

# Inside Purdue

September 4, 2008

## About this special issue

This special issue of Inside Purdue focuses on providing a welcoming recognition to new faculty members on the West Lafayette campus.

In the year leading up to and including the start of this fall semester, 126 joined the faculty at West Lafayette.

To help introduce new faculty to the Purdue community, the Office of the Provost invited them to provide mini-profiles for Inside Purdue.

Responses are arranged by school.

This issue also contains pages introducing the 2008-09 members of CSSAC and APSAC, the University governance advisory committees of and for clerical/service employees and administrative/professional employees. Listings include what area each member represents plus contact information. See pages 8-11.



## LIBRARIES

### Elizabeth M. Wilkinson

Processing and public services archivist / visiting assistant professor of library science  
Libraries  
emwilkin@purdue.edu  
Degree: M.L.S., M.A. in history (2001, Indiana Univ.)  
Previously at: Indiana State Library  
Teaching area: Special collection, rare books, preservation  
Research interests: Access and accessibility to primary sources  
Why Purdue? The opportunity to work with the primary sources in Archives and Special Collections, as well as the prospect of working collaboratively with the Libraries faculty and staff.

## AGRICULTURE

### Aryn M. Dotterer

Youth Development and Agricultural Education  
See listing under CFS

### Jeffrey S. Dukes

Assistant professor  
Forestry and Natural Resources, and Biological Sciences  
jsdukes@purdue.edu  
Degree: Ph.D., Stanford Univ.  
Previously at: Univ. of Massachusetts Boston  
Teaching area: How does nature work? How are we changing it? What are the consequences?  
Research interests: My lab studies the responses of natural systems to global environmental changes such as climate change. We conduct ecological research at the community, ecosystem, and global scales.  
Why Purdue? Great colleagues. Institutional focus on global change research. Sense of community.

### Tomas O. Hook

Assistant professor  
Forestry and Natural Resources  
thook@purdue.edu  
Degree: 2005, Univ. of Michigan  
Previously at: Univ. of Michigan

Teaching area: I emphasize holistic and synthetic teaching, with an emphasis on fish and aquatic ecology.

Research interests: I am broadly interested in why fish populations vary over space and time. I utilize a variety of methods to elucidate fish population dynamics, including simulation modeling and field studies.

Why Purdue? Purdue's mission and resources facilitate the exploration of ecological questions at the interface between basic and applied perspectives, and the state of Indiana encompasses a range of interesting aquatic ecosystems.

### T.J. (Joe) Kappock

Assistant professor  
Biochemistry  
kappock@purdue.edu  
Degree: Ph.D., 1996, Yale Univ.  
Previously at: Washington Univ. in St. Louis  
Teaching area: Biochemistry, biological chemistry, and bioinorganic chemistry.

Research interests: Mechanistic enzymology; resistance strategies in acidophilic bacteria  
Why Purdue? I have a background in chemistry departments. Moving here has placed me in a setting with smart colleagues and a much stronger biological focus.

### Torbert R. Rocheford

Professor of plant genetics  
Agronomy  
torbert@purdue.edu  
Degree: Ph.D., 1986, Univ. of Nebraska-Lincoln  
Previously at: Univ. of Illinois  
Teaching area: Teach a combined undergraduate and graduate second course in genetics with emphasis on applications.  
Research interests: Research embraces interface of maize breeding and molecular genetics. Traits include plant architecture, grain yield and grain composition; specifically grain suitability for ethanol production, and nutritional composition including provitamins A and antioxidants.

Why Purdue? I was impressed with the people on campus, importantly the congenial, collegial and cooperative atmosphere that permeates this place. That and a nice endowed chair made it very attractive.

## ■ CONSUMER AND FAMILY SCIENCES

### G. Jonathon Day

Assistant professor  
Hospitality and Tourism  
Management  
gjday@purdue.edu  
Degree: Ph.D., 2006, James Cook Univ. (Australia); M.B.A., 1997, UCLA

Previously at: Corporate  
Teaching area: Sustainable tourism and hospitality practices; international management; marketing.

Research interests: Destination branding; sustainable tourism, sustainable hospitality; destination development.

Why Purdue? I was attracted by the Purdue philosophy of world-class research and real-world problem solving. In transitioning from corporate to academia I wanted to join the premier tourism and hospitality team and contribute to its continued success.

### Aryn M. Dotterer

Assistant professor  
Child Development and Family Studies; Youth Development and Agricultural Education  
dotterer@purdue.edu  
Degree: Ph.D., 2006, The Pennsylvania State Univ.

Previously at: Postdoctoral fellow, Univ. of North Carolina

Teaching area: Child and adolescent development, families in a multicultural society, child development in the context of family relationships

Research interests: I am particularly interested in gender, race/ethnicity, and socioeconomic variations in children's and adolescents' school engagement and academic achievement, with attention to the role that families play in parenting and socialization.

Why Purdue? I am thrilled to be at a world-class university and in a department that is committed to improving the lives of children and families through research, practice and policy.

### Li Miao

Assistant professor  
Hospitality and Tourism  
Management  
lmiao@purdue.edu  
Degree: Ph.D., 2008, Penn State Univ.

Previously at:  
Teaching area: Hotel operations  
Research interests: Consumer behavior associated with service consumptions

Why Purdue? The HTM program at Purdue is one of the leading programs in the field. I am privileged to join a team with a strong commitment to teaching and research excellence.

## ■ EDUCATION

### Rachael H. Kenney

Curriculum and Instruction  
See listing under Science

### Jill A. Newton

Assistant professor  
Curriculum and Instruction  
janewton@purdue.edu  
Degree: 2008, Michigan State Univ.  
Previously at:

Teaching area: I am interested in secondary mathematics teaching and learning.  
Research interests: My research interests include the enactment of mathematics curriculum, curriculum policy, secondary mathematics teacher education, and equity in mathematics education.

Why Purdue? I chose Purdue for its strong reputation in mathematics education research and to be close to my family.

## ■ ENGINEERING

### Kartik B. Ariyur

Assistant professor  
Mechanical Engineering  
kariyur@purdue.edu  
Degree: Ph.D., 2002, Univ. of California, San Diego

Previously at: Honeywell Labs, Minneapolis

Teaching area: Control systems, systems analysis (linear, nonlinear, adaptive), measurements, signal processing, dynamics, inventive problem solving.

Research interests: Theory: Non-linear filtering, prediction and control, adaptive control, and dynamic optimization.  
Applications: Propulsion systems, sensor networks, cellular telephony, inertial navigation, health monitoring, integrated

surveillance systems, path planning.

Why Purdue? It has an environment of open communication, cross collaboration and extensive connections to industry. A location sufficiently far from major cities will help the students keep their focus.

### Cordelia M. Brown

Assistant professor  
Electrical and Computer Engineering, and Engineering Education  
brown83@purdue.edu

Degree: Ph.D. in electrical engineering, 2005, Vanderbilt Univ.  
Teaching area: My teaching interests are in digital system design, and professional development skills for engineering students.

Research interests: My research interests are in the areas of fault tolerant systems, digital system design, learning models, assessment of instructional methods, and recruitment and retention initiatives in electrical and computer engineering.

Why Purdue? I chose Purdue because of the vast opportunities to combine my electrical engineering research interests with my engineering education research interests.

### Jun Chen

Assistant professor  
School of Mechanical Engineering  
junchen@purdue.edu  
Degree: Ph.D., 2005, Johns Hopkins Univ.

