiac Center* has continued to expand its clinical operations and research activity. The Cardiac Center provides referring physicians, healthcare professionals, patients and their families with the opportunity to use the area's only freestanding facility totally dedicated to cardiovascular research and education, risk modification, diagnosis and treatment. Services at the Cardiac Center include: physician evaluation and management; electrocardiography; X-ray; exercise testing; echocardiography, including Transesophageal (TEE), Implantable Cardiac Defibrillator (ICD) and pacemaker management; cardiac catheterization and percutaneous interventions; pharmacologic interventions, including the availability of compassionate drugs; laboratory services; and risk reduction education.

CLINICAL OPERATIONS



MICHAEL DEL CORE & MICHAEL SKETCH —
CARDIOLOGY

During this past year, the Cardiac Center has extended its clinical service area to include a new satellite clinic in Onawa, Iowa while increasing the number of days at our clinics in Harlan and Atlantic, Iowa, and Sarpy County, Nebraska.

The Cardiac Center strives to make available the most current technologies in treatment methods and diagnostic tools. Our cardiac catheterization lab was outfitted with updated imaging technology, which gives cardiologists clearer pictures and data to provide the best possible care. Brachytherapy (radiation therapy) and drug eluting stents have been added to our list of interventional strategies to treat narrowing or occluded coronary vessels and prevent restenosis. Enhanced

External Counterpulsation (EECP) treatment is a noninvasive, outpatient procedure to relieve angina by improving perfusion in areas of the heart deprived of adequate blood supply.

Cardiology has been tailoring current equipment and systems in preparation of achieving a comprehensive database of clinical information compatible and coordinated with input from all diagnostic equipment. Integrated systems will put clinical data at our physicians' fingertips, and provide a database to support clinical research activity. In the past year, our Noninvasive Laboratory converted to an all-digital imaging and storage system, and the Cardiac Monitoring section converted to digital Holter scanners and recorders.

CLINICAL RESEARCH

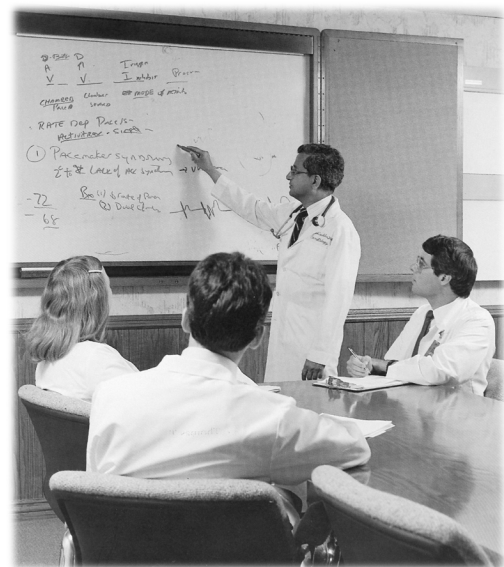
The Cardiac Center has focused attention on sponsored clinical trials, directing reorganization of the group, with dedication to the business management, marketing, and conduct of sponsored clinical research. Our overall goal is to increase the yield of current trials, implement new strategies for successful patient recruitment, and increase the volume of sponsored projects. The Cardiac Center initiated twenty new clinical trials during the past year alone, including phase II/III/IV pharmaceutical and device trials. Those topics include anemia, heart failure, endothelial function, acute coronary syndrome, hypertension, coronary bypass, TEE, lipid lowering agents, C-reactive protein, acute MI intervention and post-intervention studies.

Cardiology continues to support investigator-initiated research by developing strategic and collaborative relationships with academia, industry and the community. This effective research infrastructure includes assistance with manuscripts, funding applications, laboratory support, and data collection. By promoting education and dissemination of activities and results intramurally and extramurally to physicians and the public, we are developing an innovative clinical research network as a means to increase funding opportunities, publications, and ultimately aim to improve patient care.

FUNDED PROGRAMS IN MINORITY CARDIOVASCULAR RISK PREVENTION

The areas surrounding the Creighton University Medical Center have historically lacked a constant, organized and durable program to identify and educate individuals at high risk for cardiovascular disease as well as the importance and significance of disease prevention. The Cardiac Center recognized this need to provide educational and preventative programs to the local community, and responded with multiple initiatives. These programs have enhanced the University's visibility in the Omaha community as a partner willing to share its resources for improving health care in the minority community.

- ◇ The Creighton Heart Education Center (CHEC) is a unique partnership with the NIH and NHLBI to create an Enhanced Dissemination and Utilization Center (EDUC) to improve cardiovascular health at the community level, especially in communities at high risk for CVD. Along with a nationwide network of community-based organizations targeting culturally sensitive education strategies aimed at changing local physician practices and patient behaviors, the



SYED MOHIUDDIN - CARDIOLOGY



DENNIS ESTERBROOK — CARDIOLOGY

synthesis and dissemination of our data will promote the reduction of CVD in the country as a whole. The CHEC uses a community-oriented approach based upon an alliance of Creighton University School of Medicine and community centers and churches to implement CVD risk factor education, prevention, intervention, and reduction in the African-American population. The CHEC EDUC sponsors heart fairs, nutrition education and other seminars, trains and employs community health advocates, and conducts a comprehensive community awareness campaign. In the Spring of 2004, the CHEC program will increase its involvement in the community with a teaching vehicle custom equipped to provide mobile health screenings. This project, one of six in the country, is funded under contract with the National Heart, Lung, and Blood Institute (NHLBI), and equally supported with funding from the Creighton University School of Medicine.

- ◇ The Cardiovascular Risk Factor Screening and Intervention in African Americans (CARSI) program goal is to provide cost efficient, uncomplicated, risk factor reduction to a large segment of the African American community through a network of community educators. This project may serve as a model for development of more general health care intervention that may also be directed to access the relationship between Creighton University and community-based health care agencies. In addition, every effort is being made to recruit minority health care providers and students in the delivery of service, and thus, the project should enhance minority student interest in the biomedical sciences.
- ◇ The Cardiac Center serves as the lead agency for the Douglas County Cardiovascular Health Initiative (DCCHI), to assess the community's physical activity and nutritional concerns. In cooperation with the Charles Drew Clinic, Sisters Together, the Douglas County Health Department, and the Women's Community Health Center, the DCCHI works to establish preventive programs to reverse the upward trend in CVD death rate of urban Omaha.

FUNDED PROGRAMS IN SMOKING CESSATION AND CARDIOVASCULAR RISK REDUCTION

- ◇ The Cardiac Center has developed an intensive, multi-component smoking cessation/relapse prevention intervention, the effectiveness of which is being compared to traditional smoking cessation programs. This study provides a medical service that was not previously provided within the community and the surrounding area, and treating tobacco dependence offers clinicians a great opportunity to reduce the loss of life and unhappiness caused by this chronic condition.
- ◇ The Peer 2 Peer program leverages the success of the lay health educator model to offer support group services as a supplement to clinic-based smoking cessation services. Ex-smokers are offered the opportunity to serve their community as smoking cessation support group leaders and are trained and paid stipends by the Cardiac Center for their dedicated services.

OSTEOPOROSIS

Investigators in the Creighton *Osteoporosis Research Center* (ORC) have, for the past 45 years, made Creighton an international center of excellence in human bone research — investigating how the skeleton remodels itself to repair damage, what goes wrong with that process in the development of osteoporosis, and what the nutritional and exercise requirements are for building strong bones and maintaining bone health. In recent years, the ORC researchers have also focused particular effort on vitamin D metabolism and on the inheritance of bone mass.

ORC investigators identified several kindreds in which high bone mass is inherited as a Mendelian dominant trait. In one of these kindreds, and in collaboration with biotech and pharmaceutical industry partners, they have identified the gene (*Lrp5*) and causal mutation (G171V) responsible for the high bone mass phenotype. This finding has created tremendous excitement within the bone field because it has revealed a previously unknown pathway important for regulating bone mass, and it provides a new target for developing pharmaceutical agents to treat osteoporosis. It also has the potential to open the window on very basic cell biology questions, such as the chemical representation of the set point involved in all biological feedback control loops.

One of their best-known projects, the “Omaha Nuns Study,” involves nearly 200 nuns from Mid-western religious communities who have been followed with intensive physiological measurements for the past 36 years. Results from this study have literally “written the book” on the metabolism of calcium in the middle-aged woman. Findings from these studies provided, for example, the principal scientific basis for the NIH recommendations for adult calcium intake. The database developed from these studies since their beginning in 1967 is continuously being mined, resulting in two to three original papers each year evaluating, for example, the relationship between calcium intake and obesity, the importance of phosphorus intake, and the role of vegetables in maintaining total body health.

In a more recent study, ORC investigators found that low doses of estrogen are effective in preventing postmenopausal bone loss, but only if combined with high intakes of calcium and supplemental vitamin D. This is good news for women who are unable to tolerate side effects of estrogen replacement therapy at conventional doses. Recently ORC researchers have broadened their scope of study to include children. Four studies of bone health in pubertal girls are currently under way.

Recent ORC work has focused on the human vitamin D requirement and has shown that normal adults use far more of this key substance every day than had been previously thought. Typically we get 80–90% of our daily need from the sun. But persons of color (and the housebound) do not make much vitamin D that way and are much more dependent on vitamin D supplements and fortified foods. The ORC is currently exploring the daily vitamin D need for persons of color, under a contract from the U.S. Department of Defense, which is concerned to ensure normal vitamin D status in persons of color stationed at northern latitudes.

Creighton ORC investigators have provided the conceptual leadership, the detailed background mapping of the field, and the technical excellence needed to



THOMAS SKILLMAN & ROBERT HEANEY —
OSTEOPOROSIS RESEARCH

support a significant portion of the national research effort into the problem of osteoporosis. Creighton's expertise in the use of radioactive calcium led to the center's being asked to do all of the calcium absorption studies for a national multi-center study involving over 8,000 aging women from around the country. Creighton has literally become the "bioavailability capital" of the world. The ORC histomorphometry laboratory is the only one of its kind in the country to meet standards termed Good Laboratory Practices, and it too serves as a center for processing and interpreting bone biopsies from many of the national osteoporosis trials.

Recognition of the ORC's work is evidenced by:

- ◇ Creighton was sought by Procter & Gamble, Abbott Laboratories, the New Zealand Dairy Board, Kellogg's, General Mill, Mead-Johnson, to name a few, as the sole site to test the bioavailability of calcium enrichment added to their foods or beverages. The ORC was a study site for the trial of one of the first effective treatments for osteoporosis, Fosamax. ORC researchers worked with Eli Lilly & Company to establish the mechanism of action on bone of their Selective Estrogen Receptor Modulator, Evista. The ORC continues to participate in clinical trials of new medications for the prevention and treatment of osteoporosis.
- ◇ The director of the ORC has served on the Advisory Council for the National Institute of Arthritis, Musculoskeletal, and Skin Disorders, and is immediate past-president of the American Society for Bone and Mineral Research, the world's largest body of scientists in the bone field.
- ◇ ORC investigators have chaired many National Institutes of Health and U.S. Department of Defense grant review committees and served on countless others. They serve (or served) on the Board of Directors and the Scientific Advisory and Nurses' Steering Committees of the National Osteoporosis Foundation, as well as the Panel on Calcium and Related Nutrients of the Food and Nutrition Board (Institute of Medicine), the body that set the most recent calcium requirements. They also serve as advisors to NASA and consult on experiments to determine the effect of space travel on bone health. They also serve on numerous editorial boards for all the major bone journals.
- ◇ ORC investigators wrote the chapter on bone health for the *Encyclopedia Britannica*, two books on calcium and osteoporosis for non-professional audiences, and the monograph for the Food and Drug Administration which led to approval of a health claim for calcium-rich foods. ORC researchers have published a multitude of journal articles and book chapters in a wide variety of disciplines — medicine, nursing, exercise science, nutrition, biomechanics, genetics, molecular biology, bone biology, and others.
- ◇ Members of the ORC have been selected as Fellows in the American Society of Clinical Endocrinology, the American Institute of Nutrition, and the American Academy of Nursing. In 1994, one member of the group received the Bartter Award of the American Society for Bone and Mineral Research (the top national prize for clinical research into bone), and then in 2002, a second ORC investigator received the same award. Creighton is the only university in the world to have two of its faculty members honored with this award. The director of the center was recently named "Master" in the American College of Physicians.

PHARMACOLOGY

The *focus* of the Department of Pharmacology of the School of Medicine is to investigate and convey knowledge of the interaction of drugs, toxins and other substances with living systems. We investigate the effect of drugs on living systems from several approaches. A major emphasis is in receptor pharmacology and the nature of drug-receptor interaction, functional effects of drugs and the molecular nature of drug receptors. These approaches are applied to several organ systems including the cardiovascular system, the kidney, the eye, the uterus, the nervous system, and various exocrine glands.



WILLIAM PETTINGER —
INTERNAL MEDICINE & PHARMACOLOGY

Our investigations are aggressively pursued in several active laboratories within the department.

These laboratories also support two successful graduate programs that educate students at the master's and doctoral level. The Pharmacology faculty maintain active research collaborations with faculty in other Medical School departments, other Health Sciences schools, and other institutions and pharmaceutical companies. Support *for* our research endeavors accrues largely *from* extramural sources such as the National Institutes of Health, the American Heart Association, other private foundations, and the pharmaceutical industry.

The recent research findings published by members of the Department of Pharmacology include the discovery of new drug receptor subtypes and the use of a variety of approaches to define function of adrenoceptors, the cloning of novel receptors, and the description and isolation of splice variances of receptors. Regulation of these receptors by specific protein regulators is also a major focus and has resulted in important findings.

The characterization of surface enzymes and their participation of secretory function and subtype characterization of adrenergic and muscarinic receptors are further accomplishments. Journals in which these findings were published include the *Journal of Pharmacology & Experimental Therapeutics*, *Molecular Pharmacology*, *The British Journal of Pharmacology*, *The American Journal of Physiology*, and *The European Journal of Pharmacology*. Two members of the department are among the worldwide group of editors of an on-line pharmacology resource called *xPharm*, due to be launched in 2004.

The department gives considerable effort to supporting its teaching endeavors and is the primary source of pharmacological expertise at Creighton University. In addition to teaching, curricular innovation, facilitating group discussions and consultation with individual students in our Health Sciences schools, four of the faculty from the department have contributed chapters to a pharmacology textbook used in the School of Dentistry. This text book is recognized nationally as the most widely used dental pharmacology text book. In addition, one member of the department co-edited the textbook. This venture constitutes a major commitment to education in pharmacology.

The department embraces the challenge of the Creighton commitment to excellence in all facets of its academic endeavors.

PHARMACY & HEALTH PROFESSIONS

The faculty in the *School of Pharmacy and Health Professions* are committed to scholarly inquiry and energized by the discovery, application and integration of new knowledge. A robust and diverse research program which encourages interdisciplinary collaboration is currently in place within the School. The research emphasis is expected to grow in the coming year with the establishment of centers of scholarly excellence and as renewed strategic planning efforts address critical resource and support issues.

THE SCHOLARSHIP OF TEACHING, LEARNING AND ASSESSMENT

The School's reputation as a technology and informatics leader in health professions education has spawned a number of scholarly inquiries involving the pedagogy required for effective web-based teaching and learning. Several faculty are investigating learning outcomes in their campus and web-based courses with an intent to use findings to both improve student learning locally and to enlighten the broader academic community through publication. Our faculty is often called upon to participate in workshops, seminars and conferences around the country on the topic of the Scholarship of Teaching and Learning, and SPAHP professor Amy M. Haddad was recognized in 2003 with the American Association of Colleges of Pharmacy's Robert K. Chalmers Distinguished Pharmacy Educator Award. At the close of 2003, eight Occupational Therapy and Pharmacy Practice faculty were awarded three of the eight funded assessment projects sponsored by the University's Office for Excellence in Teaching, Learning and Assessment. The School's Office of Faculty Development and Assessment is actively encouraging and facilitating interdisciplinary scholarship efforts involving curricular and programmatic assessment, and is developing tools to promote and publicize research efforts in this area.

THE SCHOLARSHIP OF SERVICE

The School's Office of Interprofessional Scholarship and Service (OIPS) houses the federal grants that provide funding for various health care services and student training on the Omaha and Winnebago Native American Reservations. This Office involves faculty from our School's three disciplines (OT, PT and Pharmacy) and has had many scholarly and service accomplishments in a very short period of time. We consider the OIPS a model for the University and nation for service-learning activities.

OUTCOMES RESEARCH



WAYNE YOUNG — PHARMACY

The School is in the last year of a major, three-year federally funded grant from the Agency for Healthcare Research and Quality to study the impact of technology-based point of care information sources and electronic prescribing in physician office-based practices on patient safety, i.e., impact on medication prescribing errors, in a randomized controlled trial. Qualitative research involving human factor analysis is also being conducted in this project to identify and overcome technology barriers of individuals and office-based cultures. Outcomes research will be the focus of the School's first proposed scholarly center of excellence, and is expected to draw faculty from all disciplines in the study of the critical issues that impact patient safety

and the optimum delivery of care. Related studies ongoing in the department of Pharmacy Sciences are focused on sensitive and controversial issues surrounding pharmacy benefits management. Several articles have been published by these authors and they have been in demand as speakers at national conferences debating contemporary pharmacoeconomics issues.

BASIC SCIENCE RESEARCH

Several faculty in the departments of Pharmacy Sciences and Physical Therapy are engaging in research projects that address mechanisms of drug, physiological, pathological and neurobiological action at levels ranging from molecular to systematic. Studies are ongoing in the immunoregulation of effector T-cells by endogenous mediators (including the cytokines), molecular and genetic-based mechanisms in the pathology of meningitis, cardiovascular disorders and craniofacial defects, the pathogenesis of prion disease and the functional organization of the basal ganglia, the solid state characterization of drug molecules, novel and site-specific controlled-release drug delivery systems, drug formulation, and the synthesis of molecules designed to shed light on catecholaminergic receptors and neuroprotection.



SEBASTIAN PIRRUCCELLO — PHARMACY

CLINICAL RESEARCH

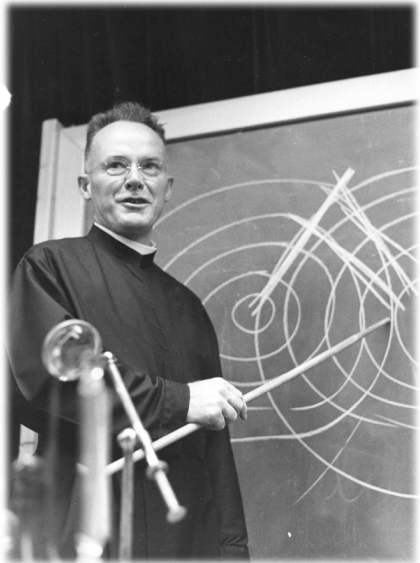
Faculty in all of the School's academic departments have projects focused on patient care and clinical decision-making. Some of the areas of scholarly inquiry include therapeutic evaluation and intervention in the treatment of movement disorders, animal-assisted therapy, the role of church in the health of elders, psychosocial aspects and pharmaceutical care challenges in the aged, and pharmacotherapy of cardiovascular-related diseases. Significant effort is also being directed in the evaluation of rehabilitation methods to assist patients with musculoskeletal, sensory-motor, and neurologic disorders.

RESEARCH FUNDING

In calendar year 2003-04, the School's faculty secured \$229,384 in federally-funded grants (including support from the NIH, AHQR, HRSA, DOE and RIRC). Faculty were also awarded \$3000 from foundations and professional organizations, and \$20,000 from the Health Futures Foundation to advance research efforts.

PHYSICS

Research in the *Department of Physics* covers a spectrum from the theoretical discussion of the physical meaning of quantum mechanics to experiments in high energy nuclear physics. The *high energy project* involves several faculty in collaboration with Brookhaven National Laboratory in New York, Lawrence Berkeley Laboratory in California, and the European Center for Particle Physics Research in Switzerland. It investigates the theoretical production of particles from intense fields and the experimental study of nuclei at very high temperatures and pressure. It is hypothesized that, by recreating the conditions present a fraction of a second after the Big Bang, a state of matter not present in the



REV. JOHN SCOTT, S.J. — PHYSICS

universe since that time, a quark-gluon plasma, might be recreated as well. Observing this previously unseen state will provide information that is relevant to not only particle physics but also cosmology. The quark-gluon plasma is studied using boson interferometry and measurements of strangeness production, work that requires the development of large scale real time control and monitoring systems.

Another line of research seeks to determine the details of the *x-ray production from atomic inner-shell ionization* using a particle accelerator to produce low energy positive ions for bombarding atoms in solids. Very soft, low energy x-rays are measured with a Si(Li) detector equipped with an ultra-thin entrance window. Collateral information about the general interaction of ions moving in solids is also derived from these studies. The research has importance for basic studies of atomic interactions and has wide application to the nondestructive quantitative analysis of materials by measuring proton-induced x-ray emissions (PIXE) and to modifications of materials for use in the semiconductor industry.

Inner-shell ionization in atoms is also being investigated through the photo-ionization process using a radioactive source of x-rays.

Research is currently being developed in the area of liquid-to-glass and liquid-to-gel transitions, one of the major unresolved problems in condensed matter physics. In this research, dynamic light scattering will be used to measure structural relaxation of liquids, gels, and epoxies on approach to the transition point. Another developing area of research is the rapidly growing field of "Solid State Ionics." It will involve experimental and theoretical components aimed at tracing elementary steps of ion motion and understanding how the structural environment affects the dynamics of the mobile ions. The chief experimental technique is dielectric (or conductivity) spectroscopy which measures the dielectric response of mobile ions to an applied electric field.

The Department of Physics also has an active research program in the field of biophysics. Research in the *biophysical optics lab* is currently focused on the development and application of innovative optical techniques to study cellular and tissue environments. So far, we have developed a fully configurable three-channel, laser-scanning confocal microscope that works in both reflectance and fluorescence modes. In addition, we have built an all-solid-state Titanium:Sapphire laser that produces 1 W tunable output in the infrared from 730-900 nm. These two instruments are currently being used together to study the wavelength dependence of cellular response to intense (currently up to 10^{11} W/cm², CW) near-infrared radiation, and we anticipate multiphoton microscopy in the near future. Finally, in collaboration with the Department of Biomedical Sciences, we have recently built an optical stretcher facility for biomechanical studies of outer hair cells, osteocytes, and cancer cells.

Several topics in the field of astro-particle physics are also under investigation in the department. One of



BAZIL LAZURE — PHYSICS &
REV. WALTER LUEBKE, S.J. — MATHEMATICS



THOMAS ZEPF — PHYSICS

the greatest mysteries of our time is dark matter; evidence shows that the Universe is dominated by a form of matter which does not interact electromagnetically and which is not composed of the familiar protons, neutrons, and electrons. Using theoretical models which propose particle physics candidates for the dark matter, detection rates in current and future detectors are calculated through extensive computer simulations. Such calculations can shed light on the distribution of dark matter and rule out classes of theories which are not yet testable directly at accelerators. In addition to the research on dark matter, the composition of extremely energetic cosmic rays is also being studied to determine realistic backgrounds at neutrino telescopes which are opening new windows on the Universe. In particular, the energy and angular

dependence of prompt muons, those created in the decay of charmed particles, is being simulated numerically.

PSYCHIATRY

Creighton Psychiatry is an essentially new department arising from the 1999 reconfiguration of academic psychiatry in Omaha. The department continues to rapidly expand research activities within and beyond the faculty. Perhaps most significant is the mentoring of junior faculty as well as active engagement in collaborative projects with local, regional, national, and international colleagues. Remarkable progress is directly measurable, notably that funded research has risen from zero in early 2001 to some \$6 million as of late 2003. Also, the number of active faculty researchers has risen from zero (before Dr. Wilson arrived as Chairman in 2000) to more than a dozen and continues to increase.

Departmental activities are primarily via the *Institute for Clinical Neuroscience and Psychopharmacology* founded by Dr. Wilson and now under the directorship of Fred Petty, MD, PhD. Principal sites include CUMC, Alegent and the VA Hospital. Dr. Petty, an internationally respected and highly productive basic and clinical neuroscientist, is Vice-Chair for Research in Psychiatry and Professor of Psychiatry at Creighton as well as Director of Mental Health Research for the Nebraska-Western Iowa VA. Dr. Petty achieved a renewal of his VA Merit Award and is leading a major collaboration to situate a Mental Illness Research, Education & Clinical Center (MIRECC) within the Midwest VA system.

The department also has pending submissions, including Dr. Wilson's schizophrenia relapse prevention and his disparities in psychiatric diagnosis proposals (NIMH), Dr. Happe's work in autonomic nervous system development (VA and NIH), Dr. Sokol's PANDAS pilot study (NIMH), and Dr. Fernandes'



BEVERLY MEAD — PSYCHIATRY



EMMET KENNEY — PSYCHIATRY

mood-brain imaging correlation study now in the pilot phase (VA). Industry-sponsored psychopharmacology research continues to grow dramatically. Moreover, Drs. Wilson and Petty serve on the national research committees for NIH-SAMSHA and the VA, respectively, as well as the scientific CNS advisory boards for numerous pharmaceutical houses. Both also participate in diverse multi-center studies that have begun to involve more junior Creighton faculty as well.

Collaborative research remains robust. Within Creighton, the department has established links with Biomedical Sciences, Pharmacology, Cardiology, Medicine, as well as the Center for Health Policy & Ethics, School of Nursing, School of Pharmacy and Health Professions, and the Law School. Beyond Creighton, the department has established substantive links with the University of Nebraska Department of Psychology, UNMC, Nebraska Health & Human Services, Children's Hospital, Douglas County Health Center, Catholic Charities, and Boys and Girls Town.

Senior faculty are also closely involved in the state proposal to reform mental health in Nebraska. As this relates to research in particular, we are supportive of emerging plans for a Center of Excellence. This should include clinical and basic science research facilities for studies in Omaha, as well as state-of-the-art telehealth linkages to promote clinical and research outreach across the state. This network will include both clinical trials, as well as services and outcomes research.

The Psychiatry faculty is grateful for an environment at Creighton that has been so conducive to these opportunities for us to contribute research that helps better understand and treat diverse mental illnesses. Indeed, we are especially grateful this year to have Dr. Petty honored with the Creighton Distinguished Research Career Award, particularly as it reflects on the unique research collegiality that has flourished here.

PUBLICATIONS

COLLEGE OF ARTS & SCIENCES

Ackermann, K. H., et al. [including Cherney, M., Chrin, J., Gross, J., Meier, J., Lin, J., McShane, T. S., Reichhold, D., & Seger, J.]. (2003). STAR detector overview. *Nuclear Instruments & Methods in Physics Research, Section A*, 499, 624.

Adamovic, I., Freitag, M. A., & Gordon, M. S. (2003). Density functional theory based effective fragment potential method. *Journal of Chemical Physics*, 118(15), 6725-6732.

Adams, J., et al. [including Cherney, M., McShane, T. S., & Seger, J.]. (2003). Narrowing of the balance function with centrality in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review Letters*, 90, 172301.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). Azimuthal anisotropy of K_s^0 and $\Lambda + \bar{\Lambda}$ production at mid-rapidity from Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review Letters*, 89, 132301.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). Centrality dependence of high pT hadron suppression in Au + Au collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review Letters*, 89, 202301.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). Coherent rho-zero production in ultra-peripheral heavy ion collisions. *Physical Review Letters*, 89, 272302.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). Elliptic flow from two- and four-particle correlations in Au + Au collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review C*, 66, 034904.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). $K^*(892)^0$ production in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review C*, 66, 061901.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2002). Mid-rapidity Λ and $\bar{\Lambda}$ production in Au + Au collisions at $\sqrt{s_{NN}} = 130$ GeV. *Physical Review Letters*, 89, 092301.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2003). Azimuthal anisotropy and correlations in the hard scattering regime at RHIC. *Physical Review Letters*, 90, 032301.

Adler, C., et al. [including Cherney, M., McShane, T. S., Reichhold, D., & Seger, J.]. (2003). Disappearance of back-to-back high pT hadron correlations in central Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV. *Physical Review Letters*, 90, 082302.



REV. CLARENCE WAGENER, S.J., &
REV. THOMAS S. MC SHANE, S.J. — PHYSICS

Aizenberg, S. (2002, Fall). Art [Poem]. *Kali Guide*.

Aizenberg, S. (2003, Spring). Capote in Brooklyn [Poem]. *Hotel Amerika*.

Aizenberg, S. (2003, Spring). Overcoming fear and loathing of poetry: Some techniques for helping inexperienced readers [Article]. *Associated Writing Programs Pedagogy Handbook*.

Anderson, M., et al. [including Cherney, M., & Chrin, J.]. (2003). The STAR time projection chamber: A unique tool for studying high multiplicity events at RHIC. *Nuclear Instruments & Methods in Physics Research, Section A*, 499, 659.

Ault, J., & Gleason, J. (2003). U.S. Government decision makers' expectations and patterns of use of emerging and existing information technologies. *Government Information Quarterly*, 20(1), 63-76.

Bakewell, G. W., & Sickinger, J. P. (Eds.). (2003). *Gestures: Essays in ancient history, literature, and philosophy presented to Alan L. Boegehold*. Oxford: Oxbow Books.

Brock, B. L. (2003). A planning tool for elementary principals. *Contemporary Psychology: APA Review of Books*, 48(1), 113-114.

Brock, B. L., & Grady, M. L. (2004). *Launching your first principalship*. Thousand Oaks, CA: Corwin Press.

Bucher, G. S. (2003). [Review of M. Fasolo, *La Via Egnatia I. Da Apollonia e Dyrrachium ad Herakleia Lynkestidos. Viae Publicae Romanae 1*]. *Bryn Mawr Classical Review* [On-line], 2003.06.06. Available: <http://ccat.sas.upenn.edu/bmcr/2003/2003-06-06.html>

Bucher, G. S. (2003). Some observations on the Appianos sarcophagus (IGUR 1700). In G. W. Bakewell & J. P. Sickinger (Eds.), *Gestures: Essays in ancient history, literature, and philosophy presented to Alan L. Boegehold* (pp. 159-172). Oxford: Oxbow Books.

Bucko, R. (2002). AIDS and anthropology comprehensive bibliography [On-line]. Available: <http://puffin.creighton.edu/aarg/bibliography/>



Bucko, R. (2002). Bartolome de las Casas. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheets.eena.htm>

Bucko, R. (2002). Jean de Brebeuf. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheets.eena.htm>

Bucko, R. (2002). Jerome Lalemont. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available:

REV. RICHARD MCGLOIN, S.J. — CLASSICS

<http://www.alexanderstreetpress.com/product.sheets/product.sheet.eena.htm>

Bucko, R. (2002). Lakota Dakota comprehensive bibliography [On-line]. Available: <http://puffin.creighton.edu/lakota/biblio.html>

Bucko, R. (2002). Paul le Jeune. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheet.eena.htm>

Bucko, R. (2002). Pierre Biard, S.J. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheet.eena.htm>

Bucko, R. (2002). Pierre Joseph Marie Chaumonot, S.J. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheet.eena.htm>

Bucko, R. (2002). Suggested reading for interpreting the Jesuit relations. In *Early encounters in North America: Peoples, cultures and the environment* [On-line]. Alexander Street Press. Available: <http://www.alexanderstreetpress.com/product.sheets/product.sheet.eena.htm>

Bucko, R. (2002). Use of native religions by non-Indians dialogue pages [On-line]. Available: <http://puffin.creighton.edu/lakota/war.html>

Bucko, R. (2003). [Review of C. Starkloff, *Common testimony: Ethnology and theology in the customs of Joseph Lafitau*]. *Archivum Historicum Societatis Iesu*.

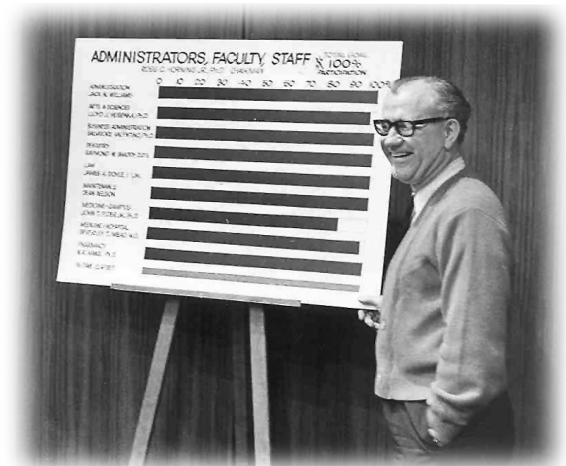
Bucko, R. (2003). [Review of D. Red Shirt, *Turtle Lung Woman's daughter*]. *Ethnohistory*, 50(2), 401-402.

Bucko, R. (2003). Sioux. In S. I. Kutler (Ed.), *Dictionary of American history* (vol. 7, pp. 367-369). New York: Charles Scribner's Sons.

Bucko, R. (2003, April 24). [Review of S. Neylan, *The heavens are changing: Nineteenth century Protestant missions and Tsimshian Christianity*]. *Anthropology Review Database* [On-line]. Available: <http://wings.buffalo.edu/ARD/showme.cgi?keycode=2176>

Bucko, R. (2003, July). [Review of T. Buckley, *Standing ground: Yurok Indian spirituality, 1850-1990*]. *Choice*.

Bucko, R. (Contrib. Ed.). (2002). *Native American Catholics at the millenium: A report on a survey by the United States Confrence of Catholic Bishops' Ad Hoc Committee on Native American Catholics*. [Bishop Donald E. Pelotte, S.S.S., Chairman]. Washington, DC: National Conference of Catholic Bishops.



ROSS HORNING — HISTORY

Bucko, R., & Brokenleg, M. (2002). Lakota Dakota information page [On-line]. Available: <http://puffin.creighton.edu/lakota/>

Bucko, R., & Marshall, M. (Eds.). (2003). Fr. Eugene, S.J. digital archive: Fr. Eugene Buechel, S.J. Lakota material culture collection and associated notes [On-line]. [Design: Filipp Sapienza]. Saint Francis, South Dakota: St. Francis Mission. Available: <http://www.sfmission.org/museum/>

Catherwood, M. (2002, Summer). Like seeks like [Poem]. *Melic Review* [On-line]. Available: <http://melicreview.com/archive/iss17/index.html>

Catherwood, M. (2002, Fall). About mall walkers [Essay]. *Plainsongs*, 23(1), 4.

Catherwood, M. (2002, Fall). The piles of old photographs and the last poem [Poem]. *Swank Writing* [On-line]. Available: http://www.swankwriting.com/NewFiles/archived_words.html

Catherwood, M. (Fall, 2002). The unknown aviator [Poem]. *The Monday Poetry Report* [On-line]. Available: www.mondaypoetryreport.com

Catherwood, M. (2003, Winter). About the muse [Essay]. *Plainsongs*, 23(2), 20.

Catherwood, M. (2003, Winter). Artist genocide [Poem]. *Pierian Springs* [On-line]. Available: http://www.pieriansprings.net/issue_2.4/contents.html

Catherwood, M. (2003, Winter). The cement evangelical worship center [Poem]. *The Monday Poetry Report* [On-line]. Available: www.mondaypoetryreport.com

Catherwood, M. (2003, Winter). Hard-boiled love [Poem]. *Pierian Springs* [On-line]. Available: http://www.pieriansprings.net/issue_2.4/contents.html

Catherwood, M. (2003, Winter). Naked altar boy [Poem]. *The Monday Poetry Report* [On-line]. Available: www.mondaypoetryreport.com

Catherwood, M. (2003, Winter/Spring). Trespassers [Poem]. *Sycamore Review*, 15, 118.

Catherwood, M. (2003, Spring). About bluing [Essay]. *Plainsongs*, 23(3), 6.

Catherwood, M. (2003, Spring). Punk [Poem]. *Red Rock Review*, 13, 68.

Cheng, S.-C., Goetzinger, A. A., & Mordeson, J. N. (2002). Vitamin D receptor gene polymorphism's effect on bone mineral density: Analysis by use of belief functions. *Joint Conference on Information Sciences Proceedings*, 164-167.

Cherney, I. D. (2003). The use of technology in psychology: Examples from an introductory psychology and statistics class. In C. Spirou



MICHAEL SUNDERMEIER — ENGLISH

(Ed.), *Technology in teaching and learning in higher education* (pp. 31-35). Chicago: National-Louis University Press.

Cherney, I. D. (2003). Young children's spontaneous utterances of mental terms and the accuracy of their memory behaviors: A different methodological approach. *Infant & Child Development*, 12(1), 1-17.

Cherney, I. D., Jagarlamudi, K., Lawrence, E., & Shimabuku, N. (2003). Experiential factors on sex differences in mental rotation. *Perceptual & Motor Skills*, 96, 1062-1070.

Cherney, I. D., Kelly-Vance, L., Glover, K., Ruane, A., & Ryalls, B. O. (2003). The effects of stereotyped toys and gender on play-based assessment in 18-48 months old children. *Educational Psychology*, 23(1), 95-106.

Cipolla, S., & Milone, J. (2003). Methodological effects in Si(Li) detector efficiency calibrations. *Nuclear Instruments & Methods in Physics Research, Section A*, 505, 273-276.

Clark, C. (2003). Minos' touch and Theseus' glare: Gestures in *Bakkhylides 17*. *Harvard Studies in Classical Philology*, 101, 129-153.

Clark, C. (2003). [Review of L. Doherty, *Gender and the interpretation of classical myth*]. *Classical Review*, 53, 236-238.

Clark, T. D. (2003). Privatization and democratization in Lithuania: A case study of who benefits in Siauliai. In J. Moses (Ed.), *Dilemmas in post-Communist countries*. Burnham Inc., Publishers.

