

FACULTY BIOGRAPHIES

Sankar Acharya, CBA, Finance

2412 UH, 413-9204 sacharya@uic.edu, PhD Northwestern University

BIOGRAPHY: Dr. Sankarshan Acharya is a tenured finance professor at the University of Illinois at Chicago. He received a Ph.D. in Finance with an award for "excellent performance in doctoral program" from Kellogg Graduate School of Management, Northwestern University. During his finance professorship at Stern School of Business of New York University, he wrote on optimal bank closure and deposit insurance pricing policies, presented at the American Finance Association meetings and published in the leading journal of the finance field, *Journal of Finance*. His research has sparked a lot of excitement, resulting in invitations from the U.S. Congress to help draft the U.S. bank regulatory law, and from the Board of Governors of the Federal Reserve System for presentations. He has helped the Federal Reserve Board in establishing optimal bank capital standards, and advised the Federal Deposit Insurance Corporation on deposit insurance reforms. His research has been enacted in the U.S. Bank Regulatory Law and is a required reading for American and European bank regulators. He currently teaches Corporate Finance, Options and Futures Markets and Fixed Income Securities. He had been elected to serve on the Executive Committee of the College of Business Administration at the University of Illinois at Chicago for six years.

William Ahrens, COM, Emergency Medicine

1600 UICH, 413-1986, bahrens@uic.edu, MD, Ohio State University

Aixa Alfonso, LAS, Biological Sciences

3067 SEL, 355-0318, aalfonso@uic.edu, PhD University of Wisconsin at Madison

AUTOBIOGRAPHY: I teach courses in Developmental Neurogenetics and Molecular Neurobiology. My scientific interest is in understanding how genes control and regulate aspects of nerve cell identity and function. In my laboratory we use the nematode *Caenorhabditis elegans* as a model system to identify and characterize the function of genes involved in both areas. We use classical genetic approaches to identify mutants and study the behavioral consequences of such mutations at the level of the organism. Molecular genetic approaches are used to characterize the structure and function of the mutated genes. Our ultimate goal is to characterize the players and understand the mechanisms by which they function.

Simon Alford, LAS, Biological Sciences

4285 SEL, 355-0328, sta@uic.edu, University of London

Louise Anderson, LAS Biological Sciences

3278 SES, 996-4547, louise@uic.edu, PhD Cornell University

Mary Ashley, LAS, Biological Sciences

1031 SEL, 413-9700, ashley@uic.edu, PhD University of California, San Diego

Jennifer Ashton, LAS, English

601 UH, 996-4687, jashton@uic.edu, PhD Johns Hopkins University

Prof. Ashton's research interests include; twentieth century American poetry and literary theory, legacies of the New Criticism in post structuralism, post historicism, as well as, literary applications of psychology and cognitive theory.

Clara Awe, PHARM, Office of the Dean, Pharmacy Administration

176 PHARM, 996-3516, awe@uic.edu, PhD University of Illinois, Urbana

AUTOBIOGRAPHY: For the past 10 years, I have been the faculty advisor to the Pre-Pharmacy Club whose membership includes students from the Honors College. My research interests are in educational policy analysis, curriculum and pedagogical theory and research, faculty socialization in research universities, and the relationship between educational policy, practice, and implementation.

William Ayers, EDUC, Curriculum & Instruction

3404 EPASW, 996-9689, bayers@uic.edu, EdD Columbia University Teachers College

Isaac Balbus, LAS, Political Science

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Fabricio Balcazar, LAS, Psychology

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Autobiography: I have a joint appointment in the departments of Psychology and Disability and Human Development. I conduct research with marginalized populations (low income minorities) with emphasis on youth and young adults. I have research opportunities for students interested in working in rehabilitation, the Chicago public schools (high school), and city colleges of Chicago (Transit Project). I am interested in the prevention of dropout, transition from school to work, and the development of advocacy among parents.

Mary Lou Bareither, AHA, Movement Sciences

334 PEB, 996-5559, mbareith@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: My research interests are in the study of the role of exercise and dynamic loading in maintaining bone health and preventing fracture. I am also involved in the evaluation and improvement of the pedagogical process used in undergraduate science education.

Kevin G. Barnhurst, LAS, Communication

1148A BSB, 413-3231, kbgcomm@uic.edu, PhD University of Amsterdam

AUTOBIOGRAPHY: I taught English, Journalism, and Art at Keene State College in New Hampshire from 1982 - 85, where I was awarded a National Teaching Award in 1985. I joined the faculty of UIUC in 1986 and taught in the College of Communications until 1991. I won a Fulbright professorship to Peru in 1989. I spent the next academic year as a visiting scholar in the Media Studies Center at Columbia University in New York, completing work on Seeing the Newspaper, named a best book of the year by In These Times Magazine. I then went to Syracuse University, where I taught courses in visual culture and media criticism for the next three years. In 1996 I was assigned to the Syracuse Madrid Center in Spain and spent a semester comparing how Spanish and U.S. young adults relate (or not) to news. I joined the UIC faculty in 1998 as an associate professor and teach media studies theory and research methods. In spring 2000 and 2001 I was a faculty scholar at the Great Cities Institute, and my book, The Form of News, with John Nerone was published. It received a Covert Award for media history, and was issued in paperback a year later. I spent fall 2001 on a Shorenstein fellowship at Harvard University, where I studies news on the Internet and began work on my next book, which looks at the decline in fact and rise of opinion in the new journalist-centered news.

Richard Barrett, LAS, Sociology

4051A BSB, 996-5313, barrett@uic.edu, PhD University of Michigan

AUTOBIOGRAPHY: My research centers on the sociology, demography and epidemiology of Chinese and American societies. With regard to China, I've been particularly interested in economic development, seasonality of vital processes, how Chinese marriage markets function, and a number of similarly obscure topics. My interests in U.S. society are primarily in the areas of how to use census data and racial differences in mortality and health status. More globally, I'm watching the spread of hepatitis B (only 450 million disease carriers in the world at present) and trying to discover what might be done about it.

Gilbert Bassett, Jr., CBA, Economics

2431 UH, 996 5777, gjb@uic.edu, PhD University of Michigan

AUTOBIOGRAPHY: I am head of the Finance Department. My general research interests are in Finance and Statistics. More specific research is indicated on my web-page: www.uic.edu/~gjb. I have taught the honors seminar "Knowledge and Paradox" each year since 1986.

Hormoz Bassirad, LAS, Biological Sciences

4103 SEL, 996-8674, hormoz@uic.edu, PhD University of Arizona

William Becker, A & A, Art & Design

106 JH, 996 3337, wbecker@uic.edu, MFA Cranbrook Academy

AUTOBIOGRAPHY: My constant interest is in designing products and technologies that will provide "quality of life" for all humanity, and also minimize the negative impacts on our natural environment. I call this effort "design ecology." Some think this effort is futile or impossible, but I feel they have not seen past solutions that have been "postponed" to keep "profitable-but-toxic" solutions in place. With the rapid onset of the information age, I am hopeful we will see the rapid adoption of these "postponed" technologies based on sun/light, wind, water temperature gradients, earth heat and the simple recycling of abundant resources. The future is abundant if we can think creatively and truly come to love and respect all our neighbors.

Barbara Berger, NURS, Medical Surgical Nursing

714 NURS, 996-7844, beberger@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: I am currently finalizing manuscripts from my dissertation work, development of an instrument to measure stigma as perceived by people with HIV. I have presented on this topic to local, regional, and national forums, and plan further research into the experience of stigma for people with health-related conditions. I am also very committed to evidence-based practice in health care. In addition, I am pursuing a new line of research involving temperature modulation to improve sleep.

Martha Bergren, NURS, Public Health, Mental Health & Administrative Nursing

958 NURS, 996-1321, bergren@uic.edu, DNS University at Buffalo, SUNY

BIOGRAPHY: Dr. Bergren has 28 years of acute and community pediatric nursing experiences. She initially practiced in neonatal intensive care, followed by acute medical surgical child health in three tertiary care children's hospitals, and later as a school nurse in early intervention settings and in middle and high school in four states. Prior to joining the nursing faculty at UIC, she taught undergraduate acute and community child health and graduate school nursing from 1998-2002 at the University of Minnesota, and from 1990- 1995 as a teaching assistant at the University at Buffalo – SUNY. Dr. Bergren has conducted research in the adoption of information technology by school nurses, adolescent relocation, and most recently, the ability of Early Childhood Screening to predict educational outcomes.

Siddhartha Bhattacharyya, CBA, Information & Decision Sciences

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Dina Birman, LAS, Psychology

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Cynthia Blaise, A&A, Performing Arts

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Sylvie Blond, PHARM, Pharmaceutical Biotechnology

3202 MBRB, 996-5415, blond@uic.edu, PhD University of Paris

AUTOBIOGRAPHY: My research involves the Function of molecular chaperones in assisted protein folding and secretion. Polypeptide chains reach their stable conformation in a process called protein folding. Proteins can be destabilized and inactivated by several mechanisms including mutation, attack by a chemically reactive metabolite or free radicals, or a change in redox potential. Damaged and oxidized proteins are targeted to the ubiquitin/proteasome degradation machinery. Alterations in these processes are believed to account for some of the symptoms observed in neurodegenerative diseases, in several types of cancers, as well as in age-related disorders. In the cell, a cohort of molecular chaperones assist protein folding, maturation, secretion and degradation. Our goals are to characterize a group of molecular chaperones resident of the endoplasmic reticulum that assist in the folding of secreted and membrane proteins in normal and stress conditions. The biotechnological applications of our research interests are directly related to the production of recombinant protein therapeutics.

Oleg Bondarenko, CBA, Finance

2419 UH, 996-2362, olegb@uic.edu, PhD California Institute of Technology

AUTOBIOGRAPHY: My general research area is Quantitative Finance. Recent projects include option pricing, financial econometrics, market microstructure, rationality of financial markets, and performance of hedge funds. I teach FIN 310 "Investments," which is one of the core courses for Finance majors. I have served on the College of Business Administration Student Relations Committee.

Gloria Bonner, NURS, Public Health, Mental Health, and Administrative Nursing

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Bette Bottoms, LAS, Psychology

1046B BSB, 413-2635, bbottoms@uic.edu, PhD State University of New York at Buffalo

BIOGRAPHY: Professor Bottoms' research interests include: Psychology and Law: Children's Eyewitness Testimony, Jury Decision Making, Child Abuse and Neglect, Allegations of Repressed Memory.

Linda Bracamontes-Roger, AA, Graphic Design

106 JH, 996-3337, lindabr@uic.edu, Allgemeine Gewerbeschule, Schule fuer Gestaltung, Certificate, Weiterbildung Program

AUTOBIOGRAPHY: Some of the projects my students have been involved in have been in the interactive realm. The American Institute of Graphic Arts helps provide some of these opportunities. Most of the work involves real clients with specific communication needs. My specific teaching interests include communication in new media, the structures behind them and typography.

Tess Briones, NURS, Medical-Surgical Nursing

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David Brown, A&A, Architecture

3100 A & A, 996-3335, dpb@uic.edu, M.Arch, University of California, Berkeley

BIOGRAPHY: David Brown, an associate professor of architecture at University of Illinois at Chicago is currently investigating, in design research and teaching, ways in which the concerns of existing organizations overseeing various scales of metropolitan development can provide parameters for modes of urban design and planning that can negotiate an area's transformation in time.

Joel Brown, LAS, Biological Sciences

3352 SES, 996 4289, squirrel@uic.edu, PhD University of Arizona

Howard Buhse, LAS, Biological Sciences

3417 SES, 996-2997, howard.e.buhse@uic.edu, PhD University of Iowa

AUTOBIOGRAPHY: My main research interest is in morphology, morphogenetic development, and molecular biology of ciliated protozoa. I teach developmental biology and the Introductory Cell and Organismic Biology course I am the faculty sponsor of the Biology Honors Society, Tri Beta. I am married and have three children.

Sandra Burke, NURS, Medical-Surgical Nursing

408 Goodwin, Urbana, 217-244-5405, sdburke@uic.edu, Phd University of Illinois at Chicago

AUTOBIOGRAPHY: I developed and maintained a nursing elective for undergraduates who wished to become more proficient with diabetes management. I have also worked with students in independent study environments, one of whom earned the Dean's award for her case study on working with AIDS patients. Pathophysiology and applied pharmacology, as well as nursing care of chronically ill patients are my particular areas of interest.

Philip C. Burton, A&A, Art and Design

106 JH, 996 3337, Cert., Kinstgewerbeschule, Basel, Switzerland, BFA Philadelphia College of Art

AUTOBIOGRAPHY: I came to UIC in September 1989 after having been on the faculty of the graphic design graduate program in the School of Art at Yale University for nine years. I also taught undergraduate courses in Yale College. Graphic design programs usually require faculty to teach a variety of courses; mine include letterpress and electronic typography, color, drawing, manual and experimental publication layout strategies. I am especially interested in developing computer assisted design curricula that require a solid foundation of basic design principles.

Ugo Buy, ENGR, Computer Science

1139 SEO, 413-2296, buy@uic.edu, PhD University of Massachusetts at Amherst

AUTOBIOGRAPHY: I conduct research in software engineering for distributed and real-time systems. My specific emphasis is on analysis of software for these systems on automatic code generation. Most of my experience working with undergraduate students has been supervising senior design projects for computer science and computer engineering majors at UIC.

Bradley Cannon, PHARM, Pharmacy Practice

164 PHARM, 996-0882, bcannon@uic.edu, PharmD University of Illinois at Chicago

AUTOBIOGRAPHY: Teach once; learn twice. It is one of the most important conclusions I have come to in my time at the College of Pharmacy. After graduating from UIC in 1994, I completed a pharmacy practice residency and began my career in the clinical arena (as a clinical pharmacist with the Department of Vascular Surgery). Currently, I am a Coordinator of Academic Programs, and develop clerkship opportunities with area hospitals. Additionally, I am involved with the didactic portion of our curriculum, and coordinate a performance-based core course. My interest in teaching has led me to work on opportunities to involve fourth-year pharmacy students in teaching, which I have found extremely rewarding. In my spare time (of which there is little), I enjoy cooking, scuba diving, hiking, and various sports.