Teaching area: Fluid mechanics, experimental fluid mechanics  
Research interests: Development

and application of experimental techniques in engineering and applied flow research

### L. Niklas E. Elmqvist

Assistant professor  
School of Electrical and Computer Engineering  
elm@purdue.edu

Degree: Ph.D., 2006, Chalmers Univ. of Technology, Sweden  
Previously at: INRIA, Paris, France  
Teaching area: Visualization, human-computer interaction, computer graphics, and computer game development.

Research interests: My research areas include information visualization, human-computer interaction, visual analytics, and computer graphics. I am interested in designing methods and tools that help analysts manage and understand massive datasets.

Why Purdue? Purdue has an excellent reputation with strong faculty working in my area, visualization. The campus is great and I like the atmosphere of university towns like West Lafayette!

### Sivanandan S. Harilal

Research assistant professor  
Nuclear Engineering  
harilal@purdue.edu

Degree: Ph.D. (1998, Cochin Univ. of Science and Technology)  
Previously at: Argonne National Laboratory

Teaching area: Laser technology, plasma physics, plasma diagnostics, laser-matter interaction physics

## InsidePurdue

Inside Purdue is published 10 times a year by the Office of University Periodicals for the faculty, administrative/professional and clerical/service staffs of Purdue University. Send news correspondence to the editor at the addresses below.

Inside Purdue can be read on the World Wide Web at [www.purdue.edu/per](http://www.purdue.edu/per).

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**Regular contributors of reporting and writing:** Purdue News Service; Office of News and Public Affairs, Agricultural Communication Service; ITaP Communications; Physical Facilities Communications; Human Resource Services Communications. **Design assistance:** Purdue Marketing Communications.

**Editorial Board:** David Brannan, Maggie Grogan (CSSAC), Barb Mansfield (APSAC), Jeanne Norberg, Nancy Rodibaugh, Charles Stewart.

Items for publication should be submitted to Inside Purdue, Engineering Administration Building, Room 417, 400 Centennial Mall Drive, West Lafayette, IN 47907-2016.

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Research interests: Laser-matter interaction, laser-produced plasma applications, in-situ surface characterization techniques, plasma light sources, EUV lithography, high-energy density physics, plasma diagnostics

Why Purdue? Internationally renowned university

### Brent K. Jesiek

Assistant professor  
School of Engineering Education;  
School of Electrical and Computer Engineering

bjesiek@purdue.edu

Degree: 2006, Virginia Tech

Previously at: Virginia Tech

Teaching area: Introduction to engineering; engineering cultures; engineering studies; engineering epistemologies; history and philosophy of engineering education

Research interests: Historical and social studies of electrical engineering, computer engineering, and engineering education; global engineering education and global competency; open source software and hardware; science and technology studies (STS)

Why Purdue? First, an impressive reputation and profile, both nationally and internationally. Second, opportunities for high-impact teaching and research. And third, an environment where students and faculty are challenged to succeed and excel.

### Julie C. Liu

Assistant professor  
School of Chemical Engineering  
julieliu@purdue.edu

Degree: Ph.D., 2006, California Institute of Technology

Previously at: Postdoctoral fellowship at Univ. of Massachusetts Medical School

Teaching area: Tissue engineering class with an emphasis on protein engineering and other biomolecular approaches.

Research interests: My goal is to engineer biomimetic materials that direct specific cellular responses. In particular, my research focus will design artificial proteins to direct bone and cartilage regeneration.

Why Purdue? I am excited by the strong engineering tradition and look forward to working with the bright and talented students Purdue attracts!

### Timothée L. Pourpoint

Research assistant professor  
Aeronautics and Astronautics  
timothee@purdue.edu  
Degree: Ph.D., 2005, Purdue Univ.

Previously at: Purdue Univ.  
Teaching area: Rocket propulsion (focus on liquid propellants and ignition systems)

Research interests: Rocket propulsion (ignition), high pressure systems, propellant storage (specifically hydrogen storage)

Why Purdue? Excellent engineering school and research facilities

### Ming Qu

Assistant professor

Civil Engineering

mqu@purdue.edu

Degree: 2008, Carnegie Mellon Univ.

Teaching area: Energy efficiency and sustainable building design, building control system, building energy supply system, thermal analyses, building system modeling

Research interests: Solar cooling and heating system; energy efficiency in building system; indoor air quality; sustainable and healthy built environments

Why Purdue? Purdue is an excellent engineering school.

### Anand Raghunathan

Professor  
Electrical and Computer Engineering

raghunathan@purdue.edu

Degree: Ph.D., 1997, Princeton Univ.

Previously at: NEC Research Labs, Princeton, N.J.

Teaching area: VLSI processing architectures, embedded system design, electronic design automation, low-power design.

Research interests: System-on-chip (SoC) architecture and design methodologies, application-specific and domain-specific VLSI processing architectures, embedded systems, low-power design, information security and trust in embedded system and SoC design, electronic design automation.

Why Purdue? The opportunity to work with high-caliber faculty and students, and the breadth of research expertise that makes Purdue an ideal breeding ground for interdisciplinary research.



PHOTO BY MARK SIMONS

Julie Liu, new faculty member and assistant professor of chemical engineering, discusses Discovery Park initiatives with Candiss Vibbert, associate director for engagement in Discovery Park. They were at the new faculty orientation session Aug. 21.

### Mihailo Stojnic

Assistant professor  
Industrial Engineering  
mstojnic@purdue.edu

Degree: Ph.D., 2007, Caltech

Previously at: Caltech

Teaching area: Probability, optimization, algorithms.

Research interests: My general research interests are in probability, optimization and algorithms, and their engineering applications. Particularly: convex optimization, semi-definite programming, Markov chain monte carlo (MCMC) algorithms.

Why Purdue? Purdue has a super-elite engineering program, certainly one of the best in the country and the world. The reputation of the school is impressive and my belief is that it also offers a nice, quiet but dynamic environment for great research and teaching work.

### Thanos (Athanasios)

#### Tzempelikos

Assistant professor  
School of Civil Engineering  
tzempel@purdue.edu

Degree: 2005, Concordia Univ. (Montreal, Canada)

Previously at: Concordia Univ.

Teaching area: Building science, architectural engineering, energy management, renewable and sustainable energy

Research interests: Energy efficiency in buildings, solar energy, lighting, building automation, photovoltaics, windows and glazings, reduction in greenhouse gas emissions

Why Purdue? An institution with excellent history in research. The position fits very well with my interests and future plans for interdisciplinary research in the architectural engineering area.

### Nelson A. Uhan

Assistant professor  
Industrial Engineering  
nuhan@purdue.edu  
Degree: Ph.D., 2008, Massachusetts Institute of Technology

Teaching area: Introductory courses in operations research, advanced courses in optimization.

Research interests: Operations research; in particular, combinatorial optimization, mathematical programming and their applications to scheduling, game theory, logistics, transportation, and network design.

Why Purdue? Purdue's strengths in engineering and management make it a great environment to do research in an interdisciplinary field like operations research.

### Ji Soo Yi

Assistant professor  
Industrial Engineering  
yij@purdue.edu

Degree: Ph.D., 2008, Georgia Institute of Technology

Previously at: Georgia Institute of Technology

Teaching area: Human-computer interaction, information visualization, and decision science

Research interests: Applying various human-centered computing (e.g., information visualization and decision science) technologies to the health care industry

Why Purdue? The School of Industrial Engineering at Purdue was one of the best human factor groups, and the Regenstrief Center for Healthcare Engineering appears to provide me with great opportunities.