Clark, T. D. (2003). [Review of S. S. Smith & T. F. Remington, *The politics of institutional choice: The formation of the Russian State Duma*]. *Canadian-American Slavic Studies*, 37(4), 451-454.

Clark, T. D. (2003). [Review of T. J. Colton, *Transitional citizens: Voters and what influences them in the new Russia*]. *Canadian-American Slavic Studies*, 37(4), 451-454.

Clark, T. D., Goss, E., & Kosova, L. (2003). *Changing attitudes toward economic reform during the Yeltsin era*. Westwood, CT: Greenwood Publishing, Inc.

Clark, T. D., Goss, E., & Kosova, L. (2003). Economic well-being and popular support for market reform in Russia. *Economic Development & Cultural Change*, 51(3), 753-768.

Clark, T. D., & Jasutis, G. (2003). Lithuania 2002: A year of big developments. *Transitions Online* [On-line]. Available: <http://www.tol.cz>

Clark, T. D., & Jasutis, G. (2003). Lithuania's commitment to NATO: Explaining a Baltic paradox. *Russia & Eurasia Review* [On-line], 2(7). Available: http://russia.jamestown.org/pubs/view/rer_002_007_004.htm



BETTE NOVIT EVANS — POLITICAL SCIENCE

Clark, T. D., & Paulauskas, K. (2002). When oil and politics mix: The privatization of Lithuania's oil industry. *Russia & Eurasia Review* [On-line], 1(13). Available: http://russia.jamestown.org/pubs/view/rer_001_013_004.htm

Clark, T. D., & Paulauskas, K. (2003). Future prospects for Lithuania following the surprise victory of Rolandas Paksas. *European Rim & Policy Investment Council* [On-line]. Available: <http://www.erpac.org/LithuaniaafterPaksasvictory.html>

Clark, T. D., & Prekevicius, N. (2003). Explaining the 2000 Lithuanian parliamentary elections: An application of contextual and new institutional approaches. *Slavic Review*, 62(3), 548-569.

Cook, T. J. (2003). Preparing future school leaders: Conversation and recommendations. *Momentum: The Official Journal of the National Catholic Educational Association*, 34(1), 49-51.

Danielson, M. A. (2002). [Review of T. E. Harris, *Applied organizational communication: Principles and pragmatics for future practice*]. *Communication Research Trends*, 21(4), 26-29.

Dev, P., Doyle, B., & Valente, B. (2002). Labels needn't stick: At risk first graders rescued with appropriate intervention. *Journal of Education for Students at Risk*, 3, 327-332.

Dilly, B. J. (2002, Summer). [Review of R. S. Beeman & J. A. Pritchard, *A green and permanent land*]. *The Annals of Iowa*, 352-354.

Duda, G., et al. (2003). Indirect detection of a subdominant density component of cold dark matter. *Physical Review D*, 67, 023505.

Durow, W. P. (2002). A response to Griswold. *Journal of School Improvement* [On-line], 3(2). Available: <http://www.ncacasi.org/jsi/2002v3i2/response>

Elliot-Meisel, E. (2002). John Bartlet Brebner: The private man behind the professional historian. *The American Review of Canadian Studies*, 32(4), 609-638.

Elliot-Meisel, E. (2003). A grand and glorious thing ... the team of MacKenzie and Roosevelt. In T. C. Howard & W. D. Pederson (Eds.), *Franklin D. Roosevelt and the formation of the modern world* (pp. 138-156). New York: M. E. Sharpe.



NANCY FOGARTY — ENGLISH

Finken, L. L. (2003). The complexity of student responses to in-class debates in a human sexuality course. *Teaching of Psychology*, 30, 263-265.

Finken, L. L., & Cooney, R. R. (2003). A comparison of progressive writing assignments and traditional writing assignments. *Teaching of Psychology*, 30, 246-248.

Gallagher, C., Gray, P., & Stenberg, S. (2002). Teacher narratives as interruptive: Toward critical collegiality. *symplekē*, 10(1-2), 32-51.

Gibbs, D. B. (2003). *The story of a stairway* [Translation of A. Buero-Vallejo, *Historia de una escalera*]. York, SC: Spanish Literature Publications Co.

Greenspoon, L. J., & Simkins, R. A. (Eds.). (2003). *Studies in Jewish civilization, vol. 13: Spiritual dimensions of Judaism*. University of Nebraska Press.

Hamm, D. (2003). Acts 4:23-31 – A neglected Biblical paradigm of Christian worship (especially in troubled times). *Worship*, 77, 225-237.

Hamm, D. (2003). The Tamid service in Luke-Acts: The cultic background behind Luke's theology of worship (Luke 1:5-25; 18:9-14; 24:50-53; Acts 3:1; 10:3, 30). *Catholic Biblical Quarterly*, 65, 215-233.

Hardin, R., & Zuegner, C. (2003). Life, liberty and the pursuit of golf balls: Magazine promotion of golf in the 1920s. *Journalism History*, 29(2), 82-90.

Harper, C. L. (2003). *Environment and society: Human perspective on environmental issues* (3rd ed.). Upper Saddle River, NJ: Prentice Hall, Inc.

Harper, C. L., & LeBeau, B. (2003). *Food, society, and environment*. Upper Saddle River, NJ: Prentice Hall Inc.

Hauser, R. H. (2002, October 7). [Review of P. Hart (Ed.), *Survival or prophecy? The letters of Thomas Merton and Jean Leclercq*]. *America*, 21-22.

Houtz, L. E., & Quinn, T. H. (2003, February). Give me some skin — A hands-on science activity integrating racial sensitivity. *Science Scope*, 19-22.

Imada, D., Doyle, B., Brock, B., & Goddard, A. (2002). Developing leadership skills in students with mild disabilities. *Teaching Exceptional Children*, 35(1), 48-54.

Jurgensmeier, C., & Kielniarz, M. A. [Solo tenor & harpsichord]. Concert. San Francisco, CA: St. Agnes Catholic Church.

Keegan, B. (2003). Lambs to the slaughter: Leisure and romantic laboring-class poetry. *Romanticism on the Net* [On-line], 27. Available: <http://www.erudit.org/revue/ron/2002/v/n27/006562ar.html>

Keegan, B. (2003). [Review of A. Messenger, *Pastoral tradition and female talent*]. *Eighteenth-Century Studies*, 36(1), 144-148.

Keegan, B. (2003). [Review of J. Raven (Ed.), *Free print and non-commercial publishing since 1700*]. *Eighteenth-Century Studies*, 36(1), 144-148.

Keegan, B. (2003). [Review of W. J. Christmas, *The lab'ring Muses: Work, writing, and the social order in English plebeian poetry, 1730-1830*]. *Eighteenth-Century Studies*, 36(1), 144-148.



CHARLES HARPER —
SOCIOLOGY

Keegan, B. (2003). Snowstorms, shipwrecks, and sultry heat: The climates of eighteenth-century laboring-class locodescriptive poetry. *ISLE: Interdisciplinary Studies in Literature & the Environment*, 10(1), 75-96.

Keegan, B. (Ed.). (2003). *English laboring-class poetry, 1700-1900. vol II: 1740 -1770*. Pickering & Chatto.

Kielniarz, M. A. (2002). Dalcroze techniques for handbells. *American Dalcroze Journal*, 28(2), 10-13.

Kielniarz, M. A. (2002). Gamelan: The sound of ringing from Southeast Asia. *Overtones, The Journal of the American Guild of English Handbell Ringers*, 48(6), 20-23.

Kielniarz, M. A. (2003). *Theory, levels 1 & 2*. AGEHR Publishing.

Kielniarz, M. A. [Continuo]. Omaha Symphony Orchestra, Bach: Mass in B minor. Omaha, NE: Masterworks Series Concerts.

Kielniarz, M. A. [Harpischord soloist], & Jurgensmeier, C. [Tenor]. (2002, October). Concert series. Fremont, NE: Midland Lutheran College.

Kielniarz, M. A. [Organ, celeste]. Omaha Symphony Orchestra, Respighi: Pines of Rome. Omaha, NE: Masterworks Series Concerts.

Kirby, E. L. (2003). Bob's dilemma. In J. Keyton & P. Shockley-Zalabak (Eds.), *Organizational communication: Understanding communication processes* (pp. 287-294). Los Angeles, CA: Roxbury.

Kirby, E. L. (2003). Bob's dilemma [Instructional materials]. In J. Keyton & P. Shockley-Zalabak (Eds.), *Instructor's manual for organizational communication: Understanding communication processes* (pp. 179-185). Los Angeles: Roxbury.

Kirby, E. L., Golden, A. G., Medved, C. E., Jorgenson, J., & Buzzanell, P. M. (2003). An organizational communication challenge to the discourse of work and family research: From problematics to empowerment. In P. Kalbfleisch (Ed.), *Communication yearbook 27* (pp. 1-43). Mahwah, NJ: Lawrence Erlbaum.



BRUCE MALINA — THEOLOGY

Kirby, E. L., & Harter, L. M. (2003). Examining images of organizational diversity in popular culture. In S. Lucas (Ed.), *Selections from the communication teacher, 1999-2002* (pp. 35-37). Boston: McGraw-Hill.

Kirby, E. L., & Harter, L. M. (2003). Speaking the language of the bottom-line: The metaphor of "managing diversity." *Journal of Business Communication*, 40, 28-49.

Kuhlman, T. A. What I did last summer: Leisure and travel for Omahans a century ago. In *The Banner* (pp. 3-4). Douglas County Historical Society.

Kuhlman, T. A. (2003). Elements of spirituality in the architecture of American synagogues, 1763-2000. In L. J.

Greenspoon & R. A. Simkins (Eds.), *Studies in Jewish civilization, vol. 13: Spiritual dimensions of Judaism* (pp. 161-177). University of Nebraska Press.

Kuroki, N., Mordeson, J. N., & Cheng, S.-C. (2002). The upper approximation with respect to the least group congruence on an inverse semigroup. *Journal of Fuzzy Math*, 10, 1003-1010.

Lawler, M. G. (2002). Faith, praxis, and practical theology: At the interface of sociology and theology. *Horizons*, 29, 199-224.

Lawler, M. G. (2003). [Review of E. M. Hetherington & J. Kelly, *For better or for worse: Divorce reconsidered*]. *INTAMS Review*, 9, 135-136.

Lawler, M. G., & Risch, G. S. (2003). Sexuality education and the Catholic teenager: A report. *Catholic Education: A Journal of Inquiry & Practice*, 7, 53-74.

Maciejewski, J. J. (2003). Can natural law defend advertising? *Journal of Mass Media Ethics*, 18(2), 111-122.

Maciejewski, J. J. (2003). Frost warning: Advertising and “The road not taken.” In H. Good (Ed.), *Desperately seeking ethics: A guide to media conduct* (pp. 131-143). Lanham: Scarecrow Press.

Malina, B. J. (2002). Daily life in the New Testament period. In R. Averbeck, et al., *Life and culture in the ancient Near East* (pp. 357-372). CDL Press

Malina, B. J. (2002). La antropologia cultural del mundo mediterraneo y el Nuevo Testamento. In *El Mundo Social de Jesus y los Evangelios* [Presencia Teologica 116] (pp. 295-328). Santander: Sal Terrae.

Malina, B. J. (2002). The New Testament and homosexuality? Part 2: The social system behind Romans 2. *Verbum et Ecclesia*, 23(2), 393-407.

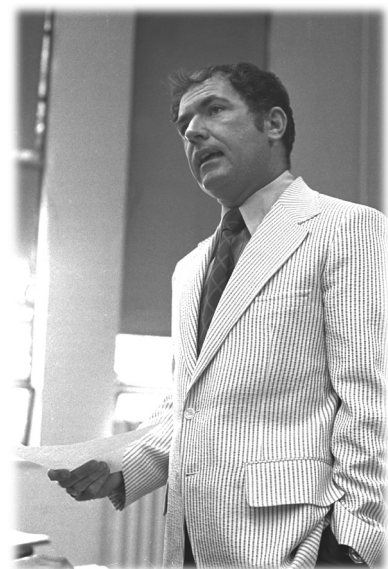
Malina, B. J. (2002). Sozialwissenschaftliche Methode in historischer Jesusforschung. In W. Stegemann, B. J. Malina, & G. Theissen (Eds.), *Jesus in neuen Kontexten* (pp. 11-22). Stuttgart: Kohlhammer.

Malina, B. J. (2002). Was Jesus a Jew? Was Aristotle a Greek-American? Translating “Ioudaios.” *Spirit Restoration* [On-line]. Available: <http://www.spiritrestoration.org>

Malina, B. J. (2002). We and they in Paul’s Letter to the Romans. *Hervormde Teologiese Studies*, 58, 608-631.

Malina, B. J., & Rohrbaugh, R. L. (2002). *Social science commentary on the Synoptic Gospels* (2nd ed.). Minneapolis: Fortress Press.

Mallenby, D. W., & Mallenby, M. L. (2003). Use of brief collaborative quizzes on new quantitative lecture material. *Decision Sciences Journal of Innovative Education*, 1(1), 141-144.



THOMAS KUHLMAN — ENGLISH

Mattson, B., Eskestrand, S., & Meyer, A. (2002, October). Microscale gas chemistry, part 21. The limiting reagent. A chemistry laboratory experiment. *Chem13 News*, 305.

Mattson, B., Eskestrand, S., & Mordechai Livneh, M. (2003, May). Microscale gas chemistry, part 23. Improved chlorine preparation. *Chem13 News*, 312.

Mattson, B., & Meyer, A. (2003, April). Microscale gas chemistry, part 22. Ziploc® bags for temporary gas storage and transfer. *Chem13 News*, 311.

Mattson, B., Saunders, E., DiSapio, C., & Hamilton, R. (2002, September). Microscale gas chemistry, part 20. Reversible oxidation of metallic copper. A laboratory experiment in a pipette. *Chem13 News*, 304.

Mo, Y., Dobberpuhl, D., & Dash, A. K. (2003). A simple LC method with pulsed EC detection for the analysis of creatine. *Journal of Pharmaceutical & Biomedical Analysis*, 32, 125-132.

Mordeson, J. N. (2002). Fuzzy commutative algebra and intersection equations. *Joint Conference on Information Sciences Proceedings*, 26-28.

Mordeson, J. N. (2002). Generating sets for T-fuzzy subspaces. *Journal of Fuzzy Math*, 10, 1025-1038.

Mordeson, J. N., Malik, D. S., & Cheng, S.-C. (2003). *Fuzzy semigroups. vol. 131*. Springer-Verlag.

Mueller, J. (2003). Welcoming the stranger among us: The PLOW method for multicultural ministry. *Servite Secular News*, 15.

Mueller, J. (2003, Spring). Downward mobility: A realistic choice? *Creighton University Magazine*, 32-37.

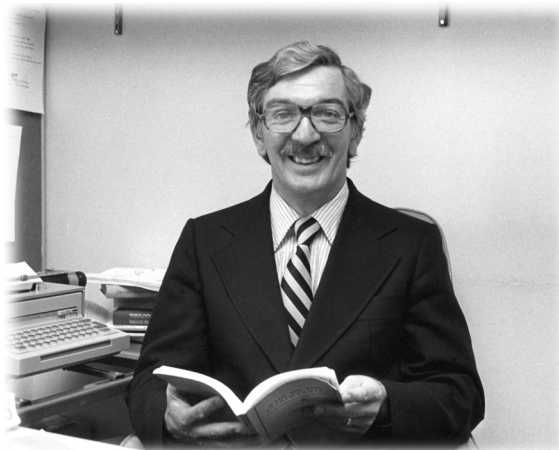
Mueller, J. (2003, March). Downward mobility: A realistic choice? [Reprinted]. *Saint Clare Fraternity Footsteps*, 3.

Mueller, J. (2003, April). Downward mobility: A realistic choice? [Reprinted]. *Saint Clare Fraternity Footsteps*, 2-3.

O'Keefe, J. (2003). Incorruption, anti-origenism, and incarnation: Eschatology in the thought of Cyril of Alexandria. In T. G. Weinandy & D. A. Keating (Eds.), *The theology of St. Cyril of Alexandria: A critical appreciation* (pp. 187-204). London & New York: T. & T. Clark.

Osgood, D. W., Finken, L. L., & McMorris, B. J. (2003). Analyzing multiple-item measures of crime and deviance II: Tobit regression. *Journal of Quantitative Criminology*, 18, 319-347.

Platz, J. E. (2003). [Review of F. T. Vertosick, Jr., *The genius within: Discovering the intelligence of every living thing*]. *Choice Magazine*, 40(5), 848.



MICHAEL LAWLER — THEOLOGY

Platz, J. E. (2003). [Review of L. Block, *To harness the wind: A short history of the development of sails*]. *Choice Magazine*, 40(5), 1929.

Reichhold, D., et al. [including Cherney, M., Chrin, J., Meier, J., Lin, J., & McShane, T. S.]. (2003). Hardware controls for the STAR experiment at RHIC. *Nuclear Instruments & Methods in Physics Research, Section A*, 499, 792.

Reidelberger, R. D., Castellanos, D., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on food intake in rats. *American Journal of Physiology - Regulatory, Integrative & Comparative Physiology*, 285, R429-R437.

Reidelberger, R. D., Heimann, D., Kelsey, L., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on feeding responses to duodenal nutrient infusions in rats. *American Journal of Physiology - Regulatory, Integrative & Comparative Physiology*, 284, R389-R398.

Reidelberger, R. D., Kelsey, L., Heimann, D., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on gastric emptying in rats. *American Journal of Physiology - Regulatory Integrative & Comparative Physiology*, 284, R66-R75.

Reno, R. R. (2002). *In the ruins of the Church: Sustaining faith in an age of diminished Christianity*. Grand Rapids: Brazos Press.

Reno, R. R. (2002). Revisionism. In T. Hart (Ed.), *Dictionary of historical theology* (pp. 485-488). London: Paternoster Press.

Reno, R. R. (2003). Theology in the ruins of the Church. *Pro Ecclesia*, 12(1), 15-36.

Roddy, N. (2002). [Critical review of W. B. Barrick, *The king and the cemeteries: Toward a new understanding of Josiah's reform*]. *Journal of Biblical Literature*, 121(3), 543-546.

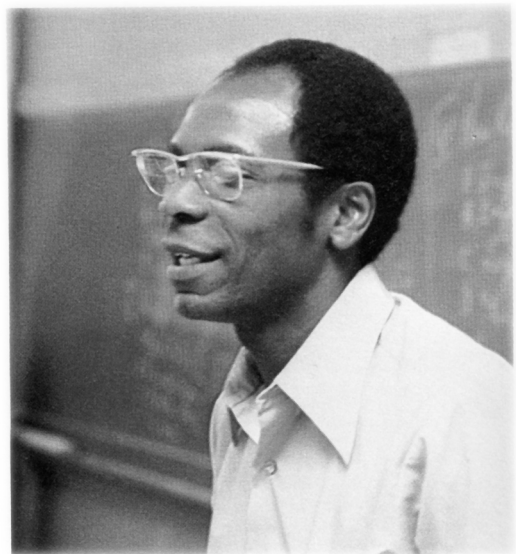
Roddy, N. (2003). [Critical review of G. Brin, *The concept of time in the Bible and the Dead Sea Scrolls*]. *Review of Biblical Literature* [On-line], 2. Available: www.bookreviews.org

Roddy, N. (2003). [Foreword]. In J. Phillips, *Planting Ephrem's tree: Reflections on creation from the Christian Near East*. Acton, MA: Copley Publishing.

Roddy, N. (2003). Ultimate reflections: Ethical dimensions of testamentary literature. *Clouds Magazine* [formerly *Revista Norii*] [On-line], 13. Available: <http://www.cloudsmagazine.com>

Salzman, T. A. (2002). The basic goods theory and revisionism: A methodological comparison on the use of tradition as a source of moral knowledge. *Studia Moralia*, 40(1), 171-204.

Salzman, T. A. (2002). Communion ecclesiology: Friendship as a model of dialogue within the Church. *Chicago Studies*, 4(1/3), 316-332.



ASHTON WELCH — HISTORY

Seger, J. E. (2002). Ultra-peripheral collisions at STAR. In V. Kundrat & P. Zavada (Eds.), *Elastic and diffractive scattering* (pp. 87-96). Prague: Institute of Physics.

Sidebottom, D. L. (2003). Influence of glass structure on the AC conductivity of alkali phosphate glasses. *Journal of Physics: Condensed Matter*, 15, S1585.

Sidebottom, D. L., & Murray-Krezan, C. M. (2002). Properties of the near constant loss in selected phosphate and germanate glasses. *Physical Review Letters*, 89, 195901.

Smith, D. D., Saha, S., Fang, G., Schaffert, C., Waugh, D. J. J., Zeng, W., Toth, G., Hulce, M., & Abel, P. W. (2003). Modifications to the N-terminus but not the C-terminus of calcitonin gene-related peptide(8-37) produces antagonists with increased affinity for CGRP receptors. *Journal of Medicinal Chemistry*, 46, 2427-2435.

Soukup, J. K., Minakawa, N., Matsuda, A., & Strobel, S. A. (2002). Identification of A-minor tertiary interactions within a bacterial group I intron active site by 3-deazaadenosine interference mapping. *Biochemistry*, 41, 10426-10438.

Spencer, B. (2002, Summer). Down in the jungle room [Short story]. *Epoch*, 51, 2.

Spencer, B. (2003). Save or turn to stone [Short story]. In S. Clark & M. Saiser, *Road trip: Conversations with writers*. Backwaters Press.

Spencer, B. (2003, Spring). Class report [Short-short story]. In D. W. Moore, *Sudden stories: A mammoth anthology of minuscule fiction*. Mammoth Press.

Spencer, B. (2003, Spring). Down in the jungle room [Short-short story]. In D. W. Moore, *Sudden stories: A mammoth anthology of minuscule fiction*. Mammoth Press.

Stegemann, W., Malina, B. J., & Theissen, G. (Eds.). (2002). *Jesus in neuen Kontexten*. Stuttgart: Kohlhammer.

Stenberg, S. (2002). Embodied subjects, embodied knowledges: Re-thinking the mind/body split. *Composition Studies*, 30(2), 43-60.



Stenberg, S. (2002). Learning to change: The development of a (basic) writer and her teacher. *Journal of Basic Writing*, 21(2), 37-55.

Stenberg, S., & Lee, A. (2002). Developing pedagogies: Learning the teaching of English. *College English*, 64(3), 326-347.

Stephens, W. O. (2002). [Review of A. A. Long, *Epictetus: A Stoic and Socratic guide to life*]. *Bryn Mawr Classical Review* [On-line], 2002.11.03. Available: <http://ccat.sas.upenn.edu/bmcr/2002/2002-11-03.html>

Stephens, W. O. (2002). [Review of K. Aronson, *To eat flesh they are willing, are their spirits weak? Vegetarians who return to meat*]. *Between the Species: An Electronic Journal for the Study of Philosophy and Animals* [On-line]. Available: <http://www.cla.calpoly.edu/~jlynch/ARONSONB.htm>

Stephens, W. O. (2003). [Review of T. Govier, *Forgiveness and revenge*]. *Essays in Philosophy* [Online], 4(2). Available: <http://www.humboldt.edu/~essays/stephensrev.html>

Stone, N. J. (2003). Environmental view and color for a simulated telemarketing task. *Journal of Environmental Psychology*, 23, 63-78.

Ware, M. E., Badura, A. S., & Davis, S. F. (2002). Using student scholarship to develop student research and writing skills. *Teaching of Psychology*, 29, 151-154.

Ware, M. E., & Ponec, D. L. (2002). Lifelong learning: Lessons learned. In S. F. Davis & W. Buskist (Eds.), *The teaching of psychology: Essays in honor of Wilbert J. McKeachie and Charles L. Brewer* (pp. 259-270). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

Whipple, R. (2002). Helping students perform better on essay exams. *The Teaching Professor* [Online], 6(9), 6. Available: http://www.cetl.gatech.edu/menu_options/pub/0211TP.pdf

Wirth, E. (2003). *Effective Catholic high school public relations, a book of cases*. Washington, DC: National Catholic Educational Association.

Wright, W. M. (2002). Potter and clay: Thoughts on forming and being formed. *Weavings*, 17(2), 6-11.

Wright, W. M. (2002). The practice of spiritual direction in classic and contemporary modes. *Theoforum*, 33, 141-153.

Wright, W. M. (2002). Sacred dwellings column. *Family Ministry*, 15(4), 9-11.

Wright, W. M. (2002). Sacred dwellings column. *Family Ministry*, 16(2), 8-11.

Wright, W. M. (2002). A Salesian Pentecost: Thérèse of Lisieux, Léonie Aviat and Salesian tradition. *Studies in Spirituality*, 12, 156-177.

Wright, W. M. (2003). Elizabeth Ann Seton. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Francis de Sales. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Jean Pierre Caussade. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Lawrence of the Resurrection. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.



REV. RICHARD HAUSER, S.J. —
THEOLOGY

Wright, W. M. (2003). Little things: A meditation in three parts. *Weavings*, 18(1), 12-21.

Wright, W. M. (2003). Sacred Heart. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). *Seasons of a family's life: Cultivating the contemplative spirit at home*. San Francisco: Jossey Bass.

Wright, W. M. (2003). Spiritual direction. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Spiritual tears. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Wright, W. M. (2003). Vincent de Paul. In K. Beasley-Topliffe (Ed.), *The upper room dictionary of spiritual formation*. Nashville: Upper Room.

Zapotocny, C. Z., & Byrd, S. F. (2003). An examination of the eastern Nebraska and western Iowa flash flood event of 6-7 August 1999. *National Weather Digest*, 26(1/2), 7-26.

Zardetto-Smith, A. M., Mu, K., Royeen, C., Phelps, C. L., & Houtz, L. E. (2002). Brains rule! Fun = learning = neuroscience literacy. *The Neuroscientist*, 8(5), 396-404.



DAVID HABERMAN — JOURNALISM

COLLEGE OF BUSINESS ADMINISTRATION

Abrams, J. J. (2002). Aesthetics of self-fashioning and cosmopolitanism: Rorty and Foucault on the art of living. *Philosophy Today*.

Abrams, J. J. (2002). Philosophy after the mirror of nature: Rorty, Dewey, and Peirce on pragmatism and metaphor. *Metaphor & Symbol*, 17(3), 227-242.



REV. NEIL CAHILL, S.J. —
BUSINESS ADMINISTRATION

Abrams, J. J. (2003). Cinema and the aesthetics of the dynamical sublime: Kant, Deleuze, and Heidegger on the architecture of film. *Film & Philosophy*.

Angeles, R., & Nath, R. (2003). Electronic supply chain partnerships: Reconsidering relationship attributes in customer-supplier dyads. *Information Resources Management Journal*, 16(3), 59-84.

Ault, J., & Gleason, J. (2003). U.S. Government decision makers' expectations and patterns of use of emerging and existing information technologies. *Government Information Quarterly*, 20(1), 63-76.

Basu, C., Palvia, P., & Chen, L. (2002). Managing business processes in the realm of Internet worked business organizations. In M. Drake (Ed.), *Encyclopedia of library and information science*.

Chen, L., Gillenson, M., & Sherrell, D. (2002, September). Enticing online consumers: A technology acceptance perspective. *Information & Management*, 39, 705-719.

Chen, L., Haney, S., Pandzik, A., Spareglli, J., & Jesseman, C. (2003). Small business Internet commerce: A case study. *Information Resource Management Journal*, 16(3), 17-41.

Chen, L., Muthitacharoen, A., & Frolick, M. (2003). Investigating the use of role play training to improve the communication skills of IS professionals: Some empirical evidence. *Journal of Computer Information Systems*, 43(3), 67-74.

Chen, L., & Solimon, K. (2002). Managing IT outsourcing: A value-driven approach to outsourcing using application service providers. *Logistics Information Management*, 15(3), 180-191.

Clark, T. D., Goss, E., & Kosova, L. (2003). *Changing attitudes toward economic reform during the Yeltsin era*. Westwood, CT: Greenwood Publishing, Inc.

Clark, T. D., Goss, E., & Kosova, L. (2003). Economic well-being and popular support for market reform in Russia. *Economic Development & Cultural Change*, 51(3), 753-768.

Corritore, C. L., Kracher, B., & Wiedenbeck, S. (2002). Preliminary testing of a model for online trust. *Proceedings for the American Society for Information Science & Technology (ASIST)*, 543-544.

Corritore, C., Kracher, B., & Wiedenbeck, S. (2003). An editorial on trust and technology. *International Journal of Human-Computer Studies*, 58(5), 633-635.

Corritore, C., Kracher, B., & Wiedenbeck, S. (2003). Online trust: Concepts, evolving themes, a model. *International Journal of Human-Computer Studies*, 58(6), 737-758.

Fitzsimmons, E. L. (2002). Economic reform and poverty in Latin America and the Caribbean: A brief statistical sketch. *Journal of Economics*, 28(2), 17-30.

Fitzsimmons, E. L. (2002, April). Small cities abuzz with business in Nebraska. *Business in Nebraska*, 1-5.

Fitzsimmons, E. L. (2003). Factors that influenced the success of Nebraska business start-ups, 1996-1999. *Business in Nebraska*, 1-5.

Fitzsimmons, E. L., & Mallenby, D. W. (2002). Market power in the railroad industry. *Journal of the Transportation Research Forum*, 41(2), 67-75.

Flinn, R. (2002). Forensic news. *Journal of Forensic Accounting*, 3(2), 283-288.

Flinn, R. (2002 December). Environmental corner. *Oil, Gas & Energy Quarterly*, 51(2), 407-431.



SALVATORE VALENTINO —
BUSINESS ADMINISTRATION

Flinn, R. (2003). Forensic news. *Journal of Forensic Accounting*, 4(1), 157-164.

Flinn, R. (2003 March). Environmental corner. *Oil, Gas & Energy Quarterly*, 51(3), 619-633.

Flinn, R. (2003 June). Environmental corner. *Oil, Gas & Energy Quarterly*, 51(4), 807-821.

Gleason, J., & Barnum, D. (2002). An assessment of the digital-economy-friendliness of the fifty largest consolidated metropolitan statistical areas: A data envelopment analysis. *Proceedings of the 2002 International Conference on Information Systems & Engineering*, 135-140.

Goss, E. P. (2002). Health care organizational learning: Predicting death in the ICU with neural networks. *Health Care Management Science*, 5, 221-227.

Goss, E. P. (2003). *Economic growth and support for market reform in Russia*. Greenwood Press.

Goss, E. P. (2003). Economic well-being and popular support for market reform in Russia. *Economic development & cultural change*, 51(3), 753-768.

Goss, E. P. (2003). The impact of the Internet on the gender wage gap. *Communications of the ACM*.

Goss, E. P., & Phillips, J. (2002). How information technology affects wages: Evidence using Internet usage as a proxy for IT skills. *Journal of Labor Research*, 23(3), 463-474.

Huang, Z., Chen, L., & Frolick M. (2002, Winter). Integrating web-based data into a data warehouse. *Information Systems Management*, 19(1), 23-34.

Jenkins, C., Corritore, C., & Wiedenbeck, S. (2003). Patterns of information seeking on the web: A qualitative study of domain expertise and web expertise (Schneiderman, Lazar & Ivory, Eds.). *IT & Society: An Online Journal* [Special edition on web navigation], 1(3), 64-89.

Jorgensen, R. D., & Farinella, J. A. (2002). Fee waivers for tax-exempt money market mutual funds. *Journal of Economics & Finance*, 26(1).



THOMAS NITSCH — ECONOMICS

Krogstad, J., & Smith, G. (2003, March). Assessing the influence of Auditing: A Journal of Practice & Theory: 1985-2000. *Auditing: A Journal of Practice & Theory*, 22(1), 195-204.

Mallenby, D. W., & Mallenby, M. L. (2003). Use of brief collaborative quizzes on new quantitative lecture material. *Decision Sciences Journal of Innovative Education*, 1(1), 141-144.

Marble, R. (2003). A system implementation study: Management commitment to project management. *Information & Management*, 41(1), 111-123.

Moorman, R. H., & Harland, L. K. (2002). Temporary workers as good citizens: Factors influencing their organizational citizenship behavior performance. *Journal of Business & Psychology*, 17, 171-187.

Moorman, R. H., Wells, D., & Wilwerding, S. (2003). Leadership development as an extra-curricular activity: Guiding the undergraduate leadership development experience. In R. Pillai and S. Stites-Doe (Eds.), *Teaching leadership: Innovative approaches for the 21st century*. Greenwich, CT: Leadership Horizons Press.

Murthy, N. R. V. (2002). Macroeconomy and the well-being of low income African American families. *Journal of Economics & Finance*, 26, 327-333.

Murthy, N. R. V., & Okunade, A. (2002). Technology as a “major driver” of health care costs: A cointegration analysis of the newhouse conjecture. *Journal of Health Economics*, 21, 147-159.

Purcell, T. (2002, April). New independence standards will impact practice. *The Nebraska CPA*, 2.

Purcell, T. (2002, September). New guidance given for cash method accounting. *The Nebraska CPA*, 8.

Purcell, T. (Ed.). (2002 Summer). Affiliated and related corporations. *Tax Lawyer*, 55.

Purcell, T. (Ed.). (2002 August). DC currents column. *The Tax Adviser*, 33, 538-539.

Purcell, T. (Ed.). (2002, November). DC currents column. *The Tax Adviser*, 33, 106-107.

Purcell, T. (Ed.). (2003, February). DC currents column. *The Tax Adviser*, 34, 106-107.

Purcell, T. (Ed.). (2003, May). DC currents column. *The Tax Adviser*, 34, 288-289.

Purcell, T., Dennis-Escoffier, S., Rubin, J., & Totten, J. (2003, February). Preparing students for the new CPA examination. *The Tax Adviser*, 34(2), 108-110.

Purcell, T., & Herndon, D. (2002). Use of the cash method of accounting by closely held businesses. *Business Entities*, 4(5), 14-19, 64.

Raval, V. (2003, Spring). Security, society, and skepticism. Windows on the world. *Information Strategy: The Executive's Journal*, 43-47.

Raval, V., & Lewis, T. (2003, March). Seven signs of successful communication. *The Management Accountant*, 186-189.

Raval, V., & Shimerda, T. (2002, Summer). Integrating AIS course content using concept maps. *The Review of Business Information Systems*, 85-95.

Tan, J. (2002). The changing competitive landscape: Opportunities and challenges [Invited featured article]. *China MBA*, 1(Inaugural issue), 50-58.

Tan, J. (2002). Competitive strategies for industry standard [in Chinese]. *Economic Management*, 13, 8-12.



ANDREW HOH — MARKETING

Tan, J. (2002). Culture, nation, and entrepreneurial strategic orientation: Implications for an emerging economy. *Entrepreneurship: Theory & Practice*, 26(4), 96-111.

Tan, J. (2002). Impact of ownership type on environment, strategy, and performance: Evidence from China. *Journal of Management Studies*, 39(3), 333-354.

Tan, J. (2002). A theoretical review of corporate strategies for Kelong Group: Implications for practice [in Chinese]. *Successful Marketing*.

Tan, J. (2003). Competitive strategies in microwave oven market: How imitator surpassed innovator [in Chinese]. *Successful Marketing*, 1, 92-95.

Tan, J. (2003). A new framework of competitive strategy for entrepreneurial firms [in Chinese]. *China MBA*, 1, 72-78.

Tan, J. (2003). Strategies for new product development [in Chinese]. *China MBA*, 2, 78-81.

Tan, J., & Chen, L. D. (2003). Key determinants of consumer acceptance of virtual stores: Some empirical evidence. In J. Gupta & S. K. Sharma (Eds.), *Intelligent enterprises of the 21st century*. Hershey, PA: Idea Group Publishing.

Tan, J., & Jiang, L. (2002). Internet and impact on advertising [in Chinese]. *Economic Management*, 15, 65-68.

Tan, J., & Li, S. (2002). Firm resources and capabilities as determinants of performance: Evidence from China. In I. Alon (Ed.), *Global business in China*. Greenwood Publishing Group.

Tan, J., & Luo, Y. (2003). Structuring international joint ventures: How should contractual design be aligned with environmental conditions? *Management International Review*.

Tan, J., & West, J. (2003). Qualcomm in China (A). *Asian Case Research Journal*, 6(2), 85-99.

Tan, J., & West, J. (2003). Qualcomm in China (B). *Asian Case Research Journal*, 6(2), 101-128.

Tan, J., & Young, M. (2003). Beijing Jeep at a crossroads: Facing the challenge of China's entry into the WTO. In M. A. Hitt, R. D. Ireland, & R. E.

Hoskisson, *Strategic management: Competitiveness and globalization*.



Taylor, M. H., & Simon, D. (2002). Audit markets in emerging economies: Evidence from Nigeria. In R. S. Olusegun Wallace, R. J. Briston, S. M. Saudaragan, et al., *Research in Accounting in Emerging Economies* (vol. 5, pp. 165-276).

Thomas, C., Corritore, C. L., Kracher, B., & Wiedenbeck, S. (2003). Development and validation for a scale for measuring online trust. In J. Jacks & S. Stephanidis (Eds.), *Proceedings for the human*

computer interaction international conference - Human computer interaction: Theory & practice [part 1], 1, (pp. 716-720). Mahway, NJ: Erlbaum.

Workman, J. P., Jr., Homburg, C., & Jensen, O. (2002). A configurational approach on key account management. *Journal of Marketing*, 66, 38-60.

Workman, J. P., Jr., Homburg, C., & Jensen, O. (2003). Intraorganizational determinants of key account management effectiveness. *Journal of the Academy of Marketing Science*, 31, 3-21.

Workman, J. P., Jr., Krohmer, H., & Homburg, C. (2002). Should marketing be cross-functional? Conceptual development and international empirical evidence. *Journal of Business Research*, 55(6), 451-465.