Linda Cassata, NURS, Maternal-Child Nursing

814 NURS, 996-1871, lcassa1@uic.edu, PhD, University of Illinois at Chicago

AUTOBIOGRAPHY: I have 30 years of teaching experience, most of which has been in baccalaureate and graduate education. I have devised many experiences for honor students throughout my career that has been the objective of enhancing their knowledge and skills. I enjoy mentoring students and guiding them as they begin their professional careers. I am committed to using evidence and research to guide their clinical knowledge. I am particularly interesting in building cultural competence as the population that we serve becomes increasingly diverse. My specific interests lie in women's health, particularly childbearing families. Much of my dissertation work and research thereafter has focused on adolescent childbearing.

Daniel Cervone, LAS, Psychology

1045 PSB, 413-2632, dcervone@uic.edu, PhD Stanford University

Professor Cervone's research interests include social cognition and personality; perceived self-efficacy: goal setting and self-regulation; affect and cognition.

Peter Chalos, CBA, Accounting

2331 UH, 996-2869, pchalos@uic.edu, PhD University of Illinois

AUTOBIOGRAPHY: I do research in all areas of managerial accounting. I am the past director of graduate studies in accounting and I currently teach graduate and undergraduate managerial accounting. I also consult with many Fortune 500 firms based in Chicago, and I spent a year in Hong Kong at the City University of Hong Kong.

Donald A. Chambers, COM, Biochemistry and Molecular Biology, COD, Center for Molecular Biology of Oral Diseases

A312 CMW, 996-7670, donc@uic.edu, PhD Columbia University, and University of California, San Francisco

BIOGRAPHY: Donald A. Chambers is Professor and Head of the Department of Biochemistry at the University of Illinois College of Medicine and also Director of UIC's Center for Molecular Biology of Oral Diseases. His research focuses on molecular medicine, in particular the nature of interactions between the nervous system and the immune system, and the mechanisms involved in wound healing and tissue homeostasis. He directs an active research program which usually includes faculty, graduate students, professional students, Honors College students and post-doctoral fellows. As Honorary Visiting Fellow at Green College, University of England, and Senior Research Associate of the Wellcome Unit of the History of Medicine at Oxford, he founded and oversees the UIC-Oxford cooperative exchange program. At UIC, Dr. Chambers has been a very active participant in the Honors College as a Fellow, a member of the Honors College Advisory Council, a member of the College of Medicine GPPA Think Tank, chair of the College of Medicine GPPA Curriculum Committee, and he teaches in the GPPA-COM seminar series. In addition, Dr. Chambers has served on governmental advisory committees for the NIH as well as other professional organizations.

Hui-Ching Chang, LAS, Communication

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Rong Chen, CBA, Information & Decision Sciences

2415 UH, 996-2323, rongchen@uic.edu, PhD Carnegie Mellon University

BIOGRAPHY: Dr. Chen's main research interests are in nonlinear/nonparametric time series analysis, statistical computing and Monte Carlo methods in nonlinear/nonGaussian dynamic systems, and statistical applications in engineering and business. He has received five NSF grants for his research in time series and dynamic systems. He also has a US patent pending for a novel method in digital wireless communications. Dr. Chen has authored several publications in both statistical and engineering journals.

Xiangming Chen, LAS, Sociology

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Wonhwa Cho, LAS, Chemistry

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Barbara Coats, JACSW

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AUTOBIOGRAPHY: After completing my undergraduate degree, I joined the Peace Corps (1965-1967) and worked in the first community development project in Sierra Leone, West Africa. My interest has always been in community-based work with a particular focus on community mental health and healthcare. My areas of interest include teaching social work practice courses, working with community-based agencies, and training and educating social work students to work in urban environments.

Rhonna Cohen, Dentistry

530E DENT, 413-0892, rcohen@uic.edu, PhD University of Illinois Medical Center, DDS University of Illinois Medical Center

AUTOBIOGRAPHY: As a scientist and teacher who has a clinical degree in dentistry and a PhD in experimental pathology, I am particularly interested in understanding how normal regulation of homeostasis is altered in disease. My research focuses on the relationships and interactions of the immune system with the skin (e.g., wound healing) and of the immune system with the nervous system (e.g., stress-induced depression of immunity including anti-tumor immunity). I enjoy interacting with students. I teach cell biology in the context of human pathophysiology and have designed and teach a course for dental undergraduates that introduces them to the process of research and gives them some 'hands-on' experience with research design. In the lab, I've directly mentored or informally mentored students who are doing or considering research careers.

Mary Ann Cooper, COM, Emergency Medicine

472 CME, 413-7489, macooper@uic.edu, MD Michigan State University

Daniel Corcos, AHS, Movement Sciences

B47, 1919 W. Taylor, 355-1708, dcorcos@uic.edu, PhD University of Oregon

AUTOBIOGRAPHY: I study the neural control of human movement in health and disease using surface electromyography, function Magnetic Resonance Imaging, and deep brain stimulation.

Stephanie Crawford, PHARM, Pharmacy Administration

258 PHARM, 413-1337, crawford@uic.edu, PhD University of Texas at Austin

AUTOBIOGRAPHY: Dr. Crawford is Associate Professor in the Department of Pharmacy Administration. From 1988-1992, she was Director of Scientific Affairs for the American Society of Health-System Pharmacists. Her primary research interests focus on health services research and pharmacy systems evaluation (e.g., scope of pharmacy practice, technological applications, medication errors, health policy). She has a strong background in pharmacy practice and statistical methods. She teaches core courses on roles of pharmacists and other healthcare professionals, the healthcare system, statistics, and research methods for Pharm.D. and graduate students at the College of Pharmacy. Dr. Crawford is very civic minded, and is a member of numerous professional and scientific organizations.

Connie Dallas, NURS, Public Health, Mental Health & Administrative Nursing

952 NURS, 413-7859, dallascm@uic.edu

BIOGRAPHY: Dr. Dallas' program of research focuses on the systematic investigation of social roles that have been typically excluded from studies of family life in American society, particularly African American adolescent fathers. Studying fatherhood that occurs during adolescence provides a unique window to examine multigenerational transitions across the life course, such as developmental transitions for the baby and young father, role transitions for the young father and his family, and selected parenting processes, particularly the socialization of the young father, acquisition of adequate resources, and parental monitoring of their children's behavior.

Jonathan Daly, LAS, History

1024 UH, 413-9360, daly@uic.edu, PhD Harvard University

AUTOBIOGRAPHY: Born near New York City, I grew up in South Bend, Indiana. After high school, I traveled in Europe and Latin America, learning French and Spanish. I studied philosophy at the Universite de Montreal, where I met my wife. After a brief interest in Soviet politics and foreign policy, I discovered and fell in love with history. To me there is really nothing like trying to figure out, say, how the government of the tsars collapsed or why the Russian masses followed Lenin in 1917. Only documents of various

kinds remain, and getting them to “talk” all while striving to interpret properly what they “say” is the tricky, fascinating work of the historian. In my major research, I have attempted to understand the secret police’s role in the maintenance, and eventual collapse, of the late Imperial Russian regime. To carry out that work, I spent over a year piecing together evidence from archival documents in Russia. In addition to history, I am fascinated by foreign cultures in general and the contemporary Russian culture in particular. I am also a fan of early and classical music, love to read novels, walk and ride my bike as often as possible, and spend lots of time at the park with my little daughters.

Barbara Dancy, NURS, Public Health, Mental Health, and Administrative Nursing

608 NURS, 996-9168, bdancy@uic.edu, PhD St. Louis University

AUTOBIOGRAPHY: As an associate professor at the University of Illinois at Chicago, I have taught both graduate and undergraduate students in the class and clinical settings. Before employment at UIC, I worked as a clinical psychologist at Malcolm Bliss Mental Health Center in St. Louis where I had full clinical responsibility for inpatients and outpatients. My responsibility also included the clinical supervision of psychiatry residents and psychology interns. As a faculty at St. Louis University, I also supervised graduate and undergraduate nursing students and served as Coordinator of the Graduate Major in Psychiatric Mental Health Nursing. I have published in the area of AIDS, homelessness, and mental disorders, and have functioned as principal investigator and co-investigator on several research projects. My awards include Phi Kappa Phi Honor Society (1997), Graduate Award for Faculty Excellence (1995), King/Chavez/Parks Visiting Scholar (1990), Golden Apple Award (1989), and Sigma Theta Gau (1982).

Housang Darabi, ENGR, Mechanical & Industrial Engineering

3031 ERF, 996-6593, hdarabi@uic.edu, PhD, Rutgers University

AUTOBIOGRAPHY: My specific teaching interests are in the area of computer integrated manufacturing, manufacturing information systems, production planning, and facilities planning.

Somnath Das, CBA - Accounting

2313 UH, 996-4482, sdas@uic.edu, PhD Carnegie Mellon University

Tom Driver, LAS, Chemistry

3220 SEL, 996-0431, tgd@uic.edu, PhD University of California at Irvine

AUTOBIOGRAPHY: My research group is focused on the rational development of new methods that selectively transform simple molecules into functionalized complex molecules. We are interested in (1) exploring the chemistry of 3-membered strained rings, azirines, and (2) exploring asymmetric gold-catalyzed aerobic oxidations. Our goal is to design methods based on an understanding of the underlying mechanisms involved.

Donald Dubreuil, LAS, Biological Sciences

4085 SEL, 413-7831, ron@uic.edu, PhD, University of Illinois at Chicago

Sarah Dunn, A & A, Architecture

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Shantanu Dutt, ENGR, Electrical Engineering & Computer Science

930 SEO, 355-1314, dutt@uic.edu, PhD University of Michigan

AUTOBIOGRAPHY: My teaching interests include computer organization & design, computer architecture, digital design, VLSI design, VLSI CAD algorithms, parallel processing, and fault-tolerant computing.

N. Joseph Espat, COM, Surgery/Pharmacology

435 CSB, 355-1987, jespet@uic.edu, MD, University of Florida

AUTOBIOGRAPHY: As a benefit of my father’s employment, I grew up in Latin America and the Caribbean until age 7, when we moved to Northbrook, IL. Subsequently, my family lived in Wisconsin from 1977-79, and ultimately settled in Riverview, FL outside of Tampa. I attended the University of South Florida, majoring in biology and philosophy, obtained an MD degree at the University of Florida, Gainesville in 1990. My interest in surgery led me to complete a general surgery residency from 1990-97, inclusive of a dedicated two year research fellowship. Upon completion of this training, I completed a focused surgical oncology fellowship at the Memorial Sloan-Kettering Cancer Hospital in New York, 1997-99. I was recruited to the University of Illinois at Chicago in 1999 and have held the rank of Assistant Professor of Surgery and Pharmacology since then. I married Jacqueline Ann Ellis in April of 1997, and we have one daughter, Riley Bridget born in July of 2000.

Christopher Fall, MED, Anatomy and Cell Biology

7035 COMRB, 355-4972, fall@uic.edu, PhD University of Virginia

I completed my Ph.D. in Neuroscience at the University of Virginia, and then went on to fellowships at the University of California, Davis and New York University before starting a laboratory at UIC in 2005. Broadly, my interests are computational and experimental cell and systems neurobiology. My current focus is the effects of neuromodulators on activity patterns in the cortical microcircuit. I am trying to understand how groups of neurons in the brain might malfunction in diseases such as schizophrenia. A second but related line of research is exploring how cellular second messenger systems operate. I also try to understand how neurons might die in neurodegenerative disease. A common theme throughout these projects is the use of imaging, electrophysiology, and computational modeling as tools.

Steven Fanning, LAS, History

1004 UH, 996-3143, sfanning@uic.edu, PhD University of Minnesota

AUTOBIOGRAPHY: I was raised in small towns in west Texas, something like those shown in the movies "Hud" and "The Last Picture Show," in a family devoted to its fundamentalist Christianity, which is probably as good a preparation as any to become an historian of the Middle Ages. I have always been fascinated by the medieval period, especially the early Middle Ages when Roman civilization slowly evolved into the amazingly complex culture of the new Germanic states that came into being. I really enjoy barbarians. My other enduring interest is religion and the various ways that humans express it. I am especially attracted to mysticism (a term that is very badly understood in general) and its distinctive view of the very meaning of religion. The course I teach on medieval mysticism is my own favorite, especially because of my students' reactions to the subject.

Norman Farnsworth, PHARM, Pharmaceutical Sciences

325 PHARM, 996-7253, Norman@uic.edu, PhD, University of Pittsburgh

Melissa Faulkner, NURS, Maternal-Child Nursing

860 NURS, 996-2193, melissaf@uic.edu, DSN, University of Alabama at Birmingham

AUTOBIOGRAPHY: I have developed a funded program of research that addresses both biological and behavioral risk factors for the development of early cardiovascular disease in youth with diabetes. I have served in leadership roles in the areas of maternal and child health for the past 27 years, including Chief of Nursing at the Boling Center for Developmental Disabilities while on faculty at the University of Tennessee Health Services Center, Memphis. I have taught undergraduate nursing students in both generic and accelerated BSN programs. Teaching experiences include both direct clinical supervision and classroom instruction.

David Featherstone, LAS, Biological Sciences

4311 SEL, 413-2516, def@uic.edu, PhD, Utah State University

AUTOBIOGRAPHY: Work in my laboratory is directed at discovering new genes required for brain development. To meet this goal, we use a combination of genetics (to generate and isolate new *Drosophila* mutants), electrophysiology (to see how well the nervous system is working), and microscopy (to see where specific proteins are). Read more (much more!) here: <http://tigger.uic.edu/~def/>

Ann Feldman, LAS, English

2001 UH, 413-2249, Feldman@uic.edu, PhD, State University of New York at Buffalo

Lorna Finnegan, NURS, Public Health, Mental Health & Administrative Nursing

1046 NURS, 996-1668, lornaf@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: The goal of my program of research is to develop and test tailored, computerized health promotion interventions focused on lifestyle behaviors in young adult survivors of childhood cancer. I am currently funded for two pilot studies that will lay the groundwork for one important lifestyle behavior: physical activity. More than 270,000 Americans are childhood cancer survivors, two thirds of whom will experience late effects of their cancer treatments. Some late effects could be ameliorated by increased physical activity. I am an expert teacher, who has worked for many years to develop multiple, diverse teaching strategies. I am proficient in using case-based learning and multiple technology-enhanced teaching strategies. I tailor teaching strategies to match students' learning needs. I am interested in helping students develop a passion for pursuing scholarly projects.