## LIBERAL ARTS

### Daniel P. Aldrich

Assistant professor  
Political Science  
daldrich@purdue.edu  
Degree: 2005, Harvard Univ.  
Previously at: Tulane Univ.  
Teaching area: Comparative public policy, environmental politics, Japanese politics  
Research interests: Controversial facilities, "not in my back yard" politics, disaster recovery  
Why Purdue? Purdue offers a first-class, high-powered research environment with excellent faculty and students along with an affordable housing market.

### Adam E. Barry

Assistant professor  
Health and Kinesiology  
aebarry@purdue.edu  
Degree: Ph.D., 2007, Texas A&M Univ.  
Previously at: Texas A&M Univ.  
Research interests: Examining the alcohol-related behaviors, beliefs, perceptions and attitudes of college students. Additionally, examining how technology can be utilized to enhance delivery of health education content in the classroom setting.

### Rebecca G. Bryant

Assistant professor  
Patti and Rusty Rueff Department of Visual and Performing Arts  
rgbryant@purdue.edu  
Degree: M.F.A. in dance, 2002, UCLA  
Previously at: Missouri State Univ.  
Teaching area: I am a dance artist specializing in modern dance technique, improvisation, somatic methods and interdisciplinary performance. Currently I am investigating the applications of Alexander Technique and Developmental Movement in dance training and dance making.

Research interests: My recent projects include collaborations with visual artists, poets, actors and musicians as well as solo works that combine text, technology and dance. My research includes investigations in ensemble improvisation.

Why Purdue? Purdue is active in research and creative endeavor and at the forefront of interdisciplinary connections.

### Laura J. Claxton

Assistant professor  
Health and Kinesiology  
ljclaxton@purdue.edu  
Degree: 2007, Univ. of Massachusetts Amherst  
Teaching area: Motor development, perceptual development, and cognitive development.  
Research interests: My research explores motor and cognitive development in young children. Current projects investigate how motor behaviors can be influenced by cognitive factors.

### H. Kory Cooper

Assistant professor  
Anthropology  
hkcooper@purdue.edu  
Degree: 2007, Univ. of Alberta  
Previously at: Univ. of Calgary  
Teaching area: Native North America, hunter-gatherers, archaeology, archaeometry  
Research interests: My research focuses on the technology of native people in northwestern North America, especially the use of metals in Alaska, the Yukon Territory, the Northwest Territories, and British Columbia both before and after the arrival of Europeans.

### Michael R. Johnston

Assistant professor  
English  
mjohnst@purdue.edu  
Degree: 2007, Ohio State Univ.  
Previously at: Univ. of North Texas  
Teaching area: Middle English literature, the history of the book, theories of textual editing.  
Research interests: Medieval romance, late medieval manuscript culture, the history of the book, and Marxist literary theory.  
Why Purdue? Purdue has a strong, nationally recognized program in Medieval and Renaissance studies. Moreover, the faculty have been nothing but welcoming to me. Who could ask for a better combination?

### Jennifer L. King

Assistant professor  
Visual and Performing Arts  
kingj@purdue.edu  
Degree: Ph.D., 2007, Indiana Univ.  
Previously at: TCU  
Teaching area: History of music in the Western European "classical" tradition from the Middle Ages through the present day.  
Research interests: 16th-century Italian madrigal, dialogue, humor in music  
Why Purdue? I have the opportunity to pursue my research in Renaissance music and the pedagogy of music history. And I get to teach some of the brightest students in the world.

### Seungyoon Lee

Assistant professor  
Communication  
seungyoon@purdue.edu  
Degree: Ph.D., 2008, Univ. of Southern California  
Teaching area: Organizational communication, social network theories and methodologies, communication technologies  
Research interests: Organizational and social networks, organizational ecology, knowledge sharing, network dynamics, information and communication technologies and social development  
Why Purdue? Excellent research university, opportunities for interdisciplinary/international collaboration

### Xin Luo

Assistant professor  
Speech, Language, and Hearing Sciences  
luo5@purdue.edu  
Degree: Ph.D., 2005, Univ. of Science and Technology of China  
Previously at: House Ear Institute  
Teaching area: Speech processing, speech perception, auditory psychophysics, amplification, and cochlear implants.  
Research interests: Enhancing speech perception of cochlear implant users in challenging listening conditions, especially their recognition of supra-segmental speech information, such as lexical tones and vocal emotions.  
Why Purdue? Because of the strong, multidisciplinary research and clinical background of the department

### Robyn Malo

Assistant professor  
English  
rmalo@purdue.edu  
Degree: Ph.D., 2007, The Ohio State Univ.  
Previously at: Austin College, Texas  
Teaching area: Chaucer, Gower, Hoccleve, Lydgate, medieval devotional literature and culture, reformation studies.  
Research interests: Published on Chaucer and on later medieval devotional literature. Current research includes a monograph about literary depictions of saints' relics, as well as articles on Lollardy and books of hours.  
Why Purdue? Purdue has a very rare combination: collegiality and scholarly rigor. The Department of English combines these (crucial) qualities effortlessly!

### Sean C. Newcomer

Assistant professor  
Health and Kinesiology  
snewcome@purdue.edu  
Degree: 2004, The Pennsylvania State Univ.  
Previously at: Univ. of Missouri  
Teaching area: Exercise physiology, cardiovascular physiology  
Research interests: Mechanisms underlying the heterogeneous distribution of atherosclerosis throughout the peripheral vasculatures.  
Why Purdue? Tremendous resources and an excellent collaborative environment.

### Derek Pacheco

Assistant professor  
English  
dpacheco@purdue.edu  
Degree: 2006, UCLA  
Previously at: California State Univ., Fullerton  
Teaching area: Please see research category below.  
Research interests: My research and teaching interests include gender and American Transcendentalism; gender and print culture; history of the book studies; popular culture; race, class, and gender in 18th and 19th century American literature; American women's writing; and the American novel.  
Why Purdue? I admire the way that Purdue combines the goals of liberal arts college with the resources and responsibilities of a public research university



dedicated to serving the needs of its diverse student and faculty bodies.

### Matthias Steup

Professor and department head  
Philosophy  
steup@purdue.edu  
Degree: 1985, Brown Univ.  
Previously at: St. Cloud State Univ.  
Teaching area: Epistemology: the analysis of knowledge, skepticism, perception. Metaphysics: Particularly free will and determinism.

Research interests: The nature of knowledge and reasonable belief, refuting skepticism, perception as a source of justification, coherence vs. foundational theories of justification, the question of whether belief is subject to voluntary control.  
Why Purdue? Purdue's Philosophy Department has an excellent doctoral program, a flourishing major, and an outstanding faculty of devoted scholars and teachers. Being the head of Philosophy will be a fascinating and rewarding challenge for me.

### Anu Subramanian

Clinical assistant professor  
Speech, Language, and Hearing Sciences  
subramaa@purdue.edu  
Degree: Ph.D., 2001, Univ. of Illinois  
Previously at: Clinical position in Massachusetts  
Teaching area: Preschool stuttering, early intervention (birth to 3), speech and language development  
Research interests: Evidence-based practice, preschool stuttering, early intervention (intervention methods, efficacy)  
Why Purdue? Very friendly faculty at the department; hope to be able to combine clinical and research worlds; opportunities to grow!