SCHOOL OF DENTISTRY

Ibarrola, J. L., Reynolds, R. K., Hermsen, M. S., Howard, J. H., & Knowles, K. I. (2002). Evaluation of three methods of obturation using the Obtura II system. *Brazilian Journal of Oral Science*, 1, 134-136.

Romito, L. M. (2003). Introduction to nutrition and oral health. *Dental Clinics of North America*, 47(2), 187-207.

Romito, L. M. (Guest Editor). (2003). *The Dental Clinics of North America: Nutrition & Oral Health*, 47(2).

Shaner, J. W. (2002, September). Caries associated with methamphetamine abuse. *Journal of the Michigan Dental Association*, 42-47.

Shaner, J. W. (2002, December). Caries associated with methamphetamine abuse. *The New York State Dental Journal*, 20-23.

Welie, J. V. M., Simpson, M., & Westerman, G. H. (2002). The troubled history of dental advertising. Part 4: Ethical reflections. *Bulletin of the International Dental Ethics & Law Society*, 2(2), 8-11 [modified reprint].

Westerman, G. H., Flaitz, C. M., Powell, G. L., & Hicks, M. J. (2002). Enamel caries initiation and progression after argon laser irradiation: *In vitro* argon laser systems comparison. *Journal of Clinical Laser Medicine & Surgery*, 20(5), 257-262.



CHARLES VACANTI — DENTISTRY

SCHOOL OF LAW

ANDERSON, T. M., & GARDNER, T., CRIMINAL LAW (Wadsworth, 8th ed. 2003).

ANDERSON, T. M., & GARDNER, T., CRIMINAL LAW — TEACHER'S MANUAL (Wadsworth, 8th ed. 2003).

ANDRUS, K. L., CHARLES, P. J., JOHNSON, T. C., & KITCHEL, A. C., RESEARCH GUIDE TO NEBRASKA LAW (LexisNexis 2003).

BORCHERS, P. J., *The Incredible Shrinking Hague Evidence Convention*, 38 TEXAS INTERNATIONAL LAW JOURNAL 73 (2003).

BORCHERS, P. J., *Interstate Recognition of Non-Traditional Marriages*, in MARRIAGE AND SAME-SEX UNIONS: A DEBATE (Praeger 2003) (L. D. Wardle, M. Strasser, W. C. Duncan, & D. O. Coolege, eds.).

BORCHERS, P. J., *Jurisdiction to Adjudicate Revisited*, in LAW AND JUSTICE IN A MULTISTATE WORLD: ESSAYS IN HONOR OF ARTHUR VON MEHREN (Transitional Publishers 2002) (S. C. Symeonides & J. A. R. Nafziger, eds.).

BORCHERS, P. J., *Testimony of Dean Patrick J. Borchers Regarding LB 841*, NEBRASKA LAWYER 29 (February 2003).

BORCHERS, P. J., *2002 Supplement*, in CONFLICT OF LAWS (West Group, 3rd ed. 2000).

CULHANE, M., & WHITE, M., *Enforcing (or Not) Arbitration Clauses in Bankruptcy*, in 2003 CONSUMER FINANCIAL SERVICES LITIGATION (Practicing Law Institute 2003).

DALLON, C. W., *Theories of Real Estate Broker Liability and the Effect of the "As Is" Clause*, 54 FLORIDA LAW REVIEW 395 (2002)

DALLON, C. W., *Theories of Real Estate Broker Liability and the Effect of the "As Is" Clause*, reprinted in 15 MINNESOTA REAL ESTATE LAW JOURNAL 65 (September/October 2002).

DICKHUTE, N. L., *Just the Facts Ma'am*, NEBRASKA LAWYER 14 (January 2003).

DICKHUTE, N. L., *"May It Please the Court ...": A Year of Excellence in Skills Competitions at Creighton*, CREIGHTON LAWYER MAGAZINE 10 (Summer 2003).

FENNER, G. M., *Among Friends*, CREIGHTON LAWYER MAGAZINE 8 (Summer 2003).

FENNER, G. M., *Justice Thomas Unplugged*, CREIGHTON LAWYER MAGAZINE 3 (Winter 2002).

FENNER, G. M., *Letter from Kathmandu*, CREIGHTON LAWYER MAGAZINE 13 (Winter 2002).

FENNER, G. M., NEBRASKA JURY INSTRUCTIONS: CIVIL (West Group, 2nd ed. 2002).



RODNEY SHKOLNICK — LAW

FENNER, G. M., *The Two Most Important Trials of This Young Century*, CREIGHTON LAWYER MAGAZINE 13 (Summer 2003).

KELLY, M. J., *Could the New International Criminal Court Try Americans for War Crimes in Iraq?*, JURIST (March 17, 2003), at <http://jurist.law.pitt.edu/forum/forumnew102.php>

KELLY, M. J., *Midlands Voices: Boost U.N. Legitimacy by Adding Members to Security Council*, OMAHA WORLD-HERALD, May 18, 2003, at 11B [Op ed].

KELLY, M. J., & MACK, R. L., *The War on Terror: Assaulting Democracy at Home?*, CREIGHTON UNIVERSITY MAGAZINE 14 (Spring 2003).

KIRCHER, J. J., & WISEMAN, C. M., *2001, 2002, & 2003 Cumulative Supplements*, in PUNITIVE DAMAGES: LAW AND PRACTICE (2d ed., West Group 2000); revised chaps. 17 (2001), 3 (2002) & 5 (2003).

MACK, R. L., *First Time Unlucky: The Jurisprudential Misadventures of the Foreign Intelligence Surveillance Court of Review*, JURIST (November 26, 2002), at <http://jurist.law.pitt.edu/forum/forumnew75.php>

MANGRUM, C. R., MANGRUM ON NEBRASKA EVIDENCE (West 2002).

MELILLI, K. J., *The Consequences of Refusing Consent to a Search or Seizure: The Unfortunate Constitutionalization of an Evidentiary Issue*, 75 SOUTHERN CALIFORNIA LAW REVIEW 901 (2002).

MORSE, E. A., *Taxing Plaintiffs: A Look at Tax Accounting for Attorney's Fees and Litigation Costs*, 107 DICKINSON LAW REVIEW 405-502 (2003).

PEARSON, E., ENVIRONMENTAL AND NATURAL RESOURCES LAW — STATUTORY SUPPLEMENT (Lexis 2002).

PEARSON, E., ENVIRONMENTAL AND NATURAL RESOURCES LAW — TEACHER'S MANUAL (Lexis 2002).

PURCELL, T. J., *Affiliated and Related Corporations*, 55 TAX LAWYER 1015 (2002).

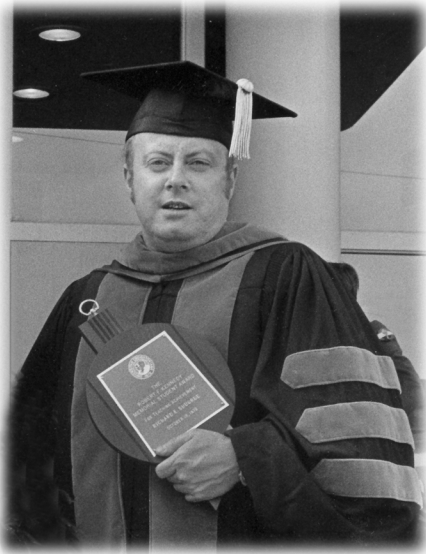
PURCELL, T. J., *DC Currents Column*, 34 TAX ADVISER [quarterly] (2003).

PURCELL, T. J., & HERNDON, D., *Use of the Cash Method by Closely-Held Businesses*, 4 BUSINESS ENTITIES 14 (September/October 2002).

RAFUL, L., & VOLKMER, R. R., *A Spring Break with Substance 2*, CREIGHTON LAWYER MAGAZINE 18 (Summer 2003).



JAMES DOYLE & RON VOLKMER — LAW



RICHARD SHUGRUE — LAW

SHUGRUE, R. E., ... *And They're Off! Santonis Retire Early, Head for Sunny California*, CREIGHTON LAWYER MAGAZINE 3 (Summer 2003).

SHUGRUE, R. E., THE HONORABLE LYLE E. STROM (District of Nebraska Branch of the Historical Society of the United States Courts in the Eighth Circuit 2002) [videorecording].

SHUGRUE, R. E., THE HONORABLE WILLIAM CAMBRIDGE (District of Nebraska Branch of the Historical Society of the United States Courts in the Eighth Circuit 2002) [videorecording].

SHUGRUE, R. E., *Shugrue*, DAILY REC. [weekly].

TEPLY, L. L., LAW SCHOOL COMPETITIONS IN A NUTSHELL (West 2002).

TEPLY, L. L., & WHITTEN, R. U., *Teaching Civil Procedure Using an Integrated Case-Text-and-Problem Method*, 47 St. Louis University Law Journal 91 (2003).

TEPLY, L. L., & WHITTEN, R. U., *2002 Supplement*, in CIVIL PROCEDURE (Foundation Press, 2nd ed. 2000).

TEPLY, L. L., WHITTEN, R. U., & McLAUGHLIN, D. F., CASES, TEXT, AND PROBLEMS ON CIVIL PROCEDURE (W. S. Hein, 2nd ed. 2002).

TEPLY, L. L., WHITTEN, R. U., & McLAUGHLIN, D. F., CASES, TEXT, AND PROBLEMS ON CIVIL PROCEDURE — TEACHER'S MANUAL (W. S. Hein, 2nd ed. 2002).

VOLKMER, R. R., *Cumulative Supplement*, in THOMPSON ON REAL PROPERTY, chaps. 82, 83 (2nd Thomas ed. 2003), Vol. 9.

VOLKMER, R. R., *Probate Appeals*, in NEBRASKA APPELLATE PRACTICE HANDBOOK 2002 (Nebraska State Bar Association 2002).

VOLKMER, R. R., *Recent Fiduciary Decisions*, 30 ESTATE PLANNING [Bi-monthly] (2002-2003).

VOLKMER, R. R., *Update on the Proposed Nebraska Uniform Trust Code*, NEBRASKA LAWYER 26 (February 2003).

WHITTEN, R. U., *Choice of Law, Jurisdiction, and Judgment Issues in Interstate Adoption Cases*, 31 CAPITAL UNIVERSITY LAW REVIEW 803 (2003).

WHITTEN, R. U., McDOUGAL, L. L., & FELIX, R. L., *2002 Supplement*, in AMERICAN CONFLICTS LAW: CASES AND MATERIALS (Lexis Law Publishing, 3rd ed. 1998).

WISEMAN, C. M., et al., *1998-2003 Cumulative Supplements*, in WISCONSIN PRACTICE: CRIMINAL PRACTICE AND PROCEDURE (West Publishing Co., 1996)

SCHOOL OF MEDICINE

Ahmed, S. I., Budai, B., Murphy, R. F., & Lovas, S. (2002). Promotion of growth of colonic cancer cells by N-carboxymethyl gastrin through a non-CCK2 receptor. *Peptides 27th European Peptide Symposium*, 820-821.

Ahmed, S. I., Wibowo, F., Gembitsky, D. S., Murphy, R. F., & Lovas, S. (2002). Role of the C-terminal and central region of gastrin for recognition by the human CCK2 receptor. *Peptides: The Wave of the Future 2001*, 693-694.

Akhter, M. P., Cullen, D. M., & Recker, R. R. (2002). Bone adaptation response to sham and bending stimuli in mice. *Journal of Clinical Densitometry*, 5, 207-216.

Akhter, M. P., Iwaniec, U. T., Haynatzki, G. R., Fung, Y. K., Cullen, D. M., & Recker, R. R. (2003). Effects of nicotine on bone mass and strength in aged female rats. *Journal of Orthopaedic Research*, 21, 14-19.

Alberts, S. R., Townley, P. M., Goldberg, R. M., Cha, S. S., Moore, D. F., Jr., Krook, J. E., Pitot, H. C., Fitch, T. R., Wisenfeld, M., Mailliard, J. A., & Sargent, D. J. (2002). Gemcitabine and oxaliplatin for patients with advanced or metastatic pancreatic cancer: A North Central Cancer Treatment Group (NCCTG) phase I study. *Annals of Oncology*, 13, 553-557.

Alberts, S. R., Townley, P. M., Goldberg, R. M., Cha, S. S., Sargent, D. J., Moore, D. F., Jr., Krook, J. E., Pilot, H. C., Fitch, T. R., Wisenfeld, M., & Mailliard, J. M. (2003). Gemcitabine and oxaliplatin for metastatic pancreatic adenocarcinoma: A North Central Cancer Treatment Group phase II study. *Annals of Oncology*, 14, 580-585.

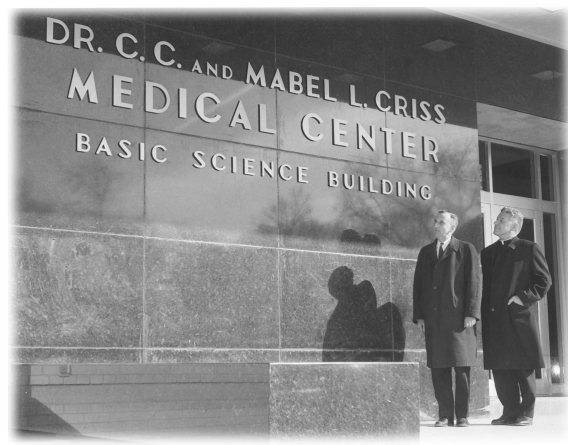
Ali, M. F., Lips, K. R., Knoop, F. C., Fritsch, B., Miller, C., & Conlon, J. M. (2002). Antimicrobial peptides and protease inhibitors in the skin secretions of the crawfish frog, *Rana areolata*. *Biochimica et Biophysica Acta*, 1601(1), 55-63.

Aronoff, R., Arregui, M., Caushaj, P., Coletta, A., Duncan, T., Felix, T. E., Fenoglio, M., Filip, C., Finley, C., Fitzgibbons, R., et al. (2002). Ethical issues in endoscopic surgery. *Surgical Endoscopy*, 17(3), 522-523.

Arouni, A. J., & Rich, E. C. (2003). Physician gender and patient care. *Journal of Gender Specific Medicine*, 6(1), 24-30.

Attard, T. M., & Lynch, H. T. (2003). Diagnosis and management issues in pediatric patients with gastrointestinal polyps. In *Practical gastroenterology* (pp. 57, 59, 63, 64, 66, 68,70-72).

Bakker, C., Gardner, R., Koliatsos, V., Kerbeshian, J., Looney, J. G., Sutton, B., Swann, A., Verhulst, J., Wagner, K. D., Wamboldt, F., & Wilson, D. R. (2002). The social brain: A unifying foundation for psychiatry. *Academic Psychiatry* [On-line], 26, 219. Available: <http://ap.psychiatryonline.org/cgi/content/full/26/3/219>



RICHARD EGAN — MEDICINE &
REV. CARL REINERT, S.J.

Barger-Lux, M. J., & Heaney, R. P. (2002). Effects of above average summer sun exposure on serum 25-hydroxy vitamin D and calcium absorption fraction. *Journal of Clinical Endocrinology & Metabolism*, 87(11), 4952-4956.

Barger-Lux, M. J., & Recker, R. R. (2003). Bone microstructure in osteoporosis: Transilial biopsy and histomorphometry. *Topics in Magnetic Resonance Imaging*, 13(5), 297-306.

Bartz, J. C., Kincaid, A. E., & Bessen, R. A. (2003). Rapid prion neuroinvasion following tongue infection. *Journal of Virology*, 77(11), 583-591.

Beisel, K. W., & Fritzsche, B. (2003). Diverse and dynamic expression patterns of voltage-gated ion channel genes in rat cochlear hair cells. In A. W. Gummer (Ed.), *Biophysics of the cochlea: From molecules to model* (pp. 191-193). Singapore: World Scientific Publishing, Co.

Beisel, K. W., & Fritzsche, B. (2003). Evolution of complex genetic networks: From operons to promoter regulation and from cells to organisms. In M. A. Arbib (Ed.), *The handbook of brain theory and neural networks* (pp. 421-426). Cambridge: MIT Press.

Berry, D. A., Iversen, E. S., Gudbjartsson, D. F., Hiller, E. H., Garber, J. E., Peshkin, B. N., Lerman, C., Watson, P., Lynch, H. T., Hilsenbeck, S. G., Rubinstein, W. S., Hughes, K. S., & Parmigiani, G. (2002). BRCAPRO validation, sensitivity of genetic testing of BRCA1/BRCA2, and prevalence of other breast cancer susceptibility genes. *Journal of Clinical Oncology*, 20, 2701-2712.

Bockman, C. S., & Zeng, W. (2002). Histamine receptor type coupled to nitric oxide-induced relaxation of guinea-pig nasal mucosa. *Autonomic & Autacoid Pharmacology*, 22(5-6), 269-276.

Bonic, A., & Mackin, R. B. (2003). Expression, purification, and PC1-mediated processing of human proglucagon, glicentin, and major proglucagon fragment. *Protein Expression & Purification*, 28(1), 15-24.

Borics, A., Murphy, R. F., & Lovas, S. (2003). Fourier transform vibrational circular dichroism as a decisive tool for conformational studies of peptides containing tyrosyl residues. *Biopolymers: Biospectroscopy*, 72, 21-24.



MARY JANET BARGER-LUX —
OSTEOPOROSIS RESEARCH

Bowers, R. T., & Snyder, J. (2003). Assessment and treatment of bipolar disorder in children and adolescents. In L. Vandecreek & T. L. Jackson (Eds.), *Innovations in clinical practice: Focus on children and adolescents* (pp. 5-19). Sarasota, FL: Professional Resource Press.

Brauer, P. R. (2003). *Human embryology: The ultimate USMLE step 1 review*. Philadelphia: Hanley & Belfus Medical Publishers.

Brody, G. A., Dickey, N., Ellenberg, S. S., Heaney, R. P., Levine, R. J., O'Brien, R. L., Purtilo, R. B., & Weijer, C. (2003). Is the use of placebo controls ethically permissible in clinical trials of agents intended to reduce fractures in osteoporosis? *Journal of Bone & Mineral Research*, 18(6), 1105-1109.

Burke, W., Acheson, L., Botkin, J., Bridges, K., Evans, J., Frias, J., Hansen, J., Kahn, N., Pagon, R., Pinsky, L., Press, N., Puryear, M.,

Stevens, N., Thompson, E., Wartman, S., Wilson, M., & Rich, E. C. (2002). Genetics for primary care: A USA faculty development initiative. *Community Genetics*, 5, 138-146.

Cai, D. H., & Brauer, P. R. (2002). A synthetic matrix metalloproteinase inhibitor decreases early cardiac neural crest migration in chicken embryos. *Developmental Dynamics*, 224, 441-449.

Cao, Y., Pieretti, M., Marshall, J., Khattar, N. H., Chen, B., Kam-Morgan, L., & Lynch, H. (2002). Challenge in the differentiation between attenuated familial adenomatous polyposis and hereditary nonpolyposis colorectal cancer: Case report with review of the literature. *American Journal of Gastroenterology*, 97, 1822-1827.

Casale, T., Blaiss, M., Gelfand, E., Gilmore, T., Harvey, P., Hindmarch, I., Simons, F., Spangler, D., Szeffler, S., Terndrup, T., Waldman, S., Weiler, J., & Wong, D. (2003). Antihistamine impairment roundtable — First do no harm: Managing impairment in patients with allergic rhinitis. *Journal of Allergy & Clinical Immunology*, 111(5), S835-S842.

Casale, T., & Cydulka, R. (2003). Practical implications of emergency department treatment of allergic reactions. In *Video CME Series 2003* (Special ed., pp. 3-16). American College of Emergency Physicians.

Casale, T., Nelson, H., Kemp, J., Parasuraman, B., Ruyniak, T., & Liljas, B. (2003). Budesonide turbuhaler delivered once daily improves health-related quality of life and maintains improvements with a stepped-down dose in adults with mild to moderate asthma. *Annals of Allergy, Asthma, & Immunology*, 90(3), 323-330.

Casale, T. B. (2003). A look at the future: New approaches to treating airway inflammation. *Respiratory Digest* (Special report), 17-23.

Casale, T. B. (2003). Managing antihistamine impairment in allergic rhinitis. *Respiratory Digest*, 51(2), 1-11.

Casale, T. B., Fujimura, N., & Sharma, O. P. (2002). Round table discussion: Currently available inhalation devices for the treatment of asthma. *International Review of Asthma*, 4(1), 9-35.

Casale, T. B., Gelfand, E. W., Kaliner, M., & Nathan, R. A. (2003). Targeting the allergic cascade: Current and evolving options? *Medical Crossfire*, 4(2/Special ed.).

Casale, T. B., & Rohane, P. (2002). Treatment of seasonal allergic rhinitis. In C. Lenfant (Ex. ed.), P. M. Jardieu, & R. B. Fick (Eds.), *Lung biology in health and disease*. vol. 164. *Anti-IgE and allergic disease* (pp. 299-325). New York, Marcel Dekker, Inc.

Cassell, C. K., Purtilo, R. B., & McFarland, E. T. (2003). Ethical and social issues in contemporary medicine. In D. Dale (Ed.), *WebMD Inc.: Scientific American medicine* (vol. 1, pp. 3-7).



FREDERICK GILLICK & JAMES KELLY — MEDICINE

- Chaithiraphan, V., Gowda, R. M., Khan, I. A., & Reimers, C. D. (2003). Peripartum acute myocardial infarction: Management perspective. *American Journal of Therapeutics*, *10*, 75-77.
- Chass, G. A., Lovas, S., Murphy, R. F., & Csizmadia, I. G. (2002). The role of enhanced aromatic pi-electron donating aptitude of the tyrosyl sidechain with respect to that of phenylalanyl in intramolecular interactions. *European Physical Journal*, *20*, 481-497.
- Chass, G. A., Sahai, M. A., Law, J. M. S., Lovas, S., Farkas, Ö., Perczel, A., & Csizmadia, I. G. (2002). Toward a computed peptide structure database: The role of a universal atomic numbering system of amino acids in peptides and internal hierarchy of database. *International Journal of Quantum Chemistry*, *90*, 933-968.
- Chatterjee, B., Meyer, R. A., Loredó, C. M., Coleman, C. M., Tuan, R., & Lo, C. W. (2003). BMP regulation of the mouse connexin43 promoter in osteoblastic cells and embryos. *Cell Communication & Adhesion*, *10*, 37-50.
- Chervinsky, P., Casale, T., Townley, R., Tripathy, I., Hedgecock, S., Fowler-Taylor, A., Shen, H., & Fox, H. (2003). Omalizumab, an anti-IgE antibody, is effective and well tolerated in the treatment of adults and adolescents with perennial allergic rhinitis. *Annals of Allergy, Asthma, & Immunology*, *91*(2), 160-167.
- Ciesemier, L., & Casale, T. B. (2003). Anti-IgE and asthma. In M. A. Kaliner (Ed.), *Current review of asthma* (pp. 22:215-221). Philadelphia: Current Medicine, Inc.
- Corren, J., & Casale, T. (2002). Immunomodulation of asthma: Where do we stand? *Current Allergy & Asthma Reports*, *2*(6), 433-435.
- Corren, J., Casale, T., Deniz, Y., & Ashby, M. (2003). Omalizumab, a recombinant humanized anti-IgE antibody, reduces asthma-related emergency room visits and hospitalizations in patients with allergic asthma. *Journal of Allergy & Clinical Immunology*, *111*(1), 87-90.
- Cowan, D. F., & Gatalica, Z. (2002). Immunohistochemistry in cetaceans. In C. J. Pfeiffer (Ed.), *Molecular and cell biology of marine mammals*. Krieger Publishing Co.
- Dart, R., Gollub, S., Lazar, J., Nair, C. K., Schroeder, D., & Woolf, S. (2003). Treatment of systemic hypertension in patients with pulmonary disease. *Chest*, *123*(1), 222-243.
- Delmas, P. D., Ensrud, K. E., Adachi, J. D., Harper, K. D., Sarkar, S., Gennari, C., Reginster, J. Y., Pols, H. A. P., Recker, R. R., Harris, S. T., Wu, W., Genant, H. K., Black, D. M., & Eastell, R. (2002). Efficacy of raloxifene on vertebral fracture risk reduction in postmenopausal women with osteoporosis: Four-year results from a randomized clinical trial. *Journal of Clinical Endocrinology & Metabolism*, *87*, 3609-3617.
- Deng, H. W., Chen, W. M., & Recker, R. R. (2002). Powerful and robust tests of linkage and association based on parental genotypes to map genes underlying complex traits. *Life Science Research* [China in English].
- Deng, H. W., Chen, W. M., & Recker, R. R. (2002). Transmission disequilibrium test with discordant sib pairs when parents are available. *Human Genetics*, *110*, 451-461.

Deng, H. W., Chen, W. M., & Recker, R. R. (2003). Tests of linkage and association based on parental genotypes to map genes for complex traits. In H. W. Deng, X. S. Wu, & D. Z. Ying (Eds.), *Proceedings of international symposium on mapping and identification of genes for complex traits* (pp. 88-108). HuNan Publishing House for Science & Technology.

Deng, H. W., Deng, H. Y., Liu, Y. J., Liu, Y. Z., Xu, F. H., Shen, H., Conway, T., Li, J. L., Huang, Q. Y., Davies, K. M., & Recker, R. R. (2002). A genome wide linkage scan for quantitative-trait loci for obesity phenotypes. *American Journal of Human Genetics*, 70, 1138-1151.

Deng, H. W., Deng, X. T., Conway, T., Xu, F. H., Heaney, R. P., & Recker, R. R. (2002). Determination of bone size of hip, spine, and wrist in human pedigrees by genetic and lifestyle factors. *Journal of Journal of Clinical Densitometry*, 5(1), 45-56.

Deng, H. W., Gao, G. M., & Li, J. L. (2002). Estimation of deleterious genomic mutation parameters in natural populations by accounting for variable mutation effects across loci. *Genetics*, 162, 1487-1500.

Deng, H. W., & Li, J. (2002). The effects of selected sampling on the transmission disequilibrium test of a quantitative trait locus. *Genetical Research*, 79, 161-174.

Deng, H. W., Livshits, G., Yakovenko, K., Xu, F. H., Conway, T., Davies, K. M., Deng, H. Y., & Recker, R. R. (2002). Evidence of a major gene for bone mineral density/content in human pedigrees identified via probands with extreme bone mineral density. *Annals of Human Genetics*, 66, 61-74.

Deng, H. W., Mahaney, M. C., Williams, J., Li, J., Conway, T., Davies, K. M., Li, J. L., Deng, H. Y., Lai, D. B., & Recker, R. R. (2002). Relevance of the genes for bone mass variation to susceptibility to osteoporotic fractures and its implications to gene search for complex human diseases. *Genetic Epidemiology*, 22(1), 12-25.

Deng, H. W., & Recker, R. R. (2002). Genetics and gene mapping studies in osteoporosis research. *Chinese Journal of Tumor & Bone Diseases* [in Chinese], 1, 277-282.

Deng, H. W., & Recker, R. R. (2002). On genetics and gene mapping approaches and status for osteoporosis research. In H. W. Deng, D. Z. Ying, & X. S. Wu (Eds.), *Proceedings of international symposium on mapping and identification of genes for complex* (pp. 52-70). HuNan Publishing House for Science & Technology.

Deng, H. W., Shen, H., Xu, F. H., Deng, H. Y., Conway, T., Zhang, H. T., & Recker, R. R. (2002). Test of linkage and/or association of genes for vitamin D receptor, osteocalcin, and parathyroid hormone with bone mineral density. *Journal of Bone & Mineral Research*, 17, 678-686.

Deng, H. W., Shen, H., Xu, F. H., Huang, Q. Y., Deng, H. Y., Zhang, H. T., Conway, T., Davies, K. M., & Recker, R. R. (2003). Several genomic regions potentially containing QTLs for bone size variation



ARYAN MOOS — CARDIOLOGY

were identified in a whole-genome linkage scan. *American Journal of Medical Genetics*, 119A, 121-131.

Deng, H. W., Wu, X. S., & Ying, D. Z. (Eds.). (2003). *Proceedings of international symposium on mapping and identification of genes for complex traits*. HuNan Publishing House for Science & Technology.

Deng, H. W., Xu, F. H., Davies, K. M., Heaney, R., & Recker, R. R. (2002). Differences in bone mineral density, bone mineral content, and bone areal size in fracturing and non-fracturing women and their interrelationship at the spine and hip. *Journal of Bone & Mineral Metabolism*, 20, 358-366.

Deng, H. W., Xu, F. H., Huang, Q. Y., Shen, H., Deng, H. Y., Conway, T., Liu, Y. J., Liu, Y. Z., Zhang, H. T., Davies, K. M., & Recker, R. R. (2002). A whole genome scan suggests several genomic regions potentially containing quantitative trait loci for osteoporosis. *Journal of Clinical Endocrinology & Metabolism*, 87, 5151-5159.

Deng, H. W., Xu, F. H., Liu, Y. Z., Shen, H., Deng, H. Y., Huang, Q. Y., Liu, Y. J., Conway, T., Li, J. L., Davies, K. M., & Recker, R. R. (2002). A whole-genome linkage scan suggests several genomic regions potentially containing QTLs underlying the variation of stature. *American Journal of Medical Genetics*, 113, 29-39.

Drescher, K. M., Zocklein, L. J., & Rodriguez, M. (2002). ICAM-1 is crucial for protection from TMEV-induced brain pathology but not demyelination. *Journal of Neurovirology*, 8, 452-458.

Dvornyk, V., Liu, X. H., Shen, H., Lei, S. F., Zhao, L., Huang, Q. R., Qin, Y., Jiang, D. K., Long, J., Zhang, Y., Gong, G., Recker, R. R., & Deng, H. W. (2003). Differentiation of Caucasians and Asians at BMD candidate genes: Implication for ethnic difference of BMD. *Annals of Human Genetics*, 67, 216-227.

Dvornyk, V., Recker, R. R., & Deng, H. W. (2003). Gene expression studies of osteoporosis: Implications for microarray research. *Osteoporosis International*, 14(6), 451-461.

Ellbogen, M. H., Olsen, K. M., Gentry-Nielsen, M. J., & Preheim, L. C. (2003). Efficacy of liposome-encapsulated ciprofloxacin compared with ciprofloxacin and ceftriaxone in a rat model of pneumococcal pneumonia. *Journal of Antimicrobial Chemotherapy*, 51, 83-91.

Evans, H., Krag, D., Teates, C., Patterson, J., Meijer, S., Harlow, S., Tanabe, K., Loggie, B. W., Whitworth, P., Kusminsky, R., Carp, N., Gadd, M., & Slingluff, C. (2003). Lymphoscintigraphy and sentinel node biopsy accurately stage melanoma in patients presenting after wide excision. *Annals of Surgical Oncology*, 10(4), 416-425.

Falcone, R. A., Hirsch, A. T., Regensteiner, J. G., Treat-Jacobson, D., & Williams, M. A., et al. (2003). Peripheral arterial disease rehabilitation: A review. *Journal of Cardiopulmonary Rehabilitation*, 23, 170-175.

Faulkner, M. A., Bertoni, J. M., & Lenz, T. L. (2002). Gabapentin for the treatment of tremor. *Annals of Pharmacotherapy*, 37, 282-286.

Fernandes, P., Petty, F., Marcil, W. A., & Wilson, D. R. (2003). Manic-depressive illness: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com

Fitzgibbons, R. J., Jonasson, O., Gibbs, J., Dunlop, D. D., Henderson, W., Reda, D., Giobbie-Hurder, A., & McCarthy, M. (2003). The development of a clinical trial to determine if watchful waiting is an acceptable alternative to routine herniorrhaphy for patients with minimal or no hernia symptoms. *Journal of the American College of Surgeons*, 196(5), 737-742.

Fitzgibbons, R. J., Jr. (2003). Conventional herniorrhaphy of the abdominal wall. In American College of Surgeons, *ACS surgery: Principles & practice*. New York: Web MD Publishers.

Fitzgibbons, R. J., Jr., Huerta, J. E., Lee, R., & Mittal, S. K. (2002). Hernioplastica inguinal. In A. M. De la Torre (Ed.), *Libro interactivo de cirugía laparoscopica* (pp. 205-219). Buenos Aires, Argentina: Ediciones Salvucci y Asociados.

Fleming, R. A., Loggie, B.W., & Drees, J. (2002). Clinical significance of a NAD(P)H: Quinone oxidoreductase 1 polymorphism in patients with disseminated peritoneal cancer receiving intraperitoneal hyperthermic chemotherapy with mitomycin C. *Pharmacogenetics*, 12, 31-37.

Frey, D. (2002, July). [Review of *Adolescent health care: A practical guide* (4th ed.)]. Doody Publishing.

Frey, D. (2002, July). [Review of *Clinical management of hypertension in diabetes*]. Doody Publishing.

Frey, D. (2002, July). [Review of *Family practice board review* (2nd ed.)]. Doody Publishing.

Frey, D. (2002, August). [Review of *Yearbook of family practice 2002*]. Doody Publishing.

Frey, D. (2002, September). [Review of *Mosby's guide to physical examination* (5th ed.)]. Doody Publishing.

Frey, D. (2002, September). [Review of *Twenty common problems in respiratory disorders*]. Doody Publishing.

Frey, D. (2002, November). Depression in chronic fatigue syndrome [Letter to the editor]. *American Family Physician*, 65, 872.

Frey, D. (2003, January 13). Perhaps one can run, but one cannot hide from medical costs [Op-ed]. *Omaha World-Herald*.

Frey, D. (2003, April). [Review of *Ear, nose and throat disorders*]. Doody Publishing.

Frey, D. (2003, April). [Review of *Fast facts – Benign gynecological disease* (2nd ed.)]. Doody Publishing.

Frey, D. (2003, April). [Review of *A life course approach to women's health*]. Doody Publishing.

Frey, D. (2003, May). [Review of *Current practice guidelines in primary care 2003*]. Doody Publishing.



WILLIAM DOSSEL — ANATOMY

- Frey, D. (2003, May). [Review of *Fundamentals of family medicine: The family medicine clerkship textbook* (3rd ed.)]. Doody Publishing.
- Fritzsch, B. (2002). Evolution of the ancestral vertebrate brain. In M. A. Arbib (Ed.), *The handbook of brain theory and neural networks* (pp. 426-430). Cambridge: MIT Press.
- Fritzsch, B. (2003). Development of inner ear afferent connections: Forming sensory neurons and connecting them to the developing sensory epithelia. *Brain Research Bulletin*, 60(5-6), 423-433.
- Fritzsch, B. (2003). Functional anatomy of ear connections [Foreword]. *Brain Research Bulletin*, 60(Special issue), 395-397.
- Fritzsch, B. (Ed.). (2003). Functional anatomy of ear connections. *Brain Research Bulletin*, 60 (Special issue).
- Fritzsch B., Beisel, K. W., Jones, K., Fariñas, I., Maklad, A., Lee, J., & Reichardt, L. F. (2002). Development and evolution of inner ear sensory epithelia and their innervation [Review]. *Journal of Neurobiology*, 53(2), 143-156.
- Galt, K. A., & Markert, R. (2002). Description and assessment of an early curriculum to teach pharmacy students caring behaviors. *Pharmacy Education: An international Journal for Pharmacy Education*, , 2(1):31-35.
- Galt, K. A., Rich, E. C., Young, W., Markert, R., & Barr, C. (2002). Impact of hand-held technologies on medication errors in primary care. *Topics of Health Information Management*, 23(2), 69-79.
- Gao, X., Loggie, B. W., & Nawaz, Z. (2002). The roles of sex steroid receptor coregulators in cancer. *Molecular Cancer* [On-line], 1, 7. Available: <http://www.molecular-cancer.com/content/1/1/7>
- Gao, X., & Nawaz, Z. (2002). Role of steroid receptor coactivators and corepressors of progesterone receptors in breast cancer. *Breast Cancer Research*, 4, 40-44.
- Gatalica, Z. (2003). [Review of M. Miettinen, *Diagnostic soft tissue pathology*]. *Modern Pathology*, 16(3), 205.
- Ge, Y., Gatalica, Z., & Xiao, S. Y. (2003). Pathologic quiz case: Right thigh pain for fourteen months. *Archives of Pathology & Laboratory Medicine*, 127(3), e171-e172.
- Ghadirian, P., Lynch, H. T., & Krewski, D. (2003). Epidemiology of pancreatic cancer: An overview. *Cancer Detection & Prevention*, 27, 87-93.
- Gibbons, R. J., Balady, G. J., Bricker, J. T., Chaitman, B. R., Fletcher, G. F., Froelicher, V. F., Mark, B., McCallister, B. D., Mooss, A. N., O'Reilly, M. G., & Winters, W. L. (2002). ACC/AHA 2002 guideline update for exercise testing: Summary article. *Journal of the American College of Cardiology*, 40, 1531-1540.
- Goodman, M. (2003, January). [Review of *Integrative medicine*]. Doody Publishing Company.

Gowda, R. M., Ansari, A. W., & Khan, I. A. (2003). Complete endocardial cushion defect (complete atrioventricular canal) manifested in adult life by *Streptococcus mitis endocarditis* of the common atrioventricular valve. *International Journal of Cardiology*, 89, 109-110.

Gowda, R. M., Cohen, R. A., & Khan, I. A. (2003). Toad venom poisoning: Resemblance to digoxin toxicity and therapeutic considerations. *Heart*, 89, e14.

Gowda, R. M., Khan, I. A., Mehta, N. J., Gowda, M. R., Gropen, T. I., Dogan, O. M., Vasavada, B. C., & Sacchi, T. J. (2002). Cardiac papillary fibroelastoma originating from pulmonary vein. *Angiology*, 53, 745-748.