Marquis D. Foreman, Nursing, Medical Surgical Nursing

738 NURS, 996-8443, mdforemn@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: I have been at UIC since 1983, joining the faculty in the College of Nursing in 1989. My program of research stems from my experience as an advanced practice nurse and has as its goal the improvement of the health care of older adults. My teaching, both at the undergraduate and graduate levels, focuses on the practical application of theoretical and research-based knowledge for making these improvements in the delivery of health care of older individuals.

Richard Fried, LAS, History

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Lisa Frohmann, LAS, Criminal Justice

4060A BSB, 413-2477, lfrohman@uic.edu, PhD University of California at Los Angeles

AUTOBIOGRAPHY: Teaching is an interactive, participatory process that challenges us to question how the social world is constructed. I am interested in constructing learning situations through which students can challenge their "realities" and share those experiences through writing, oral presentations, or other mediums, such as performance or video. My personal preference is to have students located in a field setting that provides an opportunity to examine the relationships between theory and practice, institutions and individuals, and ideology and consciousness. It is my hope that students will develop a critical consciousness that they will incorporate into their everyday lives.

Leslie Fung, LAS, Chemistry

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In my lab, we study a family of proteins - the spectrin isoforms. Spectrin, a major protein in the membrane skeleton or cytoskeleton, is believed to have evolved early in the development of metazoans, following divergence of fungi, plants and vertebrates, with each isoform representing a candidate for roles in specialized activities of multicellular animals.

Robert Gaensslen, PHARM, Biopharmaceutical Sciences

452 PHARM, 996-2250, reg@uic.edu, PhD Cornell University

Professor Gaensslen's research interests include forensic biology/DNA profiling; methods for developing latent fingerprints; public policy issues around DNA databanking; drug-facilitated sexual assault epidemiology; date-rape drug detection and quantitation; analytical lab support to regulate doping in the horse racing industry in Illinois. He also teaches and coordinates the core program in the M.S. forensic science program.

Matthew Gaynor, A & A, Art and Design

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Richard Gemeinhart, PHARM, Biopharmaceutical Sciences

357 PHARM, 996-2253, rag@uic.edu, PhD Purdue University

AUTOBIOGRAPHY: My teaching and research interests are in the area of drug delivery and biomaterials design. My group uses polymer chemistry to design materials that will target drug delivery and allow selective tissue regeneration. My teaching is directly related to these areas and I have taught in the College of Pharmacy and College of Engineering in these areas.

Miguel Gonzalez-Meier, LAS, Biological Sciences

3223 SES, 355-3928, mmeier@uic.edu, PhD Universidad de Barcelona, Spain

AUTOBIOGRAPHY: My research interest areas are in physiological and ecosystem ecology, global change and stable isotope ecology. My laboratory focuses on the study of plant and ecosystem functioning in different global change scenarios and in ecosystem feedbacks on biosphere-atmosphere interactions. My specific interests are: 1) role of plant and ecosystem respiration in the global carbon cycle; 2) effects of environmental change on plant and ecosystem respiration; 3) understanding the mechanisms of physiological acclimation and adaptation of plants to the environment; 4) use of stable isotopes for understanding physiological and ecosystem processes. My research is an interdisciplinary effort aim to scale up mechanisms of environmental acclimation and adaptation of plants to ecosystem process and function. Mechanistic understanding is crucial when predicting the effects and roles of terrestrial ecosystems to global environmental change scenarios.

Some of the research sites include restoration prairies in the Chicago area to understand the potential of ecosystems to mitigate environmental change; crop fields in Illinois to understand the effects of elevated CO₂ and ozone on plant productivity; and coniferous forests in North Carolina to understand the effects of elevated CO₂ on forested ecosystems.

Geraldine Gorman, NURS, Public Health, Mental Health & Administrative Nursing

1010 NURS, 413-9013, ggorman@uic.edu, PhD, Loyola University Chicago

AUTOBIOGRAPHY: This is my fourth year at UIC and I have taught the introductory Concepts course in the undergraduate program. I also supervised undergraduates during the Community Health rotation, as well as lectured in the didactic portion of the course. In addition, I organized and maintain an elective writing group for undergraduates interested in pursuing reflective narrative. Before coming to UIC, I taught for one year at Western Michigan in their undergraduate nursing program. While in graduate school at Loyola University, I taught the foundational concepts course for the new students as well as the leadership seminar for the graduating seniors. Many years ago, in a different life, I taught English composition and the writing of a research paper in Loyola's English department.

Doris Graber, LAS, Political Science

1110 BSB, 996 3108, dgrab@uic.edu, PhD Columbia University

BIOGRAPHY: Doris Graber teaches courses dealing with various aspects of American politics. This includes an overview of politics at the national level, examination of American foreign policy, the study of public opinion and other aspects of political behavior and intensive analysis of the impact of the mass media on American politics. Her research has been published in books as well as journals. She is the author of 10 books; the latest one is called *Processing The News: How People Tame the Information Tide*, published in 1984. She has contributed chapters to 12 books and has authored well over a hundred articles and book reviews. She has been active in several professional associations, serving as council member, vice president, president, and program chairperson. She was the 1984 Program chairperson for the annual convention of the American Political Science Association. In her spare time, which is never enough, she likes to ski and ice skate in the winter, and water ski, swim, and scuba dive in the summer. She also enjoys gardening, photography, and has a private pilot's license.

Mark Grabiner, AHS, Movement Sciences

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John Greiner, A&A, Art & Design

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BIOGRAPHY John Greiner's Chicago design firm has produced communications for some of the largest retail, industrial and cultural organizations in the country including: Abbott Laboratories, Borg Warner, JC Penney, The Museum of Modern Art, New York, The Art Institute of Chicago, and Santa Fe Southern Pacific Railroad. His work has won awards from the American Institute of Graphic Arts, The New York Type Directors Club, The Art Museum Association of America, and The Printing Industries of America. Before joining the faculty at the University of Illinois at Chicago, Greiner was chairman of visual communications at the School of the Art Institute of Chicago. His recently published book, *Adam's Sketchbook*, was one of the AIGA 50 best books of the year.

Neal Grossman, LAS, Philosophy

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Caroline Guindon, AA, Performing Arts-Music

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Prof. Guindon's areas of interest include: music history, particularly that of the Middle Ages, philosophy of music education and musical cultures of the world.

Eileen Hacker, NURS, Medical Surgical Nursing

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AUTOBIOGRAPHY: I joined the College of Nursing faculty in August 2001. My area of expertise is oncology nursing, specifically quality of life and symptom management in cancer patients receiving intensive therapies. This expertise is reflected in my research, teaching, and service responsibilities.

Dale Hales, COM, Physiology & Biophysics

1309 CME, 413-2891, dbhale@uic.edu, PhD University of Colorado Health Sciences Center

AUTOBIOGRAPHY: I have been involved with the Honors College, the Biology Colloquium, the Summer Research Opportunities Program (SROP), McNair Scholar's Program, the Urban Health Program, and the Hispanic Center for Excellence in Medical Education. In addition, I have had mentored several GPPA students. My basic approach to teaching undergraduates how to do science is to school them in the fundamentals of laboratory procedure, then teach them one technique at a time. After they gain proficiency at the one technique, they begin to learn other techniques. This approach is mutually beneficial. The student gains confidence in their abilities, learns basic laboratory protocol, and more easily learns new techniques. In return, the student participates in on going research projects and contributions to the progress of these studies.

Ziaul Hasan, AHS, Movement Sciences

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John Hetling, ENGR, Bioengineering

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Samad Hedayat, LAS, MSCS

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AUTOBIOGRAPHY: I am a statistician in heart and mind. Mother Nature has been kind to statisticians since she has left lots of uncertainties in scientific studies. We try to identify them, measure them, and minimize them in the subsequent studies. So, no good scientist can bypass us if she wants to draw meaningful conclusions from her studies. Surely, the world would be a boring place to live in if everything was deterministic. Among other things, I do a lot of research in the area of design and the analysis of scientific studies. I have concentrated mostly in biological, medical, and environmental fields. I have written books and published n (> my age) research articles. My research for the past 30 years has always been sponsored by grants and contracts. I am on the editorial boards of several international statistical journals. For my contribution to research I have been elected as a Fellow of the American Statistical Association, the Institute of Mathematical Statistics, and an elected member of the International Statistical Institute. I was elected as a UIC Senior Scholar in 1991, and I was an invited visiting scientist at the Center for Drug Evaluation and Research of FDA during 1989-90. I have directed 20 PhD theses. But I love to work with young and smart and a little bit crazy undergraduate students.

Pamela Hill, NURS, Maternal-Child Nursing

Quad City (Moline), 309-757-9467, phill@uic.edu, PhD University of Iowa

AUTOBIOGRAPHY: I have taught a variety of courses in the RN/BSN completion program, including Health Assessment, Research and Statistics, Seminar in Research, and Leadership in Nursing. At the graduate level, I have taught Nursing Research, Advanced Health Assessment, Intermediate Statistics and two on-line courses entitled Issues of Advanced Practice in Nursing, and Infant Feeding: Historical, Societal, & Health Policy Issues.

Janean Holden, NURS, Medical-Surgical Nursing

232 NURS, 996-7907, jeholden@uic.edu, PhD, University of Michigan

AUTOBIOGRAPHY: I have brought interested undergraduate students into my lab so that they can learn basic techniques in lab science, and so that they can get a working knowledge of how basic science fits into a clinical discipline like nursing. I have done this with about ten nursing students and one student in the biological sciences. I have done independent studies with a number of undergraduate students with the goal of helping them focus on the importance of neurophysiology and animal research in the study of human pain processing.

Henry Howe, LAS, Biological Sciences

3460 SES, 996-0666, hflowe@uic.edu, PhD, University of Michigan

AUTOBIOGRAPHY: I am a population and community ecologist, with research programs active in desert and tropical ecology, and in experimental restoration of tallgrass prairie species.

Xiaoqing Hu, CBA, Finance

2422 UH, 355-4274, PhD Northwestern University

BIOGRAPHY: Interests include portfolio theory and real estate finance. Research specialties: are asset pricing, portfolio theory, real estate finance, mutual fund research, savings and asset allocations, homeownership, real estate finance

Carol Humpherys, Maternal/Child Nursing

408 S. Goodwin, Urbana, 217-333-2507, chumpher@uiuc.edu, DNS, Indiana University

AUTOBIOGRAPHY: I began teaching at the College of Nursing in 1990. I have been teaching introductory nursing, newborn content, leadership and management, and research and theory. My clinical nursing background is in neonatal intensive care and pediatric settings, as well as in management and administrative positions. I particularly enjoy working with students on professional development, focusing on leadership and management skills. I hold certifications in Nursing Administration. My research interests are in the areas of leadership effectiveness, power, management development and organizational impacts on nurses.

John Huntington, LAS, English

2013 UH, 413-2247, huntingj@uic.edu, PhD University of California, Berkeley

AUTOBIOGRAPHY: My interests include cultural Studies, Renaissance poetry, H. G. Wells, and science fiction. I teach beginning and advanced courses on popular genres and cultural studies. I also teach intermediate, advanced, and graduate courses on Shakespeare and Renaissance literature, and advanced courses on the sociology of culture. *AMBITION, RANK, AND POETRY IN 1590S ENGLAND*, a book on the social dynamics of English poetry in the late Elizabethan period, was published in 2001. I am working on a series of essays, perhaps ending up as a book, on H. G. Wells's style and the way it reflects and manages the anxiety caused by his literary success and his swift social rise.

John Ireland, LAS, Spanish, French, Italian, and Portuguese

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Randal Jaffe, COM, Physiology & Biophysics

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Demetra John, AHS, Physical Therapy

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AUTOBIOGRAPHY: I have been a pre-PT and GPPA advisor for 10 years. My teaching interests are specific to physical therapy: functional anatomy, psychosocial issues and health, health promotion, and disability.

Eunice John, COM, Pediatrics

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Andrew Johnson, ENGR, Computer Science

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AUTOBIOGRAPHY: My current research focuses on collaborative virtual reality environments and in particular, their application in conceptual learning. I typically teach the computer graphics courses (including virtual reality and computer animation) and the human-computer interaction courses within the computer science department.

Nicole Jordan, LAS, History

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Elliott Judd, LAS, English

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Laura Junker, LAS, Anthropology

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Jon Kassel, LAS, Psychology

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Richard Kassner, LAS, Chemistry

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AUTOBIOGRAPHY: I was born and raised in the Chicago area. After graduate school, I did postdoctoral work at the University of California, San Diego. I joined the University in the fall of 1969 as an assistant professor and have been happily engaged in teaching and research. My primary teaching responsibility has been in the area of biochemistry. My research concerns the role of metal ions in biological systems with particular emphasis on structure/property relationships in hemoproteins such as hemoglobin. I have been an active member of my church; enjoy sports, camping, hiking, gardening, and my daughter Holly.

Eleni Katsarou, EDUC, Curriculum and Instruction

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Professor Katsarou's research interests include literacy and second language students; sociocultural factors in the acquisition of literacy and English as a second language.