### Emily E. Tyson

Clinical assistant professor  
Speech, Language, and Hearing Sciences  
etyson@purdue.edu  
Degree: M.S., 1997, Univ. of North Carolina at Chapel Hill  
Previously at: Kennedy Krieger Institute in Baltimore  
Teaching area: My primary interest

is autism spectrum disorders, including preparing students clinically for working with children diagnosed with ASD.  
Why Purdue? The position at Purdue was an excellent opportunity for me to grow and develop as a professional, work with students, and join a well-known department and great university.

### Shannon M. Van Hyffe

Clinical assistant professor  
Speech, Language, and Hearing Sciences  
svanhuff@purdue.edu  
Degree: Au.D. (Clinical Doctorate of Audiology), 2003, Ball State Univ.  
Previously at: Ear, nose, throat physician practice  
Teaching area: I provide clinical supervision of audiology graduate students.  
Why Purdue? Purdue offers a great opportunity for me to work with students as well as see a large variety of clinic patients. My weekly schedule has variety and opportunity to stay current in my field.

### Sigrid Zahner

Assistant professor  
Art and Design  
szahner@purdue.edu  
Degree: M.F.A., 2007, Vermont College of Fine Art  
Previously at: Purdue  
Teaching area: Mastering materials, understanding and transcending their physical properties is a metaphor for everything in life. I aim to develop creative thinkers no matter what their major.  
Research interests: Ceramics is my discipline, not just my medium. It is the perfect springboard for any form of sculpture, video work and new media. I am interested in using such a humble material to address age-old questions such as war, religion and human judgment in a non-didactic way, to allow for the poetics of ambiguity.  
Why Purdue? Purdue's international reputation as a research institution enables me, as a faculty member, to keep one foot strongly rooted in the exploration of my field while providing the opportunity to share my experience with the next generation of creative thinkers.

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Presents

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**P**urdue University's Krannert School of Management welcomes Ben Stein as guest speaker at the eighth annual Krannert Leadership Speakers Series. Enjoy dinner, networking opportunities, and the chance to learn from a modern-day Renaissance man.

Thursday, October 23, 2008 • 6:30 p.m. • Purdue Memorial Union, West Lafayette, Indiana

#### INFORMATION & TICKETS

Tickets for Purdue faculty, staff, and students: \$25 each

Contact: Tim Newton ■ Phone: (800) 893-4108; (765) 496-7271 ■ Fax: (765) 494-4360 ■ E-mail: tnewton@purdue.edu  
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## ■ MANAGEMENT

### Yong Bao

Associate professor  
Economics  
ybao@purdue.edu  
Degree: 2004, Univ. of California, Riverside  
Previously at: Temple Univ. (2007-2008), Univ. of Texas at San Antonio (2004-2007)  
Teaching area: Econometrics, time series  
Research interests: Econometric theory, finite sample econometrics, time series, empirical finance  
Why Purdue? Great colleagues, good research environment, and a nice town for the family.

### Jeffrey J. Reuer

Professor of management  
Krannert School of Management  
jreuer@purdue.edu  
Degree: Ph.D. in management, 1997, Purdue Univ.  
Previously at: Univ. of North Carolina  
Teaching area: I teach M.B.A. core courses on competitive strategy and corporate strategy, as well as electives on strategic investment decisions and strategic alliances.  
Research interests: I am interested in organizational governance and how firms design and manage their external corporate development activities, including international joint ventures and acquisitions.  
Why Purdue? In my field, Purdue has an great reputation internationally, both for its research tradition over the years and for its current group of scholars. My wife and I met at Purdue 15 years ago and are excited to come back to the university and area.

### Sangwoo Shin

Assistant professor of management  
Krannert School of Management  
shin58@purdue.edu  
Degree: Ph.D., 2008, Univ. of Rochester  
Previously at:  
Teaching area: Marketing management, marketing research, database marketing and pricing  
Research interests: Quantitative marketing models, Bayesian statistics and consumer learning  
Why Purdue? The Krannert School of Management is one of the top research schools!

### Justin L. Tobias

Professor  
Economics  
jltobias@purdue.edu  
Degree: 1999, Univ. of Chicago  
Previously at: Univ. of California, Irvine; Iowa State Univ.  
Teaching area: Econometrics, Bayesian econometrics  
Research interests: Bayesian econometrics, simulation-based inference  
Why Purdue? Department and university quality

## ■ PHARMACY, NURSING AND HEALTH SCIENCES

### Azza H. Ahmed

Assistant professor  
Nursing  
ahmedah@purdue.edu  
Degree: Doctoral degree in Nursing Science (DNS), 1997, Univ. of Cairo, Egypt  
Previously at: Univ. of Cairo  
Teaching area: Teaching life-span growth and development, pediatric nursing clinical and theoretical for graduate and undergraduate students. Also interested in teaching socio-cultural classes.  
Research interests: Effect of breastfeeding education on breastfeeding practices and premature infants' health. Factors that affect mothers' breastfeeding self-efficacy.  
Why Purdue? Excellent environment for teaching, learning, and research.

### Laurie L. Parker

Assistant professor  
Medicinal Chemistry and Molecular Pharmacology  
llparker@purdue.edu  
Degree: Ph.D., 2003, Univ. of Glasgow, Scotland  
Previously at: Univ. of Chicago, postdoctoral fellow  
Teaching area: Organic, biomolecular and bioanalytical chemistry. I especially enjoy working with non-chemistry majors.  
Research interests: Creating and using chemical tools to better understand and reveal patterns in biological signaling, particularly in cancer.  
Why Purdue? There is an amazing amount of truly interdisciplinary, collaborative work going on with high-quality faculty investigators and students. Open-minded people moving science forward!



Elizabeth Wilkinson, processing and public services archivist, and visiting assistant professor of library science, reviews the Data Digest at new faculty orientation Aug. 21 in the West Faculty Lounge, Purdue Memorial Union.

PHOTO BY MARK SIMONS

## ■ SCIENCE

### Saugata Basu

Professor  
Mathematics and Computer Science  
sbasu@math.purdue.edu  
Degree: 1996, Courant Institute of Mathematical Sciences, New York Univ.  
Previously at: Georgia Institute of Technology  
Teaching area: Real algebraic geometry, algebra, computational algebra and geometry.  
Research interests: Real algebraic geometry, discrete and computational geometry.  
Why Purdue? Excellent faculty, great environment for research.

### Fabrice Baudoin

Associate professor  
Mathematics  
fbaudoin@math.purdue.edu  
Degree: Ph.D., 2002, Univ. Paris 7  
Teaching area: I like teaching mathematics to students.  
Research interests: I do research in mathematics and more precisely in probability theory.  
Why Purdue? Purdue is a great university that gives students chances to learn and to develop their minds.

### Guang Cheng

Assistant professor  
Statistics  
chengg@stat.purdue.edu  
Degree: 2006, Univ. of Wisconsin  
Previously at: Visiting assistant professor at Duke, postdoctoral fellow at Statistical and Applied Mathematical Sciences Institute  
Teaching area: Statistical inference and data analysis, mathematical

statistics, asymptotic statistics, empirical processes and semiparametric inference

Research interests: Asymptotic statistics, empirical processes, semiparametric inference, model selection

Why Purdue? The department at Purdue is recognized as one of the top statistics programs in the country (ranked top 10). Moreover, my research interest perfectly matches this program.