Gowda, R. M., Khan, I. A., Mehta, N. J., Gowda, M. R., Sacchi, T. J., & Vasavada, B. C. (2003). Cardiac tamponade in patients with human immunodeficiency virus disease. *Angiology*, 54, 469-474.

Gowda, R. M., Khan, I. A., Mehta, N. J., Vasavada, B. C., & Sacchi, T. J. (2003). Cardiac arrhythmias in pregnancy: Clinical and therapeutic considerations. *International Journal of Cardiology*, 88, 129-133.

Gowda, R. M., Khan, I. A., Patlola, R. R., Vasavada, B. C., & Sacchi, T. J. (2003). Multivessel coronary spasm during coronary angiography: Coronary vasospastic disease. *International Journal of Cardiology*, 89, 301-302.

Gowda, R. M., Khan, I. A., Vasavada, B. C., & Sacchi, T. J. (2003). Alcohol-triggered acute myocardial infarction. *American Journal of Therapeutics*, 10, 71-72.

Gowda, R. M., Konka, S., & Khan, I. A. (2002). Hourglass left ventricle: Midventricular hypertrophy and apical aneurysm in elderly hypertrophic cardiomyopathy. *American Journal of Geriatric Cardiology*, 11, 270-271.

Gowda, R. M., Misra, D., Khan, I. A., & Schweitzer, P. (2003). Acute pulmonary edema after successful electrical cardioversion of atrial fibrillation. *American Journal of Therapeutics*, 10, 73-74.

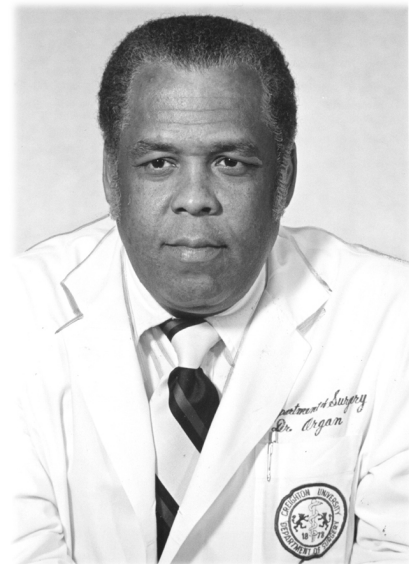
Gowda, R. M., Pudukollu, G., Khan, I. A., Patlola, R. R., Tejani, F. H., Cosme-Thormann, B. F., Vasavada, B., & Sacchi, T. J. (2002). Ibutilide induced long QT syndrome and torsade de pointes. *American Journal of Therapeutics*, 9, 527-529.

Gowda, R. M., Rahmatullah, S. I., & Khan, I. A. Myocardial bridging of the ramus intermedius coronary artery. *International Journal of Cardiology*, 89, 295-296.

Guck, T. P. (2003). [Review of *Behavioral medicine in primary care: A practical guide* (2nd ed.)]. *Doody's Health Sciences Book Review Journal*.

Guck, T. P. (2003). [Review of *Lifestyle change*]. *Doody's Review Service*.

Guck, T. P., Elsasser, G. N., Kavan, M. G., & Barone, E. J. (2003). Depression and congestive heart failure. *Congestive Heart Failure*, 9(3), 163-169.



CLAUDE ORGAN — SURGERY

Guo, S. W., Amos, C., Deng, H. W., & Thomson, G. (2002). Detecting genetic differences. *Fertility & Sterility*, 78, 441-442.

Gyulai, L., Bowden, C. L., McElroy, S. L., Calabrese, J. R., Petty, F., Swann, A. C., Chou, J. C., Wassef, A., Risch, C. S., Hirschfeld, R. M., Nemeroff, C. B., Keck, P. E., Evans, D. L., & Wozniak, P. J. (2003). Maintenance efficacy of divalproex in the prevention of bipolar depression. *Neuropsychopharmacology*, 28, 1374-1382.

Haeberle, H. A., Takizawa, R., Casola, A., Brasier, A. R., Dietrich, H. J., van Rooijn, N., Gatalica, Z., & Garofalo, R. P. (2002). Respiratory syncytial virus-induced activation of NF-kappa B in the lung involves alveolar macrophages and Toll-like receptor 4-dependent pathways. *Journal of Infectious Disease*, 186, 1199-1206.

Hallworth, R. (2003). The strain ratio of the outer hair cell motor protein. In A. Gummer (Ed.), *Biophysics of the cochlea: From molecule to model* (pp. 144-150). Singapore: World Scientific.

Hallworth, R., Cato, M., Colbert, C., & Rea, M.A. (2002). Presynaptic adenosine A1 receptors regulate retinohypothalamic neurotransmission in the hamster suprachiasmatic nucleus. *Journal of Neurobiology*, 52, 230-240.

Hanson, N. D., Moland, E. S., Hossain, A., Neville, S. A., Gosbell, I. B., & Thomson, K. S. (2002). Unusual *Salmonella enterica* serotype typhimurium isolate producing CMY-7, SHV-9 and OXA-30 β -lactamases. *Journal of Antimicrobial Agents & Chemotherapy*, 49, 1011-1014.

Hart, S. J., Knezetic, J. A., & Petzel, D. H. (2002). Cloning and tissue distribution of two Na⁺/H⁺ exchangers from the Malpighian tubules of *Aedes Aegypti*. *Archives of Insect Biochemistry & Physiology*, 51(3), 121-135.

He, D. Z., Beisel, K. W., Chen, L., Ding, D. L., Jia, S., Fritzsich, B., & Salvi, R. (2003). Chick hair cells do not exhibit voltage-dependent somatic motility. *Journal of Physiology*, 546 (Part 2), 511-520.

He, D. Z. Z. (2003). Mechanical responses of cochlear outer hair cells. In A. W. Gummer (Ed.), *Biophysics of the cochlea: From molecule to model* (pp. 181-184). Singapore: World Scientific Publ.

He, D. Z. Z., Jia, S. P., & Feng, F. (2003). Thyroid hormone is not necessary for the development of outer hair cell electromotility. *Hearing Research*, 175, 183-189.

Heaney, R. P. (2002). The basis for the post-parathyroidectomy increase in bone mass. *Journal of Bone & Mineral Research*, 17(Suppl 2), N154-N157.

Heaney, R. P. (2002). The calcium-phosphate connection. *Alternative Therapies in Women's Health*, 4(10), 75-77.

Heaney, R. P. (2002, December). The need for calcium throughout the lifespan. *OBG Management*, (Suppl.), 5-7.

Heaney, R. P. (2003). Advances in therapy for osteoporosis. *Clinical Medicine & Research*, 1(2), 93-99.

Heaney, R. P. (2003). Ethical issues in the design of osteoporosis clinical trials: The state of the question. *Journal of Bone & Mineral Research*, 18(6), 1117-1120.

Heaney, R. P. (2003). Normalizing calcium intake: Projected population effects on body weight. *Journal of Nutrition*, 133, 268S-270S.

Heaney, R. P. (2003). Quantifying human calcium absorption using pharmacokinetic methods. *Journal of Nutrition*, 133, 1224-1226.

Heaney, R. P. (2003, Summer). Why nutrition doesn't make it onto medicine's radar screen. *Creighton University Magazine*, 55.

Heaney, R. P., Davies, K. M., Chen, T. C., Holick, M. F., & Barger-Lux, M. J. (2003). Human serum 25-hydroxycholecalciferol response to extended oral dosing with cholecalciferol. *American Journal of Clinical Nutrition*, 77, 204-210.

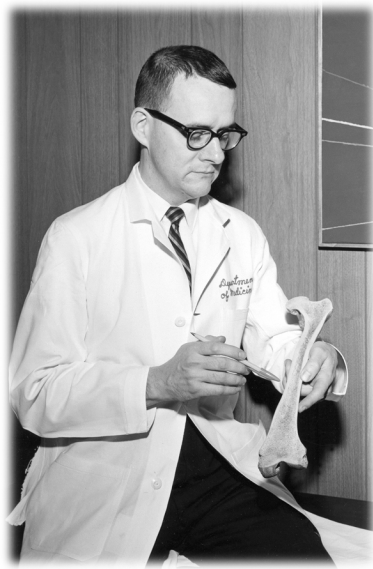
Heaney, R. P., Dowell, M. S., Hale, C. A., & Bendich, A. (2003). Calcium absorption varies within the reference range for serum 25-hydroxyvitamin D. *Journal of the American College of Nutrition*, 22(2), 142-146.

Heaney, R. P., Rafferty, K., & Dowell, M. S. (2002). Effect of yogurt on a urinary marker of bone resorption in postmenopausal women. *Journal of the American Dietetic Association*, 102(11), 1672-1674.

Heaney, R. P., Recker, R. R., & Lappe, J. M. (2003). Effects of calcium supplementation on serum lipid levels in postmenopausal women. *American Journal of Medicine*, 114(7), 620-621.

Heaney, R. P., & Weaver, C. M. (2003). Calcium and vitamin D. In J. P. Bilezikian (Ed.), *Endocrinology and metabolic clinics of North America* (vol. 32(1), pp. 181-194). Philadelphia: Elsevier Science, W. B. Saunders Co.

Hilleman, D. E., Malesker, M. A., & Hunter, C. B. (2002). Impact of nesiritide on health-care resource use in acute decompensated heart failure. *ASHP Midyear Clinical Meeting*, 37, 37E.



ROBERT HEANEY —
OSTEOPOROSIS RESEARCH

Hilleman, D. E., Reyes, A. P., Mooss, A. N., & Packard, K. A. (2003). Esmolol versus diltiazem in atrial fibrillation following coronary artery bypass graft surgery. *Current Medical Research & Opinions*, 19(5), 376-382.

Hobday, T. J., Kugler, J. W., Mahoney, M. R., Sargent, D. J., Sloan, J. A., Fitch, T. R., Krook, J. E., O'Connell, M. J., Mailliard, J. A., Tirona, M. T., Tschetter, L. K., Cobau, C. D., & Goldberg, R. M. (2002). Efficacy and quality-of-life data are related in a phase II trial of oral chemotherapy in previously untreated patients with metastatic colorectal carcinoma. *Journal of Clinical Oncology*, 20(23), 4574-4580.

Holmberg, M. J., Abdul-Aziz, S., Shen, X. D., Price, C., Li, H. G., Johnson, T. C., Del Core, M., Mooss, A. N., & Mohiuddin, S. M. (2002). Contrast echocardiography enhances automated border detection evaluation of left ventricular function as compared to manual tracing. *Circulation*, 106(19), II 422

- Holmberg, M. J., Abdul-Aziz, S., Shen, X. D., Price, C., Li, H. G., Johnson, T. C., Del Core, M., Mooss, A. N., Mohiuddin, S. M., & Porter, T. R. (2002). Automated echocardiographic determination of left ventricular function in patients with suboptimal endocardial visualization. *Circulation*, *106*(19), II 506.
- Holmberg, M. J., Abdul-Aziz, S., Shen, X. D., Price, C., Li, H. G., Johnson, T. C., Mooss, A. N., & Mohiuddin, S. M. (2002). A novel approach to improve accuracy of measurement of left ventricular function in patients with suboptimal echocardiogram images. *Journal of Heart Failure*, *7*(1), 10.
- Houtz, L. E., & Quinn, T. H. (2003, February). Give me some skin – A hands-on science activity integrating racial sensitivity. *Science Scope*, 19-22.
- Huang, Q. Y., Recker, R. R., & Deng, H. W. (2003). Searching for osteoporosis genes in the post-genome era: Progress and challenges. *Osteoporosis International*, *14*, 701-715.
- Huang, Q. Y., Shen, H., Deng, H. Y., Conway, T., Recker, R. R., & Deng, H. W. (2003). Linkage and association of CA repeat polymorphism of the IL-6 gene, bone mineral density (BMD), and obesity-related phenotypes. *Journal of Human Genetics*, *48*, 430-437.
- Huang, Q. Y., Xu, F. H., Shen, H., Deng, H. Y., Liu, Y. J., Liu, Y. Z., Li, J. L., Recker, R. R., & Deng, H. W. (2002). Mutation patterns at dinucleotide microsatellite loci in humans. *American Journal of Clinical Nutrition*, *70*, 625-634.
- Ioannidis, J. P., Stavrou, I., Trikalinos, T. A., Zois, C., Brandi, M. L., Gennari, L., Albagha, O., Ralston, S. H., & Tsatsoulis, A. [with Deng, H. W. as a contributor]. (2002). Association of polymorphisms of the estrogen receptor α gene with bone mineral density and fracture risk in women: A meta-analysis. *Journal of Bone & Mineral Research*, *17*, 2048-2060.
- Jaeger, E. E. M., Woodford-Richens, K. L., Lockett, M., Rowan, A. J., Sawyer, E. J., Heinimann, K., Rozen, P., Murday, V. A., Whielaw, S. C., Ginsberg, A., Atkin, W. S., Lynch, H. T., Southey, M. C., Debinski, H., Eng, C., Bodmer, W. F., Talbot, I. C., Hodgson, S. V., Thomas, H. J. W., & Tomlinson, I. P. M. (2003). An ancestral Ashkenazi haplotype at the *HMP5/CRAC1* locus on 15q13-q14 is associated with hereditary mixed polyposis syndrome. *American Journal of Human Genetics*, *72*, 1261-1267.
- Jensen-Smith, H. C., Eley, J., Steyger, P. S., Ludueña, R. F., & Hallworth, R. (2003). Cell type-specific reduction of β tubulin isotypes synthesized in the developing gerbil organ of Corti. *Journal of Neurocytology*, *32*, 185-197.
- Jensen-Smith, H. C., Ludueña, R. F., & Hallworth, R. (2003). Requirement for the β_1 and β_{IV} tubulin isotypes in mammalian cilia. *Cell Motility & the Cytoskeleton* [On-line], *55*, 213-220.
- Jett, J. R., Hatfield, A. K., Hillman, S., Bauman, M. D., Mailliard, J. A., Kugler, J. W., Morton, R. F., Marks, R. S., & Levitt, R. (2003). Alternating chemotherapy with etoposide plus cisplatin and topotecan plus paclitaxel in patients with untreated, extensive-stage small cell lung carcinoma: A phase II trial of the North Central Cancer Treatment Group. *Cancer*, *97*, 2498-2503.
- Kaleem, Z., Crawford, E., Pathan, M. H., Jasper, L., Covinsky, M. A., Johnson, L. R., & White, G. (2003). Flow cytometric analysis of acute leukemias: Diagnostic utility and critical analysis of data. *Archives of Pathology & Laboratory Medicine*, *127*(1), 42-48.

Keglevich, G. Y., Körtvélyesi, T., Forintos, H., & Lovas, S. (2002). Structure and stability of oxaphosphetes formed as intermediates in the reaction of tertiary phosphine oxides and acetylenic derivatives. *Journal of the Chemical Society-Perkin Transactions, 2*, 1645-1646.

Kertsburg, A., & Soukup, G. A. (2002). A versatile communication module for controlling RNA folding and catalysis. *Nucleic Acids Research, 30*, 4599-4606.

Khan, I. A. (2002). Exercise-induced bidirectional ventricular tachycardia with alternating right and left bundle branch block-type patterns. *Angiology, 53*, 593-598.

Khan, I. A. (2002). [Review of L. Michaels, *The eighteenth-century origins of angina pectoris: Predisposing causes, recognition and aftermath*]. *Journal of the American Medical Association, 288*(15), 1917-1918.

Khan, I. A. (2002). Transient atrial mechanical dysfunction (atrial stunning) after cardioversion of atrial fibrillation and flutter. *American Heart Journal, 144*, 11-22.

Khan, I. A. (2003). Atrial fibrillation: Interaction between the trigger and the substrate. *International Journal of Cardiology, 87*, 299-300.

Khan, I. A. (2003). Atrial stunning: Determinants and cellular mechanisms. *American Heart Journal, 145*, 787-794.

Khan, I. A. (2003). Mechanisms of syncope and Stokes-Adams attacks in bradyarrhythmias: Asystole and torsade de pointes. *Cardiology, 99*, 54.

Khan, I. A. (2003). Oral loading single dose flecainide for pharmacological cardioversion of recent-onset atrial fibrillation. *International Journal of Cardiology, 87*, 121-128.

Khan, I. A. (2003). Wolff-Parkinson-White syndrome: Pseudo myocardial infarction and pseudo ventricular hypertrophy patterns on electrocardiogram. *Cardiology, 99*, 60.

Khan, I. A., Biddle, W. P., Najeed, S. A., AbdulAziz, S., Mehta, N. J., Salaria, V., Murcek, A. L., & Harris, D. M. (2003). Isolated noncompaction cardiomyopathy presenting with paroxysmal supraventricular tachycardia: Case report and literature review. *Angiology, 54*(2), 243-250.

Khan, I. A., Mehta, N. J., & Gowda, R. M. (2003). Amiodarone for pharmacological cardioversion of recent-onset atrial fibrillation. *International Journal of Cardiology, 89*, 239-248.

Khan, I. A., & Nair, C. K. (2002). Clinical, diagnostic, and management perspectives of aortic dissection. *Chest, 122*(1), 311-328 (178 ref).

Klein, J. R., & Wilson, D. R. (2003, June). Psychiatric consultation and testimony in legal proceedings: Practical applications. *Nebraska Lawyer, 12-16*.



VINCENT RUNCO — CARDIOLOGY

- Kragol, G., Hoffmann, R., Chattergoon, M. A., Lovas, S., Cudic, M., Bulet, P., Condie, B. A., Rosengren, K. J., Montaner, L. J., & Otvos, L., Jr. (2002). Identification of crucial residues for the antibacterial activity of the proline-rich peptide, pyrrolicoricin. *European Journal of Biochemistry*, 269, 4226-4237.
- Kram, M. L., Kramer, G. L., Ronan, P. J., Steciuk, M., & Petty, F. (2002). Dopamine receptors and learned helplessness in the rat: An autoradiographic study. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 26, 639-645.
- Lanspa, S. J. [Review of *MBA handbook for healthcare professionals*]. *Doody's Review Service* [Online]. Available: <http://www.doody.com>
- Lei, S. F., Deng, F. Y., Li, M. X., Dvornyk, V., & Deng, H. W. (2003). Bone mineral density in elderly Chinese: Effects of age, gender, weight, height, and body mass index. *Journal of Bone & Mineral Metabolism*, 21, 34-42.
- Lei, S. F., Deng, F. Y., Liu, X. H., Huang, Q. R., Qin, Y., Zhou, Q., Jiang, D. K., Li, Y. M., Mo, X. Y., Liu, M. Y., Chen, X. D., Wu, X. S., Shen, H., Dvornyk, V., Zhao, L., Recker, R. R., & Deng, H. W. (2003). Polymorphisms of four bone mineral density candidate genes in Chinese populations and the comparison with the other populations of different ethnicity. *Journal of Bone & Mineral Metabolism*, 21, 34-42.
- Levy, J. (2002). [Review of K. Carlson & S. Eisenstat, *Primary care for women* (2nd ed.)].
- Lieberman, M. C., Gao, J., He, D. Z. Z., Wu, X. D., Jia, S. P., & Zuo, J. (2002). Prestin is required for outer hair cell motility and the cochlear amplifier. *Nature*, 419, 300-304.
- Lin, H., & Casale, T. (2002). Treatment of allergic asthma. *American Journal of Medicine*, 113(Suppl. 9A), 8S-16S.
- Little, R. D., Carulli, J., Del Mastro, R. G., Dupuis, J., Osborne, M., Root, C., Manning, S., Swain, P., Zhao, S. C., Eustace, B., Lappe, M. M., Spitzer, L., Zweier, S., Braunschweiger, K., Benchekroun, Y., Hu, X., Adair, R., Chee, L., Fitzgerald, M., Tulig, C., Caruso, A., Tzellas, N., Bawa, A., Franklin, B., Mcguire, S., Nogues, X., Gong, G., Allen, K. M., Anisowicz, A., Lomedico, P. T., Recker, S. M., Van Eerdewegh, P., Recker, R. R., & Johnson, M. (2002). A single amino acid change in causes the high bone mass trait linked to 11q13. *American Journal of Human Genetics*, 70, 11-19.
- Liu, Y. J., Araujo, S., Recker, R. R., & Deng, H. W. (2003). Molecular and genetic mechanisms of obesity: Current treatments [Invited review]. *Current Molecular Medicine*, 3, 345-360.
- Liu, Y. J., Araujo, S., Recker, R. R., & Deng, H. W. (2003). Molecular and genetic mechanisms of obesity: Implications for future management. *Current Molecular Medicine*, 3, 325-340.
- Liu, Y. Z., Liu, Y. J., Recker, R. R., & Deng, H. W. (2003). Molecular genetic studies of gene identification for osteoporosis: The 2002 update. *Journal of Endocrinology*, 177, 147-196.
- Liu, Y. Z., Xu, F. H., Shen, H., Deng, H. Y., Liu, Y. J., Zhao, L. J., Dvornyk, V., Conway, T., Li, J. L., Huang, Q. Y., Davies, K. M., Recker, R. R., & Deng, H. W. (2003). A confirmation linkage study supports that X chromosome harbors a QTL underlying human height variation. *Journal Medical Genetics*, 113, 29-39.

Loo, J. C., Liu, L., Hao, A., Gao, L., Agatep, R., Shennan, M., Summers, A., Goldstein, A. M., Tucker, M. A., Deters, C., Fusaro, R., Blazer, K., Weitzel, J., Lassam, N., Lynch, H., & Hogg, D. (2003). Germline splicing mutations of CDKN2A predispose to melanoma. *Oncogene*, *22*, 6387-6394.

Lynch, H. T., Cristofaro, G., Rozen, P., Vasen, H., Lynch, P., Mecklin, J.-P., & St. John, J. (2003). History of the International Collaborative Group on Hereditary Nonpolyposis Colorectal Cancer. *Familial Cancer*, *2*(Suppl. 1), 3-5.

Lynch, H. T., & de la Chapelle, A. (2003). Genomic medicine: Hereditary colorectal cancer. *New England Journal of Medicine*, *348*, 919-932.

Lynch, H. T., Deters, C. A., Lynch, J. F., & Brand, R. A. (2002). Challenging pancreatic cancer-prone pedigrees: A nosologic dilemma. *American Journal of Gastroenterology*, *97*, 3062-3070.

Lynch, H. T., Lynch, J. F., & Rubinstein, W. R. (2002). Prophylactic mastectomy: Obstacles and benefits [Editorial]. *Journal of the National Cancer Institute*, *93*, 1586-1587.

Lynch, H. T., Snyder, C. L., Lynch, J. F., Riley, B. D., & Rubinstein, W. S. (2003). Hereditary breast-ovarian cancer at the bedside: Role of the medical oncologist. *Journal of Clinical Oncology*, *21*, 740-753.

Lynch, H. T., Taylor, R. T., Lynch, J. F., Knezetic, J. A., Barrows, A., Fodde, R., Wijnen, J., & Wagner, A. (2003). Multiple primary cancer, including transitional cell carcinoma of the upper uroepithelial tract in a multigeneration HNPCC family: Molecular genetic, diagnostic, and management implications. *American Journal of Gastroenterology*, *98*(3), 664-670.

Lynch, H. T., Weisenburger, D. D., Quinn-Laquer, B., Snyder, C. L., Lynch, J. F., Lipkin, S. M., & Sanger, W. G. (2002). Family with acute myelocytic leukemia, breast, ovarian, and gastrointestinal cancer. *Cancer Genetics & Cytogenetics*, *137*, 8-14.

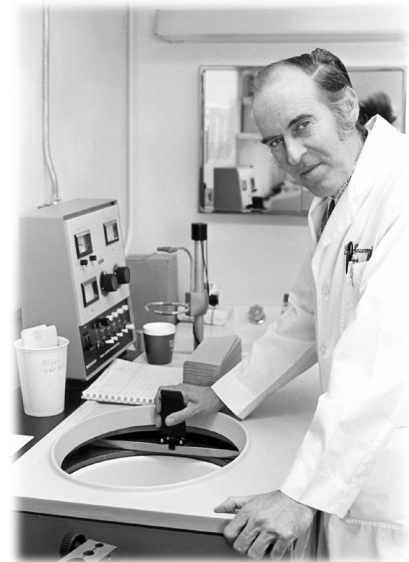
Lynch, H. T., Weisenburger, D. D., Quinn-Laquer, B., Watson, P., Lynch, J. F., & Sanger, W. G. (2002). Hereditary chronic lymphocytic leukemia: An extended family study and literature review. *American Journal of Medical Genetics (Seminars in Medical Genetics)*, *115*, 113-117.

Lynch, T. L., & Lynch, J. D. (2003). Dominican Republic. In C. E. D'Avanzo & E. M. Geissler (Eds.), *Cultural health assessment* (3rd ed., pp. 244-248). St. Louis: Mosby.

Mackin, R. B., & Choquette, M. H. (2003). Expression, purification and PC1-mediated processing of (H10D, P28K, and K29P)-human proinsulin. *Protein Expression & Purification*, *27*(2), 210-219.

Madison, J. K. (2002) Exercise dependence. In M. B. Mellion, W. M. Walsh, C. Madden, M. Putukian, & G. L. Shelton (Eds.), *Team physician's handbook* (3rd ed.). Philadelphia: Hanley & Belfus, Inc.

Madison, J. K., & Ruma, S. L. (2003). Exercise and athletic involvement as moderators of severity in adolescents with eating disorders. *Journal of Applied Sport Psychology*, *15*, 213-222.



JOHN BAUMSTARK — OB/GYN

- Maklad, A., & Fritzsich, B. (2003). Development of inner ear projections and their central targets. *Brain Research Bulletin*, 60, 497-510.
- Maklad, A., & Fritzsich, B. (2003). Partial segregation of posterior crista and saccular fibers to the nodulus and uvula of the cerebellum in mice, and its development. *Developmental Brain Research*, 140(2), 223-236.
- Manasi, R., Petty, F., & Wilson, D. R. (2003). Post traumatic stress disorder: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com
- Marcil, W. A., Petty, F., & Wilson, D. R. (2003). Anxiety disorders: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com
- Marcil, W. A., Petty, F., & Wilson, D. R. (2003). Endogenous depression: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com
- Markovic, S., Suman, V. J., Dalton, R. J., Woods, J. E., Fitzgibbons, R. J., Jr., Wold, L. E., Buckner, J. C., Kugler, J. W., Mailliard, J. A., et al. (2002). Randomized, placebo-controlled, phase III surgical adjuvant clinical trial of megestrol acetate (Megace) in selected patients with malignant melanoma. *American Journal of Clinical Oncology*, 25(6), 552-556.
- Marsh, R. E., Perdue, C. L., Awad, Z. T., Watson, P, Selima, M., Davis, R. E., & Filipi, C. J. (2003). Is analysis of lower esophageal sphincter vector volumes of value in diagnosing gastroesophageal reflux disease? *World Journal of Gastroenterology*, 9, 174-178.
- McElroy, S., & Wilson, D. R. (2003). Clinical equivalents in phenotypic expression: Implications for research and care. In D. R. Wilson & H. S. Akiskal (Eds.), *Darwinian evolution and psychopathology. APA Symposium*, 62 [CEU Audio]. Valencia, CA: Mobiltape.
- McQuellon, R. P., Loggie, B. W., Lehman, A. B., Russell, G. B., Fleming, R. A., Shen, P., & Levine, E. A. (2003). Long-term survivorship and quality of life following intraperitoneal hyperthermic chemotherapy for peritoneal carcinomatosis. *Annals of Surgical Oncology*, 10(2), 155-162.
- Mehta, N. J., Jani, K., & Khan, I. A. (2003). Clinical utility and prognostic value of cardiac troponin I in acute pulmonary embolism. *American Heart Journal*, 145, 821-825.
- Mehta, N. J., & Khan, I. A. (2002). Cardiac Munchausen syndrome. *Chest*, 122, 1649-1653.
- Mehta, N. J., & Khan, I. A. (2002). Cardiology's 10 greatest discoveries in the 20th century. *Texas Heart Institute Journal*, 29, 164-171.
- Mehta, N. J., & Khan, I. A. (2003). HIV-associated coronary artery disease. *Angiology*, 54(3), 269-275.
- Mehta, N. J., Khan, I. A., Mehta, R. N., Burgonio, B., & Lakhnopal, G. (2003). Effect of thrombolytic therapy on QT dispersion in elderly versus younger patients with acute myocardial infarction. *American Journal of Therapeutics*, 10, 7-11.
- Mehta, N. J., Khan, I. A., Mehta, R. N., & Gowda, R. M. (2002). Acute coronary syndrome in patients with human immunodeficiency virus disease. *Angiology*, 53, 545-549.

Mehta, N. J., Mehta, R. N., & Khan, I. A. (2003). Original descriptions of the classic signs of aortic valve insufficiency. *Journal of Emergency Medicine*, 24, 69-72.

Mehta, N. J., Mehta, R. N., & Khan, I. A. (2003). Resolution of ST segment elevation after thrombolytic therapy in elderly patients with acute myocardial infarction. *American Journal of Therapeutics*, 10, 83-87.

Melton, L. J., III, & Heaney, R. P. (2003). Too much medicine? Or too little? *Bone*, 32(4), 327-331.

Meltzer, E., Casale, T., Gold, M., O'Connor, R., Reitberg, D., del Rio, E., Weiler, J., & Weiler, K. (2003). Efficacy and safety of clemastine-pseudoephedrine-acetaminophen versus pseudoephedrine-acetaminophen in the treatment of seasonal allergic rhinitis in a one-day, placebo-controlled park study. *Annals of Allergy, Asthma, & Immunology*, 90(1), 79-86.

Miles, S., & Purtilo, R. B. (2003). Institutional support for bioethics committees. In M. P. Aulisio, R. M. Arnold & S. J. Younger, (Eds.), *Ethic consultation: From theory to practice* (pp. 121-129). Baltimore: Johns Hopkins University Press.

Moland, E. S., Black, J. A., Hossain, A., Hanson, N. D., Thomson, K. S., & Pottumarthy, S. (2003). Discovery of CTX-M-like extended-spectrum β -lactamases in *Escherichia coli* isolates from five U.S. states. *Antimicrobial Agents & Chemotherapy*, 47, 2382-2383.

Moland, E. S., Black, J. A., Ourada, J., Reisbig, M. D., Hanson, N. D., & Thomson, K. S. (2002). Occurrence of newer β -lactamases in *Klebsiella pneumoniae* isolates from twenty-four United States hospitals. *Antimicrobial Agents & Chemotherapy*, 46, 3837-3842.

Moland, E. S., Hanson, N. D., Herrera, V. L., Black, J. A., Lockhart, T. J., Hossain, A., Johnson, J. A., Goering, R. V., & Thomson, K. S. (2003). Plasmid-mediated, carbapenem-hydrolyzing β -lactamase, KPC-2, in *Klebsiella pneumoniae* isolates. *Journal of Antimicrobial Chemotherapy*, 51, 711-714

Monaghan, M., Turner, P., Houghton, B., Markert, R. J., Galt, K., Bergman-Evans, B., & Rich, E. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), article 7.

Monaghan, M. S., Turner, P. D., Houghton, B. L., Rich, E. C., Galt, K. A., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15, 14-20.

Moriyama, H., Sasamoto, H., Kambara, T., Matsubara, N., Ikeda, M., Baba, S., Meltzer, S. J., Lynch, H. T., Shimizu, K., & Tanada, N. (2002). E2F-4 mutation in hereditary non-polyposis colorectal cancer. *Journal of Experimental & Clinical Cancer Research*, 21, 185-189.

Muhammad, J., Petty, F., & Wilson, D. R. (2003). Attention deficit hyperactivity disorder: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com



FRANK IWERSEN — ORTHOPAEDICS

Nair, C. K., Khan, I. A., Mehta, N. J., & Ryschon, K. L. (2002). Comparison of diagnostic and prognostic implications of ST-segment changes on ambulatory holter monitoring in patients aged greater than 70 years with those aged less than 70 years. *American Journal of Cardiology*, *90*,1002-1005.

Najeed, S. A., Khan, I. A., Molnar, J., & Somberg, J. C. (2002). Differential effect of glyburide (glibenclamide) and metformin on QT dispersion: A potential K⁺ sensitive ATP channel effect. *American Journal of Cardiology*, *90*, 1103-1106.

Narod, S. A., Dubé, M.-P., Klijn, J., Lubinski, J., Lynch, H. T., Ghadirian, P., Provencher, D., Heimdal, K., Moller, P., Robson, M., Offit, K., Isaacs, C., Weber, B., Friedman, E., Gershoni-Baruch, R., Rennert, G., Pasini, B., Wagner, T., Daly, M., Garber, J. E., Neuhausen, S. L., Ainsworth, P., Olsson, H., Evans, G., Osborne, M., Couch, F., Foulkes, W. D., Warner, E., Kim-Sing, C., Olopade, O., Tung, N., Saal, H. M., Weitzel, J., Merajver, S., Gauthier-Villars, M., Jernstrom, H., Sun, P., & Brunet, J.-S. (2002). Oral contraceptives and the risk of breast cancer in BRCA1 and BRCA2 mutation carriers. *Journal of the National Cancer Institute*, *94*, 1773-1779.

Nathan, R. A., Casale, T. B., & Fleisher, T. A. (2003, March). *Adelphi oracle: Forum on evolving therapies for allergic rhinitis* (Special ed., 1-8). Adelphi, Inc.

Neumayer, L., Jonasson, O., Fitzgibbons, R., Jr., Reda, D., Gibbs, J., & Hatton-Ward, S. (2003). Tension-free inguinal hernia repair: Comparison of open and laparoscopic surgical techniques study design. *Journal of the American College of Surgeons*, *196*(5), 743-752.

O'Brien, R. L. (2002). [Review of J. Mohan, *Planning, markets and hospitals*]. *Doody's Review Service* [On-line]. Available: <http://www.doody.com>

O'Brien, R. L. (2002). [Review of P. Dolan & J. A. Olsen, *Distributing health care: Economic and ethical issues*]. *Doody's Review Service* [On-line]. Available: <http://www.doody.com>

O'Brien, R. L. (2002, Fall). Why does Creighton have a medical center? Religious values in health professions. *Creighton University Magazine*, 35.

O'Brien, R. L. (2002, October 10). Will we ever be happy with managed care? *Catholic News Service*.

O'Brien, R. L. (2002, Winter). The threat and promise of human cloning. *Creighton University Magazine*, 34-38.

Ohia S. E., Galt, K., O'Brien, R. L., & Wilson, M. R. (2002). Establishment of the Creighton University Health Sciences Center for Interprofessional Education. Washington, DC: Association of Academic Health Centers.

Okazaki, Y., Furuno, M., Kasukawa, T., Adachi, J., Bono, H., Kondo, S., Nikaido, I., Osato, N., Saito, R., Suzuki, H., Yamanaka, I., Kiyosawa, H., Yagi, K., Tomaru, Y., Hasegawa, Y., Nogami, A., Schonbach, C., Gojobori, T., Baldarelli, R., Hill, D. P., Bult, C., Hume, D. A., Quackenbush, J., Schriml, L. M., Kanapin, A., Matsuda, H., Batalov, S., Beisel, K. W., et al., FANTOM Consortium, & RIKEN Genome Exploration Research Group Phase I & II Team. (2002). Analysis of the mouse transcriptome based on functional annotation of 60,770 full-length cDNAs. *Nature*, *420*(6915), 563-573.

Olack, B. J., Jaramillo, A., Benshoff, N. D., Kaleem, Z., Swanson, C. J., Lowell, J. A., & Mohanakumar, T. (2002). Rejection of porcine islet xenografts mediated by CD4+ T-cells activated through the indirect antigen recognition pathway. *Xenotransplantation*, 9(6), 393-401.

Padala, P., Petty, F., & Wilson, D. R. (2003). Nicotine and associated chemicals abuse: Review. *XPharm: Elsevier Science* [On-line]. Available: www.xpharm.com

Palyi, I., Vincze, B., Mexo, I., Pato, J., Kalnay, A., Gaal, D., Sepródi, J., Hudecz, F., Mezo, G., Lovas, S., & Murphy, R. F. (2002). New GnRH analog conjugates of high selectivity against cancer. *Recent Res Devel. Peptides*, 1, 35-48.

Pauley, S., Wright, T. J., Pirvola, U., Ornitz, D., Beisel, K., & Fritsch, B. (2003). Expression and function of FGF10 in mammalian inner ear development. *Developmental Dynamics*, 227(2), 203-215.

Pavelko, K. D., Howe, C. L., Drescher, K. M., Gamez, J. D., Johnson, A. J., Wei, T., Ransohoff, R. M., & Rodriguez, M. (2003). Interleukin-6 protects anterior horn neurons from lethal virus-induced injury. *Journal of Neuroscience*, 23, 481-492.

Pearce, V., Nawaz, Z., Xiao, W., Wiedenfeld, D., Boyle, N., & Smith, D. (2003). 4-ethoxymethyl-phenol: A novel estrogen that acts as an agonist for human estrogen receptors. *Steroid Biochemistry & Molecular Biology*, 84, 431-439.

Perry, B., Jensen-Smith, H. C., Ludueña, R. F., & Hallworth, R. (2003). Selective expression of β tubulin isotypes in gerbil vestibular sensory epithelia and neurons. *Journal of the Association for Research in Otolaryngology* [On-line]. Available: <http://www.springerlink.com/app/home/content.asp?wasp=1exdm0d7qh3utlfdmww&referrer=contributon&format=2&page=1&pagecount=10>

Pitchford, I., & Wilson, D. R. (2003). Evolutionary developmental psychopathology. In D. R. Wilson & H. S. Akiskal (Eds.), *Darwinian evolution and psychopathology*. *APA Symposium*, 62 [CEU Audio]. Valencia, CA: Mobiltape.