Norman Katz, PHARM, Biopharmaceutical Sciences

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Lon S. Kaufman, LAS, Biological Sciences

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BIOGRAPHY: Lon Kaufman is currently Dean of the Honors College, and Vice Provost for Undergraduate Affairs and former Head of the Department of Biological Sciences. Lon received his PhD in 1982 from SUNY at Stony Brook and was a Postdoctoral Fellow at the Carnegie Institution of Washington, Department of Plant Biology. Lon arrived at UIC in 1985, was made a full Professor in 1995 and assumed the Headship of Biological Sciences in 1998. He was named a Richard G. and Carole J. Cline University Scholar in 1994 and was a CIC-ALP Fellow in 1996. Lon's research on regulation of gene expression during early leaf development has received continuous federal funding since his arrival at UIC. He served on the editorial board of Journal of Plant Physiology from 1991-1993, as the President of the Midwest Society of Plant Physiologists in 1996, and as Panel Director for the Plant Growth and Development Program at USDA in 1999.

Karen Kavanaugh, NURS, Maternal-Child Nursing

848 NURS, 996-6828, karenk@uic.edu, PhD, University of Illinois at Chicago

BIOGRAPHY: Dr. Kavanaugh has conducted several studies that examine the experience of parenting in various high-risk situations: breast feeding a premature infant, receiving a prenatal tour of the neonatal intensive care unit during a high-risk pregnancy, and prenatal loss. Her research has identified the responses and needs of parents in these situations.

Stephen R. Kelso, LAS, Biological Sciences

4294 SEL, 996 2787, skelso@uic.edu, PhD Ohio State University

AUTOBIOGRAPHY: For several years after college, I worked as a computer programmer. My interest in neurophysiology began as a desire to understand what "hardware" in the brain is responsible for the formation of a memory. After graduate school at Ohio State University, postdoctoral fellowships at the University of California Irvine and the City of Hope Research Institute, and fifteen years at UIC, I realize we still don't know the answer to that question, although I have found other interesting or related questions to explore. These include the role of the hypothalamus in regulation of body temperature, types of synaptic transmission between nerve cells in the hippocampus (an area of the brain participating in certain forms of learning) and properties of excitatory neurotransmitter receptor molecules. In addition to my longstanding interest in neurobiology, I have regularly taught cardiovascular, renal, and respiratory physiology, and am now teaching a lot in the General Biology courses.

Andrea Panting Kemp, COM, Obstetrics & Gynecology

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Ashfaq Khokhar, ENGR, Computer Science

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Teresa Krassa, NURS, Medical-Surgical Nursing

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AUTOBIOGRAPHY: My scholarly activities are composed of teaching, research, and service functions. My research interests include: nurse political behavior, health policy, women's health issues in breast cancer and cardiovascular disease, and clinical decision-making (especially as related to critical thinking and self-concept). Other research interests include: ethics and quality of life, self-efficacy, health promotion and wellness issues, nursing and patient education, advanced nursing practice roles and outcomes, health care delivery systems. In terms of service/clinical practice, I am involved in the Champaign County Breast Cancer Coalition and the American Cancer Society (Champaign County Unit). I am a speaker on breast cancer awareness and other topics in the community. I serve as a Parish nurse in a local church and I am involved in health policy formation for nursing and the community.

Alex Kurczaba, LAS, Slavic/Baltic

1614 UH, 413-3059, kurczaba@uic.edu, PhD University of Illinois at Urbana

AUTOBIOGRAPHY: Once upon a time, I entered kindergarten. Since then, I haven't stopped going to school. From kindergarten through PhD (in Comparative Literature), I am the product of an all-American education. Foreign languages and cultures have been the focus of my schooling: Latin and German in high school; German, Russian, and a dose of French in college; Polish, Russian, and German in graduate school. In 1979, I joined the UIC faculty. At UIC, we work with young people who enter college with many gifts but also with many burdens. One of their burdens is geographic and cultural illiteracy. As a member of the humanities faculty based in a foreign language unit, I see my task in the classroom to be the articulation of ideas, values, perspectives, and creative work designated "foreign" by mainstream America. I feel I am succeeding when I see that my students understand something of the world's enormous cultural and civilizational complexity, recognize the past and present interaction among cultures and civilizations, and appreciate the place of their own culture within this mosaic. In 1997 and in 2002, I was honored to be named a recipient of the Amoco Silver Circle Award for Excellence in Teaching.

J.B. Kurish, CBA, Finance

430 RB, 413-9682, jbkurish@uic.edu, PhD University of Illinois at Urbana-Champaign

BIOGRAPHY: Dr. Kurish is recognized as a leading authority in state and local government financing serving as an expert witness for legal proceedings related to the municipal market and having been quoted in publications such as The New York Times, The Wall Street Journal, and Business Week. In addition, Dr. Kurish was Director of the Government Finance Research Center (GFRC) and an investment banker with Credit Suisse First Boston.

Charles Laurito, COM, Anesthesiology/Anatomy & Cell Biology

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Sharad Laxpati, ENGR, Electrical & Computer Engineering

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BIOGRAPHY: Professor Laxpati's research interests include: electromagnetic theory, antennae, computational electromagnetic scattering, microwaves, wave propagation and communication

John Leonard, LAS, Biological Sciences

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Michael Levine, LAS, Psychology

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AUTOBIOGRAPHY: My research is into the early stages of visual processing. I am investigating how the information contained in a pattern of light is transformed and processed as the nervous system ultimately interprets an image of the real world. One aspect to which I have devoted considerable attention is the variability of the visual signal. The firing that presumably carries visual information is unsteady and stochastic. It is possible that this variability can provide a window into the processing by which it is combined with the deterministic signal. There also is the question of why we see so clearly given this noisy input; this raises the tantalizing possibility that the "noise" is actually an indispensable part of the process by which we interpret the visual stimulus. I intend to explore neural network models in which stochastic variations play a role in the process of settling upon a solution state. I have also been interested in the mechanisms by which signals are encoded, particularly at the retinal level. I have been exploring details of the receptive fields of ganglion cells, to elucidate the underlying mechanisms and thereby understand the resultant code.

Susan Levine, LAS, History

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Patricia Lewis, NURS, Public Health, Administrative Nursing

110 NURS, 996-5706, prlewis@uic.edu, PhD, RN

BIOGRAPHY: Dr. Lewis' research interests have focused in the areas of nurse manager roles and HIV/AIDS prevention. Her current activity includes involvement in two major training grants: Advancing Public Health Nursing In Illinois - Focuses on promoting education, skill development and advancement of the role of public health nursing across the state. Career Ladders in Nursing - Focuses on the development of educational alternatives that enable nurses with diverse backgrounds to enter nursing and progress to advanced levels of nursing practice.

Jie Liang, ENGR, Bioengineering

234 SEO, 355-1789, jlialang@uic.edu, PhD University of Illinois at Urbana Champaign

AUTOBIOGRAPHY: My research interests involve applying computational geometry tools to study molecules and cells. Recently, I am dividing my time studying protein structures, gene expressions and patterns, and small chemical compounds for drug discovery. I am interested in showing students how computation and mathematics can reveal incredible insights about biology.

Susan Liebman, LAS, Biological Sciences

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AUTOBIOGRAPHY: My lab uses baker's yeast to study basic questions about the eukaryotic cell. In recent years we have focused on studying infectious proteins, called prions. In mammals prions cause diseases such as Mad Cow disease and Chronic Wasting disease. Yeast prions do not cause disease, but do define a new model for the control of certain heritable traits that involves protein rather than DNA. I teach introductory genetics and graduate courses.

John Lillis, ENGR, Computer Science

936 SEO, 355-1317, jlillis@eecs.uic.edu, PhD University of California @ San Diego

AUTOBIOGRAPHY: I am actively involved in research in Computer-Aided Design (CAD) for integrated circuits. The emphasis of the work is on the underlying optimization techniques for the complex design problems facing IC designers. Examples include standard-cell placement, routing and timing optimization. Algorithmic techniques exploited in this kind of work including dynamic programming, linear programming, and network flows. A complementary interest is in the areas of Local and Stochastic Search for combinatorial optimization problems both within and outside of CAD. Examples include the Traveling Salesman Problem and Graph Coloring. I am active in the study of new search techniques for such problems and statistical and visualization-based methods for understanding their behavior. Topics relevant to this kind of search include Simulated Annealing, Tabu Search, Randomized Local Search, and Multi-Objective Optimization.

Matthew Lippman, LAS, Criminal Justice

4060B BSB, 413-2476, mlippman@uic.edu, PhD Northwestern University, LLM Harvard University

AUTOBIOGRAPHY: My interests center on international issues and social justice. I have team-taught an Honors core course for the past several years with Professor Dagmar Lorenz on "The Holocaust in Law, Literature, Film, Politics And History." This class draws upon my recently completed research project on the history of genocide, war crimes trials and the humanitarian law of war. My writing generally explores the abuse of state authority; torture, genocide, disappearances, nuclearism and terrorism. These essays indirectly address jurisprudential issues such as the relationship between law, morality and politics; the impact of law; law and social change; law and cultural pluralism; the nature of human rights; and individual and collective responsibility. (*Lippman, cont'd.*) I also have taught Honors College courses on civil liberties, comparative law and law and society. I regularly advise Honors College students seeking legal careers and worked with a group of Honors College students in a clinic sponsored by John Marshall Law School. We spent several years investigating the case of a young man incarcerated for murder and filed a clemency petition with the Governor. Honors College students I have supervised have been admitted to leading law schools including DePaul, Georgetown, Harvard, Illinois, Indiana, Kent, Loyola, John Marshall, New York University, Northwestern, Tulane, the University of Chicago, the University of London and Wisconsin. I have worked on numerous international legal controversies, most notably world court cases concerning genocide in Yugoslavia and the former Soviet Union and have appeared as an expert witness on international law in roughly thirty state and federal cases involving United States foreign policy and nuclear weapons. Teaching is my true passion. I have won numerous teaching awards at UIC and consider my involvement with the Honors College to be the most important and rewarding aspect of my career at UIC.

Elizabeth Loentz, LAS, Germanic Studies

1518 UH, 413-2375, loentz@uic.edu, PhD Ohio State University

AUTOBIOGRAPHY: Research interests include: Jewish Studies; Yiddish language, literature, and culture; Minority literatures; Women's Studies; First German Women's Movement; late 19th and 20th century German-language literature. Current projects include a biography of German-Jewish feminist leader, social worker and author Bertha Pappenheim (Anna.O.); a study of the secular Yiddish schools in Chicago

Francis Loth, ENGR, Mechanical Engineering

2019 ERF, 996-3045, floth@uic.edu, PhD, Georgia Institute of Technology

BIOGRAPHY: Dr. Loth's major interest is in the fluid mechanics of blood and its relationship with disease. During the past two decades, fluid mechanics have become appreciated by medical and biological investigators as a key factor in both the cause of arterial disease and the regulation of cellular biology in both normal and diseased arteries. The ability to model biological flow-systems experimentally and numerically has become an important component to fundamental research of vascular disease. A better understanding of the distribution of fluid dynamic variables for various arterial geometry and flow conditions is of great interest to both medical researchers and bioengineers.

Gary Loy, COM, Obstetrics & Gynecology

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Matthias Lu, PHARM, Medicinal Chemistry and Pharmacognosy

545 Pharm, 996-5234, mattlu@uic.edu, PhD Ohio State University

AUTOBIOGRAPHY: I have been a faculty member at UIC since 1973. I am the Assistant Head for curricular Affairs for the Department of Medicinal Chemistry and Pharmacognosy. I teach courses in chemical aspects of drug action in the "Principles of Drug Action and Therapeutics" in the Pharm. D. Program in the College of Pharmacy and Principles of Medicinal Chemistry in the Graduate Program in Medicinal Chemistry. My current research interests are in the design and syntheses of new therapeutic agents. My hobbies include all sports except golf. I particularly like gardening and go fishing as time and weather permit.

John Lussenhop, LAS, Biological Sciences

1014 SEL, 996-4557, luss@uic.edu, PhD University of Wisconsin

AUTOBIOGRAPHY: My research area is soil ecology. One focus of my research is the possibility that the interactions of soil fauna and beneficial fungi might make plants grow better. A second focus of my research is the effect of elevated atmospheric CO₂ on my belowground processes. In this area, I am conducting research of the effect elevated atmospheric CO₂ on mycorrhizal fungal benefits to plants. I am also using belowground video images to study the responses of soil animals to elevated CO₂ in a number of long-term experiments.

Richard Magin, ENGR, Bioengineering

212 SEO, 996-2335, rmagin@uic.edu, PhD University of Rochester

BIOGRAPHY: Prof. Magin did undergraduate and graduate studies in physics at Georgia Tech (BS 69, MS 72) followed by additional graduate work in biophysics at the University of Rochester (PhD 76). He worked for three years as a postdoctoral student at the National Cancer Institute, NIH in the Laboratory of Chemical Pharmacology. He joined the faculty of the Department of Electrical and Computer Engineering at the University of Illinois at Urbana-Champaign in 1979. He worked in Urbana for 18 years as an Assistant, Associate, and full Professor before joining the Department of Bioengineering at the University of Illinois at Chicago in 1998. He is currently Professor and Head of the Department of Bioengineering at UIC and directs the Diagnostic NMR Systems Laboratory. He is a Fellow of the IEEE and AIMBE and Associate Editor of the IEEE Transactions on BME.

Gail Mahady, PHARM, Medicinal Chemistry & Pharmacognosy

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Dibyen Majumdar, LAS, Mathematics, Statistics, and Computer Science

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AUTOBIOGRAPHY: My research is in statistics, both theory and applications. I develop the theory for designing and analyzing efficient scientific experiments. I am involved with two research teams in the UIC Medical School, working on the biological mechanism of cancer and inventing cures. The National Science Foundation and The National Institutes of Health support my research. Along with research, teaching is an enduring passion for me.