### Jeffrey S. Dukes

Biological Sciences  
See listing under Agriculture

### Rachael H. Kenney

Assistant professor  
Mathematics / Curriculum and Instruction (joint)  
rhkenney@purdue.edu  
Degree: Ph.D. in mathematics education, 2008, North Carolina State Univ.

### Charles E. Killian

Assistant professor  
Computer Science  
ckillian@purdue.edu  
Degree: Ph.D., 2008, Univ. of California, San Diego  
Previously at: Duke Univ.  
Teaching area: Teaching students to reason critically and evaluate research, using fundamentals of computer science and math.  
Research interests: The design and implementation of useful, dependable, high-performance, large-scale distributed computer systems.  
Why Purdue? Purdue is a top-quality computer science university in a desirable geographic location.



**Peijun Li**

Assistant professor  
Mathematics  
li241@math.purdue.edu  
Degree: Ph.D., 2005, Michigan State Univ.  
Previously at: Univ. of Michigan  
Teaching area: I would enjoy teaching lower-division courses on engineering mathematics, linear algebra, calculus, differential equations, and numerical methods. Also courses in partial differential equations, numerical analysis, and scientific computation, at both the graduate and undergraduate level.  
Research interests: My research area is applied and computational mathematics with an emphasis on modeling, analysis, and computation for direct and inverse scattering problems in electromagnetics and optics, as well as on numerical solutions of inverse problems in partial differential equations. I am also interested in the development of fast treecode algorithms for biomolecular electrostatic interactions including simulations of molecular dynamics and moleculesolvent interactions.

**Vishwanathan Swaminathan Venkata Narayana**

Assistant professor  
Statistics and Computer Science  
vishy@stat.purdue.edu  
Degree: Ph.D., 2002, Indian Institute of Science  
Previously at: NICTA, Australia  
Teaching area: Machine learning, optimization, data structures and algorithms  
Research interests: Machine learning, data mining, algorithmics, exponential families, graphical models, optimization.  
Why Purdue? Strong focus on interdisciplinary research, exciting new hires, and overall great direction in which the university is approaching large-scale data analysis.

**Yulia Pushkar**

Assistant professor  
Physics  
ypushkar@purdue.edu  
Degree: Ph.D., 2003, Free Univ. Berlin  
Previously at: Lawrence Berkeley National Laboratory  
Teaching area: In my biophysics

course, students will be introduced to physical descriptions of a wide range of phenomena, from molecular and cell mechanisms to the function of the human brain.

Research interests: My research interests are in biophysics and energy research. I apply X-ray spectroscopy and electron paramagnetic resonance to study biological and catalytic systems capable of converting sunlight into chemically stored energy. My other area of interest is neuroscience. I apply X-ray imaging and X-ray spectroscopy to study involvement of the heavier metals in the development of neurodegenerative diseases.  
Why Purdue? It is a large research university with variety of modern research facilities and high quality of graduate students.

**Lyudmila V. Slipchenko**

Assistant professor  
Chemistry  
lslipchenko@purdue.edu  
Degree: 2005, Univ. of Southern California  
Previously at: Iowa State Univ.  
Teaching area: Graduate courses: computational quantum chemistry, quantum chemistry; undergraduate courses: physical chemistry and general chemistry  
Research interests: My research interest is to develop and subsequently apply robust computational tools that will facilitate accurate and revealing investigations of chemical and biological processes in an environment.  
Why Purdue? Chemistry at Purdue is a friendly and collaborative department with good facilities and resources.

**Adam Wasserman**

Assistant professor  
Chemistry  
awasser@purdue.edu  
Degree: 2005, Rutgers Univ.  
Previously at: Harvard Univ.  
Teaching area: Help students develop their potential to (1) understand chemistry (and love it!), and (2) be independent thinkers.  
Research interests: Advance the frontiers of theoretical chemistry by: (1) Developing new theoretical tools to understand the attosecond behavior of electrons in molecules, and

(2) Extending the range of applicability of density functional methods to the realm of resonances.

Why Purdue? Because of the collegiality I sensed during my visits to the Chemistry Department. I think Purdue provides everything that is needed to develop a successful research program in a wonderful academic environment.

**TECHNOLOGY****Sarah J. George**

Continuing lecturer  
Computer Graphics Technology at Richmond  
sjgeorge@purdue.edu  
Degree: M.A. in architecture, 2003, Miami Univ.  
Previously at: Indiana Univ.  
Teaching area: To promote positive learning and motivation. To recognize different learning approaches. To share my knowledge and experience.  
Research interests: My research interest is within the architectural field. My current specific research is with BIM (building information modeling), discovering how to generate and manage building data through complex software.

**Jay B. Hedden**

Visiting assistant professor  
Aviation Technology  
jbhedden@purdue.edu  
Degree: B.S., 1997, Purdue Univ.  
Previously at: United Airlines  
Teaching area: Help develop new sophisticated teaching methods employing computer-interfaced education modules to promote quality education off campus as well as on campus.  
Research interests: To utilize the wealth of knowledge here at Purdue to promote and develop alternate fuel(s) and fuel systems for modern jet engines to reduce our dependence on foreign oil  
Why Purdue? Purdue has been educating people since 1869 and its reputation precedes itself. The aviation and aeronautical programs are unrivaled in the United States, and I'm proud to be part of that legacy.

**Bryan J. Hubbard**

Assistant professor  
Building Construction Management  
bhubbard@purdue.edu

Degree: Ph.D., 1994, Texas A&M  
Previously at: Purdue Univ.  
Teaching area: All aspects of construction including safety, labor relations, and mechanical systems.  
Research interests: Workforce issues including safety and education, recruitment and retention, and technical issues related to mechanical systems and energy usage.  
Why Purdue? As a Purdue alumnus, I'm proud to be here teaching. Purdue is a great university with a well-respected program in construction.

**Todd R. Kelley**

Assistant professor  
Industrial Technology  
trkelley@purdue.edu  
Degree: 2008, Univ. of Georgia  
Previously at: Ball State Univ.  
Teaching area: Pre-engineering, design, K-12 STEM education, technology education  
Research interests: Cognition in design and problem solving. Design as a method of teaching and learning. STEM education and the global economy.  
Why Purdue? During the interview season, I had five interviews and I had five job offers. I selected Purdue because it appeared to be an atmosphere that fosters cross collaboration from various disciplines. This is critical for a research university that seeks to remain competitive in a global society.

**Eric P. Kukula**

Visiting assistant professor and senior biometric researcher  
Industrial Technology  
kukula@purdue.edu  
Degree: Ph.D., 2008, Purdue Univ.  
Previously at: Purdue Univ.  
Teaching area: Biometric technology, automatic identification and data capture (aidc), industrial technology and distribution  
Research interests: Biometrics, specifically the human-biometric sensor interaction, or HBSI, which involves how humans, sensors, and environmental conditions impact the design and underlying performance of biometric devices and systems.  
Why Purdue? The opportunities here are endless due to the students, research facilities, and the reputation that Purdue has due to the great faculty and alumni.

# Clerical and Service Staff Advisory Committee 2008-09

CSSAC's 23 members represent areas of the University. They carry views and concerns from C/S staffers to the administration and relevant committees, and they help disseminate information. CSSAC and its subcommittees meet monthly.

CSSAC's programs, conducted through the subcommittees, include

the Bridge, grants, and discounts at area businesses. CSSAC members also have seats or liaison roles in University-wide bodies.

The capsules on these pages show name, department, contact information, area represented, end of term, and CSSAC subcommittee seats followed by representation elsewhere in the University.