Popnikolov, N. K., Gatalica, Z., Colome-Grimmer, M. I., & Sanchez, R. L. (2003). Loss of mismatch repair proteins in sebaceous gland tumors. *Journal of Cutaneous Pathology*, 30, 178-184.

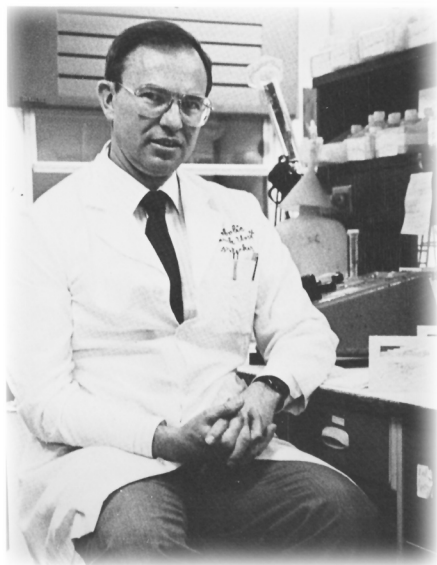
Punukollu, G., Gowda, R. M., Khan, I. A., & Dogan, O. M. (2003). Delayed presentation of calcium channel antagonist overdose. *American Journal of Therapeutics*, 10, 132-134.

Purtilo, R., & Haddad, A. (2002). *Health professional and patient interaction* (6th ed). Philadelphia: W. B. Saunders Company.

Qin, Y. J., Shen, H., Huang, Q. R., Zhao, L. J., Zhou, Q., Li, M. X., He, J. W., Mo, X. Y., Lu, J. H., Recker, R. R., & Deng, H. W. (2003). Estrogen receptor α gene polymorphisms and peak bone density (PBD) in Chinese nuclear families. *Journal of Bone & Mineral Research*, 18, 1028-1035.



MATILDA MCINTIRE — PEDIATRICS



ROBERT RECKER —
OSTEOPOROSIS RESEARCH

Raevaara, T. E., Vaccaro, C., Abdel-Rahman, W. M., Mocetti, E., Bala, S., Lönnqvist, K. E., Kariola, R., Lynch, H. T., & Peltomäki, P. (2003). Pathogenicity of the hereditary colorectal cancer mutation hMLH1 del616 linked to shortage of the functional protein. *Gastroenterology*, *125*, 501-509.

Ramesh, M., Gowda, R. M., Pudukollu, G., Khan, I. A., Wilbur, S. L., Navarro, V. S., Vasavada B. C., & Sacchi, T. J. (2003). Lone atrial fibrillation during pregnancy. *International Journal of Cardiology*, *88*, 123-124.

Raufi, A., Khan, I. A., Sahni, G., Rahmatullah, S. I., Nair, V. M., Rodriguez, C., Vasavada, B. C., & Sacchi, T. J. (2002). Rupture of a surgically repaired sinus of Valsalva aneurysm. *Journal of Clinical & Basic Cardiology*, *5*, 199-200.

Recker, R. R. (2002). Osteoporosis in women. *Journal of Musculoskel Neuron Interact*, *3*, 1.

Recker, R. R. (2003). Osteoporosis trials: Ethics in study design [Proceedings of two conferences]. *Journal of Bone & Mineral Research*, *18*, 1116.

Recker, R. R., & Barger-Lux, M. J. (2002). Embryology, anatomy, and microstructure of bone. In F. L. Coe & M. J. Favus (Eds.), *Disorders of bone and mineral metabolism* (2nd ed.). Philadelphia: Lippincott Williams & Wilkins.

Recker, R. R., & Barger-Lux, M. J. (2002). Osteoporosis: Etiology, diagnosis and treatment. In R. Fitzgerald, H. Kaufer, & A. L. Malkani (Eds.), *Orthopaedics* (chap. 8, pp. 201-207). Mosby, Inc.

Recker, R. R., & Barger-Lux, M. J. (2002). Transilial bone biopsy. In J. P. Bilezikian, L. Raisz, & G. A. Rodan (Eds.), *Principles of bone biology* (2nd ed.). San Diego, Academic Press.

Recker, R. R., & Deng, H. W. (2002). The role of genetics in osteoporosis [Invited review]. *Endocrine*, *17*(1), 55-66

Reidelberger, R. D., Castellanos, D., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on food intake in rats. *American Journal of Physiology - Regulatory, Integrative & Comparative Physiology*, *285*, R429-R437.

Reidelberger, R. D., Heimann, D., Kelsey, L., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on feeding responses to duodenal nutrient infusions in rats. *American Journal of Physiology - Regulatory, Integrative & Comparative Physiology*, *284*, R389-R398.

Reidelberger, R. D., Kelsey, L., Heimann, D., & Hulce, M. (2003). Effects of peripheral CCK receptor blockade on gastric emptying in rats. *American Journal of Physiology - Regulatory Integrative & Comparative Physiology*, *284*, R66-R75.

Rendell, M., Anderson, E., Schlueter, W., Mailliard, J., Honigs, D., & Rosenthal, R. (2003). Determination of hemoglobin levels in the finger using near infrared spectroscopy. *Clinical & Laboratory Haematology*, *25*, 93-97.

Rendell, M., Cariski, A. T., Hittel, N., & Zhang, P. (2002). Cilostazol treatment of claudication in diabetic patients. *Current Medical Research & Opinion*, 18, 479-487.

Rendell, M., Glazer, N. B., & Ye, Z. (2003). Combination therapy with pioglitazone plus metformin or sulfonylurea in patients with type 2 diabetes: Influence of prior antidiabetic drug regimen. *Journal of Diabetes Complications*, 17, 211-217.

Rendell, M., Johnson, M. L., Smith, D., Finney, D., Capp, C., Lammers, R., & Lancaster, S. (2002). The skin blood flow response in the rat model of wound healing: Expression of vasoactive factors. *Journal of Surgical Research*, 107, 18-26.

Rich, E. C. (2002, November). [Review of *A physician's guide to health care management*]. *Doody's Review Service* [On-line]. Available: <http://www.doody.com>

Rich, E. C. (2003, April). [Review of *Physician characteristics and distribution in the U.S. (2003-2004 ed.)*]. *Doody's Review Service* [On-line]. Available: <http://www.doody.com>

Rich, E. C., Burke, W., Heaton, C. J., Haga, S., Pinsky, L., Short, M. P., & Acheson, L. (2002). Revitalizing the family history in primary care. *Journal of General Internal Medicine*.

Rich, E. C., Liebow, M., Srinivasan, M., Parish, D., Woolliscroft, J. O., Fein, O., & Blaser, R. (2002). Medicare financing of graduate medical education: Intractable problems, elusive solutions. *Journal of General Internal Medicine*, 17(4), 283-292.

Rich, E. C., Oasan, A., & Maio, A. (2003). Whatever happened to managed care? A look at how managed health care has changed over the years and its effect on the consumer and the health care professions. *The American Journal of Medicine*, 114(5), 426-430.

Rubel, E. W., & Fritsch, B. (2002). Auditory system development: Primary auditory neurons and their targets. *Annual Review of Neuroscience*, 25, 51-101.

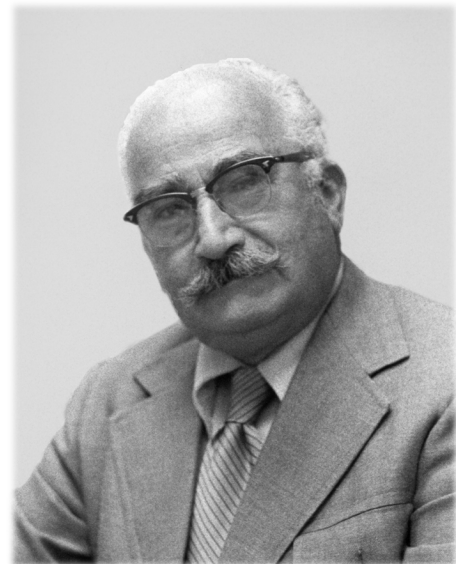
Rulyak, S. J., Brentnall, T. A., Lynch, H. T., & Austin, M. A. (2003). Characterization of the neoplastic phenotype in the familial atypical multiple-mole melanoma-pancreatic carcinoma syndrome. *Cancer*, 98, 798-804.

Sarroca, C., Peltomäki, P., Alfano, N., Tedesco, G., Della Valle, A., Dominguez, A., & Lynch, H. T. (2003). Three new mutations in hereditary nonpolyposis colorectal cancer (Lynch syndrome II) in Uruguay. *Cancer Genetics & Cytogenetics*, 142, 13-20.

Satpathy, H. (2003). [Review of *Current care of women, diagnosis & treatment*].

Sattar, S. P., Fernandes, P. P., Bhatia, S. C., & Petty, F. (2003). Potential use of adjunctive novel-antipsychotics with depot-haloperidol in non-compliant patients. *Psychiatric Services*, 54(7), 1040-1041.

Sattar, S. P., Grant, K, Bhatia, S. C., & Petty, F. (2003).



MAURICE STEINBERG — UROLOGY

Potential use of Olanzapine in treatment of substance dependence disorders. *Journal of Clinical Psychopharmacology*, 23(4), 413-415.

Sattar, S. P., Ucci, B., Grant, K., Bhatia, S. C., & Petty, F. (2002). Quetiapine therapy for posttraumatic stress disorder. *The Annals of Pharmacotherapy*, 36, 1875-1878.

Sayed, M. G., Ahmed, A. F., Ringold, J. R., Anderson, M. E., Bair, J. L., Mitros, F. A., Lynch, H. T., Tinley, S. T., Petersen, G. M., Giardiello, F. M., Vogelstein, B., & Howe, J. R. (2002). Germline *SMAD4* or *BMPRIA* mutations and phenotype of juvenile polyposis. *Annals of Surgical Oncology*, 9, 901-906.

Schaefer, J. (2002). [Review of *Evidence based medicine toolkit* (1st ed.)]. Doody Publishing Company.

Schaefer, J. (2002). [Review of *Manual of family practice* (2nd ed.)]. Doody Publishing Company.

Schaefer, J. (2002). [Review of *Occupational medicine* (1st ed.)]. Doody Publishing Company.

Schaefer, J. (2002). [Review of *Pocket primary care* (1st ed.)]. Doody Publishing Company.

Schaefer, J. (2002). Survivor's viewpoint: A survey report. *Nebraska Medicine*.

Schild, S. E., Stella, P. J., Geyer, S. M., Bonner, J. A., Marks, R. S., McGinnis, W. L., Goetz, S. P., Kuross, S. A., Mailliard, J. A., Kugler, J. W., Schaefer, P. L., & Jett, J. R. (2002). Phase II trial comparing chemotherapy plus once-daily or twice-daily radiotherapy in stage II non-small cell lung cancer. *International Journal of Radiation Oncology, Biology, Physics*, 54(2), 370-378.

Schild, S. E., Stella, P. J., Geyer, S. M., Bonner, J. A., McGinnis, W. L., Mailliard, J. A., Brindle, J., Jatoi, A., & Jett, J. R. (2003). The outcome of combined-modality therapy for stage III non-small cell lung cancer in the elderly. *Journal of Clinical Oncology*, 21(17), 3201-3206.

Seker, H., Rubbi, C., Linke, S. P., Bowman, E. D., Garfield, S., Hansen, L., Borden, K. L. B., Milner, J., & Harris, C. C. (2003). UV-C-induced DNA damage leads to p53-dependent nuclear trafficking of PML. *Oncogene*, 22, 1620-1628.

Shapiro, R. S., & Heaney, R. P. (2003). Co-dependence of calcium and phosphorus on growth and bone development under conditions of varying deficiency. *Bone*, 32, 532-540.

Sharma, A., Petty, F., & Wilson, D. R. (2003). Opioid abuse: Review. *XPharm: Elsevier Science* [Online]. Available: www.xpharm.com

Shen, P., Hoffman, A., Howerton, R., & Loggie, B. W. (2002). Cryosurgery of close or positive margins after hepatic resection for primary and metastatic hepatobiliary malignancies. *American Surgeon*, 68, 695-703.

Shen, P., Levine, E. A., Hall, J., Case, D., Russell, G., Fleming, R. A., McQuellon, R. P., Geisinger, K. R., & Loggie, B. W. (2003). Factors predicting survival following intraperitoneal hyperthermic chemotherapy with mitomycin C after cytoreductive surgery for patients with peritoneal carcinomatosis. *Archives of Surgery* [On-line], 138, 26-33. Available: <http://archsurg.ama-assn.org/issues/v138n1/rfull/soa2119.html>

Shen, X. D., Li, H., Rovang, K., Hee, T., Holmberg, M. J., Mooss, A. N., & Mohiuddin, S. M. (2002). Prevalence of intra-atrial thrombi in atrial fibrillation. Patients with subtherapeutic international normalized ratios while taking conventional anticoagulation. *American Journal of Cardiology*, 90(15), 660-662.

Shen, X. D., Li, H. G., Rovang, K. S., Hee, T., Holmberg, M. J., Mooss, A. N., & Mohiuddin, S. M. (2002). Repeat transesophageal echocardiography before cardioversion of recurrent atrial fibrillation. Is it necessary in undercoagulated patients who had no previous atrial thrombi? *Circulation*, 106(19), II 706.

Siddiqui, M. A., Holmberg, M. J., & Khan, I. A. (2002). High-grade atherosclerosis of the aorta. *Texas Heart Institute Journal*, 29(1), 60-61;61-62.

Siddiqui, M. A., & Khan, I. A. (2002). Role of lead aVR in evaluation of 12-lead electrocardiogram. *Angiology*, 53, 709-713.

Siddiqui, M. A., & Khan, I. A. (2003). Differential electrocardiographic artifact from implanted spinal cord stimulator. *International Journal of Cardiology*, 87, 305-307.

Siddiqui, M. A., Mehta, N. J., & Khan, I. A. (2003). Paracelsus: The Hippocrates of the Renaissance. *Journal of Medical Biography*, 11, 78-80.

Siddiqui, M. A., Munugoti, S., & Khan, I. A. (2003). Electrocardiographic artifact mimicking acute myocardial infarction. *International Journal of Cardiology*, 87, 99-101.

Singh, N., Gowda, R. M., Khan, I. A., & Konka, S. (2003). Malignant ventricular arrhythmias during coronary angiography. *International Journal of Cardiology*, 89, 111-113.

Smith, C. L., DeVera, D. G., Lamb, D. J., Nawaz, Z., Jiang, Y. H., Beudet, A. L., & O'Malley, B. W. (2002). Genetic ablation of the steroid receptor coactivator-ubiquitin ligase, E6-AP, results in tissue-selective steroid hormone resistance and defects in reproduction. *Molecular & Cellular Biology*, 22, 525-535.



JAMES MANION — ANESTHESIOLOGY

Smith, D. D., Saha, S., Fang, G., Schaffert, C., Waugh, D. J. J., Zeng, W., Toth, G., Hulce, M., & Abel, P. W. (2003). Modifications to the N-terminus but not the C-terminus of calcitonin gene-related peptide(8-37) produces antagonists with increased affinity for CGRP receptors. *Journal of Medicinal Chemistry*, 46, 2427-2435.

Smith, S. Y., Recker, R. R., Hannan, M., Muller, R., & Bauss, F. (2003). Intermittent intravenous administration of the bisphosphonate ibandronate prevents bone loss and maintains bone strength and quality in ovariectomized cynomolgus monkeys. *Bone*, 32, 45-55.

Sokol, M. S. (2002, October). Eating disorders. *Just Kids*.

Sokol, M. S. (2003). [Reply to C. S. Hamilton, M. A. Garvey, & S. E. Swedo, Sensitivity of the D8/17 assay — Letter to the editor]. *American Journal of Psychiatry*, 160(6), 1199.

- Sokol, M. S., Ward, P., Tamiya, H., Kondo, D. G., Houston, D., & Zabriskie, J. (2002). D8/17 expression on B lymphocytes in anorexia nervosa. *American Journal of Psychiatry*, 159, 8.
- Soucier, R., Silverman, D., Abordo, M., Jaagosild, P., & Abiose, A. K. (2003). Propafenone versus ibutilide for postoperative atrial fibrillation following cardiac surgery: A randomized trial (the PIPAF study). *Medical Science Monitor*, 9(3), 19-23
- St. John Sutton, M., Rendell, M., Dandona, P., Dole, J. F., Murphy, K., Patwardhan, R., Patel, J., & Freed, M. (2002). A comparison of the effects of rosiglitazone and glyburide on cardiovascular function and glycemic control in patients with type 2 diabetes. *Diabetes Care*, 25, 2058-2064.
- Stanberry, L. R., Spruance, S. L., Cunningham, A. L., et al., GlaxoSmithKline Herpes Vaccine Efficacy Study Group [including members Chartrand, S. A., Chatterjee, A., Harrison, C. J.]. (2002). Glyco-protein-D adjuvant vaccine to prevent genital herpes. *New England Journal of Medicine*, 347, 1652-1661.
- Staplin, W. R., & Knezetic, J. A. (2003). BVL-1 like VL30 promoter sustains long-term expression in erythroid progenitor cells. *Blood*, 101(5), 1798-1800.
- Steele, D., Kertsburg, A., & Soukup, G. A. (2003). Engineered catalytic RNA and DNA: New biochemical tools for drug discovery and design. *American Journal of Pharmacogenomics*, 3, 131-144.
- Strandness D. E., Jr., Dalman, R. L., Panian, S., Rendell, M. S., Comp, P. C., Zhang, P., & Forbes, W. P. (2002). Effect of cilostazol in patients with intermittent claudication: A randomized, double-blind, placebo-controlled study. *Journal of Vascular & Endovascular Surgery*, 36, 83-91.
- Svolos, T. (2002, October 11). The specificity of psychoanalysis relative to psychotherapy. *Ornicar?*[On-line], 218. Available: <http://www.wapol.org/ornicar/218.htm>
- Svolos, T. (2003). Lacan [Letter to the editor]. *The Bulletin for Section #44 (Psychotherapy) of the World Psychiatric Association & the ASCAP Society*, 4(2), 4.
- Svolos, T. (2003). The specificity of psychoanalysis relative to psychotherapy. *Psychoanalytical Notebooks*, 10, 181-196.
- Swanson, P. C. (2002). B cell development. In R. Nairn & M. Helbert (Eds.), *Immunology for medical students* (pp. 109-120). London: Mosby.
- Swanson, P. C. (2002). Fine structure and activity of discrete RAG-HMG complexes on V(D)J recombination signals. *Molecular & Cellular Biology*, 22, 1340-1351.
- Swanson, P. C. (2002). A RAG-1/RAG-2 tetramer supports 12/23-regulated synapsis, cleavage, and transposition of V(D)J recombination signals. *Molecular & Cellular Biology*, 22, 7790-7801.
- Thompson, P. D., Buchner, D., Pina, I., Balady, G. J., Williams, M. A., et al. (2003). Exercise and physical activity in cardiovascular disease. *Circulation*, 107, 3109-3116.
- Toth, G., Kover, K. E., Murphy, R. F., & Lovas, S. (2002). α -helix stabilizing aromatic-backbone interactions. *Peptides: The Wave of the Future 2001*, 303-305.

Townley, R. G. (2003). Short and long-acting bronchodilators in asthma. In M. Kaliner (Ed.), *Current reviews of asthma* (pp. 151-172). Philadelphia: Current Medicine, Inc.

Townley, R. G. (2003). What factors cause bronchial hyperresponsiveness? Airway inflammation and eosinophilia are only part of the puzzle. *Annals of Allergy, Asthma, & Immunology*, 90(2), 176-178.

Townley, R. G., Hopp, R. J., Agrawal, D. K., Casale, T. B., & Hopfenspirger, M. T. (2002). Immunomodulation in the treatment and/or prevention of bronchial asthma. *Allergology Int*, 51(2), 63-73.

Townley, R. G., & Horiba, M. (2003). Airway hyperresponsiveness: A story of mice and men and cytokines. *Clinical Review of Allergy & Immunology*, 24(1), 85-110.

Tracy, S., Drescher, K. M., Chapman, N. M., Kim, K. S., Carson, S. D., Pirruccello, S., Lane, P. H., Romero, J. R., & Leser, J. S. (2002). Toward testing the hypothesis that group B coxsackieviruses (CVB) trigger insulin-dependent diabetes: Inoculating nonobese diabetic mice with CVB markedly lowers diabetes incidence. *Journal of Virology*, 76, 12097-12111.

Velagaleti, G. V. N., Tapper, J. K., Panova, N. E., Miettinen, M., & Gatalica, Z. (2003). Cytogenetic findings in a case of nodular fasciitis of subclavicular region. *Cancer Genetics & Cytogenetics*, 141, 160-163.

Vent, J., Bartels, S., Haynatzki, G., Gentry-Nielsen, M. J., Leopold, D. A., & Hallworth, R. (2003). The impact of ethanol and tobacco smoke on intranasal epithelium in the rat. *American Journal of Rhinology*, 17, 241-247.

Wagner, A., van der Klift, H., Franken, P., Wijnen, J., Breukel, C., Bezrookove, V., Smits, R., Kinarsky, Y., Barrows, A., Franklin, B., Lynch, J., Lynch, H., & Fodde, R. (2002). A 10-Mb paracentric inversion of chromosome arm 2p inactivates MSH2 and is responsible for hereditary nonpolyposis colorectal cancer in a North-American kindred. *Genes, Chromosomes & Cancer*, 35, 49-57.

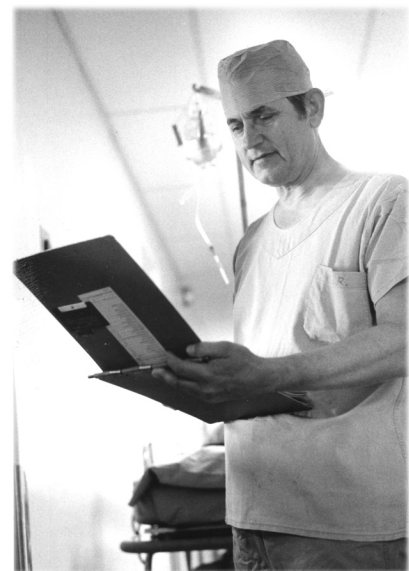
Wang, Q., Wang, X., Hernandez, A., Hellmich, M. R., Gatalica, Z., & Evers, B. M. (2002). Regulation of TRAIL expression by the PI3-kinase/Akt/GSK-3 pathway in human colon cancer cells. *Journal of Biology & Chemistry*, 277, 36602-36610.

Welie, J. V. M. (2003). Ignatius of Loyola on medical education. Or: Should today's Jesuits continue to run health sciences schools? *Early Science & Medicine*, 8(1), 26-43

Welie, J. V. M. (2003). The relationship between medicine's internal morality and religion. *Christian Bioethics*, 8(2), 175-198.

Welie, J. V. M. (2003). Saint Ignatius' attitude towards the body, health and health care. *National Catholic Bioethics Quarterly*, 3(2), 247-255.

Williams, M. A., & Eickhoff Shemek, J. M. (2002). Exercise and physical activity: What to recommend to older women. *Women's Health*, 5, 624-637, 640.



ARNOLD LEMPKA — SURGERY

Williams, M. A., Fleg, J. L., Ades, P. A., et al. (2002). Secondary prevention of coronary heart disease in the elderly (with emphasis on patients equal to or greater than seventy-five years of age). *Circulation*, *105*, 1735-1743.

Wilson, D. R. (2002). The phylogeny of neurotransmission: Evolution, epidemiology and end effects. In R. Gardner & W. Cory (Eds.), *The triune brain and mind*. Westport, CT: Greenwood Press. Available: <http://info.greenwood.com/books/0275972/0275972194.html>

Wilson, D. R., & Akiskal, H. S. (Eds.). *Darwinian evolution and psychopathology*. *APA Symposium*, 62 [CEU Audio]. Valencia, CA: Mobiltape.

Wilson, D. R., Sarkar, N., D'Souza, L., Newton, M., & Newman, M. (2003). New onset diabetes and ketoacidosis with novel antipsychotics. *Schizophrenia Research*, *59*(1), 1-6.

Wobowo, F. I., Ahmed, S., Gembitsky, D. S., Lovas, S., & Murphy, R. F. (2002). Human colon cancers recognize N-carboxymethyl gastrin by a non-CCK1, non-CCK2 receptor. *Peptides: The Wave of the Future 2001*, 905-906.

Woo, K., Jensen-Smith, H. C., Ludueña, R. F., & Hallworth R. (2002). Differential expression of β tubulin isotypes in gerbil nasal epithelia. *Cell & Tissue Research*, *309*, 331-335.

Wurdeman, R., Mooss, A. N., Mohiuddin, S. M., & Lenz, T. L. (2002). Amiodarone versus sotalol as prophylaxis against atrial fibrillation/flutter after heart surgery: A meta-analysis. *Chest*, *121*, 1203-1210.

Xiang, M., Maklad, A., Pirvola, U., & Fritsch, B. (2003). Brn3c null mutant mice show long-term, incomplete retention of some afferent inner ear innervation. *BMC Neuroscience*, *4*, 2-14.

Yan, F., Gao, X., & Nawaz, Z. (2003). Specific ubiquitin-conjugating enzymes promote degradation of specific nuclear receptor coactivators. *Molecular Endocrinology*, *17*, 1315-1331.

Yang, J., Jaramillo, A., Liu, W., Olack, B., Yoshimura, Y., Joyce, S., Kaleem, Z., & Mohanakumar, T. (2003). Chronic rejection of murine cardiac allograft discordant at the H13 minor histocompatibility antigen correlates with the generation of H13-specific CD8⁺ cytotoxic T cells. *Transplantation*, *76*(1), 84-91.



HAROLD STRUCK —
PHYSIOLOGY & PHARMACOLOGY

Yohannes, P., Bruno, T., Pathan, M., & Baltaro, R. (2003). Laparoscopic-assisted excision of a urachal sinus. *Journal of Urology*, *17*(7), 475-479.

Yohannes, P., & Schaefer, J. (2002). Urinary retention during the second trimester of pregnancy. *Urology*, *59*(6), 946-948.

Yoon, S., Kuivaniemi, H., Gatalica, Z., Olson, J. M., Buttice, G., Ye, S., Norris, B. A., Malcolm, G. T., Strong, J. P., & Tromp, G. (2002). MMP13 promoter polymorphism is associated with atherosclerosis in the abdominal aorta of young black males. *Matrix Biology*, *21*, 487-498.

Zhang, Y. Y., Liu, P. Y., Recker, R. R., & Deng, H. W. (2003). The impact of reproductive and menstrual history on bone mineral density (BMD) in healthy Chinese women. *Journal of Clinical Densitometry*, 6, 289-296.

Zhang, Y. Y., Long, J. R., Liu, P. Y., Liu, Y. J., Shen, S., Zhao, L. J., & Deng, H. W. (2003). Estrogen receptor α and vitamin D receptor gene polymorphisms and bone mineral density: Association study of healthy pre- and postmenopausal Chinese women. *Biochemical & Biophysical Research Communication*, 308, 777-783.

Zhao, Q., Brauer, P. R., Xiao, L., McGuire, M. H., & Yee, J. A. (2002). Parathyroid hormone-related peptide (PTHrP) and its receptor (PTH1R) influence the growth of the chicken mandibular process. *Journal of Anatomy*, 201, 137-151.

Zheng, J., He, D. Z. Z., Long, K., Madison, L. D., & Dallos, P. (2002). Identification of differentially expressed cDNA clones from cochlear outer hair cells using PCR-based suppression subtractive hybridization. *Audiology Neuro-Otology*, 7, 277-288.

Zhou, X. G., Li, M. X., Jian, W. X., Lei, S. F., Mo, X. Y., Qin, Y. J., Zhou, Q., Liu, Y. Z., & Deng, H. W. (2003). Parathyroid hormone (PTH) gene and bone mineral density/content in Chinese. *Biochemical & Biophysical Research Communication*, 307, 666-671.



DOROTHY VOSSEN — NURSING

SCHOOL OF NURSING

Bergstrom, N., & Braden, B. J. (2002). Brief report: Predictive validity of the Braden Scale among black and white subjects. *Nursing Research*, 51(6), 398-403.

Braden, B. J. (2003). The Braden scale for predicting pressure sore risk: Establishing predictive validity. *Japanese Journal of Pressure Ulcers*, 5(1-2), 112-116.

Heaney, R. P., Recker, R. R., & Lappe, J. M. (2003). Effects of calcium supplementation on serum lipid levels in postmenopausal women. *American Journal of Medicine*, 114(7), 620-621.



SHEILA RYAN — NURSING

Monaghan, M., Turner, P., Houghton, B., Markert, R. J., Galt, K., Bergman-Evans, B., & Rich, E. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), article 7.

Monaghan, M. S., Turner, P. D., Houghton, B. L., Rich, E. C., Galt, K. A., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15, 14-20.

Pinch, W. J. E., & Shannon, P. (2003). Ethical and legal issues in nursing. In L. S. Williams & P. D. Hopper (Eds.), *Understanding medical surgical nursing* (chapt. 2, pp. 11-21). Philadelphia: F. A. Davis.

Wilken, M., & Furlong, B. (2002). Poverty and health care disparities: Lessons and solutions for health care providers. *Research in the Sociology of Health Care*, 20, 201-218.

SCHOOL OF PHARMACY & HEALTH PROFESSIONS

Bartz, J. C., Kincaid, A. E., & Bessen, R. A. (2003). Rapid prion neuroinvasion following tongue infection. *Journal of Virology*, 77(11), 583-591.

Cross, P. S. (Contributor). (2003, Spring). Brains rule! gets students thinking. *Creighton University Magazine*, 5-6.

Dash, A. K., & Owens, H. (2003). Ceftriaxone. In H. Brittain (Ed.), *Profiles of drug substances, excipients, and related methodology* (vol. 30, pp. 21-59). Amsterdam: Elsevier Science.

Faulkner, M. A., Bertoni, J. M., & Lenz, T. L. (2002). Gabapentin for the treatment of tremor. *Annals of Pharmacotherapy*, 37, 282-286.

Faulkner, M. A., & Hilleman, D. E. (2003). The economic impact of chronic obstructive pulmonary disease. *Expert Opinion in Pharmacotherapy*, 3(3), 219-228.

Fischer, M., Kratz, A., Jimenez, B., Watson, C., Spence, C., Sanford, T., Goertz, H., & Scolaro, M. (2001). Aquatic therapy an occupational perspective. *OT Practice*, 6, 14-16.

Galt, K. A. (2002). Medication errors in ambulatory care. *Top Health Inform Manage*, 23(2), 34-46.

Galt, K. A., Barr, C. C., Young, W., & Royeen, C. (2002). Are Doctor of Pharmacy students prepared for high technology learning? *Pharmacy Education: An international Journal for Pharmacy Education*, 1(3), 145-157.

Galt, K. A., & Markert, R. (2002). Description and assessment of an early curriculum to teach pharmacy students caring behaviors. *Pharmacy Education: An international Journal for Pharmacy Education*, 2(1), 31-35.

Galt, K. A., Rich, E. C., Young, W., Markert, R., & Barr, C. (2002). Impact of hand-held technologies on medication errors in primary care. *Topics of Health Information Management*, 23(2), 69-79.

Ganguly S., Jayappa S., & Dash, A. K. (2003). Evaluation of the stability of creatine in solutions prepared from effervescent creatine formulations. *AAPS PharmSci Tech*. [On-line], 4(2), Article 26. Available: <http://www.pharmscitech.org>

Gendelman H. E., Destache, C. J., Zelivyanskaya, M. L., Nelson, J. A., Boska, M. D., Biskup, T. M., McCathy, M. K., Carlson, K. A., Nemechek, C. R., Benner, E. J., & Mosley, R. L. (2003). Neuroimaging and proteomic tracking of neurodegeneration in mptp-treated mice. *Annals of the New York Academy of Sciences*, 991, 319-321.

Griffiths, Y. (2003). Clinical case "Tina." In D. Pierce, *Occupation by design*. F. A. Davis Company.

Griffiths, Y. (2003). Psychological aspects of aging. In H. Lohman, R. Padilla, & S. Byers-Connon (Eds.), *Occupational therapy for elders* (chapt. 4). St. Louis: Mosby-Yearbook, Inc.

Griffiths, Y., & Ursick, K. (2003, March). Active learning. *Occupational Therapy Practice*.

Guck, T. P., Elsasser, G. N., Kavan, M. G., & Barone, E. J. (2003). Depression and congestive heart failure. *Congestive Heart Failure*, 9(3), 163-169.

Haddad, A. (2002). Ethics committee evaluation. In *Ethics committee resource manual*. Denver: Catholic Health Initiatives.

Haddad, A. (2002). Ethics consultation and review. In *Ethics committee resource manual* (sect. 6). Denver: Catholic Health Initiatives.

Haddad, A. (2002). Trustworthiness and professional ethics. *Journal of the American Pharmaceutical Association*, 42(4), 540-541.

Haddad, A. (2003). Conversations with Wendy [Poem]. In C. Davis & J. Schaefer (Eds.), *Intensive care: More poetry and prose by nurses*. University of Iowa Press.

Haddad, A. (2003). Port-a-cath [Poem]. In C. Davis & J. Schaefer (Eds.), *Intensive care: More poetry and prose by nurses*. University of Iowa Press.

Haddad, A. (2003). Ten items or less [Poem]. In C. Davis & J. Schaefer (Eds.), *Intensive care: More poetry and prose by nurses*. University of Iowa Press.

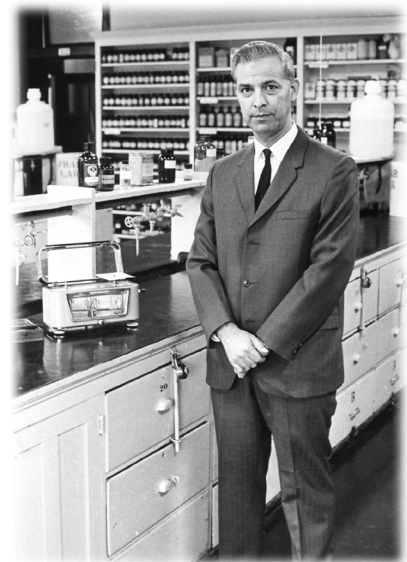
Haddock, C. C., McLean, R. A., & Chapman, R. C. (2003). Becoming a health care administrator. *Health Progress*, 84(3), 26-29.

Hamilton, W. R., Monaghan, M. S., & Turner, P. D. (2002). A comparison of pharmacy practitioner and pharmacy student attitudes toward complementary and alternative therapies in a rural state. *American Journal of Pharmaceutical Education*, 66, 55-58.

Hilleman, D. E., Malesker, M. A., & Hunter, C. B. (2002). Impact of nesiritide on health-care resource use in acute decompensated heart failure. *ASHP Midyear Clinical Meeting*, 37, 37E.

Hilleman, D. E., Reyes, A. P., Mooss, A. N., & Packard, K. A. (2003). Esmolol versus diltiazem in atrial fibrillation following coronary artery bypass graft surgery. *Current Medical Research & Opinions*, 19(5), 376-382.

Jensen, G. M., & Royeen, C. B. (2002). Improved rural access to care: Dimensions of best practice [Invited paper]. *Journal of Interprofessional Care*, 6, 117-128.



SALVATORE GRECO — PHARMACY

- Jimenez, B., Furze, J., & Zach, S. (2002). Secondary effects of chronic disease among rural Native Americans: An allied health interdisciplinary module. In *Creighton University web-based interdisciplinary education modules*.
- Jimenez, B., Lopez, J., Lundy, R., Merrick, L., Nielsen, J., & St. Cyr, W. (2003). Strengthening families partnerships curriculum. *Nebraska Children & Families Foundation*.
- Knight, J. A., Davis, E. M., Manouilov, K. K., & Hoie, E. B. (2003). The effects of postnatal age on gentamicin serum concentrations. *Pharmacotherapy*, 23(8), 992-996
- Lenz, T. L., & Wilson, A. F. (2003). Clinical pharmacokinetics of antiplatelet agents used in the secondary prevention of stroke. *Clinical Pharmacokinetics*, 42(10), 909-920.
- Lohman, H. (2003). Critical analysis of a public policy: An occupational therapist's experience with the Patient Bill of Rights. *The American Journal of Occupational Therapy*, 57(4).
- Lohman, H., Griffiths, Y., & Coppard, B. (2003). The power of book discussion groups in intergenerational learning. *Educational Gerontology*, 29(2).
- Lohman, H., Griffiths, Y., Coppard, B. M., & Cota, L. (2003). An intergenerational experience in a gerontology course. *Journal of Educational Gerontology*, 29, 1-13.
- Lohman, H., Griffiths, Y, Coppard, B. M., & Cota, L. (2003). The power of book discussion groups in terngenerational learning. *Educational Gerontology*, 29, 103-115.
- Lohman, H., & Royeen, C. (2002). Post traumatic stress disorder and traumatic hand injuries: A neuro-occupational view. *The American Journal of Occupational*, 56(5), 527-538.
- Lust, E., & Galt, K. A. (2003). Unexpected benefits of a veterinary therapeutics elective course: Teaching caring. *American Journal of Pharmaceutical Education*, 67(1), article 15.
- Madras, D., & Barr, J. B. (2003). Rehabilitation for functional ankle instability. *Journal of Sport Rehabilitation*, 12, 133-142.
- Malone, P. M. (2002). Drug information pharmacy practice. In J. DiPiro, *Encyclopedia of Clinical Pharmacy*. New York: Marcel Dekker, Inc.
- Malone, P. M. (2002). Informatics – Where do we go from here? *Adv Pharm*, 1(1), 1-14.
- Malone, P. M. (2002, August 27). Creighton University Medical Center's web-based pathway to obtain a Doctor of Pharmacy degree [On-line]. Available: <http://www.pharmaceutical-int.com/print.asp?artID=429>
- Malone, P. M. (2003). Diabetes mellitus resources on the Internet. *Advances in Pharmacy*, 1(2), 88-101.
- Malone, P. M. (2003). Psychiatry resources on the Internet. *Advances in Pharmacy*, 1(3), 266-276.
- McGuire, T. R., Trickler, W. J., Hock, L., Vrana, A., Hoie, E. B., & Miller, D. W. (2003). Release of prostaglandin E-2 in bovine endothelial cells after exposure to three unique forms of the antifungal drug amphotericin: Role of COX-2 in amphotericin-induced fever. *Life Sciences*, 72(23), 2581-290.