Silvia Malagrino, A&A, Photo/Film/Video

106 JH, 996-3337, libraes@uic.edu, MFA University of Illinois at Chicago

AUTOBIOGRAPHY: I am a photographer and media artist working with digital technologies. My teaching interests are varied. I teach all levels of photography and multimedia. In my undergraduate classes, as I teach the skills, tools and processes of photography, I introduce an array of material that draws insight from different disciplines such as psychology, history, literature, anthropology, film and contemporary art theory. In the context of this interdisciplinary approach, I direct the students in rigorous investigation, through project-oriented working methods that may be carried out individually or collaboratively. I guide the students to become proficient in their skills, and to relate their personal concerns and their use of technology and processes, to key contemporary artistic and cultural discourses.

Matthew Marr, LAS, Spanish

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Prof. Marr teaches courses on contemporary Peninsular literature, films, and cultural studies. His research interests include comparative approaches to the contemporary novel, humor in literature, canon formation, literacy conceptions of the hero, postmodern poetry, post-Franco film, and the role of transnational media (music, television, and marketing) in democratic Spain's process of cultural reconfiguration.

Arif Masud, ENGR, Civil & Materials Engineering

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Greg Matoesian, LAS, Criminal Justice

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Sudip Mazumder, ENGR, Electrical & Computer Engineering

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BIOGRAPHY: Professor Mazumder's research expertise and interests include: (1) Interactive Power Networks (IPNs): Application areas include: Voltage-Regulated Modules (VRMs); FACTS, Renewable Energy Systems and Distributed Power Generation; Electric/Hybrid Vehicles; Shipboard and Submarines; Aviation and Aerospace; Motor Drives. Focus: Design and Integration, Optimization, Reliability, Unified Hybrid Modeling, Nonlinear Dynamics and Stability Analysis, Hybrid Nonlinear and Distributed Control, Self Healing, and Fault-Tolerant Control and Communication. 2) Optical Switching in Power Electronics (3) Wireless Motion Sensing and Wide-Area Power Management (4) Advanced Control of Power Supplies/Systems and Motor drives using Existing and Newly-Developed DSP/RISC and ASIC Controllers (5) Power Quality and Voltage Sags (6) Soft- and Hard-Switching Topologies and Techniques in Power Converters (7) Nonlinear Analysis and Control (8) Spatio-Temporal Modeling for Packaging and Prototyping

Ellen McClure, LAS, Spanish, French, Italian & Portuguese

1625 UH, 996-5588, ellenmc@uic.edu, PhD University of Michigan

AUTOBIOGRAPHY: I work on 17th century French literature, politics and culture and am currently finishing a book entitled Sunspots and the Sun King: Sovereignty and Mediation under Louis XIV. I love French food and movies.

Susan McCormick, ENGR, Bioengineering

224 SEO, 355-2148, smccorm@uic.edu, PhD University of Texas Southwestern Medical Center (jointly with UT Arlington)

AUTOBIOGRAPHY: While conducting research at Rice University studying the effects of biomechanical forces on gene expression, I worked with undergraduate students on their research projects. I assisted them in designing and setting up experiments to examine the effects of stress on bone cells. We also discussed the problems they encountered in their research and their results. My specific teaching interests are in the area of mechanical forces and molecular biology. I enjoy teaching these subjects to students in both the classroom and in the lab. When I'm not working on my research, I like to take care of my houseplants and dig in the dirt. I also enjoy running and swimming.

Suzanne McCutcheon, LAS, Biological Sciences

4100 SEL, 413-9027, Suzanne@uic.edu, PhD, University of Illinois at Chicago

AUTOBIOGRAPHY: My research centers on the contractile cytoskeleton of a eukaryotic unicellular organism, *Vorticella convallaria* as a model system to study mechanochemical motility. This contractile cytoskeleton, composed of nanofibers, contracts by a mechanism different from the sliding filament mechanisms of most other eukaryotic cells. These nanofibers contract without the expenditure of cellular energy and constitute one of the fastest biological motors. We are using molecular and cell biology approaches to characterize these unique biological nanofibers.

Beverly McElmurry, NURS, Public Health, Mental Health, and Administrative Nursing

1126 NURS, 996-3035, mcelmurr@uic.edu, EdD, Northern Illinois University

BIOGRAPHY: Dr. McElmurry pioneered the College's implementation of Primary Health Care in urban communities through nurse-led collaborative teams of trained community residents called "health advocates." This initial work combined a focus on women's health and development with improved health delivery systems. She and her colleagues currently have several funded demonstration projects: the development of comprehensive health programs in inner city schools; the Chicago Health Corps (an AmeriCorps project) which links volunteers (both lay persons and health professionals) with community organizations throughout the city of Chicago to address health issues such as asthma monitoring in schools; and the provision of HIV/AIDS risk reduction and home health care training to lay health motivators in Swaziland.

Evan McKenzie, LAS, Political Science

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David McKirnan, LAS, Psychology

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Malcolm McLelland, CBA, Accounting

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Constantine Megaridis, ENGR, Mechanical & Industrial Engineering

3035 ERF, 996-3436, cmm@uic.edu, PhD Brown University

BIOGRAPHY: Professor Megaridis is the Director of the Droplet and Particle Technology Laboratory. He earned the PhD degree in Engineering (Fluids and Combustion) from Brown University in 1987. His research interests include nanotechnology, microelectronics packaging and manufacturing, droplet and spray combustion, multiphase heat and mass transfer, and experimental diagnostics. He is the recipient of the 1997 Kenneth T. Whitby Award of the American Association for Aerosol Research, and is ASME Fellow and Associate Fellow of AIAA.

Usha Menon, NURS, Medical Surgical Nursing

718 NURS, 413-4326, umemon@uic.edu, PhD Indiana University

AUTOBIOGRAPHY: My research program is focused on developing and testing tailored interventions to increase cancer screenings in community and primary care based settings with a special emphasis on underserved populations such as the poor and ethnic minorities. I have two research studies currently funded by the National Institutes of Health and successfully completed two other research studies in 2003-04. I review manuscripts for several journals, served on national conference planning committees and as a council member of the American Cancer Society in Salt Lake City as well as an Executive Committee for the Utah Cancer Action Network. In 2002 I completed a Fellowship in the Cancer, Culture, Literacy Institute at the Lee Moffit Comprehensive Cancer Center. My publications are primarily data based and related to cancer screening research.

Christian K. Messenger, LAS, English

1920 UH, 413 2227, chrism1@uic.edu, PhD Northwestern University

AUTOBIOGRAPHY: I teach courses in American Literature, 19th Century, Modern, and Contemporary as well as courses in the relation of high culture to popular culture. My most recent book is THE GODFATHER AND AMERICAN CULTURE: HOW THE CORLEONES BECAME OUR GANG (2002). I previously investigated the subject of sport and play in American fiction from Washington Irving in 1820 to John Irving in 1990, building a research career in English on the fruits of a misspent youth in which my two fundamental loves were sports and reading novels. I'm fascinated by the interaction of fiction and history, of gender roles both in the creation of and characterization in fiction. I love the classroom and its give and take and feel best there.

Arlene Miller, NURS, Public Health, Mental Health & Administrative Nursing

1016 NURS, 996-9356, arlenem@uic.edu, PhD Northwestern University

Dr. Miller's interests include cross-cultural methods for psychosocial and biobehavioral health research, and health promotion and psychological well-being in midlife and older women/families. Her research examines individual, family and community factors that contribute to health behavior change in non-English speaking immigrant and other minority women. Her current research study, funded by NIH, National Institute for Child Health and Human Development (NICHD), investigates post-immigration adjustment and health of midlife women who are recent immigrants from the former Soviet Union. The study examines the longitudinal effect of health behaviors that moderate the impact of acculturation on health status. Current research projects include effects of acculturation and social support on exercise behavior (no abstract) and post-migration health and behavior change in midlife women

Jennifer Montgomery, A & A, Art and Design

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Donald Morrison, LAS, Biological Sciences

4102 MBRB, 996-6839, damorris@uic.edu, PhD Yale University

BIOGRAPHY: Donald Morrison received his Ph.D. in Molecular Biophysics and Biochemistry (1970) from Yale University. From 1970-73, he was a Postdoctoral Fellow with the Department of Biochemistry at Duke University. He joined the faculty at the University of Illinois at Chicago in the Department of Biological Sciences as an in 1973. In 1980, he was appointed to the faculty of UIC's Center for Genetics. He is Coordinator of the Laboratory for Molecular Biology. He received a Fogarty Center Senior International Fellowship for studies at the National Defense Research Institute's Biotechnology Center in Umea, Sweden, in 1988 and 1989. He is a member of the American Society for Microbiology, the American Association for the Advancement of Science and the Federation of American Scientists. He serves as reviewer for the National Science Foundation, National Institutes of Health, Gene, Journal of Bacteriology and Applied and Environmental Microbiology.

Norma Moruzzi, LAS, Gender & Women's Studies

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Tom Moss, LAS, English

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Robert Munman, AA, Art History

310A HH, 996-5325, munman@uic.edu, PhD Harvard University

AUTOBIOGRAPHY: My field of study is the Italian Renaissance and my particular area of research is 15th-century sculpture. I did my early work on Venetian material and in recent years I have worked on Florentine and Sieneese subjects. I have devoted several studies to tomb sculpture and to problems of optical corrections. My courses cover the fourteenth through the eighteen centuries, mostly in Italy but, for the latter period, in Europe generally.

Sohail Murad, ENGR, Chemical Engineering

206 CEB, 996-5593, murad@uic.edu, Phd Cornell University

AUTOBIOGRAPHY: My research interests are in the broad areas of classical and statistical thermodynamics. In classical thermodynamics we have developed engineering correlations based on the corresponding states principle for a range of properties such as surface tension, viscosity, and thermal conductivity for hydrocarbons, polar fluids, and electrolyte solutions.

Don Murphy, LAS, Biological Sciences

4257 SEL, 996-8087, dmurphy@uic.edu, PhD University of Iowa

AUTOBIOGRAPHY: Research interests in my laboratory include: Neuronal mechanisms underlying rhythmic behaviors; Sensorimotor integration and modulation of neuronal circuitry involved in multiple behaviors; comparative neurobiology of Molluscan feeding and development and evolution of defined neural circuits and behaviors.

Timothy Murphy, College of Medicine, Medical Education

973 CME, 996-3595, tmurphy@uic.edu, PhD Purdue University

AUTOBIOGRAPHY: My scholarly activities include the following teaching responsibilities: I teach a number of 400-level courses in genetics and medicine, sexuality and medicine, ethical issues associated with AIDS, reproductive techniques, and the ethics of health care systems. I am also responsible in the College of Medicine for helping design the interdisciplinary course in which topics in ethics and law are taught. It is my specific responsibility to see to it that core ethical topics in medicine (such as confidentiality, duty to report, informed consent, rights regarding treatment, entitlement to health care, and so on) are adequately covered. I am also the head of the Medical Humanities Program at UIC College of Medicine, which brings humanities lectures, courses, and workshops to the academic medical center. I am also co-chair of the Chancellor's Committee on the Status of Lesbian, Gay, and Bisexual Issues. This committee is charged with making recommendations that will improve the campus climate for l/g/b students, faculty, and staff.

Cheryl Nakata, CBA, Managerial Studies

2228 UH, 355-1337, cnakat1@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: My research focuses on international marketing issues, particularly as they related to strategy and organizational management. My secondary research interest is in the interaction between marketing and information technology, again from a strategy and organizational management perspective. I came to UIC as an assistant professor in 1997 after more than 15 years of work in and with small and large multinational businesses in the U.S. and abroad. I try to bring both practical and theoretical knowledge into the classroom as well as into my research, and enjoy working with undergraduates who are innately curious about how marketing works in international, multicultural settings. I have a great appreciation of the extremely diverse ethnic and linguistic backgrounds of UIC undergraduates. I want students to be proud of their heritage. In my spare time, I enjoy eating at the many ethnic restaurants in the city, traveling to other countries, and volunteering at inner city shelters.

Richard Nelson, COM, Surgery

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Leonard Newman, LAS, Psychology

1050B BSB, 413-1304, lnewman@uic.edu, PhD New York University

AUTOBIOGRAPHY: I conduct research in social-personality psychology, on topics such as attitude change, stereotyping, and prejudice, and how we form impressions of others. I am also interested in and write about the social psychology of genocide and the broad topic of hidden influences on behavior.

Brian Nichols, LAS, Biological Sciences

4152 MBRB, 996-5064, brian.p.nichols@uic.edu, PhD University of Iowa

AUTOBIOGRAPHY: My research involves an investigation into the biochemical pathways that result in the synthesis of the vitamin folate in microorganisms, especially the model organism E. coli. This pathway is a target for several antibiotics, anti fungal and anti tumorigenic compounds. I am currently focusing on the mechanisms by which E. coli becomes resistant to sulfonamide antibiotics. My research has resulted in 30 publications in microbiological journals since 1980. In addition to teaching formal courses, I have often taken undergraduates into my research lab to experience the joys and frustrations of hands-on science. I believe this experience has assisted several students in making an informed decision about research-oriented careers.

Ludwig Nitsche, ENGR, Chemical Engineering

213 CEB, 996-3469, lcn@uic.edu, PhD Massachusetts Institute of Technology

Kathleen Norr, NURS, Maternal-Child Nursing

1112 NURS, 996-7940, knorr@uic.edu, PhD University of Michigan

AUTOBIOGRAPHY: I am a health sociologist who has conducted research on primary health care innovations in both the USA and internationally, including AIDS prevention for low income African-American and Latina women in Chicago, home visiting programs for new mothers and infants in disadvantaged communities, and HIV prevention for women in Botswana and for primary school teachers in Malawi. My current research focuses on the mobilization of health workers for HIV prevention in rural communities in Malawi. I offer expertise in models of research and evaluation of health services delivery, including observation of health workers, and the development of innovative community-based models of HIV prevention and maternal-child health care.