## Elaine Bahler

Libraries  
HIKS ... 49-48753  
ebahler@purdue.edu  
Rep.: CSSAC Dist. 1 (2010)  
Cmte.: Communications,  
Employee Discount; Child Care  
Advisory



## Cathy Barker

Financial Aid  
SCHL ... 49-45095  
cabarker@purdue.edu  
Rep.: CSSAC Dist. 1 (2010)  
Cmte.: PEAP; Recycling



## Dana Beck

Admissions  
SCHL ... 49-40709  
dsbeck@purdue.edu  
Rep.: CSSAC Dist. 1 (2011)  
Cmte.: PEAP; Spring Fling



## Emily Branson

Purdue Libraries  
STEW ... 49-63693  
ebranson@purdue.edu  
Rep.: CSSAC Dist. 1 (2009)  
Cmte.: Grants; OnePurdue  
User Support [OPUS] Advisory  
(alternate)



## Minta Burns

Hall of Music  
ELLT ... 49-63117  
burnsm@purdue.edu  
Rep.: CSSAC Dist. 4 (2011)  
Cmte.: Membership, PEAP;  
Voluntary Benefits



## Gary Carter

Operations and Maintenance  
PFSB ... 49-67876  
glcarter@purdue.edu  
Rep.: CSSAC Dist. 3 (2009)  
Cmte.: Bridge; University Senate



## Philip Cederquist

Housing and Food Services  
HFS-HR ... 49-47408  
pcederquist@purdue.edu  
Rep.: CSSAC Dist. 4 (2009)  
Cmte.: Employee Discount; Staff  
Appeals Traffic



## Cynthia Dalton

Mechanical Engineering  
ME ... 49-47320  
cdalton@purdue.edu  
Rep.: CSSAC Dist. 1 (2009)  
Cmte.: Bridge; Campus Cam-  
paign Steering, HR Advisory  
(alternate)



## Alan Farrester

Grounds  
BSG ... 49-63326  
farreste@purdue.edu  
Rep.: CSSAC Dist. 3 (2010)  
Cmte.: Employee Discount,  
Communications; Campus Safety,  
Univ. Parking & Traffic



## Marsha Griner

Housing and Food Services  
SHRV ... 49-42575  
griner@purdue.edu  
Rep.: CSSAC Dist. 4 (2010)  
Cmte.: Communications, Grants;  
Spring Fling



## Margaret Grogan

Engineering Admin.  
ARMS ... 49-45345  
mgrogan@purdue.edu  
Rep.: CSSAC Dist. 1 (2009)  
Cmte.: Chair of CSSAC; Member-  
ship, Communications; Fac-  
ulty Compensation, OnePurdue  
Advisory



## Kelly High

University Collections  
SCHL ... 49-45362  
kjhigh@purdue.edu  
Rep.: CSSAC Dist. 2 (2011)  
Cmte.: PEAP, HR Advisory

## CSSAC districts

CSSAC representation is by district:

- District I: Academic Schools and Divisions Report to the Provost and the Director of Intercollegiate Athletics.
- District II: Office of the Board of Trustees, President, Executive Vice President and Treasurer, and Internal Audit. All Departments reporting to the Vice President for Business Services and Assistant Treasurer, Senior Vice President for Advancement, Vice President for Human Relations, Vice President for Information Technology, Vice President for State Relations, and Vice President for University Relations.
- District III: Departments Reporting to the Vice President for Physical Facilities.
- District IV: Departments Reporting to the Vice President for Housing and Food Services.
- District V: Regional campus representatives from Indiana University-Purdue University Fort Wayne, Purdue Calumet and Purdue North Central.

Contact your representative for information or to ask a question. Or visit [www.purdue.edu/cssac](http://www.purdue.edu/cssac).



# Clerical and Service Staff Advisory Committee 2008-09



**Daniel Hinrichs**  
Building Services  
BRCK ... 49-6-1944  
hinrichd@purdue.edu  
**Rep.:** CSSAC Dist. 3 (2011)  
**Cmte.:** Grants, Membership;  
Voluntary Benefits, Non-smoking  
Policy



**Cecilia Kajer**  
PNC Academic Business Dept.  
PNC-TECH ... (219) 785-5263  
ckajer@pnc.edu  
**Rep.:** CSSAC Dist. 5: Purdue  
North Central



**Deborah Luedtke**  
Chemical Engineering  
FRNY ... 49-44050  
dpmcdani@purdue.edu  
**Rep.:** CSSAC Dist. 1 (2011)  
**Cmte.:** Bridge; Martin Award,  
Campus Safety



**Randall Luff**  
HFS - Hawkins Hall  
HAWK ... 49-47179  
rkuff@purdue.edu  
**Rep.:** CSSAC Dist. 4 (2009)  
**Cmte.:** Bridge; Staff Appeals  
Traffic



**Matthew Marks**  
Operations and Maintenance  
PFSB ... 49-40234  
mwmmarks@purdue.edu  
**Rep.:** CSSAC Dist. 3 (2010)  
**Cmte.:** Vice chair of CSSAC;  
Membership, Bridge, Communi-  
cations; Inside Purdue, Recre-  
ational Sports



**Louise Misegades**  
IPFW Consumer and Family Sci.  
NF ... (260) 481-6562  
misegadl@ipfw.edu  
**Rep.:** CSSAC Dist. 5: Indiana  
University-Purdue University Fort  
Wayne



**Kim Muldoon**  
Engineering Advancement  
ARMS ... 49-43127  
muldoonk@purdue.edu  
**Rep.:** CSSAC Dist. 1 (2009)  
**Cmte.:** Membership, Employee  
Discount; Health Plan Advisory



**Ila Muller**  
Calumet Educ. Opportunities  
SFLC ... (219) 989-2727  
muller@calumet.purdue.edu  
**Rep.:** CSSAC Dist. 5: Purdue  
Calumet



**Jaylene Nichols**  
Space Mgmt. and Acad. Sched.  
ENAD ... 49-43901  
nichols1@purdue.edu  
**Rep.:** CSSAC Dist. 1 (2010)  
**Cmte.:** PEAP, Communications;  
OnePurdue User Support [OPUS]  
Advisory



**Amanda Schmidt**  
ITaP Customer Relations  
STEW ... 49-42135  
schmidag@purdue.edu  
**Rep.:** CSSAC Dist. 2 (2010)  
**Cmte.:** Membership, Employee  
Discount; Univ. Parking & Traffic



**Doris Wilkinson**  
Admissions  
SCHL ... 49-40709  
djwilkin@purdue.edu  
**Rep.:** CSSAC Dist. 1 (2009)  
**Cmte.:** Grants, Martin Award

## Emeritus member

An emeritus member stays with CSSAC one year after completing a term to provide insight and perspective to new members. An emeritus member does not vote or sit on committees. The 2008-09 emeritus member is Jamie Hendershot.

## CSSAC subcommittees

Six subcommittees form the core of CSSAC. They are:

- **Bridge:** Provides a confidential mail service for clerical and service staff to address concerns, problems, or suggestions. Each signed submission receives a confidential, personal reply.
- **Communication:** Fosters communications between CSSAC, C/S staff and the University as a whole. Coordinates CSSAC presentations.
- **Employee Discount Program:** Solicits area businesses to offer a discount program to West Lafayette faculty, staff and official retirees. An up-to-date listing of participating businesses is on the CSSAC Web site, in Inside Purdue, and on a wallet-size card distributed annually to each employee.