McLean, R. A. (2003). *Financial management in health care organizations* (2nd ed.). ITP/Delmar.

Mo, Y., Dobberpuhl, D., & Dash, A. K. (2003). A simple LC method with pulsed EC detection for the analysis of creatine. *Journal of Pharmaceutical & Biomedical Analysis*, 32, 125-132.

Monaghan, M., & Elsasser, G. N. (2002, Winter). Student achievement versus reactions to incorporating performance-based assessments in a therapeutics course. *American Journal of Pharmaceutical Education*, 66(Suppl.), 93S.

Monaghan, M., & Galt, K. A. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15(1), 14-20.

Monaghan, M., Turner, P., Houghton, B., Markert, R. J., Galt, K., Bergman-Evans, B., & Rich, E. (2003). Pharmacotherapy cost comparison among health professional students. *American Journal of Pharmaceutical Education*, 67(3), article 7.

Monaghan, M. S., Turner, P. D., Houghton, B. L., Rich, E. C., Galt, K. A., & Bergman-Evans, B. (2003). Student understanding of the relationship between the health professions and the pharmaceutical industry. *Teaching & Learning in Medicine*, 15, 14-20.

Mu, K., Zardetto-Smith, A. M., & Coles, J. (2003). Working together in neuroscience. *Advance for Occupational Therapy Practitioners*, 19, 5.

Ohia S. E., Galt, K., O'Brien, R. L., & Wilson, M. R. (2002). Establishment of the Creighton University Health Sciences Center for Interprofessional Education. Washington, DC: Association of Academic Health Centers.

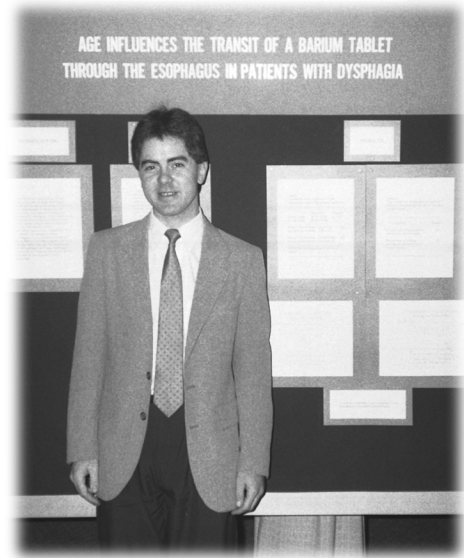
Packard, K. A., Backes, J. M., Lenz, T. L., Wurderman, R. L., Destache, C. J., & Hilleman, D. E. (2002). Comparison of gemfibrozil and fenofibrate in patients with dyslipidemic coronary heart disease. *Pharmacotherapy*, 22, 1527-1532.

Padilla, R. (2002). Innovations in teaching: Real life context as bridge to academic learning. In A. McDermott (Ed.), *Diversity and motivation: Responsive teaching and today's adolescent world* (pp. 103-109). San Francisco, CA: Jossey-Bass.

Padilla, R. (2002). Real life learning: A critical review of outcome standards in secondary education. In H. Gardner (Ed.), *The world of difference: Updates on the theory of multiple intelligences* (pp. 53-89). Harvard University Press.

Padilla, R. (2003). Clara: A phenomenology of disability. *American Journal of Occupational Therapy*, 57, 413-423.

Padilla, R., Barrett, K., & Walker, L. (2003). Culture and the occupational therapy practitioner. *OT Practice*, 8(7), 33-40.



MICHAEL MONAGHAN — PHARMACY

Paschal, K. A., Jensen, G. M., & Mostrum, E. (2002). Building portfolios: A means for developing habits of reflective practice in physical therapy education. *Journal of Physical Therapy Education*, 16(3), 38-53.

Peck, K. (2003). Pelvic and buttock syndromes. In M. Mellion, M. Putudian, & C. Madden, *Sports medicine secrets* (3rd ed., chapt. 66). Philadelphia: Hanley & Belfus, Inc.

Peck, K. (2003). Physical therapy modalities. In M. Mellion, M. Putudian, & C. Madden, *Sports medicine secrets* (3rd ed., chapt. 77). Philadelphia: Hanley & Belfus, Inc.

Purtilo, R., & Haddad, A. (2002). *Health professional and patient interaction* (6th ed). Philadelphia: W. B. Saunders Company.

Ries, E. (2003). The art and architecture of caring (P. S. Cross, contributor to "Advocacy" section). *PT Magazine*, 11(4), 36-43.

Rospond, R. M., & Faulkner M. (2003). Head and neck. In R. Jones & R. Rospond (Eds.), *Patient assessment in pharmacy practice* (pp. 157-174). Baltimore: Lippincott Williams & Wilkins.

Royeen, C., & Mu, K. (2003). Stability of tactile defensiveness across cultures: European and American children's responses to the TIE. *Occupational Therapy International*, 10, 165-167.

Sandmann, B. J. , & Dash, A. K. (2002). Ionic equilibria. In M. M. Amiji & B. J. Sandman (Eds.), *Applied physical therapy* (chapt. 5). McGraw-Hill Medical Publishing Divisions.

Sandstrom, R. S., Lohman, H., & Bramble, J. D. (2002). *Health care services: Policy and systems for therapists*. Prentice-Hall Inc.

Sawhney, A., & Dash, A. K. (2002). A simple LC method with UV detection for the analysis of creatine and creatinine and its application to several creatine formulations. *Journal of Pharmaceutical & Biomedical Analysis*, 29, 939-945.



JAMES CRAMPTON — PHARMACY

Scheirton, L., Mu, K., & Lohman, H. (2003). Occupational therapists' responses to practice errors in physical rehabilitation settings. *The American Journal of Occupational Therapy*, 57(3), 307-315.

Shepard, K., & Jensen, G. (Eds.). (2002). *Handbook of teaching for physical therapists* (2nd ed.). Boston: Butterworth-Heinemann Pub.

Shitut, N. R., Rastogi, S. K., Singh, S., Kang, F., & Singh, J. (2003). Rectal and vaginal routes of drug delivery. In T. K. Gosh & B. R. Jasti (Eds.), *Theory and practice of contemporary pharmaceuticals*. New York: Taylor & Francis.

Singh, S., & Singh, J. (2003). Percutaneous absorption, biophysical, and macroscopic barrier properties of skin exposed to major components of JP-8 jet fuel. *Environmental Toxicology & Pharmacology*, 14, 77-85.

Singh, S., Zhao, K., & Singh, J. (2002). *In vitro* permeability and binding of hydrocarbons in pig ear and human abdominal skin. *Drug & Chemical Toxicology*, 25, 83-92.

Singh, S., Zhao, K., & Singh, J. (2003). *In vivo* percutaneous absorption, skin barrier perturbation, and irritation from JP-8 jet fuel components. *Drug & Chemical Toxicology*, 26, 135-146.

Skrabal, M. Z., Stading, J. A., Cannella, C. A., & Monaghan, M. S. (2003). Two cases of rhabdomyolysis associated with high-dose simvastatin. *American Journal of Health-Syst Pharm*, 60(6), 578-581.

Skrabal, M. Z., Stading, J. A., & Monaghan, M. S. (2003). Rhabdomyolysis associated with simvastatin-nefazodone therapy. *Southern Medicine Journal*, 96(10), 1034-1035.

Thomas, S., Turner, K., Jensen, G. M., & Goulet, C. (2003). Physical therapists' perceptions of motivational factors and barriers to pursuing a transitional DPT degree. *Journal of Physical Therapy Education*, 17(2), 38-43.

Threlkeld, A. J. (2002). Basic structure and function of the joints. In D. A. Neumann (Ed.), *Kinesiology of the musculoskeletal system* (chapt. 2, pp. 25-40). Mosby.

Threlkeld, A. J., Cooper, L. D., Monger, B. P., Craven, A. N., & Haupt, H. G. (2003). Temporospacial and kinematic gait alterations during treadmill walking with body weight suspension. *Gait & Posture*, 17(3), 257-266.

Wilson, A. F., Foral, P. A., Nystrom, K. K., Heineman, S. M., Wargo, K. A., & Wargo, N. A. (2003). A review of clinical pharmacy interventions prior to implementation of a personal digital assistant intervention program in a community hospital. *Hospital Pharmacy*, 38, 1047-1051.

Wurdeman, R., Mooss, A. N., Mohiuddin, S. M., & Lenz, T. L. (2002). Amiodarone versus sotalol as prophylaxis against atrial fibrillation/flutter after heart surgery: A meta-analysis. *Chest*, 121, 1203-1210.

Zardetto-Smith, A. M., Mu, K., Royeen, C., Phelps, C. L., & Houtz, L. E. (2002). Brains rule! Fun = learning = neuroscience literacy. *The Neuroscientist*, 8(5), 396-404.



ANN LANGLEY CZERWINSKI —
PHARMACY

GRANTS

COLLEGE OF ARTS & SCIENCES

Austin, T. [Principal Investigator]; & Fleming, P. [Co-Investigator]. Service learning faculty development project. Hewlett Foundation — \$50,000 — (1 July 2002-31 August 2003).

Cherney, I. D. [Principal Investigator]. The effects of anxiety and distractibility on eyewitness memory. National Science Foundation/EPSCoR — \$1,500 — (1 January 2003-31 December 2003).

Cherney, M. [Principal Investigator]; McShane, T., & Seger, J. [Co-Investigators]. Study of relativistic heavy ion collisions. U.S. Department of Energy — \$170,000 — (1 July 2002-30 June 2003).

Douglas, A. [Principal Investigator]. Exchange evaluation and analysis of inter-American climate data: Strengthening United States-Mexican climate research. U.S. Department of Commerce — \$46,714 — (1 September 2002-31 August 2003).

Douglas, A. [Principal Investigator]. Regional scale rainfall variability in the United States and Mexico: Exploring historical connections on interannual and interdecadal time scales. U.S. Department of Commerce — \$48,709 — (1 September 2002-31 August 2003).

Douglas, A. [Principal Investigator]. Seasonal variability of rain bearing synoptic systems in northern Mexico and associated links with the North American dipole in summer rainfall. U.S. Department of Commerce — \$28,215 — (1 June 2003-31 May 2004).

Houtz, L. E. [Principal Investigator]. Preparing tomorrow's teachers to use technology. Nebraska Department of Education — \$11,815 — (2002-2003).

Ishii-Jordan, S. [Principal Investigator]. Culturally/linguistically diverse exceptional (CLDE) learners: Assessment and interventions-VII. Nebraska Department of Education — \$9,500 — (15 November 2002-14 November 2003).



ALLEN SCHLESINGER — BIOLOGY

Kosoko-Lasaki, S. [Principal Investigator]; Kissell, J., O'Brien, R., Purtilo, R., & Cook, C. Promoting cultural proficiency in researchers to enhance the recruitment and participation of minority populations in research. State of Nebraska — \$38,000 — (1 June 2003-30 June 2004).

Lambert, G. P. [Principal Investigator]; Lanspa, S. J., & Welch, R. [Co-Investigators]. Pilot study: Effect of carbohydrate concentration and composition on intestinal absorption of fluid replacement solutions. Gatorade Sport Science Institute — \$40,700 — (1 November 2002).

Mattson, B. [Principal Investigator]; & Anderson, M. Microscale gas chemistry. NASA/EPSCoR — \$1,000 — (1 March 2003-31 January 2004).

Muskin, M.-B. [Principal Investigator]. Creighton University paramount educational project. Nebraska Department of Education — \$13,208 — (1 September 2002-31 August 2003).

Olson, L. [Principal Investigator]. Professional development project to provide a summer reading clinic for at-risk elementary students in socioeconomically and linguistically diverse schools - year two. Nebraska Department of Education — \$28,027 — (1 March 2003-28 February 2004).

Quinn, T. H. [Principal Investigator], & Houtz, L. E. [Co-Principal Investigator]. Build a human project. Howard Hughes Medical Institute — \$250,000 — (1999-2003).

Ramage, J. [Principal Investigator]. Glacial geology of the Cordillera Huayhuash, Peru and NAGT career workshop. National Science Foundation/EPSCoR — \$1,500 — (1 June 2003-31 May 2004).

Ramage, J. [Principal Investigator]; Vinton, M., & Schalles, J. [Co-Investigators]. Airborne and ground-based biodiversity mapping of Hitchcock nature area, Iowa and Winnebago Native American reservation, Nebraska. NASA — \$5,000 — (1 March 2003-29 February 2004).

Ramage, J. [Principal Investigator]; Vinton, M., & Schalles, J. [Co-Investigators]. Remote sensing of Nebraska and the world: Developing earth image processing and analysis facilities at Creighton University. NASA — \$4,820 — (15 December 2002-14 December 2003).

Schalles, J. [Principal Investigator]. NASA-Nebraska space grant, year 11. NASA — \$5,000 — (3 December 2002-9 May 2003).

Soukup, J. K. [Principal Investigator]. Structural characterization of an allosteric RNA catalyst. National Science Foundation/EPSCoR — \$1500 — (1 January 2003-31 December 2004).

Soukup, J. K. [Co-Investigator]; & Turpen, J. [Program Director]. Nebraska training network in functional genomics. NIH Health Biomedical Research Infrastructure Network — \$1,900,000 — (2002-2004).

Thelen, B. [Principal Investigator]. Cardoner at Creighton. Lilly Endowment, Inc. — \$338,122 — (1 December 2002-31 December 2007).

Treonis, A. [Principal Investigator]. Investigating the impact of root feeding organisms on the symbiotic relationship between plants and soil microbes. U.S. Department of Energy/EPSCOR — \$1,500 — (1 January 2003-31 December 2003).

Treonis, A. [Principal Investigator]. Megan van Hecke: How do fungal endophytes affect the key microbes of the festuca grass rhizosphere. American Society for Microbiology — \$4,000 — (1 June 2003-31 May 2004).

Vanchena, L. [Principal Investigator]. The new Berlin 2003. Checkpoint Charlie Foundation — \$6,258 — (20 May 2003-30 April 2004).

Wright, W. [Principal Investigator]. Saints alive! Rediscovering heroes and holy ones for today. Nebraska Humanities Council — \$1,500 — (1 August 2002-31 December 2002).



ROBERT SNIPP — CHEMISTRY

COLLEGE OF BUSINESS ADMINISTRATION

Vuchetich, P.; & Raval, V. [Co-Principal Investigator]. Applied research using PKWARE products and services. PKWARE, Inc. — \$36,000 — (May 2002-September 2002).

SCHOOL OF DENTISTRY



FRED RICHARDSON — DENTISTRY

Cerutis, D. [Principal Investigator]. EDG growth factor receptors: Effects in an *in vitro* oral wound healing model. Health Future Foundation — \$20,000 — (1 July 2002-30 June 2004).

Latta, M. [Principal Investigator]. IADR meeting/Sweden. 3M Dental Products Division — \$1,500 — (7 November 2002).

Latta, M. [Principal Investigator]. Laboratory evaluation of the degree of conversion of prime and bond NT adhesive using a spectrum 800 halogen light compared to an experimental LED light. Dentsply International DeTrey/DeDent — \$1,600 — (1 April 2003).

Latta, M. [Principal Investigator]; & Barkmeier, W. [Co-Investigator]. Laboratory evaluation of the shear bond strength of composite resin to dentin and enamel using two self-etching adhesive systems. Ivoclar — \$4,800 — (22 August 2002).

Latta, M. [Principal Investigator]; DiLorenzo, S., Cavel, T., & Barkmeier, W. [Co-Investigators]. Clinical evaluation of Xeno III for class V restorations. Dentsply — \$19,500 — (15 November 2002).

Latta, M. [Principal Investigator]; DiLorenzo, S., Cavel, T., & Naughton, W. [Co-Investigators]. Clinical evaluation of an experimental low-shrink composite resin in posterior restorations. Dentsply International DeTrey/DeDent — \$17,000 — (1 May 2003).

Saini, T. [Principal Investigator]; Mattson, J., Jabro, M., & Dash, A. [Co-Investigators]. Development of a novel polyantibiotic local drug delivery system for intracrevicular medication. Health Future Foundation — \$18,840 — (1 July 2002-30 June 2004).

Welie, J. [Principal Investigator]; & Wilwerding, T. [Co-Investigator]. Impact of dental education on health disparities. NIH — \$178,125 — (1 October 2002-30 September 2003).



EMERY LA PORTE & ROBERT VINING — DENTISTRY

SCHOOL OF LAW

Mahern, C. [Principal Investigator]. Milton R. Abrahams legal clinic. Nebraska Commission on Public Advocacy — \$56,000 — (1 January 2003-31 December 2003).

SCHOOL OF MEDICINE

Agrawal, D. [Principal Investigator]. Does suplatast tosilate (IPD) involve chloride channels to inhibit the release of mediators from human blood eosinophils? TAIHO Pharmaceutical Co., Ltd. — \$54,966 — (1 April 2003).

Agrawal, D. [Principal Investigator]. Educational grant in support of guest lecturers Drs. Larry Borish, Kenneth Adler, and Reen Wa. Sepracor, Inc. — \$8,100 — (18 September 2002).

Agrawal, D. [Principal Investigator]. Effect of hybridon compounds in allergic airway inflammation in antigen-sensitized mice. Hybridon, Inc. — \$45,198 — (1 November 2002).

Agrawal, D. [Principal Investigator]. Effect of hybridon compounds in the treatment of allergic airway inflammation in an established asthma model. Hybridon, Inc. — \$57,316 — (1 April 2003-31 December 2003).

Agrawal, D. [Principal Investigator]. Effect of OCID 1001 on early and late phase response and airway hyperresponsiveness in antigen-sensitized animals and on antigen-induced delayed pulmonary eosinophilia. Orchid Chemicals & Pharmaceuticals, LTD — \$24,128 — (1 September 2002).

Agrawal, D. [Principal Investigator]. IGF-1 receptors apoptosis and plaque stability. State of Nebraska — \$90,000 — (1 September 2002-31 August 2003).

Agrawal, D. [Principal Investigator]. Investigations of S-albuterol binding site(s) in human airway smooth muscle cells. Sepracor, Inc. — \$49,941 — (1 August 2002).

Agrawal, D. [Principal Investigator]. Mechanistic: Allergen immunotherapy co-administered with anti-AGE mAb (e25). Immune Tolerance Network — (1 January 2003).

Agrawal, D. [Principal Investigator]. Monocyte ion channel smoking and vascular diseases. State of Nebraska — \$40,000 — (1 July 2002-30 June 2003).

Anderson, R. [Principal Investigator]. Assignment agreement - Christopher Ebmeier. Veterans Administration — \$50,692 — (1 October 2002-30 September 2003).

Anderson, R. [Principal Investigator]. Min Wang: Post-doctoral research scholar. Veterans Administration — \$18,087 — (13 January 2003-30 June 2003).



JOSEPH HOLTHAUS - MEDICINE

Anderson, R. [Principal Investigator]. multi-center double-blind randomized study to evaluate the safety and efficacy of lamotrigine 200mg/day, 300mg/day and 400mg/day compared with placebo in subjects with painful diabetic neuropathy. GlaxoSmithKline Company — \$7,200 — (1 November 2003).

Anderson, R. [Principal Investigator]. Sulfation of tibolone metabolites by human tissues. Organon, Inc. — \$29,450 — (1 July 2002).

Arouni, A. [Principal Investigator]; Rich, E., & Bramble, J. [Co-Investigator]. Physician gender and patient care. Health Future Foundation — \$19,385 — (1 July 2002-30 June 2004).

Barone, E. [Principal Investigator]; Bell, J., & Kavan, M. [Co-Investigators]. Predoctoral training in primary care. DHHS — \$102,338 — (1 July 2002-30 June 2003).

Bartz, J. [Principal Investigator]. Nebraska center for viral pathogenesis: Role of glial cells in prion diseases. NIH — \$211,840 — (1 September 2003-31 August 2004).

Bartz, J. [Principal Investigator]. Prion transport to secondary lymphoreticular system tissues. U.S. Department of Defense — \$59,977 — (1 June 2003-30 June 2008).

Bashir, R. [Principal Investigator]. Unrestricted educational grant. Pfizer Inc. — \$2,500 — (17 December 2002).

Bashir, R. [Principal Investigator]; Bertoni, J., & Stanek, K. [Co-Investigators]. Open-label study of the safety and efficacy of combination therapy with avonex and daily oral minocycline in the treatment of remitting relapsing multiple sclerosis. Biogen — \$30,916 — (1 June 2003).

Beisel, K. [Principal Investigator]; & Fritzsche, B. [Co-Investigator]. Molecular delineation of the cochlear hair cells. NIH — \$118,271 — (1 February 2003-31 December 2003).

Beisel, K. [Principal Investigator]; & He, Z. [Co-Investigator]. Molecular dissection of the organ of Corti. NIH — \$142,454 — (1 February 2003-30 June 2003).

Bertoni, J. [Principal Investigator]. Parkinson's disease collaborative study of genetic linkage, "Progeni." NIH — \$2,025 — (1 September 2002-31 August 2003).

Bertoni, J. [Principal Investigator]. Unrestricted educational grant. Boehringer Ingelheim Pharmaceuticals, Inc. — \$1,000 — (6 August 2002).

Bertoni, J. [Principal Investigator]. Unrestricted grant for grand rounds. Cyberonics — \$1,000 — (25 April 2003).

Bertoni, J. [Principal Investigator]; & Huerter, C. [Co-Investigator]. Survey to assess the incidence and characteristics of melanoma in Parkinson's disease patients. TEVA Pharm. Industries, Inc. — \$33,674 — (1 December 2002).

Bessen, R. [Principal Investigator]. Oral prion neuroinvasion via cranial nerves. U.S. Department of Agriculture — \$80,070 — (1 July 2002-30 June 2005).

Bessen, R. [Principal Investigator]; & Kincaid, A. [Co-Investigator]. Routes of prion neuroinvasion following oral infection. NIH — \$278,625 — (1 June 2003-31 May 2007).

Bhatia, S. [Principal Investigator]; Dickerson, D., & Wilson, D. [Co-Investigators]. Double-blind placebo-controlled evaluation of the safety and efficacy of escitalopram in pediatric depression. Forest Laboratories — \$9,136 — (2 December 2002).

Bothmer, J. [Principal Investigator]. National network of libraries of medicine. National Network of Libraries of Medicine — \$65,464 — (1 May 2003-30 April 2004).

Bradley, M. [Principal Investigator]. Michael Bradley HFF discretionary. Health Future Foundation — \$3,000 — (19 September 2002-30 June 2003).

Brauer, P. R. [Principal Investigator]. Folic acid and homocysteine: Mechanism of heart defects. NIH — \$52,170 — (1 March 2003-28 February 2004).

Brauer, P. R. [Principal Investigator]. Matrix metalloproteinases in cardiac neural crest cell migration and heart development. American Heart Association, Heartland Affiliate — \$79,945 — (1 July 2000–30 June 2003).

Brown, L. [Principal Investigator]; & Harrington, A. [Co-Investigator]. Targeted community education program (TCEP) on perinatal health for high-risk pregnant women, healthcare providers and caseworkers. March of Dimes Foundation — \$5,000 — (1 January 2003-31 December 2003).

Brown, L. [Principal Investigator]; & Harrington, A. [Co-Investigator]. Train the trainer. March of Dimes Foundation — \$4,000 — (1 January 2003-31 December 2003).

Casale, T. B. [Principal Investigator]. Development of clinical trials office. Health Future Foundation — \$325,778 — (1 July 2002-30 June 2003).

Casale, T. B. [Principal Investigator]. Educational/training grant. Novartis Pharmaceuticals Corporation — \$10,500 — (7 November 2002).

Casale, T. B. [Principal Investigator]. Evaluation of the onset of action (day-in-the-park) of a single dose of 400 mg loteprednol etabonate nasal spray in adults and adolescents with ragweed induced seasonal allergic rhinitis ("intermittent rhinitis"). Muro Pharmaceutical, Inc. — \$270,067.50 — (1 August 2002).

Casale, T. B. [Principal Investigator]. Glaxosmithkline education and training grant. GlaxoSmithKline Company — \$5,000 — (21 February 2003).

Casale, T. B. [Principal Investigator]. An open-label, multi-center study to evaluate the safety and tolerability of intramuscular administration of alefacept (LFA-3/IgG₁ fusion protein) in subjects with chronic plaque psoriasis who have completed studies C99-171 or C99-727. Biogen, Inc.

Casale, T. B. [Principal Investigator]. Phase II double blinded placebo controlled efficacy and safety evaluation of allergen immunotherapy co-administered with omalizumab, an anti-IgE monoclonal antibody. Immune Tolerance Network.



JOHN SHEEHAN — PATHOLOGY & BIOLOGY

Casale, T. B. [Principal Investigator]. A placebo-controlled, multiple dose sequential dose-escalating study to evaluate the safety and clinical activity of IDEC-152 (anti-CD23) monoclonal antibody in patients with mild persistent to severe persistent allergic asthma. IDEC Pharmaceuticals Corporation.

Casale, T. B. [Principal Investigator]. Travel support for fellows. Genentech, Inc. — \$3,000 — (1 August 2003-31 July 2004).

Casale, T. B. [Principal Investigator]; Agrawal, D., Hopp, R., Bewtra, A., & Townley, R. [Co-Investigators]. Infrastructure: Allergen immunotherapy co-administered with anti-AGE mAb (e25). Immune Tolerance Network — \$132,328 — (1 January 2003).

Casale, T. B. [Principal Investigator]; Agrawal, D., Hopp, R., Bewtra, A., & Townley, R. [Co-Investigators]. Mechanistic: Allergen immunotherapy co-administered with anti-AGE mAb (e25). Immune Tolerance Network — \$216,689 — (1 January 2003).

Casale, T. B. [Principal Investigator]; Agrawal, D., Hopp, R., Bewtra, A., & Townley, R. [Co-Investigators]. Patient care: Allergen immunotherapy co-administered with anti-AGE mAb (e25). Immune Tolerance Network — \$1,378,085 — (1 January 2003).

Casale, T. B. [Principal Investigator]; & Bewtra, A. Multi-center, double-blind, randomized study investigating the clinical effect of montelukast on allergic rhinitis in patients with seasonal allergic rhinitis and chronic asthma. Merck & Company, Inc. — \$15,643 — (1 April 2003).

Casale, T. B. [Principal Investigator]; Brownell, J., Hopp, R., Bewtra, A., & Townley, R. [Co-Investigators]. Twelve-week randomized double-blind double-dummy placebo and active-controlled study of SYMBICORT™ pMDI administered once daily in adults and adolescents with asthma-stem. AstraZeneca — \$5,250 — (15 December 2002).

Casale, T. B. [Principal Investigator]; Hopp, R., Bewtra, A., & Townley, R. [Co-Investigators]. Double-blind placebo and active-controlled parallel group study of tecastemizole administered to subjects with seasonal allergic rhinitis. Sepracor, Inc. — \$38,868 — (16 September 2002).

Cavalieri, S. J. [Principal Investigator]. NAUTICA study. Health Sciences Centre — \$2,000 — (26 March 2003).

Cavalieri, S. J. [Principal Investigator]. Protekt US respiratory isolates survey. The Clinical Microbiology Institute — \$3,630 — (15 August 2002).

Cavalieri, S. J. [Principal Investigator]. Submission of clinical bacterial isolates. Procter & Gamble Company — \$1,275 — (1 September 2002).

Cavalieri, S. J. [Principal Investigator]. TRUST 6 study. Focus Technologies — \$1,770 — (5 August 2002).

Cavalieri, S. J. [Principal Investigator]. 2002 MYSTIC study. The Jones Group — \$1,750 — (10 July 2002).

Cavalieri, S. J. [Principal Investigator]. 2002 SENTRY study. Jones Microbiology Institute — \$3,000 — (17 December 2002).

Cavalieri, S. J. [Principal Investigator]. 2003 MYSTIC study. Jones Microbiology Institute — \$1,500 — (19 December 2002).

Cavalieri, S. J. [Principal Investigator]. 2003 SENTRY study. Jones Microbiology Institute — \$3,000 — (18 December 2002).

Deng, H. [Principal Investigator]. Characterization of deleterious genomic mutations. NIH — \$176,250 — (1 August 2002-31 January 2006).

Deng, H. [Principal Investigator]. Development of a genetic research program for gene mapping for complex diseases. State of Nebraska — \$300,000 — (1 July 2002-30 June 2003).

Deng, H. [Principal Investigator]. Genetic basis of osteoporotic fractures and bone mass. NIH — \$121,230 — (1 July 2002-30 June 2003).

Deng, H. [Principal Investigator]. Pilot recruitment for genome scan for genes for osteoporotic fractures. State of Nebraska — \$90,000 — (1 September 2002-30 June 2004).

Desmangles, J. [Principal Investigator]; Lappe, J., & Recker, R. [Co-Investigators]. Effects of daily calcium and vitamin D supplementation on blood pressure in African-American adolescents. Health Future Foundation — \$19,897 — (1 July 2002-30 June 2004).

Dey, B. [Principal Investigator]. Function of SOCS-2 in IGF-IR signaling in malignant cells. State of Nebraska — \$40,000 — (1 November 2002-30 June 2004).

Dey, B. [Principal Investigator]. Function of SOCS-3 in IGF-IR signaling in malignant cells. NIH — \$71,250 — (1 July 2002-30 June 2003).

Dowd, F. [Principal Investigator]. Salivary secretion - Role of calcium. NIH — \$90,084 — (1 December 2002-30 April 2004).

Drescher, K. M. [Principal Investigator]. Antibody-mediated mechanisms of CNS viral clearance. American Cancer Society — \$658,000 — (1 July 2001-30 June 2005).

Drescher, K. M. [Principal Investigator]. Inhibiting demyelination by immunization using coxsackievirus vectors. National Multiple Sclerosis Society — \$489,000 — (1 April 2003-30 March 2006).

Drescher, K. [Principal Investigator]. Group B coxsackievirus vectors. NIH — \$10,500 — (1 October 2002-30 September 2003).

Drescher, K. [Principal Investigator]. Use of coxsackieviruses as TMEV vaccine vectors. State of Nebraska — \$88,783 — (1 September 2002-31 August 2003).

Drescher, K. [Principal Investigator]; & Lynch, H. [Co-Investigator]. Characterization of TILS in colon cancer. State of Nebraska — \$40,000 — (1 November 2002-30 June 2004).



ELSIE GOODFELLOW — ANATOMY

Enarson, C. [Principal Investigator]. HFF discretionary funds. Health Future Foundation — \$148,301 — (1 July 2002-30 June 2002).

Fitzgibbons, R. J., Jr. [Principal Investigator]. Cyclooxygenase 2 (Cox2) inhibitors for control of perioperative pain in inguinal hernia patients. Merck Pharmaceutical [Drug and placebo only requested from Merck; no other external support].

Fitzgibbons, R. J., Jr. [Principal Investigator]. Development of a registry for long-term follow-up of inguinal hernia patients managed by different treatment strategies. American College of Surgeons — \$100,952.

Fitzgibbons, R. J., Jr. [Principal Investigator]. Inguinal hernia management: Watchful waiting versus operation. Agency for Health Care Research & Quality — \$6,292,335.

Fitzgibbons, R. J., Jr. [Principal Investigator]. Tension free inguinal hernia repair: Comparison of open and laparoscopic surgical techniques. Veterans Administration — \$1,446,801 — (1 August 2002-31 July 2003).

Fitzgibbons, R. J., Jr. [Principal Investigator]. Watchful waiting versus Lichtenstein hernia management trial. NIH — \$277,921 — (30 September 2002-31 August 2003).

Fritzsich, B. [Principal Investigator]. Cellular interaction during ear development. NIH — \$331,056 — (1 July 2002-30 June 2007).

Fritzsich, B. [Principal Investigator]. Effects of FGF-10 on the expression of GATA3 BDNF and BMP4: An *in situ* study on a null mutation with major effects on ear morphogenesis and histogenesis. National Organization for Hearing Research — \$10,000 — (17 January 2003-16 January 2004).

Fritzsich, B. [Principal Investigator]. Neurobiology of vestibular development in mutant mice. NASA — \$276,430 — (1 November 2002-31 October 2003).

Gallagher, J. [Principal Investigator]. Douglas County community outreach project (COP). Douglas County Health Department — \$50,000 — (1 November 2002-31 October 2003).

Gallagher, J. [Principal Investigator]. Procter & Gamble educational grant. Procter & Gamble Company — \$2,000 — (7 January 2003).

Gallagher, J. [Principal Investigator]. Recruitment of outstanding research faculty. State of Nebraska — \$340,671 — (1 July 2002-30 June 2003).

Galt, K. [Principal Investigator]; Barr, C., Young, W., Frey, D., Markert, R., Bramble, J., Rich, E., & Houghton, B. [Co-Investigators]. Impact of personal digital assistant devices on medication errors in primary care. DHHS — \$335,732 — (1 October 2002-30 September 2003).

Gentry-Nielsen, M. [Principal Investigator]. Discretionary: Women in science and medicine program. Health Future Foundation — \$5,100 — (1 May 2003-30 June 2004).

Gentry-Nielsen, M. [Principal Investigator]. Smoking and ethanol-induced defects in pneumonia defense. NIH — \$119,400 — (1 December 2002-30 November 2003).

Goering, R. [Principal Investigator]. BRIN genomics core: Nebraska training network (NETNET). NIH — \$5,700 — (1 September 2002-30 August 2003).

Goering, R. [Principal Investigator]. Effect of hospital formulary conversion from levofloxacin to gatifloxacin on the near term institutional prevalence of oxacillin-resistant *staphylococcus aureus* (MRSA/ORSA). Bristol-Myers Squibb — \$2,000 — (20 November 2002).

Goering, R. [Principal Investigator]. Goering drug pool. Bacterial Barcodes, Inc. — \$3,680 — (29 April 2003).

Goering, R. [Principal Investigator]. Goering drug pool. George Washington University — \$880 — (15 January 2003).

Gong, G. [Principal Investigator]. The age of bone mineral density-affecting genes. Health Future Foundation — \$20,000 — (1 July 2002-30 June 2004).

Gong, G. [Principal Investigator]; & Haynatzki, G. [Co-Investigator]. Genes affecting bone mineral density in Africans. State of Nebraska — \$133,675 — (1 September 2002-30 June 2004).

Gorby, G. [Principal Investigator]. Sarah Lund: Veterans Administration assignment agreement. Veterans Administration — \$6,448 — (1 July 2002-30 June 2003).

Gorby, G. [Principal Investigator]. Nebraska center for bioterrorism education. DHHS — \$22,659 — (20 December 2002-19 December 2003).

Hallworth, R. [Principal Investigator]. Development of an optical stretcher facility. State of Nebraska — \$13,950 — (1 September 2002-31 August 2003).

Hallworth, R. [Principal Investigator]. Mechanism of outer hair cell motility. NIH — \$200,805 — (1 December 2002-30 November 2003).

Hansen, L. [Principal Investigator]. Cell cycling and death in erbB2 null skin tumor cells. State of Nebraska — \$88,650 — (1 September 2002-31 August 2003).

Hansen, L. [Principal Investigator]. EGFR and P53 in UV-induced skin carcinogenesis. State of Nebraska — \$40,000 — (1 November 2002-30 June 2004).

Hansen, L. [Principal Investigator]. The role of EGFR in UV-induced skin carcinogenesis. NIH — \$107,840 — (1 January 2003-31 December 2003).

Hansen, L. [Principal Investigator]. Taghrid Bahig El-abaseri research funds. Egyptian Cultural & Educational Bureau — \$10,000.

Hanson, N. [Principal Investigator]. Identification of the involvement of plasmid-encoded AmpC β -lactamases in the resistance phenotype of salmonella species from Alberta, Canada. Calgary Laboratory



FRED PETTID — FAMILY MEDICINE

Services — \$2,000 — (3 January 2003-2 January 2004).

Hanson, N. [Principal Investigator]. Investigation into expression of ten efflux pumps in *streptococcus pneumoniae* and evaluation of strains exhibiting phenotypic evidence of efflux of levofloxacin. Bayer Corporation — \$44,058.66 — (30 July 2002).

He, D. Z. Z. [Principal Investigator]. Biophysics and development of cochlear outer hair cells. NIH-NIDCD — \$926,250 — (1 December 2000-30 November 2005).

He, D. Z. Z. [Principal Investigator]. Mechanoelectrical transduction in adult outer hair cells. NIH-NIDCD — \$285,000 — (1 April 2003-31 March 2005).

Heaney, R. P. [Principal Investigator]. Bony effects of transient nonskeletal illness. NIH — \$121,800 — (15 August 2001-31 July 2002, with a no-cost extension granted to 31 July 2003).

Heaney, R. P. [Principal Investigator]. Ethnic and environmental influences on vitamin D requirement in military personnel. U.S. Department of Defense — \$209,500 — (1 July 2002-30 June 2003).