Suzanne Oboler, LAS, Latin American & Latino Studies

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Lawrence Officer, CBA, Economics

2114 UH, 413-2341, lofficer@uic.edu, PhD Harvard University

BIOGRAPHY: Lawrence H. Officer is a Professor of Economics and former Interim Dean of the College of Business Administration at UIC. He earned his Bachelor of Arts degree at McGill University and his Master of Arts and PhD degrees at Harvard University. Professor Officer is a highly respected and prolific researcher in the fields of international economics and monetary history, with eleven books and over 100 articles, chapters in books, and book reviews. He has served as consultant to the International Monetary Fund and the Bank of Canada. Professor Officer's academic awards and honors include the College of Business Administration Alumni Awards for Distinguished Research (1994) and Distinguished Teaching (2002), in recognition of his record of continuous scholarly productivity, dedicated teaching, and service within and outside of the university.

Peter Okkema, LAS, Biological Sciences

4052 MBRB, 413-7445, okkema@uic.edu, PhD University of Wisconsin, Madison

AUTOBIOGRAPHY: I came to UIC as an assistant professor in 1995. My research focuses on organogenesis and the development of muscle cells, using the nematode *C. elegans* as a model. In my spare time, I enjoy bicycling, camping, and playing with my kids.

Teresa Orenic, LAS, Biological Sciences

4220 MBRB, 355-1452, torenica@uic.edu, PhD Northwestern University

Hayat Onyuksel, PHARM, Biopharmaceutical Sciences

358 PHARM, 996-2097, hayat@uic.edu, PhD University of London

AUTOBIOGRAPHY: I work on formulation and delivery of pharmaceutical agents such as small molecules, peptides, proteins and genes for intravenous administration. The background needed for my lab is physical chemistry and biology. Specifically, I develop targeted products for the imaging and treatment of breast cancer.

Anthony Pagano, CBA, Management

2218 UH, 996-8063, amp@uic.edu, PhD Pennsylvania State University

BIOGRAPHY: Anthony M. Pagano is an associate professor of Management at the University of Illinois at Chicago. He is also associated with the Urban Transportation Center on the campus. He also serves as an Adjunct Professor of Management and Strategy, J.L. Kellogg Graduate School of Management, Northwestern University. He did his undergraduate work at The Pennsylvania State University and also obtained his Ph.D in Economics from The Pennsylvania State University in 1978. His research and consulting has spanned several areas including privatization of public transportation, benefit-cost analysis, measurement of the output of government and service organizations, quality of service measurement in public transit, economic impact analysis, strategies for implementing computer systems in transportation, organizational consolidation and relocation analysis and the development of social indicators for business. He has also conducted research in measuring quality and efficiency in the delivery of transportation services. He has developed case studies of transportation impacts and organizational consolidation and coordination in paratransit. He is also the author of the book: External Environment of Business. Dr. Pagano has served as President of the Chicago Chapter of the Transportation Research Forum, member of the TRF National Council, and Academic Vice President of the national organization. He also served as co-founder and Co-General Editor of the Journal of the Transportation Research Forum which publishes articles of interest to academics, policy makers and practitioners. The journal has been ranked ninth in the field of US and international transportation related journals by a panel of academic researchers. He also serves as Executive Director of the Metropolitan Transportation Association which is an association of private transit operators in the Chicago metropolitan area.

Frank Paloucek, PHARM, Pharmacy Practice

16 PHARM, 996-5328, paloucek@uic.edu, PharmD Philadelphia College of Pharmacy

BIOGRAPHY: Frank Paloucek received his B.S. in Pharmacy from the University of Illinois in 1981 and his Pharm.D. from the Philadelphia College of Pharmacy and Science in 1984. Subsequently, Dr. Paloucek completed a two year clinical pharmacy residency/pharmacokinetic fellowship at the University of Illinois Hospital and College of Pharmacy Clinical Pharmacokinetic Laboratory. He is currently a Clinical Associate Professor in the Department of Pharmacy Practice and Director, Residency Programs. He is a Diplomate of the American Board of Applied Toxicology. His areas of interest include emergency medicine, pharmacokinetics and clinical toxicology.

Thomas Park, LAS, Biological Sciences

4278 SEL, 413-3020, tpark@uic.edu, PhD University of Maryland

AUTOBIOGRAPHY: Our research focuses on the neurobiology of sensory information processing, using two model systems: sound localization in echolocating bats, and orientation to touch in naturally blind naked mole-rats. We combine behavioral and physiological techniques to study these highly adapted systems, and to examine fundamental questions about sensory organization and behavior.

James Pellegrino, LAS, Psychology

1018B BSB, 355-2493, pellejw@uic.edu, PhD University of Colorado

AUTOBIOGRAPHY: Prior to coming to UIC I spent 12 years at Vanderbilt where I regularly advised talented undergraduates about their academic program from their start as freshman through their senior year, including advice about postgraduate opportunities. At UIC I regularly serve as a faculty sponsor for undergraduate independent study and directed research experiences. My teaching interests are in the areas of cognitive psychology, including memory, reasoning, problem solving, and language; in educational psychology, including assessment, testing and the uses of technology to support teaching and learning; and in the area of theories and measurement of individual differences in intelligence and cognitive abilities.

Darryl Pendleton, DENT

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Joseph Persky, CBA, Economics

2111 UH, 996-2687, jpersky@uic.edu, PhD Harvard University

Simon Pickard, PHARM, Pharmacy Practice & Center for Pharmacoeconomic Research

287 PHARM, 413-3357, pickard1@uic.edu, PhD University of Alberta

AUTOBIOGRAPHY: I teach statistics and pharmacoeconomic lectures and recitations to the professional and PharmD and graduate students at the COP. I have also advised and mentored the professional program students in independent study topics and advanced specialty clerkships. All of these experiences have been personally and professionally rewarding.

Roy Plotnick, LAS, Earth and Environmental Sciences

2454 SES, 996 2111, plotnick@uic.edu, PhD University of Chicago

AUTOBIOGRAPHY: My research interests can be characterized as eclectic. My training is as an invertebrate paleontologist, but I have also conducted research and published in ecology, petroleum geology and physics! I am interested in paleontology's contribution to our understanding of global change; the uses of fractals; artificial life and other computer models of evolution and ecology; and the processes of fossil preservation. I call myself a "theoretical and experimental" paleontologist. I teach introductory geology, paleontology, and statistical methods. My hobbies include the theater, astronomy, guitar (I play passably and sing terribly) and operating the "Yellow Brick Railroad," an American Flyer train layout.

Emanuel Pollack, LAS, Biological Sciences

327 UH, 413-2532, epollack@uic.edu, PhD University of Iowa

AUTOBIOGRAPHY: Although my research interests are in the area of developmental biology, my current efforts are largely in the administrative direction. After many years of researching nerve growth and neuron death, I changed paths toward a more administrative career. As senior associate dean in LAS, I oversee all aspects of student academic affairs for the college. My association with the Honors College has been one of long-standing and helps to assure my continuing involvement with the aspirations of students.

Richard Potter, CBA, Information & Decision Sciences

2409 UH, 996-5360, rpotter@uic.edu, PhD University of Arizona

AUTOBIOGRAPHY: My areas of interest include: executive-level IS management; virtual team interaction and performance; information technology and organizational design and change processes; judgment, decision making, and negotiation in the electronic environment; and cultural issues in global information system design and electronic commerce.

Roland Priemer, ENGR, Electrical & Computer Engineering

1123 SEO, 996-5491, rpriemer@uic.edu, PhD Illinois Institute of Engineering

BIOGRAPHY: Professor Priemer's research interests include: Digital signal processing including speech and image enhancement, restoration and recognition; adaptive filters, optimal filters and estimation algorithms in areas such as communication and control; fuzzy logic; neural networks; microprocessor-based design and applications to signal processing, instrumentation and control.

Christina Pugh, LAS, English

1914 UH, 413-7400, capugh@uic.edu, PhD Harvard University

I was trained in both the critical and creative aspects of poetry, and I'm interested in the interface between these two faculties (in writers and students). I like to encourage students' creative interests, and I try to open their horizons to the poetry of the past as well as the work of the present. I'm also very interested in ekphrasis and the larger relationship between the verbal and visual arts, which I explored in my book of poems, ROTARY (2004).

Indru Punwani, COD, Dept. of Pediatric Dentistry

252 DENT, 996-1992, ipunwani@uic.edu, DDS, University of Bergen, Bergen, Norway

BIOGRAPHY: Dr. Indru Punwani is professor and head of the Department of Pediatric Dentistry. His teaching and research interests are varied and relate to biological and behavioral aspects of the craniofacial complex of the developing child. His recent focus has been on the orofacial aspects of the premature infant. He has served as a consultant to WHO/PAHO and has been a widely invited speaker at universities in Latin America, Scandinavia and India. He is a member of OKU, Sigm XI, and numerous professional organizations and serves as a reviewer to professional journals and a consultant to the Department of Mental Health. He serves as a mentor for graduate students in pediatric dentistry pursuing their thesis research. He enjoys travel and serves as a member of the Board of Directors of the Evanston Mental Health Association.

Edmond Quillen, COM, Obstetrics and Gynecology

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Michael Ragazzino, LAS, Psychology

1042A BSB, 413-2630, mrago@uic.edu, PhD, University of Virginia

AUTOBIOGRAPHY: When I first took Psychology courses as an undergraduate I became intrigued by different theories of personality. As I continued my education, my interest in Psychology shifted to the biological aspects related to psychological function. I became particularly interested in how drugs affected the brain. Near the end of my undergraduate studies, I began working in a biopsychology laboratory examining the effects of cocaine on the brain "reward" systems. This experience had a profound impact on me in revealing the peaks and valleys of conducting research. I subsequently became interested in understanding the brain mechanisms underlying learning and memory and have been working on this problem ever since. My research focuses on understanding the brain circuitry and neurochemical mechanisms that facilitate the ability to shift strategies in rodents. Since living in Chicago, I have learned that a good cappuccino & cannoli in the morning can make one enjoy the winter months and a little limoncello every once in awhile prevents influenza.

Lynn Ragsdale, LAS, Political Science

1126C BSB, 413-2186, ragsdale@uic.edu, PhD University of Wisconsin

AUTOBIOGRAPHY: My fields of interest include: the American presidency, issues in elections, profiles of non-voters, and Congress.

Ram Ramakrishnan, CBA, Accounting

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Arkalgud Ramaprasad, CBA, Information & Decision Sciences

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John Ramsey, LAS, Classics

1216 UH, 996-5530, j-ramsey@uic.edu, PhD Harvard University

BIOGRAPHY: Dr. Ramsey's research interests include Roman Republican prose authors (Cicero and Sallust) and Roman history and law; ancient comets as reported in the Greco-Roman tradition and in classical Chinese sources.

Gary Raney, LAS, Psychology

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Mrinalini Rao, COM, Physiology & Biophysics

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Gayatri Reddy, LAS, Anthropology & Gender & Women's Studies

1820 UH, 413-5658, gayatri@uic.edu, PhD Emory University

BIOGRAPHY: Gayatri Reddy earned her Ph.D. in Anthropology from Emory University in 2001, with a dissertation entitled "With Respect to Sex: Charting Hijra Identity in Hyderabad, India." Her new research, funded by the Social Science Research Council, is on a project entitled "Queer Borders: Constructions of South Asian (male) Queer Identities in the U.S." She has also held fellowships from the Mellon Foundation, the Association for Women in Science, and the National Science Foundation.

Krishna Reddy, ENGR, Civil & Material Engineering

2091 ERF, 996-4755, kreddy@uic.edu, PhD Illinois Institute of Technology

AUTOBIOGRAPHY: I joined UIC in August of 1983. I teach geotechnical and environmental engineering courses, with special emphasis on practical aspects of real world problem solving. I am interested in performing research on geo-environmental engineering, earthquake engineering, and contaminant hydrology. Currently, my research efforts are focused on waste containment issue and hazardous waste remediation.

Jennifer Reeder, AA, Art & Design

106 JH, 996-0767, jreeder@uic.edu, MFA School of the Art Institute of Chicago

Steve Reilly, LAS, Psychology

1042D BSB, 413-2625, sreilly@uic.edu, DPhil University of York, U.K.

AUTOBIOGRAPHY: My research concerns the neural mechanisms of learning, memory and motivation. Current investigations focus on the roles of the parabrachial nucleus and the gustatory thalamus in basic learning phenomena.

Robert Reynolds, AHS, Human Nutrition

648 AHP, 996-1207, reynolds@uic.edu, PhD University of Wisconsin

AUTOBIOGRAPHY: My teaching specialties include general nutrition and graduate level courses in the micronutrients (vitamins and minerals). Although the general nutrition course averages about 400 students each semester, I try to relate the principles of nutrition to real-life experiences so that the content reaches all the students, regardless of their academic background.

Beth Richie, LAS, African American Studies

1231 UH, 996-2952, brichie@uic.edu, PhD City University of New York

Janet Richmond, LAS, Biological Sciences

4309 SEL, 413-2513, jer@uic.edu, PhD University of Calgary

Helen Roberts, CBA, Economics

2127 UH, 355-0378, hroberts@uic.edu, PhD University of Chicago

AUTOBIOGRAPHY: My fields of interest include: economic education, industrial organization, international trade and financial economics.

Christopher Rockey, AA, Architecture

3100 AA, 996-3335, crockey@uic.edu, M.Arch University of Illinois at Urbana

Prof. Rockey is the principal of Rockey Structures, LLC, in addition to being an Assistant Professor at the University of Illinois at Chicago, School of Architecture, and has over 10 years of experience in the structural engineering field from initial conception through construction phase services. Prior to teaching and starting his own practice, Mr. Rockey served as an associate for Skidmore, Owings and Merrill, an international A/E firm with over 700 employees worldwide, as well as being a Project Engineer for Halvarson Kaye Structural Engineers. His design projects have included office, residential, civic, renovation, urban, and transportation facilities.