- **Grants:** Focuses on establishing dependent and employee grants from the money collected from designated athletic events, vending machine sales and employee contributions.
  - **Membership:** Seeks, receives and helps ensure completeness of information in applications for CSSAC seats. Conducts applicant interviews, selects new members, conducts orientation.
  - **Purdue Employees Activity Program (PEAP):** Plans and sponsors trips and events to various locales and/or functions which would be of interest to the staff of the University.
- CSSAC members also sit on a number of University committees. More about subcommittee and committee assignments is online at [www.purdue.edu/cssac](http://www.purdue.edu/cssac).

# Administrative and Professional Staff Advisory Committee, 2008-09

APSAC's 25 members represent areas of the University. They carry views and concerns from A/P staffers to the administration and relevant committees, and they help disseminate information. APSAC and its subcommittees meet monthly. APSAC sponsors forums, a speaker

series, other events and a professional development grant program.

The capsules on these pages show name, end of term, department, contact information, area represented, and APSAC subcommittee seats and seats or liaison roles on University bodies.



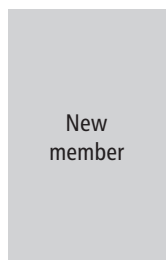
**Susan Byers** (2011)  
IPFW Business Mgmt. Sciences  
KT ... (261) 481-6472  
byerss@ipfw.edu  
**Rep.:** IP Fort Wayne (primary)  
**Cmte.:** Membership & Staff Relations



**Sabina Calhoun** (2009)  
Coop. Extension Svc., Franklin, Ind.  
(317) 736-7842  
scalhoun@purdue.edu  
**Rep.:** Agriculture, Extension  
**Cmte.:** Membership & Staff Relations



**Terry Chance** (2011)  
Research and Professional Devel.  
LAWS ... (219) 989-3264  
chance@calumet.purdue.edu  
**Rep.:** Purdue Calumet (primary)  
**Cmte.:** Professional Development



**Michelle Davis** (2011)  
Student Services  
SCHL ... 49-41629  
davisma@purdue.edu  
**Rep.:** Student Services  
**Cmte.:** TBD



**Cherry Delaney** (2010)  
IT Infrastructure  
YONG ... 49-61288  
cdelaney@purdue.edu  
**Rep.:** Information Technology  
**Cmte.:** Vice chair of APSAC; Communications, Membership & Staff Relations; Univ. Parking & Traffic, Voluntary Benefits



**Bonnie Fox** (2011)  
Chemistry  
BRWN ... 49-45229  
bfox@purdue.edu  
**Rep.:** Science  
**Cmte.:** Compensation & Benefits; OnePurdue Support & Training



**Marsha Freeland** (2011)  
Engineering Admin.  
ARMS ... 49-45349  
mjfreeland@purdue.edu  
**Rep.:** Engineering  
**Cmte.:** Professional Development



**Leigh Fuller** (2011)  
Success Through Education  
SWRZ ... (219) 785-5370  
lfuller@pnc.edu  
**Rep.:** Purdue North Central (primary)  
**Cmte.:** Compensation & Benefits



**Michelle Gilhooly** (2011)  
Calumet Conference Center  
CNTR ... (219) 989-3171  
gilhooly@calumet.purdue.edu  
**Rep.:** Purdue Calumet (secondary)  
**Cmte.:** Professional Development



**Kathy Heath** (2011)  
Advancement  
DAUC ... 49-62144  
heathk@purdue.edu  
**Rep.:** Advancement, Athletics, Grad School, Human Relations, Research, Govt. Relations  
**Cmte.:** Membership & Staff Relations; Spring Fling



**Nicholas Howell** (2011)  
Human Resource Services  
FREH ... 49-43295  
nshowell@purdue.edu  
**Rep.:** Business Services, Internal Audit, Executive VP & Treasurer  
**Cmte.:** Compensation & Benefits



**Sally Luzader** (2011)  
Management Admin.  
RAWL ... 49-44541  
luzaders@purdue.edu  
**Rep.:** Consumer and Family Sciences, Management  
**Cmte.:** Compensation & Benefits



**Barbara Mansfield** (2010)  
Ofc. of University Architect  
FREH ... 49-67389  
bjmansfield@purdue.edu  
**Rep.:** Physical Facilities  
**Cmte.:** Communications, Compensation & Benefits; Inside Purdue



**Kevin Maurer** (2010)  
University Residences  
SMLY ... 49-42640  
krm@purdue.edu  
**Rep.:** Housing and Food Services  
**Cmte.:** Membership & Staff Relations



**Mollie Pennock** (2011)  
University Development Office  
DAUC ... 49-47627  
mbpennock@purdue.edu  
**Rep.:** Advancement, Athletics, Grad School, Human Relations, Research, Govt. Relations  
**Cmte.:** Professional Development

**Contact your representative for information or to ask a question. Or visit [www.purdue.edu/apsac](http://www.purdue.edu/apsac).**

## **Emeritus members**

An emeritus member stays with APSAC one year after completing a term to provide insight and perspective to new members. An emeritus member does not vote. The 2008-09 emeritus members are Kristie Bishop, Michael Budzik and Daniel Leaird.



# Administrative and Professional Staff Advisory Committee, 2008-09



**Pamela Phegley** (2010)  
Veterinary Medicine admin.  
LYNN ... 49-66809  
phegley@purdue.edu  
**Rep.:** Veterinary Medicine  
**Cmte.:** Communications, Professional Development; Health Plan Advisory



**Tim Riley** (2010)  
Bursar / HOVD ... 49-45367  
tdriley@purdue.edu  
**Rep.:** Business Services, Internal Audit, Exec. VP & Treasurer  
**Cmte.:** Comp. & Benefits; OnePurdue Change Mgmt. and Communic. Advisory, Faculty Comp. and Benefits contact



**Linda Rose** (2011)  
Libraries  
STEW ... 49-46730  
lrose@purdue.edu  
**Rep.:** Ofc. of President, areas reporting directly to provost  
**Cmte.:** Professional Development, Campus Safety



**Steve Santy** (2009)  
Information Technology  
YONG ... 49-61287  
ssanty@purdue.edu  
**Rep.:** Information Technology  
**Cmte.:** Compensation & Benefits; Recycling



**Leonard Seidel** (2009)  
Purdue Memorial Union  
PMU ... 49-48903  
lfseidel@purdue.edu  
**Rep.:** Housing and Food Services  
**Cmte.:** Chair of APSAC; Professional Development, Communications; Martin Award, Spring Fling



**Mark Sobers** (2011)  
Ofc. of Indiana State Chemist  
BCHM ... 49-40186  
sobers@purdue.edu  
**Rep.:** Agriculture, Extension  
**Cmte.:** Compensation & Benefits



**David Tate** (2009)  
Health Sciences  
CIVL ... 49-41392  
dgtate@purdue.edu  
**Rep.:** Pharmacy, Nursing and Health Sciences; Technology  
**Cmte.:** Professional Development, Communications



**Janice Whisler** (2011)  
PNC - Admissions  
TECH ... (219) 465-1814  
jwhisler@pnc.edu  
**Rep.:** Purdue North Central (secondary)  
**Cmte.:** Compensation & Benefits



**Ed Wiercioc** (2011)  
Education Admin.  
BRNG ... 49-46658  
wiercioc@purdue.edu  
**Rep.:** Liberal Arts, Education  
**Cmte.:** Professional Development



**Christina Wilson** (2011)  
Animal Disease Diagnostic Lab  
ADDL ... 49-47466  
wilsonc@purdue.edu  
**Rep.:** Agriculture, Extension  
**Cmte.:** Membership & Staff Relations



**Joseph Zadik** (2009)  
Materials Engineering  
MSEE ... 49-44118  
zadik@purdue.edu  
**Rep.:** Engineering  
**Cmte.:** Membership & Staff Relations, Communications; Campus Safety

## Other University committees

APSAC is represented on a number of University-wide committees. Descriptions and member assignments are online.