Heaney, R. P. [Principal Investigator]. Longitudinal study of a pre-osteoporosis population. HFF — \$99,171 — (1 July 2002-30 June 2003, with a no-cost extension granted to 30 June 2004).

Heaney, R. P. [Principal Investigator]. Metabolic studies (component I of smoking study). State of Nebraska — \$87,566 — (1 July 2002-30 June 2003).

Heaney, R. P. [Principal Investigator]. Newsletter support. Springer-Verlag — \$4,179 — (1 December 2002-30 November 2003).

Heaney, R. P. [Principal Investigator]. Osteoporosis support group. Tytex, Inc — \$1,000 — (1 May 2003).

Holmberg, J. [Principal Investigator]; Abiose, A., Khan, I., Arouni, A., Esterbrooks, D., Hunter, C., Mohiuddin, S., & Reyes, A. [Co-Investigators]. Phase IV open-label, randomized, multi-center exercise stress trial to examine the effectiveness of definity and evaluate the predictive value of contrast stress echocardiography in patient outcomes. Bristol-Myers Squibb — \$1,500 — (15 October 2002).

Hopp, R. [Principal Investigator]; Casale, T., & Huerter, C. [Co-Investigators]. Randomized, multi-center, parallel-group, double-blind, vehicle-controlled study to evaluate the time of pruritus improvement during the first week of pimecrolimus cream 1% treatment in patients greater than two years old with mild to moderate atopic dermatitis. Novartis Pharmaceuticals Corporation — \$1,372.32 — (15 January 2003).

Hopp, R. [Principal Investigator]; & Wilson, M. [Co-Investigator]. Twelve-week, randomized, double-blind, double-dummy, active-controlled study of symbicort pMDI administered once daily in children and adolescents six to fifteen years of age with asthma - sprout. AstraZeneca — \$4,850 — (15 December 2002).

Huerter, C. [Principal Investigator]. Randomized, double-blind, placebo-controlled, parallel group study to assess the safety and efficacy of rosiglitazone maleate in the treatment of chronic plaque psoriasis. GlaxoSmithKline Company — \$14,568 — (20 November 2002).

Huerter, C. [Principal Investigator]; Romero, F., Casale, T., & Fusaro, R. [Co-Investigators]. Multi-center, randomized, double-blind, double-dummy, parallel group study to assess the efficacy safety and tolerability of new oral formulation terbinafine in patients with onychomycosis of the toenails. Novartis Pharmaceuticals Corporation — \$18,406 — (1 October 2002).

Hurley, J. [Principal Investigator]. Rheumatoid arthritis DMARD intervention and utilization study (radius1). Immunex Corporation — \$200 — (1 August 2002).

Hurley, J. [Principal Investigator]. Rheumatoid arthritis DMARD intervention and utilization study (radius 2). Immunex Corporation — \$5,400 — (1 September 2002).

Jacobs, D. [Principal Investigator]. Development of surgical laboratories for biomedical investigation at Creighton University. Health Future Foundation — \$271,578 — (1 July 2002-30 June 2003).

Jacobs, D. [Principal Investigator]. Robotics and surgery. Health Future Foundation — \$230,000 — (1 July 2002-30 June 2003).

Jung, L. [Principal Investigator]. Clinical protocol for a randomized, double-blind, multi-center, active controlled, parallel group study to evaluate the efficacy and safety of celecoxib suspension compared to naproxen suspension in patients with JRA. Pharmacia, Inc. — \$27,900 — (1 September 2002).

Jung, L. [Principal Investigator]. Randomized, double-blind, placebo-controlled, multi-center study to assess the safety and efficacy of pletal (cilostazol) for the treatment of juvenile secondary Raynaud's phenomenon. Otsuka America Pharmaceutical, Inc. — \$5,706 — (1 July 2002).

Kahn, N. B. [Project Director]; Rich, E. C. [Project Co-Director], & Wilson, M. Genetics in primary care (GPC): A faculty development initiative. Maternal & Child Health Bureau; Bureau of Health Professions (HRSA); National Human Genome Research Institute; NIH; & Agency for Health Care Policy & Research — (October 2001- September 2003).

Kenik, J. [Principal Investigator]. Rheumatoid arthritis DMARD intervention and utilization study (radius 2). Immunex Corporation — \$3,840 — (1 September 2002).

Kenik, J. [Principal Investigator]; & Hurley, J. [Co-Investigator]. Educational grant. Pharmacia, Inc. — \$12,000 — (1 July 2002).

Kern S. [Principal Investigator]; & Watson, P. [Principal Investigator for Creighton subcontract]. Susceptibility prediction in familial colon cancer. NIH — \$26,754.

Kincaid, A. E. [Co-investigator], & Bessen, R. A. [Principal Investigator]. Routes of prion neuroinvasion following oral infection. NIH/NIAID — \$1,100,000 — (1 May 2003-30 April 2007).

Knight, R. [Principal Investigator]. CUBE center biomedical research fund. State of Nebraska — \$350,000 — (23 September 2002-30 June 2003).



EDWARD GRINNELL — PHARMACOLOGY &
RICHARD WEBBER — ANATOMY

Knight, R. [Principal Investigator]. Discretionary: CUBE research center. Health Future Foundation — \$32,000 — (1 July 2002-30 June 2003).

Knight, R. [Principal Investigator]. Mechanistic basis for improving fracture healing in alcoholics. Veterans Administration — \$78,752 — (1 October 2002-30 June 2003).

Kosoko-Lasaki, S. [Principal Investigator]. Centers of excellence (The Creighton University center of excellence). HRSA — \$2.1 million — (January 2003-2006).

Kosoko-Lasaki, S. [Principal Investigator]. Community glaucoma activities. Allergan — \$750 — (1 April 2003-31 March 2004).

Kosoko-Lasaki, S. [Principal Investigator]. Community glaucoma activities. Pharmacia, Inc. — \$750 — (1 March 2003-30 June 2003).

Kosoko-Lasaki, S. [Principal Investigator]. Health career opportunities program (Pipeline to success at Creighton University). HRSA — \$1.4 million — (2003-2006).

Kosoko-Laski, S. [Principal Investigator]. Preventing glaucoma blindness in Nebraska: A Creighton University initiative. Friends of the Congressional Glaucoma Caucus Foundation — \$40,000 — (2002-2005).

Kosoko-Lasaki, S. [Principal Investigator]. Short term training for minority students program. NIH — \$39,645 — (1 April 2003-31 March 2004).

Kosoko-Lasaki, S. [Principal Investigator]; Kissell, J., O'Brien, R., Purtilo, R., & Cook, C. Promoting cultural proficiency in researchers to enhance the recruitment and participation of minority populations in research. State of Nebraska — \$38,000 — (1 June 2003-30 June 2004).

Kosoko-Lasaki, S. [Principal Investigator]; & Wilson, M. [Co-Investigator]. Student sight savers project: Preventing glaucoma blindness in Nebraska. Friends of the Congressional Glaucoma Caucus Foundation — \$13,800 — (1 July 2002-30 June 2004).

Lambert, G. P. [Principal Investigator]; Lanspa, S. J., & Welch, R. [Co-Investigators]. Pilot study: Effect of carbohydrate concentration and composition on intestinal absorption of fluid replacement solutions. Gatorade Sport Science Institute — \$40,700 — (1 November 2002-7 January 2004).

Lappe, J. [Principal Investigator]; & Cullen, D. [Co-Investigators]. Exercise and calcium effect on pubertal bone gain. NIH — \$224,438 — (1 April 2003-31 March 2004).

Lappe, J. [Principal Investigator]; & Haynatzki, G. [Co-Investigator]. Calcium and vitamin D malnutrition in elderly women. NIH — \$497,755 — (1 July 2002-30 June 2003).

Lappe, J. [Principal Investigator]; & Hopp, R. [Co-Investigator]. Calcium foods and bone health of adolescent girls. NIH — \$178,125 — (1 December 2002-30 November 2003).

Li, H. [Principal Investigator]; Stanek, K., & Hee, T. [Co-Investigators]. Painfree Rx II (does pacing fast VT reduce shock Rx). Medtronic, Inc — \$1,200 — (1 February 2003).

Lister, P. [Principal Investigator]. Comparison of piperacillin-tazobactam and piperacillin-In1255 in the protection of mice from lethal bacteremia with a tem-1-producing *E. coli* and an *E. coli* producing a plasmid-encoded AmpC. AlamX L.L.C. — \$12,770 — (1 July 2002).

Lister, P. [Principal Investigator]. Pharmacodynamics of levofloxacin-imipenem combination against pseudomonas aeruginosa in an *in vitro* pharmacokinetic model: Possible prevention of the selection of efflux-mediated mutants during therapy. Ortho-McNeil — \$17,670 — (1 January 2003).

Lister, P. [Principal Investigator]. Selection of efflux-mediated resistance among pseudomonas aeruginosa by ciprofloxacin and levofloxacin: Impact on carbapenem resistance. Merck & Company, Inc. — \$19,410 — (15 November 2002).

Lister, P. D., & Thomson, K. S. [Investigators]. *In vitro* mutational and post-antibiotic effect studies with new investigational compound against gram-positive and gram-negative bacteria: Comparisons with levofloxacin, gatifloxacin, moxifloxacin, sitafloxacin, ciprofloxacin, and T-3811. Daiichi — \$66,576 — (15 August 2001-15 August 2002).

Lister, P. [Principal Investigator]; Thomson, K., & Hanson, N. Antimicrobial agents and chemotherapy training course. Various agencies — \$5,700 — (1 April 2003).

Loggie, B. W. [Principal Investigator]. Relationship between transcriptional modulator (E6-AP), tumor suppressor (P58) and mucin expression in breast and colon cancer. State of Nebraska — \$100,000 — (1 October 2002-30 June 2003).

Loggie, B. W. [Principal Investigator]; & Nawaz, Z. [Co-Investigator]. Cancer biology. State of Nebraska — \$200,000 — (1 July 2002-30 June 2003).

Lovas, S. [Principal Investigator]. BRIN: Bioinformatics core. NIH — \$20,487 — (1 September 2002-30 August 2003).

Lovas, S. [Principal Investigator]. BRIN: Proteomics core. NIH — \$197,360 — (1 September 2002-30 August 2003).

Lovas, S. [Principal Investigator]. Informatics center for the life sciences. NSF/EPSCoR — \$109,779.

Lynch, H. [Principal Investigator]. Cigarette smoking in the phenotypic variability of HNPCC: Modulation of β -catenin signaling. American College of Gastroenterology — \$20,000 — (1 July 2002-30 June 2003).

Lynch, H. [Principal Investigator]. Modulation of putative surrogate endpoint biomarkers. NIH — \$104,759 — (30 September 2002-29 September 2003).

Lynch, H. [Principal Investigator]. Pancreatic cancer genetic epidemiology (PACGENE) consortium. NIH — \$79,532 — (1 July 2002-30 June 2003).

Lynch, H. [Principal Investigator]. Prophylactic surgery in carriers of BRCA1/BRCA2 mutations. NIH — \$43,663 — (1 September 2002-31 August 2003).



JULIAN BAUMEL — ANATOMY

Lynch, H. [Principal Investigator]. Spore in gastrointestinal cancer. NIH — \$7,762 — (1 February 2003-31 January 2004).

Lynch, H. [Principal Investigator]; Knezetic, J., & Watson, P. [Co-Investigators]. EDRN - the hereditary cancer clinical center. NIH — \$552,524 — (1 March 2003-29 February 2004).

Lynch, H. [Principal Investigator]; Knezetic, J., & Watson, P. [Co-Investigators]. Phenotypic and psychosocial study of the I1307K mutation. NIH — \$449,522 — (1 February 2003-31 January 2004).

Lynch, H. [Principal Investigator]; & Watson, P. [Co-Investigator]. Chemoprevention for women at high risk of breast cancer. NIH — \$62,119 — (1 January 2003-30 June 2003).

Lynch, H. [Principal Investigator]; & Watson, P. [Co-Investigator]. Ovarian cancer screening pilot trial in high-risk women. NIH — \$72,068 — (1 March 2003-29 February 2004).

Lynch, H. [Principal Investigator]; & Watson, P. [Co-Investigator]. CIG-hereditary cancer program. State of Nebraska — \$271,411 — (1 July 2002-30 June 2003).

Mackin, R. B. [Principal Investigator]. Specificity of proglucagon processing. State of Nebraska — \$40,000 — (1 July 2002-30 June 2003).

Madison, J. [Principal Investigator]; & Jacobs, D. [Co-Investigator]. Psychosocial factors in NIDDM, depression, and obesity. Health Future Foundation — \$19,847 — (1 July 2002-30 June 2004).

Mohiuddin, S. [Principal Investigator]; Hilleman, D., & Esterbrooks, D. [Co-Investigators]. Cardiovascular risk factor screening and intervention in African-American adults. State of Nebraska — \$151,356 — (1 July 2002-30 June 2003).

Mohiuddin, S. [Principal Investigator]; Hilleman, D., Williams, M., & Esterbrooks, D. [Co-Investigators]. Creighton heart education center (CHEC). NIH — \$155,686 — (30 September 2002-29 September 2005).

Mohiuddin, S. [Principal Investigator]; Williams, M., Hilleman, D., Del Core, M., & Mooss, A. Intensive multi-comp cessation/relapse prevention intervention in high risk smokers. Health Future Foundation — \$100,000 — (1 July 2002-30 June 2003).

Moland, E. S., & Thomson, K. S. [Investigators]. TREK clinical trial. TREK Diagnostics — \$12,000 — (1 June 2002-1 December 2002).

Moland, E. S., & Thomson, K. S. [Investigators]. Validation of TREK confirmatory tests for ESBLs in *Klebsiella pneumoniae*, *Klebsiella oxytoca*, and *E. coli*. TREK Diagnostics — \$13,760 — (6 February 2002-6 September 2002).

Mooss, A. [Principal Investigator]; Grigsby, W., Mohiuddin, S., Hunter, C., Arouni, A., & Reyes, A. [Co-Investigators]. Prospective open-label randomized parallel-group investigation to evaluate the efficacy and safety of enoxaparin versus unfractionated heparin in subjects who present to the emergency department with acute coronary syndrome. Aventis Pharmaceuticals — \$6,900 — (1 January 2003).

Murphy, R. F. [Principal Investigator]. BRIN: Project direction. NIH — \$5,781 — (1 September 2002-30 August 2003).

Murphy, R. F. [Principal Investigator]. BRIN: Training/mentoring program. NIH — \$175,311 — (1 September 2002-30 August 2003).

Murphy, R. F. [Principal Investigator]; & Lovas, S. [Co-Investigator]. BRIN: Supplement application. NIH — \$80,085 — (1 October 2002-30 September 2003).

Murphy, R. F. [Principal Investigator]; & Lovas, S. [Co-Investigator]. Informatics center for the life sciences. National Science Foundation/EPSCoR — \$109,779 — (1 February 2003-31 January 2004).

Nairn, R. [Principal Investigator]. Animal facility manager. State of Nebraska — \$96,450 — (1 September 2002-30 June 2003).

Nairn, R. [Principal Investigator]. CIG-administration and planning. State of Nebraska — \$139,945 — (1 July 2002-30 June 2003).

Nairn, R. [Principal Investigator]. Genetic analyzer equipment. Health Future Foundation — \$98,722 — (1 December 2002-30 November 2003).

Nawaz, Z. [Principal Investigator]. Nuclear hormone action-role of ubiquitin pathways. NIH — \$219,658 — (1 February 2003-31 January 2005).

Nawaz, Z. [Principal Investigator]. Role of E6-AP in the development of lung cancer. State of Nebraska — \$40,000 — (1 November 2002-30 June 2004).

Nawaz, Z. [Principal Investigator]. Role of E6-AP in the development of prostate cancer. NIH — \$213,750 — (1 September 2002-31 August 2003).

Nystrom, E. [Principal Investigator]; Kochanowicz, S., Youngblood, F., Romero, F., Fitzgibbons, R., Van Blerk, B., McGonigal, E., Manion, J., Landmark, S., Babcock, N., & McQuillian, R. [Co-Investigators]. Clinical protocol for a multiple dose randomized double-blind placebo controlled study of the analgesic efficacy and safety of valdecoxib compared to placebo in patients for treatment of post-surgical pain from laparoscopic cholecystectomy surgery. Pharmacia, Inc. — \$7,968 — (15 December 2002).

Pedersen, W. [Principal Investigator]. Hypothalamic-petuitary-adrenal axis dysfunction as a therapeutic target for the treatment of Alzheimer's disease. Alzheimer's Association — \$39,861 — (1 August 2002-30 June 2004).

Pedersen, W. [Principal Investigator]. Resources for laboratory start-up. State of Nebraska — \$60,000 — (1 September 2002-31 August 2003).

Petersen G. [Principal Investigator]; & Lynch, H. T. [Principal Investigator for Creighton subcontract]. Pancreatic cancer genetic epidemiology consortium. NIH — \$79,532.

Petty, F. [Principal Investigator]. Unrestricted grant for imaging data reanalysis. Eli Lilly & Company — \$7,500 — (7 January 2003).



THEODORE PFUNDT & MAURICE GRIER —
PEDIATRICS

Petty, F. [Principal Investigator]; Dickerson, D., Price, P., Marcil, W., Chu, C., Bhatia, S., & Wilson, D. [Co-Investigators]. Double-blind, randomized, multi-center, parallel-dose study to evaluate the efficacy and safety of zonisamide 300mg and 600mg/day and placebo in subjects with bipolar I disorder currently experiencing a recurrent manic or mixed episode. Elan Pharmaceuticals, Inc. — \$7,387 — (15 July 2002).

Petty, F. [Primary Investigator]; Happe, H. K., & Kohen, R. [Co-Investigators]. Learned helplessness model of stress. Omaha VA Medical Center — \$748,000 — (1 October 2002-30 September 2007).

Petty, F. [Primary Investigator]; Marcil, W. A., Bhatia, S. C., Fernandes, P. P., Punia, S., North, T., & Heaney, C. [Co-Investigators]. Zoloft (sertraline) therapy for posttraumatic stress disorder (PTSD). Pfizer Inc. — \$104,000 — (October 2001–October 2004).

Petty, F. [Primary Investigator]; Marcil, W., & Fernandes, P. [Co-Investigators]. A twenty-one-day, double-blind, placebo-controlled, parallel-group, evaluation of the efficacy and safety of Depakote ER in the treatment of the manic phase of bipolar disorder. Abbott Laboratories — (April 2003-April 2004).

Petty, F. [Primary Investigator]; Wilson, D. R., Marcil, W. A., Fernandes, P. P., Khan, S. S., & Muhammad, J. [Co-Investigators]. Geodon therapy for PTSD. Pfizer Inc. — \$341,250 — (November 2001–November 2004).

Petty, F. [Primary Investigator]; Wilson, D. R., Marcil, W. A., Fernandes, P. P., Khan, S. S., Muhammad, J., Ramaswamy, S., & Padala, P. [Co-Investigators]. A randomized, double-blind, placebo-controlled, parallel group study to determine the efficacy and safety of topiramate in the treatment of posttraumatic stress disorder in civilians. Ortho-McNeil Pharmaceutical — \$130,400 — (November 2001–March 2004).

Petty, F. [Primary Investigator]; Wilson, D. R., Marcil, W. A., Fernandes, P. P., Khan, S. S., Muhammad, J., Ramaswamy, S., & Padala, P. [Co-Investigators]. Risperidone for women with posttraumatic stress syndrome due to domestic violence or rape. Janssen Pharmaceutica — \$70,000 — (June 2001-June 2004).

Petzel, D. [Principal Investigator], & Brauer, P. R. [Co-Investigator]. Malpighian tubule Na/H exchanger during development. NIH-NIDK — \$300,000 — (1 September 2001–31 August 2004).

Petzel, D. [Principal Investigator]; Knezetic, J., & Brauer, P. [Co-Investigators]. Malpighian tubule Na/H exchange during development. NIH — \$142,500 — (1 September 2002-31 August 2003).

Pinkerton, L. [Principal Investigator]. Improving communication of medical information with Spanish speaking residents. State of Nebraska — \$25,644 — (1 October 2002-30 September 2003).

Preheim, L. [Principal Investigator]. Educational support for infectious diseases. Boehringer Ingelheim Pharmaceuticals, Inc. — \$1,950 — (7 May 2003).

Preheim, L. [Principal Investigator]. Educational support for infectious diseases. Fujisawa Healthcare, Inc. — \$1,500 — (11 March 2003).

Preheim, L. [Principal Investigator]. Educational support for infectious disease. Fusion M.D. — \$1,500 — (15 April 2003-31 March 2004).

Preheim, L. [Principal Investigator]. Educational support for infectious diseases. Optioncare — \$750 — (28 May 2003).

Preheim, L. [Principal Investigator]. Educational support for infectious diseases. Visiting Nurse Association of the Midlands — \$250 — (28 May 2003-27 May 2004).

Purtilo, R. [Principal Investigator]. Health Policy & Ethics Center. Health Future Foundation — \$323,392 — (1 July 2002-30 June 2003).

Quinn, T. H. [Principal Investigator], & Houtz, L. E. [Co-Principal Investigator]. Build a human project. Howard Hughes Medical Institute — \$250,000 — (1999-2003).

Recker, R. [Principal Investigator]. Long-term effects of raloxifene treatment on bone quality: A cross-sectional study of postmenopausal women with osteoporosis previously enrolled in continuing outcomes relevant to evista study. Eli Lilly & Company — \$1,623 — (1 March 2003).

Recker, R. [Principal Investigator]. Osteoporosis educational pool. Procter & Gamble Company — \$1,200 — (1 April 2003).

Recker, R. [Principal Investigator]. Pfizer A218-1003 and A218-1004. Pfizer Inc. — \$300 — (15 July 2002).

Recker, R. [Principal Investigator]; Haynatzki, G., Deng, H., Cullen, D., Akhter, M., Yee, J., & Heaney, R. [Co-Investigators]. CIG-bone biology tobacco program. State of Nebraska — \$379,312 — (1 July 2002-30 June 2003).

Reidelberger, R. D. [Principal Investigator]. Research supplements for underrepresented minorities to support the research of high school students. NIH-NIDDK — \$43,036 — (1 July 2002-31 August 2003).

Reidelberger, R. D. [Principal Investigator]. Research supplements for underrepresented minorities to support the research of undergraduate student. NIH-NIDDK — \$15,355 — (1 June 2002-31 May 2004).

Reidelberger, R. D. [Principal Investigator], & Smith, D. D. [Co-Investigator]. Amylin secretion and its neuroendocrine action to inhibit food intake. U.S. Department of Veterans Affairs — \$644,200 — (1 October 2001-30 September 2006).

Reidelberger, R. D. [Principal Investigator], & Smith, D. D. [Co-Investigator]. Regulation of food intake and body weight by amylin. NIH-NIDDK — \$895,500 — (1 September 2001-31 August 2006).

Rendell, M. S. Double-blind comparison of memantine and placebo in the treatment of chronic pain in patients with diabetic neuropathy - MEM-MD-06A and open-label extension of memantine treatment in patients with painful diabetic neuropathy - MEM-MD-06B. Forest Laboratories, Inc. — \$161,000 — (2002-2003).

Rendell, M. S. A multinational randomized, double-blind, placebo-controlled, force-titration, 2 X 2 factorial design study of the efficacy and safety of long-term administration of nateglinide and



RICHARD ANDREWS —
PHYSIOLOGY

valsartan in the prevention of diabetes and cardiovascular outcomes in subjects with impaired glucose tolerance (IGT). Novartis — \$246,624 — (2001-2009).

Rendell, M. S. Open-label, randomized, multi-center phase IIIb, parallel group switching study to compare the efficacy and safety of lipid lowering agents atorvastatin and simvastatin with rosuvastatin in high risk subjects with type IIA and IIB hypercholesterolemia. AstraZeneca — \$31,000 — (2001-2003).

Rendell, M. S. Pregabalin open-label trial in chronic pain patients meeting treatment-refractory patients. Pfizer — \$19,800 — (2001-2003).

Rendell, M. S. A randomized, double-blind, placebo-controlled, dose finding study of V20001 in type 2 diabetic patients. Kissei Pharma USA, Inc — \$117,720 — (2002-2003).

Rendell, M. S. Safety and efficacy of propionyl l-carnitine in peripheral arterial disease (intermittent claudication) as assessed by a fixed treadmill protocol in a diabetic population. Sigma-Tau Research, Inc. — \$51,600 — (2002-2004).

Rendell, M. S. Twelve-week, multinational, multi-center, controlled, open 1:1:1 randomized, parallel clinical trial to assess noninferiority between pre- and post-meal administration of HMR 1964 and pre-meal regular human insulin in subjects with type I diabetes mellitus receiving insulin glargine as the basal insulin therapy. Aventis Pharmaceuticals — \$34,550 — (2002-2003).

Rendell, M. S. Twenty-six-week, multinational, multi-center, controlled, open 1:1 randomized, parallel clinical trial comparing HMR 1964 with regular human insulin injected subcutaneously in subjects with type 2 diabetes mellitus also using NPH insulin, and which will lead into a comparative 26-week safety extension study. Aventis Pharmaceuticals — \$40,860 — (2002-2003).

Rendell, M. S. Twenty-six-week, multinational, multi-center, open, clinical extension trial to assess one year safety of HMR1964 compared with regular human insulin injected subcutaneously in subjects with type 2 diabetes mellitus also using NPH insulin, and previously participating in study. Aventis Pharmaceuticals — \$14,140 — (2002).

Rendell, M. S. [Principal Investigator]. Clinical utility of amlodipine/atorvastatin to improve concomitant cardiovascular risk factors of hypertension and dyslipidemia. Pfizer Inc. — \$23,755 — (27 September 2002).

Rendell, M. S. [Principal Investigator]. Clopidogrel for high atherothrombotic risk and ischemic stabilization management and avoidance. Bristol-Myers Squibb — \$11,782 — (1 November 2002).

Rendell, M. S. [Principal Investigator]. Double-blind comparison of the efficacy and safety of lercanidipine versus hydrochlorothiazide as add-on therapy to ramipril 10 mg qd in diabetic hypertensive patients with macroalbuminuria. Forest Laboratories — \$3,300 — (1 April 2003).

Rendell, M. S. [Principal Investigator]. Fifteen-week, randomized, double-blind, placebo-controlled, parallel-group, multi-center study of neurontin (gabapentin) for efficacy and quality of life in patients with painful diabetic peripheral neuropathy. Pfizer Inc. — \$27,917 — (1 November 2002).

Rendell, M. S. [Principal Investigator]. Ly333531 treatment of peripheral neuropathy in patients with diabetes: A phase III pivotal clinical trial. Eli Lilly and Company — \$3,600 — (1 April 2003).

Rendell, M. S. [Principal Investigator]. Phase II long-term open-label safety study of tak-677 0.3 mg bid in type 2 diabetic subjects. Takeda America, Inc. — \$1,800 — (1 November 2002).

Rendell, M. S. [Principal Investigator]. Randomized, double-blind, comparator-controlled study of pioglitazone HCl versus glyburide in the treatment of subjects with type 2 (non-insulin dependent) diabetes mellitus and mild to moderate congestive heart failure. Takeda America, Inc. — \$6,000 — (20 September 2002).

Rendell, M. S. [Principal Investigator]. Twelve-week, multi-center, double-blind, randomized, parallel-group, dose-ranging study to assess the efficacy safety and tolerability of laf237 25mg bid, 25, 50, or 100 mg od compared to placebo in patients with type 2 diabetes. Novartis Pharmaceuticals Corporation — \$1,065 — (1 December 2002).

Rendell, M. S. [Principal Investigator]; & Johnson, M. [Co-Investigator]. Gene transcriptional mapping of cutaneous wound healing using rat genome microarray filters. Health Future Foundation — \$19,680 — (1 July 2002-30 June 2004).

Reyes, P. [Principal Investigator]. Development of the center for aging/Alzheimer's disease and neurodegenerative disorders. Health Future Foundation — \$234,042 — (1 July 2002-30 June 2003).

Reyes, P. [Principal Investigator]. Randomized, double-blind, placebo-controlled, multi-center study of the effects of ono-2506 intravenous infusion on the amelioration of neurological damage and improvement of stroke assessment scale scores in patients with acute ischemic stroke. Ono Pharma USA, Inc. — \$30,775 — (24 September 2002).

Reyes, P. [Principal Investigator]. Recruitment of outstanding research faculty. State of Nebraska — \$166,000 — (1 July 2002-30 June 2003).

Reyes, P. [Principal Investigator]. Twelve-week prospective double-blind placebo-controlled multi-center study evaluating the efficacy and safety of exelon 3 - 6 mg/day in patients with traumatic brain injury (TBI) with persistent cognitive deficits. Novartis Pharmaceuticals Corporation — \$15,846 — (2 October 2003).

Reyes, P. [Principal Investigator]. Unrestricted educational grant. Janssen Pharmaceutica, Inc. — \$1,500 — (1 December 2002-30 November 2003).

Rich, E. C. Establishing a research center of excellence in clinical cardiovascular disease. Health Future Foundation — \$1,613,166 — (1 July 1999-30 June 2004).

Rich, E. C. [Principal Investigator]. Development of an interdisciplinary generalist in primary care. DHHS — \$14,782.50 — (1 October 2002-28 September 2003).

Romero, J. [Principal Investigator]. Multi-center randomized comparative study to evaluate the efficacy and safety of levofloxacin in the treatment of children who have recurrent and/or persistent acute otitis media. Johnson & Johnson — \$750 — (15 November 2002).



TOM HEE — CARDIOLOGY

Romero, J. [Principal Investigator]. Pre-booster concentration of anti-PrP antibodies in serum samples obtained from toddlers (twelve to eighteen months of age) who have completed the primary series of vaccination with licensed Hib-containing vaccines. Aventis Pharmaceuticals — \$8,875 — (24 March 2003).

Romero, J. [Principal Investigator]. Synagis (palivizumab) outcomes registry. MedImmune, Inc. — \$5,105 — (1 November 2002).

Romero, J. [Principal Investigator]; & Chatterjee, A. [Co-Investigator]. Phase III observer-blinded, randomized, multi-center clinical study of the safety immunogenicity and consistency of three manufacturing lots of GlaxoSmithKline biologicals DTPa candidate vaccine as compared to U.S.-licensed TD vaccine when given as a booster. GlaxoSmithKline Company — \$88,463 — (1 November 2002).

Romero, J. [Principal Investigator]; Hudson, C., Yagmour, A., & Chatterjee, A. [Co-Investigators]. Comparison of safety and efficacy of cefdinir oral suspension versus amoxicillin/clavulanate in pediatric subjects with acute otitis media. Abbott Laboratories — \$3,500 — (15 March 2003).

Rosenquist, T. H. [Principal Investigator], & Brauer, P. R. [Co-Investigator]. Homocysteine and congenital heart defects. NIH-HLBI — \$1,000,000 — (1 March 2000–28 February 2004).

Roy, H. [Principal Investigator]; & Lynch, H. T. [Principal Investigator for Creighton subcontract]. Cigarette smoking in the phenotypic variability of HNPCC: Modulation of β -catenin signaling. American College of Gastroenterology — \$20,000.

Saxena, S. [Principal Investigator]; Daher, P., Levy, J., & Elsasser, G. [Co-Investigators]. Randomized, double-blind, multi-center, positive controlled, parallel group study to evaluate the safety and efficacy of lotrel (amlodipine/benazepril) compared to zestoretic (lisinopril/hydrochlorothiazide) in hypertensive patients (high dose combinations). Novartis Pharmaceuticals Corporation — \$1,029 — (1 September 2002).

Silberstein, P. [Principal Investigator]. Xyotax (ct-2103) versus docetaxel for the second-line treatment of non-small cell lung cancer (NSCLC): A phase III study. Cell Therapeutics, Inc. — \$6,500 — (5 November 2002).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Educational pool for recruitment program on protocol #20010101. Amgen, Inc. — \$7,500 — (24 March 2003).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Randomized multi-center phase III trial of irinotecan in combination with three different methods of administration of fluoropyrimidine: Infusional 5-fu (folfiri), bolus 5-fu (day 1&8) and oral capecitabine (day 1-4) with celecoxib versus placebo. Pharmacia, Inc. — \$5,000 — (4 February 2003).

Silberstein, P. [Principal Investigator]; & Caracioni, A. [Co-Investigator]. Study to assess symptom burden in subjects with nonmyeloid malignancies receiving chemotherapy and aranesp. Amgen, Inc. — \$2,500 — (17 March 2003).

Silberstein, P. [Principal Investigator]; Potter, M., Arcidi, J., Frank, A., Lynch, H., & Casey, M. [Co-Investigators]. Missouri Valley cancer consortium. NIH — \$346,707 — (27 September 2002-31 May 2003).

Smith, D. D. [Principal Investigator]. Christopher Taylor: Synthesis and pharmacological characterization of novel calcitonin gene related peptide receptor antagonists. American Heart Association — \$38,000 — (1 July 2002-30 June 2004).

Smith, D. D. [Principal Investigator]. Proposal for the analysis of LN-1-255 by reversed-phase HGH performance liquid chromatography. AlamX L.L.C. — \$10,100 — (1 December 2002).

Smith, D. D. [Co-Principal Investigator]. Regulation of food intake and body weight by amylin. NIH — \$179,100.

Sokol M. S. [Principal Investigator]. Assessment of infection-triggered anorexia nervosa. Wiebe Foundation — \$112,500 — (2001- 2003).

Soukup, G. A. [Principle Investigator]. Artificial control of RNA splicing. Nebraska NSF-EPSCoR — \$40,000 — (1 February 2001-31 January 2003).

Soukup, G. A. [Principle Investigator]. *In vivo* selection of novel RNA-binding proteins. HFF — \$20,000 — (1 July 2001-30 June 2003).

Stanek, K. [Principal Investigator]. Pharmacia corporation educational grant. Pharmacia, Inc. — \$500 — (13 May 2003).

Stockard Spelic, S. [Prinicpal Investigator]; Norris, J., Tinley, S., Snyder, C., & Karatoprakli, M. [Co-Investigators]. Family adaptation to hereditary cancer risk. Sigma Theta Tau International Small Grants — \$5,000 — (1 June 2003-30 May 2004).

Stokes, J. R. Evaluation of the onset of action (day in the park) of a single dose of 400mg loteprednol etabonate nasal spray in adults and adolescents with ragweed induced seasonal allergic rhinitis (“intermittent rhinitis”). Muro Pharmaceutical, Inc. — (July 2002).

Stokes, J. R. A multi-center, double-blind, randomized study investigating the clinical effect of montelukast on allergic rhinitis in patients with seasonal allergic rhinitis and chronic asthma. Merck,& Co., Inc. — (May 2003).

Stokes, J. R. A phase II, double-blinded, placebo-controlled, efficacy and safety evaluation of allergen immunotherapy co-administered with omalizumab, an anti-IGE monoclonal antibody. Immune Tolerance Network — (March 2003).

Stokes, J. R. A twelve-week randomized double-blind double-dummy, placebo and active controlled study of SYMBICORT™ pMDI administered once daily in adults and adolescents with asthma-STEM. AstraZeneca — (November 2002).

Sullivan, P. [Principal Investigator]. Adult violence linkages in youth with disabilities. DHHS — \$390,908 — (1 July 2002-30 September 2003).



D. ARNOLD DOWELL &
JAMES F. KELLY — PATHOLOGY

Sullivan, P. [Principal Investigator]. Neglectful parenting and children's aggression. NIH — \$98,543.03 — (1 July 2002-30 June 2003).

Sullivan, P. [Principal Investigator]. Salary support. State of Nebraska — \$103,391 — (1 July 2002-30 June 2003).

Sullivan, P. M. [Principal Investigator]. Adult violence linkages in youth with disabilities. CDC-NCIPC — \$886,014 — (1 October 2001-30 September, 2004).

Sullivan, P. M. [Principal Investigator]. Relational aspects of neglect and children's aggression. NIH-NIMH- University of Iowa subcontract — \$625,000 — (1 July, 2001-30 June, 2005).

Swanson, P. [Principal Investigator]. Flow cytometry core facility for molecular and cellular applications. State of Nebraska — \$65,005 — (1 September 2002-31 August 2003).

Swanson, P. [Principal Investigator]; & Zhou, F. [Co-Investigator]. Development of a dominant negative form of RAG-1. State of Nebraska — \$74,808 — (1 September 2002-31 August 2003).

Thomson, K. S. [Principal Investigator]. GPS-11 development trial. bioMérieux Vitek — \$15,750 — (1 February 2003-31 March 2003).

Thomson, K. S. [Principal Investigator]. GPS-15 development trial. bioMérieux Vitek — \$11,352 — (1 January 2003-28 February 2003).

Thomson, K. [Principal Investigator]. Selection of mutational resistance in isolates that produce inducible plasmid-mediated AmpC β -lactamases. Merck & Company, Inc. — \$11,772 — (1 January 2003).

Thomson, K. [Principal Investigator]. Vitek gram-positive susceptibility trial & GPS-15. bioMerieux Vitek, Inc. — \$11,352 — (1 September 2002).

Thomson, K. S. [Principal Investigator]; & Moland, E. S. Initial investigation of Phoenix β -lactamase detection capabilities. Becton Dickinson — \$7,500 — (1 May 2003-28 July 2003).

Thomson, K. [Principal Investigator]; & Moland, E. [Co-Investigator]. Vitek 2 clinical trial protocol for gnca4 antimicrobial susceptibility tests. bioMerieux Vitek, Inc. — \$34,783 — (12 August 2002).

Thomson, K. [Principal Investigator]; Moland, E., & Hanson, N. ESBL analysis of florida isolates. Merck & Company, Inc. — \$28,000 — (15 March 2003).