Patrick Rousche, ENGR, Bioengineering

1032 SEO, 996-2333, rousche@uic.edu, PhD University of Utah

AUTOBIOGRAPHY: In 1985 I began my undergraduate college years to study forestry with the intent of becoming a park ranger! One trip to the Bioengineering Department at Syracuse University changed my mind and I obtained a B.S. in bioengineering in 1989. From there I attended the University of Utah to work on developing implantable brain systems to help the blind. I received my PhD in 1996. I spent two years in England as a research fellow, continuing to explore the feasibility of a visual prosthesis for the blind and expanding my interests in all matters of neural engineering. In 1998, I started a 3 years post-doctoral fellowship in neuroscience/neural engineering, eventually becoming a research assistant professor. While in Arizona, I also extensively studied the auditory systems, allowing me to envision brain implant systems that might be useful for certain segments of the deaf population. In 2002, I accepted an offer to become an assistant professor in Bioengineering at UIC. Here, I have started the Neural Engineering Applications and Development Laboratories. With space on both the main campus and medical campus, I am devoted to investigating new electrode technologies for brain implants in small animal models. In 2003 I received the BioEngineering 'Outstanding Faculty Award' from the Biomedical Engineering Student Society. I now enjoy forestry (hiking, mountain biking, gardening, rock climbing, etc.) on the weekends.

Thomas Royston, ENGR, Mechanical & Industrial Engineering

2054 ERF, 413-7951, troyston@uic.edu, PhD Ohio State

BIOGRAPHY: Professor Royston's research interests are in structural acoustics and vibrations, with applications in medical diagnostics, active sounds and vibration control, musical instruments, nondestructive testing and high-precision isolation.

Brenda Russell, Physiology & Biophysics

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Luigi Salerni, A & A, Performing Arts

1224 EPASW, 413-2198, luigi@uic.edu, MFA University of Oregon

BIOGRAPHY: Research interests include contemporary theatre performance with an emphasis on interdisciplinary collaboration with both performance and non-performance artists.

Leslie Sandlow, College of Medicine

105 CMW, 996-1200, ljs@uic.edu, MD Chicago Medical School

BIOGRAPHY: Dr. Sandlow is Head of the Department of Medical Education formerly the Center for Educational Development), at the University of Illinois at Chicago College of Medicine. Dr. Sandlow had been an adjunct member for many years and in 1993 was appointed interim head of the Department. In 1996, following a search, he became permanent Head. During his twelve years at the College of Medicine, he has served as Associate Dean for Graduate Medical Education and Continuing Medical Education; and during the last 8 years as the Senior Associate Dean for Medical Education encompassing the continuum of education throughout the four program sites of the College. In addition to his academic appointment as Professor of Medical Education, he is Professor of Medicine in the Department of Medicine. Prior to coming to UIC, in 1989 he was the Senior Vice President for Academic & Medical Affairs at Michael Reese Hospital & Medical Center and in his years at MRH he held numerous medical administrative positions as well as establishing the Educational Unit (EDU) which flourished until the hospital was sold to a for-profit chain.

David Schaafsma, LAS, English

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Jennifer Schmidt, LAS, Biological Sciences

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W. Andreas Schroeder, LAS, Physics

2348 SES, 996-2974, andreas@uic.edu, PhD Imperial College, University of London

AUTOBIOGRAPHY: I am a femtosecond spectroscopist; that is, I use ultrashort optical pulses from lasers to time-resolve directly fundamental processes occurring in nature. My interests include investigations into enzyme redox reaction dynamics and the kinematics of electrons in semiconductors and superconductors. This exciting and diverse field of research has allowed me to combine my expertise in nonlinear optics with the experience I accumulated in ultrashort pulse lasers and condensed matter physics while a postdoctoral research scientist at the University of Iowa. I hope to be able to introduce undergraduates to this ever-expanding field of research.

Dorie Schwartz, NURS, Medical Surgical Nursing & Pharmacology

760 NURS, 996-7934, schwartz@uic.edu, PhD Medical College of Virginia

AUTOBIOGRAPHY: I teach courses in the College of Nursing, College of Medicine (Medical Pharmacology), and College of Dentistry. My current research is on the effects of sex differences (gender) and sex hormones on heart function. I really enjoy teaching undergraduates about research. They are completely integrated into the laboratory and working environment. I feel that the students learn about scientific research, but possibly more important, they learn about hard work, frustration, responsibility, honesty, integrity, failure, and success.

Joan Shaver, NURS, Medical Surgical Nursing

118 NURS, 996-7808, jshaver@uic.edu, PhD University of Washington, Seattle

AUTOBIOGRAPHY: I am currently Professor and Dean of the College of Nursing. As a biobehaviorist I have had funded research in women's health for nearly two decades. I work with a team of researchers that was among the first to study sleep problems as part of menopause transition. My interests are currently focused on stress and sleep-related issues within a set of mystery conditions that disproportionately affect women, including fibromyalgia and chronic fatigue syndrome, now funded through a medical trust fund.

Scott Shippy, LAS, Chemistry

4336 SES, 996-2974, sshippy@uic.edu, PhD University of Illinois at Urbana

AUTOBIOGRAPHY: My research is focused on the interface between analytical chemistry and neuroscience. My long-term goal is to develop new tools and methods to characterize neurochemical signaling in the central nervous system of freely behaving animals to better understand neuronal function and disease. Carrying out this research requires both an understanding of innovative analytical chemistry as well as the ability to work with standard animal models. In one series of studies I explore the neurochemical basis of feeding behavior modulation at the lateral hypothalamus; in another I study the chemical composition of the retinal extracellular fluid in glaucomatous rats.

Barbara Simmons, NURS, Medical-Surgical Nursing

740 NURS, 413-0581, simmons@uic.edu, PhD Loyola University Chicago

AUTOBIOGRAPHY: I have more than 20 years of teaching experience with undergraduate nursing students in several Chicago universities, including Lewis, St. Xavier, and UIC. In all these programs I taught theory courses and/or clinical practicums in major teaching hospitals. My teaching style is reflective of my doctoral work in critical thinking/decision making. I have offered additional opportunities for learning and academic credit to students who participated in community health related service. Currently, my requirement for junior students in my nursing clinical at UIH is to access online databases for relevant research. My teaching emphasis includes pathophysiology, pharmacology, and medical-surgical nursing and I incorporate theory in all clinical experiences.

Dick Simpson, LAS, Political Science

1108D BSB, 413-3780, simpson@uic.edu, PhD Indiana University

AUTOBIOGRAPHY: I teach primarily American politics, urban politics, Chicago politics and run the internship program. I have won numerous teaching awards including 2 Silver Circles, 3 Excellence in Teaching awards, etc. I have supervised honors students, honors theses, and guest lectured in honors courses.

Georgette Sinkler, LAS, Philosophy

1409 UH, 996 2641, PhD Cornell University

AUTOBIOGRAPHY: Before joining the faculty at UIC in 1995, I taught at Syracuse University in upstate New York and at Washington University in St. Louis. My special academic interests are medieval philosophy and philosophy of religion. I also enjoy learning about French language and culture, and I have been a serious quilter since 1992.

Sivalingam Sivananthan, LAS, Physics

2360 SES, 996-5092, siva@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: My research interests are focused on the physics of heteroepitaxy of semiconductors with the aim of achieving interface engineering, which can lead to the control of a complete in-situ device process for these heteroepitaxial systems. This includes a fundamental understanding of the physics of semiconductor materials including defect formation, doping, and electronic band profiles as well as the structure of interfaces on and an atomic scale. Hence, in heteroepitaxy the understanding of the heterointerface in terms of atomic structure, electronic band profile, electric charge imbalance, and strain accommodation is indispensable.

Linda Skitka, LAS, Psychology

1055 BSB, 996-4464, lskitka@uic.edu, PhD University of California Berkeley

AUTOBIOGRAPHY After graduation from the University of Michigan, I earned my PhD in psychology at the University of California, Berkeley. From 1989 until I joined the faculty at UIC in 1994, I was a professor at Southern Illinois University at Edwardsville. My current research is investigating how attitudes that are experienced as moral convictions differ from other equally strong attitudes in shaping people's thoughts, feelings, and behavior, as well as research that explores the cognitive and motivational differences between liberals and conservatives. In general, I am interested in the how people reason about fairness (e.g., theories of distributive and procedural justice) and political psychology. See <http://tigger.uic.edu/~lskitka/Skitka.html> for more specific detail about current areas of research focus.

Robert Sloan, ENGR, Computer Science

1132 SEO, 996-2369, sloan@cs.uic.edu, PhD Massachusetts Institute of Technology

BIOGRAPHY: Interests include computational learning theory and software engineering.

Thomas Smith, CBA, Economics

2130 UH, 355-3983, tomsmith@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: I have taught economics in either a full-time or part-time capacity at several Chicago area colleges and universities. My tenure in these institutions has given me experience teaching a wide range of classes – labor economics, real estate and urban economics, industrial organization, international economics, money and banking, statistics, microeconomics and macroeconomics – and teaching students with a wide range of ability, race, and age. I enjoy the urban classes that I am currently teaching and I would look to teach courses on Economics of the Arts and Economics of Philanthropy/Non-Profit organizations.

Augustine Sohn, COM, Family Medicine

186C HHDSB, 996-0960, ajsohn@uic.edu, MD Seoul National University, MPH, University of Illinois at Chicago

AUTOBIOGRAPHY: Taking care of patients with chronic disease, like hypertension, diabetes, and obesity, I found the importance of regular exercise in adult populations. I am interested in promoting walking as a form of exercise in adult population. I am also interested in providing an atmosphere that we all can walk safely in our urban setting.

David Sokol, A&A, Art History

206 HH, 996-2607, dmsokol@uic.edu, PhD New York University

John Solaro, COM, Physiology & Biophysics

E202 MSB, 996-7620, solaroj@uic.edu, PhD University of Pittsburgh

BIOGRAPHY: Dr. R. John Solaro is currently one of 10 Distinguished University Professors at the University of Illinois at Chicago (UIC). He is also Head of the Department of Physiology and Biophysics in the College of Medicine and Co-Director of the UIC Program in Cardiovascular Sciences. Dr. Solaro has published over 170 papers in the general area of cellular and molecular mechanisms controlling the contraction of the heart, and how these mechanisms are altered in pathological conditions and by pharmacological interventions. He is currently the holder of a 10 year NIH Merit Award, and is Principal Investigator on a Program Project Grant and NIH Training Grant. He is past president of the Cardiac Muscle Society and the Association of Chairs of Departments of Physiology, and was Secretary General of the International Society of Heart Research.

Bhama Srinivasan, LAS, MSCS

526 SEO, 413 2160, srinivas@uic.edu, <http://www.math.uic.edu/~srinivas/>, PhD University of Manchester, England
AUTOBIOGRAPHY: I have been at UIC since 1980. I love Chicago, especially its rich diversity of ethnic neighborhoods, restaurants and museums. I have been teaching a variety of courses at UIC in the MSCS department, ranging from Calculus to graduate courses in Representation Theory, which is my area of research. I find it interesting and challenging to show students the beauty and power of mathematics, especially as they often think of it as a set of rules for computation. As an Honors Fellow I have enjoyed talking to my advisees and discussing the courses that they could take for their Honors Activities. I try to steer them in the direction of challenging courses. I am also interested in women's issues, and have been involved in the Association for Women in Mathematics. I attend many of the events organized by the Gender and Women's Studies Program.

Rachelle Stewart, AHS, Biomedical & Health Information Sciences

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David Stone, LAS, Biological Sciences

4002 MBRB, 996-5710, dstone@uic.edu, PhD University of Wisconsin, Madison
AUTOBIOGRAPHY: The goal of my research is to understand transmembrane signaling systems in eukaryotic cells. My scholarly activities include research, mentoring of graduate students, publication of our work, grant preparation, review of grants for NSF, review of manuscripts for various journals, attendance and presentations at scientific meetings, etc. My teaching interests include classical and molecular genetics (undergraduate level) and eukaryotic transmembrane signal transduction (graduate level).

Gerald Strom, LAS, Political Science

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Daniel Swartzman, Public Health, Health Policy & Administration

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Mo-Yin Tam, CBA, Economics

2113 UH, 413-9448, moyintam@uic.edu, PhD State University of New York at Stony Brook
BIOGRAPHY: Professor Tam's field of interests include: Diversity, Economics of Education, Digital Divide, Incentive Schemes and Pareto Optimality, Income Distribution and Welfare Implications.

Astrida Tantillo, LAS, Germanic Studies

402 UH, 413-9466, tantillo@uic.edu, PhD University of Chicago
AUTOBIOGRAPHY: My research interests are interdisciplinary and focus mainly upon eighteenth-century German literature, philosophy, and history of science. I have recently completed books on Goethe's scientific works and his novel, *Elective Affinities*. My next book project will focus on German scientific and pseudo-scientific movements of the long eighteenth century. I have taught several courses in the Honors College and have therefore had many opportunities to work with academically gifted undergraduates at UIC. I have also advised several Honors College students about study abroad programs, graduate schools, and scholarship applications. I am very interested in teaching courses on the history of ideas, natural philosophy, science and ethics, science and literature, and eighteenth-century culture.

Renee Taylor, AHS, Occupational Therapy

348 HHDSB, 996-3412, rtaylor@uic.edu
BIOGRAPHY: General research interests include developing and evaluating community-based empowerment programs for individuals with fatigue-related disabilities. Other specific scholarly interests involve the epidemiology of chronic fatigue syndrome, diagnostic labeling and illness attributions among health care workers, and the assessment of fatigue-related symptomatology, functional capacity, interpersonal stress, and resource acquisition among individuals with chronic fatigue syndrome and fibromyalgia. Additional areas of scholarly activity involve child abuse as it relates to health outcomes in a variety of chronic illness populations.

Jeremy Teitelbaum, LAS, Math, Statistics, and Computer Science

421 SEO, 996-2371, Jeremy@uic.edu, PhD Harvard University
AUTOBIOGRAPHY: I was born in New York City, grew up in Denver, Colorado, went to school in Minnesota, graduate school in Boston, and taught for four years at the University of Michigan. I have been teaching at UIC since 1990. My official area of research is Mathematics Number Theory, which, among other things, asks questions about prime numbers and solving equations using integers. I also do a lot of work with computers. I am particularly interested in taking better advantage of computer technology in teaching mathematics. I teach a range of courses in the Math Department, from calculus on up through graduate courses. I am also the Math Club faculty advisor. I am active in mathematics research in areas on the boundary between number theory and geometry. I am also very interested in applying computers to solve problems in mathematics. One particular area of interest is the theory of elliptic curves.