- Campus Safety Task Force.
- Faculty Compensation & Benefits.
- Health Plan Advisory Committee.
- Inside Purdue Editorial Board.
- Martin Award.
- OnePurdue Change Management & Communications Advisory Committee.
- OnePurdue Human Resources Advisory Committee.
- OnePurdue Support and Training.
- Parking and Traffic.
- Recycling.
- Spring Fling.
- Staff Appeal Board for Traffic Regulations.
- University Senate.
- Voluntary Benefits Task Force.

## Subcommittees

Four subcommittees form the core of APSAC. Fuller descriptions and member lists are at [www.purdue.edu/apsac](http://www.purdue.edu/apsac).

■ **Communications:** Composed of liaison members from the three other subcommittees. Publicity, the Web site and communication to A/P staff.

■ **Compensation & Benefits:** Current salary structures, health benefits, leave policies, retirement issues, and other related concerns of A/P staff.

■ **Membership & Staff Relations:**

Membership recruitment, election of officers, member unity and relations with A/P staff.

■ **Professional Development:** Career-related issues including orientation and training. Forums and guest speakers, including Richard Hadley Professional Development events. APSAC professional development grants to A/P staff.

The Executive Committee is made up of the APSAC chair, the vice chair, the chair of each of the four subcommittees, and resource staff members.

Continued from page 7

### Chien-tsung Lu

Associate professor  
Aviation Technology  
ctlu@purdue.edu  
Degree: Ph.D., 2003, Univ. of Nebraska  
Previously at: Univ. of Central Missouri  
Teaching area: Aviation law, aviation safety, air transportation, systems safety and risk management.  
Research interests: Aviation policy, risk analysis and safety management model, and airline safety rating.  
Why Purdue? This is a great research-oriented university with international reputation. Boilermakers rock!

### Brandeis H. Marshall

Assistant professor  
Computer and Information Technology  
brandeis@purdue.edu  
Degree: 2007, Rensselaer Polytechnic Institute  
Previously at: Purdue Univ., Cyber Center  
Teaching area: Database management systems  
Research interests: Knowledge management, information/image retrieval and algorithms  
Why Purdue? I chose Purdue for two reasons: talented fellow colleagues with a collaborative mindset and expectational caliber of students.

### Eric T. Matson

Assistant professor  
Computer and Information Technology  
ematson@purdue.edu  
Degree: Ph.D., 2008, Univ. of Cincinnati  
Previously at: Wright State Univ.  
Teaching area: Software development, intelligent systems, applied artificial intelligence  
Research interests: My area of research encompasses multiagent systems, sensor networks and software engineering and the applications of these areas.

Why Purdue? Purdue is an excellent land-grant university with unlimited opportunity for research collaboration across many disciplines, outreach and service to the public and teaching.

### Shimon K. Modi

Director of Research, Biometric Standards, Performance and Assurance Laboratory / post-doctoral research associate  
Industrial Technology  
shimon@purdue.edu  
Degree: Ph.D. in technology, 2008, Purdue Univ.  
Previously at: Purdue Univ.  
Teaching area: Biometrics, information security, applied research  
Research interests: Application of biometric technologies, statistical analysis of biometric systems, information security, standards development  
Why Purdue? Purdue offers the ability to work with researchers from various fields and transfer research to industry. The biometrics lab at Purdue is widely respected, and the opportunity to be associated with its cutting-edge research made me choose Purdue.

### John H. Mott

Continuing lecturer  
Aviation Technology  
jhmott@purdue.edu  
Degree: M.S.E.E., 1988, Univ. of Alabama  
Previously at: Purdue Univ. (visiting assistant professor of aviation technology)  
Teaching area: Aviation management and operations courses from introductory to graduate levels.  
Research interests: Aviation safety, statistical modeling of the National Airspace System, and application of developing technologies to distance education.  
Why Purdue? Purdue has a world-class reputation and tradition in the field of aviation technology, and it is clear that the people in all areas of the program are the reason.

### Randy R. Rapp

Associate professor  
Building Construction Management  
rrapp@purdue.edu  
Degree: Dr. Mgmt., 2002, Webster Univ.  
Previously at: Assn. for Advancement of Cost Engrg. Intl.; Halliburton-KBR; Milwaukee School of Engineering; Southern Illinois Univ. Edwardsville; U.S. Army Engineers  
Teaching area: Disaster restoration and reconstruction management, especially; construction management, generally.  
Research interests: I'd like to develop cross-discipline initiatives to better teach students and the construction industry how to react to large natural or man-made disasters. This would include security concerns. I believe the COT is moving along these research lines to some extent.  
Why Purdue? An opportunity to grow, to take on additional challenges that a good, but small, university cannot offer.

### Mark Shaurette

Assistant professor  
Building Construction Management  
mshauret@purdue.edu  
Degree: Ph.D., 2007, Purdue Univ.  
Previously at: Purdue Univ.  
Teaching area: Management of demolition and reconstruction activity, emerging communication technologies for education, learning styles.  
Research interests: Energy conservation, sustainable construction practices, material reuse and recycling, as well as emerging communication technologies for education and construction practice.  
Why Purdue? Superior Building Construction Management program

### Jeffrey C. Sprankle

Clinical assistant professor  
Computer and Information Technology  
jcsprankle@purdue.edu  
Degree: Master's, 2001, Purdue Univ.

Previously at: Purdue Univ.  
Teaching area: Networking and routing technologies, computing technology, network management and security  
Research interests: Previous research in cable modem security, networking, advanced routing and network security.  
Why Purdue? Two degrees from Purdue, a love of the campus, a love of the College of Technology and family across the river.

## ■ VETERINARY MEDICINE

### Jean M. Poulson

Radiation oncologist / associate professor  
Veterinary Clinical Sciences  
jpoulson@purdue.edu  
Degree: D.V.M., 1992; Ph.D., 2001, Colorado State Univ.  
Previously at: Duke Univ., Tufts Univ.  
Teaching area: Radiobiology and radiation oncology, communication, leadership.  
Research interests: Comparative oncology studies in pets with spontaneous tumors to benefit both the pets and human patients with similar diseases. Response of normal tissues to radiation therapy. Tumor physiology and imaging.  
Why Purdue? The opportunity to be involved in the cutting-edge cancer discovery programs on campus, as well as the top-flight teaching and clinical programs.

### Tracy H. Vemulapalli

Clinical assistant professor / director, BSL3 Laboratory  
Comparative Pathobiology  
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Degree: 1998, VA-MD Regional College of Veterinary Medicine  
Previously at: Purdue Univ. (residency, laboratory animal medicine)  
Teaching area: Veterinary microbiology, comparative/laboratory animal medicine  
Research interests: Infectious disease and zoonoses (e.g., leptospirosis, brucellosis); animal models of disease  
Why Purdue? High level of scholarship and outreach in a family-friendly environment.