Thomson, K. S., Hanson, N. D., & E. S. Moland [Co-Principal Investigators]. Newer β -lactamases study: 2001. Merck — \$200,00— (1 June 2001-1 December 2002).

Townley, R. [Principal Investigator]. Multi-center, double-blind, randomized, parallel study comparing the efficacy and safety of fexofenadine 120mg bid, fexofenadine 240mg qd and placebo in subjects with perennial allergic rhinitis. Aventis Pasteur, Inc. — \$89,296 — (1 August 2002).

Townley, R. [Principal Investigator]; Casale, T., & Hopp, R. [Co-Investigators]. Prospective noninterventional exploratory gene expression study in adults with mild moderate and severe persistent bronchial asthma. Wyeth-Ayerst Laboratories — \$3,000 — (15 December 2002).

Townley, R. [Principal Investigator]; Hopp, R., Bewtra, A., & Casale, T. [Co-Investigators]. Placebo and active-controlled efficacy and safety study of a once-daily fixed combination tablet of desloratadine 5mg/pseudoephedrine 120mg (sch 493 [5/120]) in subjects with seasonal allergic rhinitis. Schering-Plough Research Institute — \$55,128 — (1 September 2002).

Tracy, S. [Principal Investigator]; & Drescher, K. M. [Co-Investigator]. Group B coxsackievirus vectors. NIH — \$10,500 — (30 September 2002-30 August 2003).

Watson, P. [Principal Investigator]. Susceptibility prediction in familial colon cancer. NIH — \$26,754 — (1 July 2002-30 June 2003).

Watson, P. [Principal Investigator]; & Lynch, H. [Co-Investigator]. Effect of colectomy on morbidity and mortality in HNPCC. State of Nebraska — \$40,000 — (1 July 2002-30 June 2003).

Wilson, D. [Principal Investigator]. Educational grant. Wyeth-Ayerst Laboratories — \$10,000 — (31 July 2002).

Wilson, D. [Principal Investigator]. HFF discretionary start-up support for psychiatry. Health Future Foundation — \$100,000 — (15 October 2002-31 December 2003).

Wilson, D. [Principal Investigator]. Schizophrenia: An overview of diagnosis and treatment. Eli Lilly and Company — \$2,500 — (8 July 2002).

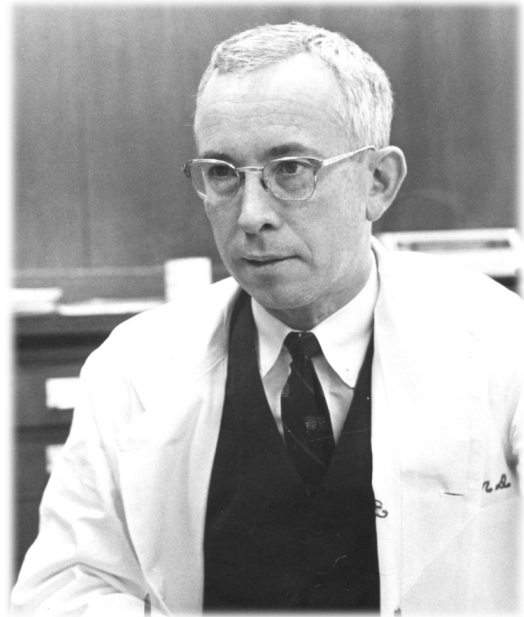
Wilson, D. [Principal Investigator]; & Petty, F. [Co-Investigator]. Infrastructure support for neuroscience laboratory. Health Future Foundation — \$60,000 — (2 June 2003-1 June 2004).

Yaghmour, A. [Principal Investigator]. Healthy kids: Child health clinics project. State of Nebraska — \$40,000 — (1 October 2002-30 September 2003).

Yee, J. [Co-Principal Investigator]. CIG-bone biology tobacco program. State of Nebraska — \$379,312.

Yee, J. [Principal Investigator]. Research costs. Egyptian Cultural & Educational Bureau — \$10,000 — (1 July 2002-26 April 2004).

Zhou, F. [Principal Investigator]; & Jung, L. [Co-Investigator]. Gene expression profile study of lymphoproliferative disorders of large granular lymphocytes using microarray technology. Health Future Foundation — \$19,050 — (1 July 2002-30 June 2004).



FLETCHER MILLER — SURGERY

SCHOOL OF NURSING



STEPHANIE STOCKARD SPELIC —
NURSING

Bergman-Evans, B. [Principal Investigator]. Community health specialist/FMP: A blended major. Health & Human Services — \$192,519 — (1 July 2002-30 June 2003).

Lappe, J. [Principal Investigator]; & Cullen, D. [Co-Investigators]. Exercise and calcium effect on pubertal bone gain. NIH — \$224,438 — (1 April 2003-31 March 2004).

Lappe, J. [Principal Investigator]; & Haynatzki, G. [Co-Investigator]. Calcium and vitamin D malnutrition in elderly women. NIH — \$497,755 — (1 July 2002-30 June 2003).

Lappe, J. [Principal Investigator]; & Hopp, R. [Co-Investigator]. Calcium foods and bone health of adolescent girls. NIH — \$178,125 — (1 December 2002-30 November 2003).

Norris, J. [Principal Investigator]. Advanced education nurse traineeships. DHHS — \$26,704 — (1 July 2002-30 June 2003).

Stockard Spelic, S. [Principal Investigator]; Norris, J., Tinley, S., Snyder C., & Karatoprakli, M. [Co-Investigators]. Family adaptation to hereditary cancer risk. Sigma Theta Tau International Small Grants — \$5,000 — (1 June 2003-30 May 2004).

SCHOOL OF PHARMACY & HEALTH PROFESSIONS

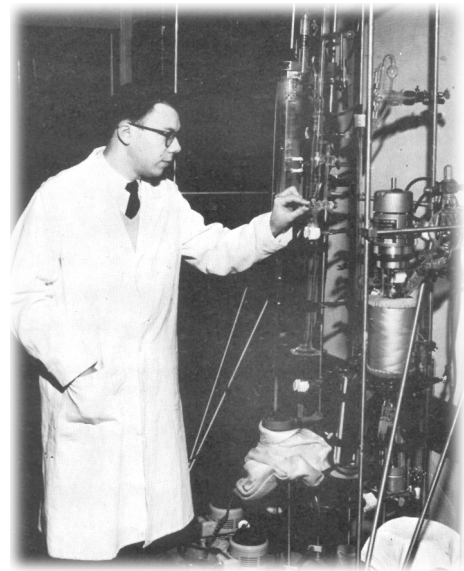
Barr, C. [Principal Investigator]. Pharmacist intervention project: Asthma-net quality improvement pilot. Community Asthma Education Initiative — \$8,000 — (1 January 2003-31 December 2003).

Dash, A. K. [Principal Investigator]. Chewable tablet formulations using natural fiber. ConAgra Inc. — \$3,600 — (December 2002-November 2003).

Dash, A. K. [Principal Investigator]. Use of honey-tab and mola-tab in nutraceutical formulations. Chr Hansen Inc. — \$3,290 — (November 2002-July 2003).

Faulkner, M. [Principal Investigator]; & Monaghan, M. [Co-Investigator]. Toward healthy people 2010: Impacting vaccine underutilization in patients with diabetes through collaborative practice and pharmacist intervention. American Pharmaceutical Association — \$1,000 — (1 January 2003-31 December 2003).

Galt, K. [Principal Investigator]. John M. Eisenberg memorial



TULLY SPEAKER — PHARMACY

lectureship on therapeutics research. Centers for Education & Research on Therapeutics, Agency for Healthcare Quality & Research — \$2,000 — (31 December 2003).

Galt, K. [Principal Investigator]; Barr, C., Young, W., Frey, D., Markert, R., Bramble, J., Rich, E., & Houghton, B. [Co-Investigators]. Impact of personal digital assistant devices on medication errors in primary care. DHHS — \$335,732 — (1 October 2002-30 September 2003).

Griffiths, Y. Educational grant. Office of Excellence in Teaching, Learning & Assessment, Creighton University — \$3750.

Griffiths, Y., & Coppard, B. [Co-Investigators]. Mixed qualitative educational research project on the use of asynchronous communication via webchats as a form of dialogic reflection with interdisciplinary students on a rural fieldwork experience using cultural immersion. HRSA, Consortium for Rural, Interdisciplinary Training.

Griffiths, Y. [Principal Investigator]; Coppard, B., & Lohman, H. [Co-Investigators]. Qualitative educational research on using interviews of published authors to learn about scholarly writing in health care.

Jensen, G. & Royeen, C. [Co-Principal Investigators]. Dreamcatchers and the common good: Allied health leadership in generational health and ethics. Allied Health Project Grant; DHHS; HRSA — \$486,000 — (1 July 2001- 1 July 2004).

Jensen, G. M. [Principal Investigator]; Royeen, C., & Monaghan, M. [Co-Principal Investigators]. Continuous connection: Consortium for rural, interdisciplinary training. Quentin Burdick Rural Health Interdisciplinary Program. DDHS; HRSA — \$454,000 — (1 July 1999-1 July 2003).

Jimenez, B. L. [Principal Investigator]; Cross, P. S., Morlok, M., Gengler, P., Lopez, J., & Parker, D. [Co-Investigators]. Wise woman grant. Nebraska's Every Woman Matters Program — \$48,446 — (2002-2003).

Khan, M. [Principal Investigator]. Mechanisms of histamine's effect on lymphokine secretion. NIH — \$142,500 — (1 August 2002-30 June 2004).

Kincaid, A. E. [Co-investigator], & Bessen, R. A. [Principal Investigator]. Routes of prion neuroinvasion following oral infection. NIH/NIAID — \$1,100,000 — (1 May 2003-30 April 2007).

Lenz, T. [Principal Investigator]. Unrestricted educational grant. SCIOS, Inc — \$1,600 — (7 May 2003).

Malone, P. M., Ninno M., Calis, K. A., & Kendrach, M. CAMIPR annual meeting presentations. Pharmacia — \$10,000 — (December 2002).

Mohiuddin, S. [Principal Investigator]; Hilleman, D., & Esterbrooks, D. [Co-Investigators]. Cardiovascular risk factor screening and intervention in African-American adults. State of Nebraska — \$151,356 — (1 July 2002-30 June 2003).



DANIEL HILLEMANN — PHARMACY



MICHAEL MAKOID — PHARMACY

Mohiuddin, S. [Principal Investigator]; Hilleman, D., Williams, M., & Esterbrooks, D. [Co-Investigators]. Creighton heart education center (CHEC). NIH — \$155,686 — (30 September 2002-29 September 2005).

Mohiuddin, S. [Principal Investigator]; Williams, M., Hilleman, D., Del Core, M., & Mooss, A. Intensive multi-comp cessation/relapse prevention intervention in high risk smokers. Health Future Foundation — \$100,000 — (1 July 2002-30 June 2003).

Mosley, R. L. [Principle Investigator]; & Destache, C. J. [Co-Investigator]. Establishment of a chemically-induced neurodegenerative mouse model system for the study of autoimmune neuroprotection. Pfizer, Inc. — \$40,000 — (2003).

Mosley, R. L. [Principle Investigator]; & Destache, C. J. [Co-Investigator]. SPECT evaluation of GBR 12909 inhibition of β -CIT/dopamine transporter (DAT) interactions. Pfizer, Inc. — \$30,000 — (2003).

Opere, C. [Principal Investigator]. Discretionary research start-up fund. Health Future Foundation — \$31,999.99 — (1 July 2002-30 June 2003).

Opere, C. [Principal Investigator]; & Dash, A. [Co-Investigator]. Effect of isoprostanes on retinal transmitter release. Health Future Foundation — \$20,000 — (1 July 2002-30 June 2004).

Przedborski, S. [Principle Investigator]; & Destache, C. J. [Co-Investigator]. Therapeutic vaccination strategy for amyotrophic lateral sclerosis. National Institute of Neurological Disease & Stroke, NIH — \$40,000 — (2003-2006).

Saini, T., & Dash, A. K. [Co-Investigators]. Development of a novel polyantibiotic local delivery system for intracervical medication. HFF — \$18,840 — (November 2001-October 2003).

Saxena, S. [Principal Investigator]; Daher, P., Levy, J., & Elsasser, G. [Co-Investigators]. Randomized, double-blind, multi-center, positive-controlled, parallel group study to evaluate the safety and efficacy of lotrel (amlodipine/benazepril) compared to zestoretic (lisinopril/hydrochlorothiazide) in hypertensive patients (high dose combinations). Novartis Pharmaceuticals Corporation — \$1,029 — (1 September 2002).

Stohs, S. [Principal Investigator]; Bagchi, D., & Ohia, S. [Co-Investigators]. Establishment of a toxicology center. Health Future Foundation — \$230,000 — (1 July 2002-30 June 2003).

Threlkeld, A. J. [Principle Investigator]. Muscle activity and movement of people with Parkinson's disease and deep brain stimulators during treadmill walking with support. NCMRR — \$10,642 — (1 November 2002-31 October 2003).

Vuchetich, P.; & Raval, V. [Co-Principal Investigator]. Applied research using PKWARE products and services. PKWARE, Inc. — \$36,000 — (May 2002-September 2002).

Zardetto-Smith, A. [Principal Investigator]. Brains rule! Neuroscience expositions. NIH — \$255,627 — (1 August 2002-31 July 2003).



PAUL SORRENTINO, HANS LASS, & JOSEPH KUPCEK —
MODERN LANGUAGES



FRANK AYERS — DENTISTRY



MARLENE TULLY — NURSING



REV. MARTIN VASKE, S.J. — PHILOSOPHY

THESES & DISSERTATIONS

AUGUST 2002

Bonic, A. *In vitro* characterization of proglucagon cleavage by PC1. Doctor of Philosophy (Biomedical Sciences) — Dr. Robert B. Mackin.

DECEMBER 2002

Abou El-Ella, G. Biochemical studies of uncoupling proteins and glucose metabolism in skeletal muscle. Doctor of Philosophy (Biomedical Sciences) — Dr. Richard F. “Barry” Murphy (Major Advisor).

Astuto, L. M. Characterization of Usher syndrome type I heterogeneity by genetic and phenotypic analyses. Doctor of Philosophy (Biomedical Sciences) — Dr. William Kimberling (Major Advisor).

Dang, H. K. A molecular and pharmacological study of the α 1-adrenergic receptors: From the novel alternatively spliced α 1a-AR isoforms to the acute effects of triiodothyronine. Doctor of Philosophy (Pharmacology) — Dr. Margaret Scofield (Major Advisor).

Dhume, A. S. Carotid atherosclerosis: Why some patients are symptomatic and others not? Doctor of Philosophy (Biomedical Sciences) — Dr. Devendra K. Agrawal (Major Advisor).

Hague, C. Functional roles of α 1-adrenergic receptors in the bovine inferior alveolar artery: Regulation of contraction and activation of extracellular signal regulated kinase. Doctor of Philosophy (Pharmacology) — Dr. Peter W. Abel (Major Advisor).

LeDay, A. M. Regulation of retinal glutamate release by peroxides. Doctor of Philosophy (Pharmacology) — Dr. Sunny Ohia (Major Advisor).

Maklad, A. A. F. From the ear to the brain: Ontogeny of the primary vestibular neurons’ projection. Doctor of Philosophy (Biomedical Sciences) — Dr. Bernd Fritsch (Major Advisor).

Staplin, W. R. Assessment of VL30 erythropoietin responsive promoters for erythroid gene therapy. Doctor of Philosophy (Biomedical Sciences) — Dr. Joseph A. Knezetic (Major Advisor).

Weigang, T. Role of the leukotriene B4 metabolic pathway in human pancreatic cancer. Doctor of Philosophy (Biomedical Sciences) — Dr. Richard F. “Barry” Murphy (Major Advisor).

MAY 2003

Cabrera Lafuente, R. Simulation of jets in heavy ion collisions for the ALICE experiment. Master of Science (Physics) — Dr. Michael Cherney (Major Advisor).



CONRAD MARQUARD — MATHEMATICS

Hopfenspirger, M. T. Mycobacterial antigens and immunomodulation in allergic asthma. Doctor of Philosophy (Biomedical Sciences) — Dr. William Kimberling (Major Advisor).

Krueger, K. D. Resistance to apoptosis in smooth muscle cells and stent-induced stenosis in coronary and peripheral arteries. Doctor of Philosophy (Medical Microbiology) — Dr. Devendra K. Agrawal (Major Advisor).

Parks, S. C. A study of charmed hadron production in proton-proton collisions. Master of Science (Physics) — Dr. Michael Cherney (Major Advisor).

Varga, R. J. Clinical and molecular characterization of auditory neuropathy. Doctor of Philosophy (Biomedical Sciences) — Dr. William Kimberling (Major Advisor).

Thomas, C. Developing and validating an instrument for measuring online trust. Master of Science (Electronic Commerce). – Dr. Cynthia L. Corritore (Major advisor).

Warnasooriya, N. The search for the X(1750) in ultra-peripheral collisions at STAR. Master of Science (Physics) — Dr. Janet Seger (Major Advisor).



JOHN KRAGER, PAUL TAMISIEA, &
WILLIAM HOLTHAUS — DENTISTRY



ASSORTED CU FACULTY & ADMINISTRATORS

INDEX

ABEL, P. W., 42, 75, 114
 ABIOSE, A. K., 76, 96
 ABRAMS, J. J., 44
 AGRAWAL, D., 19, 77, 89, 92, 114, 115
 AIZENBERG, S., 32
 AKHTER, M. P., 53, 103
 ANDERSON, M., 86
 ANDERSON, R., 89, 90
 ANDERSON, T. M., 50
 ANDRUS, K. L., 50
 ARCIDI, J., 106
 AROUNI, A., 53, 90, 96, 100
 AULT, J., 32, 45
 AUSTIN, T., 86

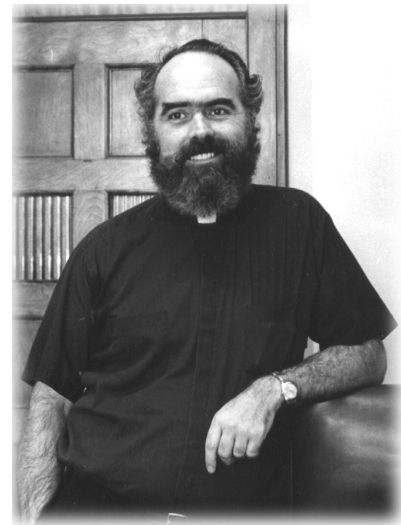
BABCOCK, N., 101
 BADURA, A. S., 43
 BAGCHI, D., 112
 BAKEWELL, G. W., 32
 BALTARO, R., 78
 BARGER-LUX, M. J., 54, 63, 72
 BARKMEIER, W., 88
 BARONE, E. J., 61, 81, 90
 BARR, C., 60, 80, 94, 110, 111
 BARR, J. B., 82
 BARTZ, J. C., 54, 80, 90
 BASHIR, R., 90



GORDON BERQUIST — ENGLISH

BEISEL, K. W., 54, 60, 62, 70, 71, 90
 BELL, J., 90
 BERGMAN-EVANS, B., 69, 79, 83, 110
 BERGREN, D., 8
 BERTONI, J. M., 58, 80, 90
 BESSEN, R. A., 54, 80, 90, 97, 111
 BEWTRA, A., 92, 109
 BHATIA, S. C., 73, 74, 91, 102
 BIDDLE, W. P., 65
 BITTNER, M., 17
 BOCKMAN, C. S., 54
 BORCHERS, P. J., 50
 BOTHMER, J., 91
 BRADEN, B. J., 79
 BRADLEY, M., 91
 BRAMBLE, J., 84, 94, 111
 BRAUER, P. R., 8, 54, 55, 79, 91, 102, 106
 BROCK, B. L., 32, 37
 BROWN, L., 91
 BROWNELL, J., 92
 BRUCE, L., 9
 BUCHER, G. S., 32
 BUCKO, R., 32-34
 BYRD, S. F., 44

CAI, D. H., 55
 CARACIONI, A., 106
 CASALE, T. B., 55, 56, 66, 69, 70, 77, 91, 92, 96, 97, 108, 109
 CASEY, M., 106
 CATHERWOOD, M., 34
 CAVALIERI, S. J., 92, 93
 CAVEL, T., 88
 CERUTIS, D., 88
 CHARTRAND, S. A.*, 76
 CHATTERJEE, A., 76, 106
 CHEN, L., 45, 46
 CHENG, S.-C., 34, 39, 40
 CHERNEY, I. D., 34, 35, 86
 CHERNEY, M., 31, 32, 41, 86, 114, 115
 CHRIN, J., 31, 32, 41
 CHU, C., 102
 CIESEMIER, L., 56



REV. MICHAEL MORRISON, S.J. — HISTORY

CIPOLLA, S., 35
 CLARK, C., 35
 CLARK, T. D., 35, 36, 45
 CONLON, J. M., 53
 COOK, C., 86, 98
 COOK, T. J., 36
 COONEY, R. R., 36
 COPPARD, B. M., 82, 111
 CORRITORE, C., 45, 46, 49
 CROSS, P. S., 84, 111
 CULHANE, M., 50
 CULLEN, D. M., 53, 98, 103, 110

DAHER, P., 106, 112
 DALLON, C. W., 50
 DANIELSON, M. A., 36
 DASH, A. K., 40, 80, 83, 84, 88, 110, 112
 DAVIES, K. M., 57, 58, 63, 66
 DAVIS, E. M., 82
 DEL CORE, M., 63, 64, 100, 112
 DENG, H. W., 56-58, 62, 64, 66, 71, 72, 79, 93, 103
 DESMANGLES, J., 93
 DESTACHE, C. J., 80, 83, 112
 DEY, B., 93
 DICKERSON, D., 91, 102
 DICKHUTE, N. L., 50
 DILLY, B. J., 36

DiLORENZO, S., 88
 DOBBERPUHL, D., 40, 83
 DOUGLAS, A., 86
 DOWD, F., 93
 DOWELL, M. S., 63
 DOYLE, B., 36, 37
 DRESCHER, K. M., 19, 58, 71, 77,
 93, 109
 DUDA, G., 36
 DUROW, W. P., 36
 DWORZACK, D., 17

ELLIOT-MEISEL, E., 36
 ELSASSER, G. N., 61, 81, 83, 106,
 112
 ENARSON, C., 94
 ESTERBROOKS, D., 96, 100, 111, 112

FAULKNER, M. A., 58, 80, 84, 110
 FENNER, G. M., 50, 51
 FERNANDES, P. P., 29, 58, 73, 102
 FILIPI, C. J., 68
 FINKEN, L. L., 36, 40
 FITZGIBBONS, R. J., JR., 53, 59, 68,
 70, 94, 101
 FITZSIMMONS, E. L., 45
 FLEMING, P., 86
 FLINN, R., 46
 FORAL, P. A., 85
 FRANK, A., 106
 FREITAG, M. A., 31
 FREY, D., 59, 60, 94, 111
 FRITZSCH, B., 9, 12, 53, 54, 60, 62,
 68, 71, 73, 78, 90, 94, 114
 FURLONG, B., 80
 FUSARO, R., 67, 97

GALLAGHER, J., 94
 GALT, K. A., 60, 69, 70, 79, 80,
 82, 83, 94, 110, 111
 GATALICA, Z., 56, 60, 62, 71, 77,
 78
 GENTRY-NIELSEN, M. J., 17, 58,
 77, 94
 GIBBS, D. B., 37
 GIGER, D., 17
 GLEASON, J., 32, 45, 46
 GOERING, R. V., 69, 95
 GONG, G., 58, 66, 95
 GOODMAN, M., 60

GORBY, G., 17, 95
 GOSS, E. P., 35, 45, 46
 GOULET, C., 85
 GREENSPOON, L. J., 37, 39
 GRIFFITHS, Y., 81, 82, 111
 GRIGSBY, W., 100
 GUCK, T. P., 61, 81

HADDAD, A., 71, 81, 84
 HALLWORTH, R., 8, 9, 11, 12,
 62, 64, 71, 77, 78, 95
 HAMILTON, W. R., 81
 HAMM, D., 37
 HANSEN, L., 74, 95
 HANSON, N. D., 17, 62, 69,
 95, 96, 99, 108
 HAPPE, H. K., 29, 102
 HARPER, C. L., 37
 HARRINGTON, A., 91
 HARRISON, C. J., 76
 HAUSER, R. H., 37
 HAYNATZKI, G. R., 53, 77, 95,
 98, 103, 110
 HE, D. Z. Z., 9, 10, 62, 66, 79,
 90, 96
 HEANEY, R. P., 54, 57, 58, 62, 63,
 69, 74, 79, 96, 103
 HEE, T., 75, 98
 HILLEMAN, D. E., 63, 80, 81, 83,
 100, 111, 112
 HOIE, E. B., 82
 HOLMBERG, M. J., 63, 64, 75, 96
 HOPP, R., 77, 92, 96, 98, 108-110
 HOUGHTON, B. L., 69, 79, 83, 94,
 111
 HOUTZ, L. E., 37, 44, 64, 85-87,
 103
 HOWARD, J. H., 49
 HUDSON, C., 106
 HUERTER, C., 90, 96, 97
 HULCE, M., 41, 42, 72, 75
 HUNTER, C. B., 63, 81, 96, 100
 HURLEY, J., 97

IBARROLA, J. L., 49
 ISHII-JORDAN, S. R., 86

JABRO, M., 88
 JACOBS, D., 97, 100
 JENSEN, G. M., 81, 84, 85, 111



PHYSICS CLUB

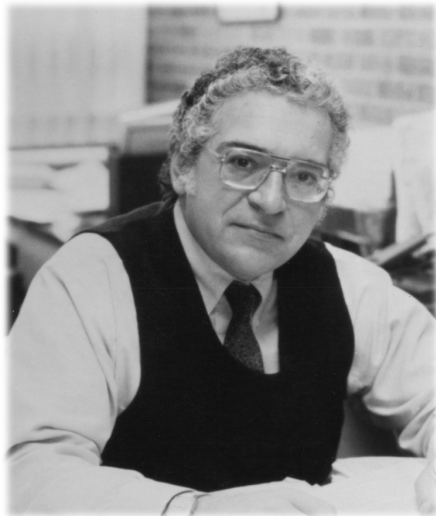
JIMENEZ, B. L., 80, 82, 111
 JOHNSON, M., 66, 105
 JORGENSEN, R. D., 46
 JUNG, L., 97, 109
 JURGENSMEIER, C., 37, 38

KALEEM, Z., 64, 71, 78
 KARATOPRAKLI, M., 107, 110
 KAVAN, M. G., 61, 81, 90
 KEEGAN, B., 37, 38
 KELLY, M. J., 51
 KENIK, J., 97
 KHAN, I. A., 56, 61, 65, 68-72, 75,
 96
 KHAN, M., 111
 KHAN, S. S., 102
 KIELNIARZ, M. A., 37, 38
 KINCAID, A. E., 54, 80, 90, 97, 111
 KIRBY, E. L., 38
 KISSELL, J., 86, 98
 KITCHEL, A. C., 50
 KNEZETIC, J. A., 10, 62, 67, 76,
 100, 114
 KNIGHT, R., 97, 98
 KNOOP, F. C., 53
 KNOWLES, K. I., 49
 KOCHANOWICZ, S., 101
 KOSOKO-LASAKI, S., 86, 98
 KRACHER, B., 45, 49

KROGSTAD, J., 46
KUHLMAN, T. A., 38

LAMBERT, G. P., 86, 98
LANDMARK, S., 101
LANSPA, S. J., 66, 86, 98
LAPPE, J. M., 63, 79, 93, 98, 110
LATTA, M., 88
LAWLER, M. G., 39
LEBEAU, B., 37
LENZ, T. L., 58, 78, 80, 82, 83, 85,
III
LEVY, J., 66, 106, 112
LEWIS, T., 47
LI, H., 63, 64, 75, 98
LIN, H., 66
LISTER, P. D., 17, 99
LOGGIE, B. W., 58-60, 68, 74, 99
LOHMAN, H., 81, 82, 84, III
LOVAS, S., II, 12, 53, 54, 56, 65, 66,
71, 76, 78, 99, 101
LUND, R., 19
LUST, E., 80, 82
LYNCH, H. T., 53-55, 60, 64, 67,
69, 70, 72-74, 77, 93,
99-101, 106, 109
LYNCH, J. D., 67
LYNCH, J. F., 67, 77

MACIEJEWSKI, J. J., 39
MACK, R. L., 51
MACKIN, R. B., 12, 54, 67, 100
MADISON, J., 100



ROLAND SANTONI — LAW

MADISON, J. K., 67
MAHERN, C., 89
MAILLIARD, J. A., 19, 53, 63,
64, 74
MAIO, A., 73
MALESKER, M. A., 63, 81
MALIK, D. S., 40
MALINA, B. J., 39, 42
MALLEBY, D. W., 39, 45,
46
MALLEBY, M. L., 39, 46
MALONE, P. M., 82, III
MANASI, R., 68
MANGRUM, C. R., 51
MANION, J., 101
MARBLE, R., 46
MARCIL, W. A., 58, 68, 102
MARKERT, R., 60, 69, 79,
80, 83, 94, III
MATTSON, B., 40, 86
MATTSON, J., 88
MCGONIGAL, E., 101
MCGUIRE, M. H., 79
MCLEAN, R. A., 81, 83
MCQUILLIAN, R., 101
MCSHANE, T. S., 31, 41, 86
MELILLI, K. J., 51
MEYER, R. A., 56
MOHIUDDIN, S. M., 19, 20, 63, 64,
75, 78, 85, 96, 100, III, 112
MOLAND, E., 108
MONAGHAN, M. S., 69, 79, 81, 83,
85, 110, III
MOORMAN, R. H., 47
MOOSS, A. N., 60, 63, 64, 75, 78,
81, 85, 100, 112
MORDESON, J. N., 34, 39, 40
MORLOK (BROMM), M., III
MORROW, L., 19
MORSE, E. A., 51
MU, K., 44, 83-85
MUELLER, J., 40
MUHAMMAD, J., 102
MURPHY, R. F., II, 12, 53, 54,
56, 71, 76, 78, 100, 101
MURTHY, N. R. V., 47
MUSKIN, M.-B., 86
NAIR, C. K., 56, 65, 70
NAIRN, R., 76, 101
NATH, R., 44
NAUGHTON, W., 88



SHEILA CICIULLA — NURSING

NAWAZ, Z., 18, 60, 71, 75, 78, 99,
101
NORRIS, J., 107, 110
NYSTROM, E., 101
NYSTROM, K. K., 85

O'BRIEN, R. L., 54, 70, 83, 86,
98
OHIA S. E., 70, 83, 112, 114
O'KEEFE, J., 40
OLSON, L., 87
OPERE, C., 112

PADALA, P., 71, 102
PADILLA, R., 81, 83
PASCHAL, K. A., 84
PEARSON, E., 51
PECK, K., 84
PEDERSEN, W., 101
PERRY, G., 18
PETTY, F., 29, 30, 58, 62, 66, 68,
69, 71, 73, 74, 101, 102
PETZEL, D. H., 8, 62, 102
PINCH, W. J. E., 80
PINKERTON, L., 102
PLATZ, J. E., 40, 41
PONEC, D. L., 43
POTTER, M., 106
PREHEIM, L. C., 17, 58, 102, 103
PRICE, P., 102
PUNIA, S., 102
PURCELL, T. J., 47, 51

PURTILO, R. B., 16, 54, 55, 69, 71,
84, 86, 98, 103

QUINN, T. H., 37, 64, 87, 103

RAFFERTY, K., 63

RAFUL, L., 51

RAMAGE, J., 87

RAMASWAMY, S., 102

RAVAL, V., 47, 88, 112

RECKER, R. R., 19, 53, 54, 56-58,
63, 64, 66, 71, 72, 75, 79,
93, 103

REICHHOLD, D., 31, 41

REIDELBERGER, R. D., 41, 72, 103

RENDELL, M. S., 72, 73, 76,
103-105

RENO, R. R., 41

REYES, A. P., 63, 81, 96, 100

REYES, P., 105

RICH, E. C., 53, 55, 60, 69, 73, 79,
80, 83, 94, 97, 105, 111

RISCH, G. S., 39

RODDY, N., 41

ROMERO, F., 97, 101, 105, 106

ROMERO, J., 106

ROMITO, L. M., 49

ROVANG, K. S., 75

ROYEEN, C. B., 44, 80, 81, 82, 84,
85, 111

SAINI, T., 88, 112

SALZMAN, T. A., 41

SANDSTROM, R. S., 84

SATPATHY, H., 73

SATTAR, S. P., 73, 74

SAXENA, S., 106, 112

SCHAEFER, J., 74, 78

SCHALLES, J., 87

SCHIRTON, L., 84

SCOFIELD, M., 114

SEGER, J. E., 31, 42, 86, 115

SHANER, J. W., 49

SHARMA, A., 74

SHEN, X. D., 63, 64, 75

SHIMERDA, T., 47

SHUGRUE, R. E., 52

SIDEBOTTOM, D. L., 42

SILBERSTEIN, P., 106

SIMKINS, R. A., 37, 39

SINGH, S., 84, 85

SKRABAL, M. Z., 85

SMITH, D. D., 12, 42, 75, 103, 107

SNYDER C., 107, 110

SNYDER, J., 54

SOKOL, M. S., 29, 75, 76, 107

SOUKUP, G. A., 10, 65, 76, 107

SOUKUP, J. K., 42, 87

SPENCER, B., 42

STADING, J. A., 85

STANEK, K., 90, 98, 107

STENBERG, S., 36, 42

STEPHENS, W. O., 42, 43

STOCKARD SPELIC, S., 107, 110

STOHS, S., 112

STOKES, J. R., 107

STONE, N. J., 43

SULLIVAN, P. M., 107, 108

SVOLOS, T., 76

SWANSON, P. C., 18, 19, 76, 108

TAN, J., 47, 48

TAYLOR, M. H., 48

TEN HAVE, H., 16

TEPLY, L. L., 52

THELEN, B., 87

THOMSON, K. S., 17, 62, 69, 99,
100, 108

THRELKELD, A. J., 85, 112

TINLEY, S., 107, 110

TOWNLEY, R. G., 56, 77, 92, 108,
109

TREONIS, A., 87

TURNER, P., 69, 79, 83

VAN BLERK, B., 101

VANCHENA, L., 87

VOLKMER, R. R., 52

VUCHETICH, P., 88

WALKER, L., 83

WARE, M. E., 43

WATSON, P., 54, 67, 68, 97, 100,
109

WELIE, J. V. M., 49, 77, 88

WELLS, D., 47

WESTERMAN, G. H., 49

WHIPPLE, R., 43

WHITE, M., 50

WHITTEN, R. U., 52



HOWARD BACHMAN —
EDUCATION

WILKEN, M., 80

WILLIAMS, M. A., 58, 76-78, 100,
112

WILSON, A. F., 82, 85

WILSON, D. R., 29, 30, 53, 58, 65,
68, 69, 71, 74, 78, 91, 102,
109

WILSON, M., 96

WILSON, M. R., 70, 83, 98

WILWERDING, T., 88

WIRTH, E., 43

WISEMAN, C. M., 51, 52

WORKMAN, J. P., JR., 49

WRIGHT, W. M., 43, 44, 87

WURDEMAN, R., 78, 85

YAGHMOUR, A., 106, 109

YEE, J. A., 11, 79, 103, 109

YOHANNES, P., 78

YOUNG, W., 60, 80, 94, 111

YOUNGBLOOD, F., 101

ZARDETTO-SMITH, A. M., 44,
83, 85, 113

ZENG, W., 42, 54, 75

ZHOU, F., 108, 109

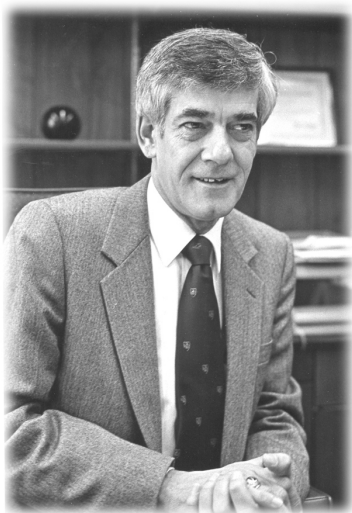
ZUEGNER, C., 37

SPECIAL THANKS TO THE FOLLOWING INDIVIDUALS
FOR PROVIDING ACCESS TO THE PHOTOGRAPHS THAT APPEAR IN THIS PUBLICATION:

MS. PAT LUCAS & MS. CONNIE ROTHERMUND, OFFICE OF DEVELOPMENT RESEARCH
DR. FRANK AYERS, SCHOOL OF DENTISTRY
DR. BETTE NOVIT EVANS, POLITICAL SCIENCE DEPARTMENT
MS. JULIE FOX, HISTORY DEPARTMENT
DR. ARTHUR FISHKIN & DR. BERND FRITZSCH, BIOMEDICAL SCIENCES
DR. AMY HADDAD, HEALTH POLICY & ETHICS
DR. DANIEL HILLEMANN & DR. WAYNE YOUNG, PHARMACY PRACTICE
DR. SYED MOHIUDDIN & MR. LARRY MAXWELL, CARDIAC CENTER
DR. HARRY NICKLA, BIOLOGY DEPARTMENT
DR. THOMAS NITSCH, COLLEGE OF BUSINESS ADMINISTRATION
PUBLIC RELATIONS DEPARTMENT, CHILDREN'S HOSPITAL



REV. RICHARD HARRINGTON, S.J. —
ENGLISH



GUY BANVILLE —
BUSINESS ADMINISTRATION



REV. BERNARD HASBROUCK, S.J. —
MATHEMATICS



Creighton
UNIVERSITY

1878 **125** 2003