Mitchell Theys, ENGR, Computer Science

941 SEO, 413-9267, mtheys@uic.edu, PhD Purdue University

BIOGRAPHY: Professor Mitchell D. Theys received a Ph.D. in electrical engineering in 1999 from Purdue University. In addition, he received a Master of Science in electrical engineering in 1996, and a Bachelor of Science in computer and electrical engineering in 1993, both from Purdue University. His current research interests include: distributed computing, heterogeneous computing, parallel processing, VLSI design, and computer architecture. During his college career Dr. Theys held various intern positions with Caterpillar Inc., Compaq Computer Corporation, and Lawrence Livermore National Laboratory. In addition, during his undergraduate work he participated in the cooperative education program and worked in the Sales, Marketing, Quality Assurance, and Research & Design departments of S&C Electric Company. Dr. Theys has published several journal papers, and also had several documents reviewed and accepted at conferences such as the International Conference on Parallel Processing, and the Heterogeneous Computing Workshop. He has attended these conferences and presented his work. Dr. Theys has received support from Defense Advanced Research Projects Agency (DARPA), Intel, Microsoft, and the Armed Forces Communications and Electronics Association (AFCEA). Dr. Theys is a member of the IEEE, IEEE Computer Society, Eta Kappa Nu, and Tau Beta Pi.

Peter Thompson, CBA, Managerial Studies

2225 UH, 996-4481, pthomp1@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: My research interest is primarily in employee ownership and associated topics including leadership, corporate culture, human resource practices, and their effects on organizational outcomes. My focus is on employee stock ownership plans (ESOPs) in particular. Because ESOPs result from the intersection of human resource management and corporate finance, studying them brings together my academic and business experience. Moreover, employee ownership of companies has implications for social justice and the creation and distribution of wealth. I point out to my students that employee ownership is a win-win proposition: having fun while maximizing shareholder value – and elevating the human spirit in the process.

Charles Tier, LAS, MSCS

720 SEO, 996-2442, tier@uic.edu, PhD New York University - Courant Institute

AUTOBIOGRAPHY: I joined the UIC faculty in 1976 after completing my PhD at the Courant Institute of Mathematical Sciences at New York University. My area of interest is applied mathematics and, in particular, stochastic modeling and approximations methods. My thesis involved mathematical problems in population genetics. Subsequently, I have continued to work on problems in mathematical biology ranging from tumor growth to neurobiology. A large part of my current research has involved the performance of queuing systems that arise in the study of computer, communications and manufacturing systems. Recently, I have been working on problems in financial mathematics such as financial derivatives.

Annette Valenta, AHP, Biomedical and Health Information Science

250 AHSB, 996-1452, valenta@uic.edu, DrPH University of Illinois at Chicago

BIOGRAPHY: Dr. Valenta received her doctor of public health degree in health resources management in 1981 from UIC's School of Public Health. She has spent much of her time in developing, teaching, and managing UIC's model curriculum in informatics, which began as one of the first national federally funded graduate-level specialization in health information management. Prior to joining the University, she had been a consultant for 10 years, a business owner for five years, and a national program director at the American Hospital Association. She is interested in organizational issues of information systems, and Web-based instruction. Her teaching interests include social and organizational issues surrounding healthcare information systems.

Maria Varelas, EDUC, Education

3513 EPASW, 996-2454, mvarelas@uic.edu, PhD University of Illinois at Chicago

BIOGRAPHY: Research interests include: classroom-based teaching and learning of science in urban classrooms with linguistically and socio-culturally diverse populations, collaborative teacher action research, discourse in science classrooms, integration of science and literacy, science education reform in elementary school and college science classrooms.

Brandon Valeriano, LAS, Political Science

1147 BSB, 413-7274, bvaler@uic.edu, PhD Vanderbilt University

BIOGRAPHY: Dr. Valeriano's main research interest focuses the causes of war and peace, specifically international rivalries. His next book project is titled *Becoming Rivals*, the work is an exploration of the onset of all Interstate Rivalries from 1816-1992. He is also working on a book project classifying all interstate wars according to their characteristics and type. In addition to traditional international relations research, Dr. Valeriano is currently investigating issues pertaining to the Latino population in America including foreign policy preferences, relations with Mexico, and immigration flows. Other research interests include international relations theory, comparative European foreign policies, Latin American external relations, and territoriality.

Charles Walter, AHS, Kinesiology

B-47 AHSB, 355-1713, charles.b.walter@uic.edu, PhD University of California, Los Angeles

AUTOBIOGRAPHY: As an undergraduate student I was a psychology major and gymnast at the University of New Mexico. I combined these interests with a long-standing fascination with the life sciences by pursuing a graduate degree in kinesiology. I was fortunate to return to my hometown of Chicago in 1985 with an appointment at UIC. My research interests range from basic issues, primarily comprising dynamical modeling of interlimb coordination, to applied problems such as examining new methods for training CVA (stroke) patients to regain motor control. A scientific aside is speculating about the emergence of "bad habits" in sports and movement pathologies. A related hobby is attempting (typically unsuccessfully) to apply these speculations to ample personal frustrations in recreational sports.

Chiayeng Wang, DENT, Molecular Biology of Oral Disease

530C DENT, 996-4530, Chiayeng@uic.edu, PhD University of Calgary

AUTOBIOGRAPHY: The ultimate goal of my work, as a research scientist, is to apply knowledge gained from basic science to better understand the development and treatment in human disease. I received my PhD in Medical Biochemistry in 1988. To further my training in medical research, I moved to Boston and joined Dana Farber Cancer Institute and Harvard Medical School as a postdoctoral fellow. In the fall of 1993, I came to UIC as an Assistant Professor in the College of Dentistry. My academic appointment now is tenured Associate Professor (since 2000). While my primary activity is research oriented, I do spend substantial amounts of my time in teaching activities to a variety of audiences. My role in teaching is not, however restricted to classroom lecturing. I also use my own research lab as a training ground for undergraduate and graduate students to learn basic laboratory techniques and critical thinking.

Jim Wang, PHARM, Biopharmaceutical Science

451 PHARM, 355-1429, zjwang@uic.edu, PhD University of California, San Francisco

My research interests include the molecular and cellular mechanisms of neuropathic pain, and opioid tolerance and dependence. A number of approaches are used, ranging from molecular biology, signal transduction, molecular genetics, pharmacogenomics, mouse genetics, protein structure-function relationships, protein phosphorylation, and system neurobiology.

Duncan Wardrop, LAS, Chemistry

4446 SES, 355-1035, wardropd@uic.edu, PhD, University of Glasgow

AUTOBIOGRAPHY: As an organic chemist, my research is focused on the development of new strategies for the efficient construction of highly functionalized natural products and other molecules with useful pharmacological properties. My group's efforts towards this goal are centered on a long-term interest in the chemistry of electron-deficient reactive intermediates including metallocarbenoids, alkylidenecarbenes and nitrenium ions.

Roger Weissberg, LAS, Psychology

1008A BSB, 413-1012, rpw@uic.edu, PhD University of Rochester

BIOGRAPHY: Roger P. Weissberg, Ph.D., is Professor of Psychology and Education and Chair of the Division of Community and Prevention Research at the University of Illinois at Chicago (UIC). He is Executive Director of the Collaborative to Advance Social and Emotional Learning (CASEL). He directs an NIMH-funded Predoctoral and Postdoctoral Prevention Research Training Program in Urban Children's Mental Health and AIDS Prevention at UIC and also holds an appointment with the Mid-Atlantic Laboratory for Student Success funded by the Office of Educational Research and Improvement of the U. S. Department of Education.

Virginia Wexman, LAS, English

2009 UH, 413-2246, vwexman@uic.edu, PhD, University of Chicago

JoEllen Wilbur, NURS, Public Health, Mental Health and Administrative Nursing

606 NURS, 996-7980, jwilbur@uic.edu, PhD University of Illinois at Chicago

BIOGRAPHY: Professor and Associate Dean (Research) Wilbur is an experienced nurse researcher with expertise in women's health, health behavior and community health. She is trained and certified as a family nurse practitioner. Her program of research is focused on physical activity for reducing risks in midlife women with an emphasis on the African-American community. Her research offers a blend of behavioral measures and sophisticated laboratory procedures in assessing the symptoms and functional status of midlife women and measuring adherence to physical activity.

Jennifer Wiley, LAS, Psychology

1054D BSB, 355-2501, jwiley@uic.edu, PhD University of Pittsburgh

AUTOBIOGRAPHY: My teaching interests include cognition and development and I frequently teach the undergraduate lectures and labs on these topics. My research interests include investigations of learning and problem solving. One line of research on the Principled Design of Web Pages uses eyetracking as well as other cognitive measures to assess contexts that promote the best learning from on-line text. I also study contexts that promote better problem solving, and the effects of expertise and collaboration. I've supervised two undergraduate honors theses that were presented at national conferences. In addition, I usually have between 3 and 7 undergraduates working as research assistants as either an honors activity or for Psychology credit (Directed Research).

Diana Wilkie, NURS, Medical-Surgical Nursing

660 NURS, 413-5469, diwilkie@uic.edu, PhD University of California, San Francisco

AUTOBIOGRAPHY: Building on my clinical experience as a hospice nurse and oncology clinical nurse specialist, my research has been continuously funded for 18 years and focused exclusively on palliative care topics, namely pain and symptom management and promoting end-of-life education for health professionals. I enjoy providing opportunities for students to engage in the research process and discovery of knowledge. I also appreciate the opportunity to let students see the diverse ways nurses contribute to science. My research involves the use of informatics to improve clinical care, and I enjoy helping students explore this area of research.

Sloan Williams, LAS, Anthropology

1015 SEL, 413-59985, sloanw@uic.edu, PhD Northwestern University

Donald Wink, LAS, Chemistry

4478 SES, 413-7383, dwink@uic.edu, PhD Harvard University

AUTOBIOGRAPHY: I am developing innovations in the teaching of undergraduate chemistry. My research in chemical education is focused on the use of interdisciplinary teams to improve student understanding of chemistry. One program has developed a new curriculum for chemistry and mathematics. Another works on the introduction of perspectives from other university research and teaching programs that use chemistry. This is called the Chemical Professional Laboratory Program. Examples shown in the figure demonstrate the use of spectrophotometry in analysis of metals, blood proteins, and elements in the blood. Another incorporates the methods of a field ecologist who uses acid-base titration to determine the rate of decomposition of leaves.

David Wirtshafter, LAS, Psychology

2010 BSB, 413-2631, davew@uic.edu, PhD University of Illinois at Chicago

AUTOBIOGRAPHY: My students and I have utilized a highly interdisciplinary approach to study the brain mechanisms underlying behavior. Rather than concentrating on a particular behavioral mechanism, we have focused on specific anatomical systems in the brain and have employed every behavioral, pharmacological and anatomical tool available to us in our attempts to understand their functioning. Thus, in addition to studying the behavioral effects of lesions and intracranial injections, we have also used anatomical tracing and immunocytochemical techniques to study the structural organization of the brain systems of interest to us and have examined the activity of these structures during behavior by using in vivo microdialysis to study the release of neurotransmitters and the histological demonstration of immediate-early gene products to examine neuronal activation. Our work has focused primarily on two regions of the brain, the median raphe nucleus and the basal ganglia, which play important roles in motivation, reward and learning.

Charles Woodbury, PHARM, Medicinal Chemistry & Pharmacognosy

501 PHARM, 996-6793, woodbury@uic.edu, PhD, University of Wisconsin

Jean Woodward, PHARM, Pharmacy Administration

154 PHARM, 355-3398, jmbwood@uic.edu, PhD University of Texas, Austin

William Worek, ENGR, Mechanical Engineering

2021 ERF, 996-5610, wworek@uic.edu, PhD Illinois Institute of Technology

AUTOBIOGRAPHY: The focus of my teaching is in the area of energy, heat transfer, and heat and mass transfer processes. I teach both fundamental and applied courses in the heat transfer and energy area. Throughout the course of my teaching career, which began when I was a graduate student, I have taken pride in my ability to teach, my interaction with students inside and outside of class and by the exhibition of my enthusiasm for the material presented in courses that I teach. I have advised many undergraduate research projects and senior design projects. I have been fortunate to have some of these students decide to continue this work with me at the graduate level. I have been twice nominated for the UIC Silver Circle Teaching Award.

Milos Zefran, ENGR, Electrical and Computer Engineering

1028 SEO, 996-6495, mzefran@uic.edu, PhD University of Pennsylvania

BIOGRAPHY: Milos Zefran received diploma degrees in electrical engineering and mathematics in 1989 and 1992 respectively, and a M.Sc. in electrical engineering in 1992, all from the University of Ljubljana, Slovenia. He received a M.Sc. degree in Mechanical Engineering and a Ph.D. degree in Computer Science from the University of Pennsylvania in 1995 and 1996, respectively. He was a fellow of the Institute for Research in Cognitive Science at the University of Pennsylvania between 1993 and 1996. From 1997 to 1999 he was a NSF Postdoctoral Scholar at the California Institute of Technology. He is currently an assistant professor in the Department of Electrical Engineering and Computer Science at the University of Illinois at Chicago. His main research areas are robotics and control of hybrid systems

Julie Zerwic, NURS, Medical-Surgical Nursing

744 NURS, 996-8431, juljohns@uic.edu, PhD University of Minnesota

AUTOBIOGRAPHY: I joined the faculty at UIC in 1993. My research interests focus on the experience of cardiovascular disease, including risk factor modification and interpretation of symptoms during an acute myocardial infarction. I have recently been examining gender and ethnic differences in cardiovascular disease. I continue to practice in both the critical care setting and a community health clinic. I teach students at both the undergraduate and graduate level in a variety of different courses. Most recently, my teaching experiences have included health assessment and critical care.