

# PSYCH ♦ NOTES

College of Arts & Sciences Alumni Association

Vol. 15 No. 2/Spring 2010

## NOW & THEN

a look at our faculty



The makeup of our faculty has changed drastically since 1965. Can you name everyone in this photo? Send responses to:

PSYCHNOTES  
1101 E. 10TH ST.  
BLOOMINGTON, IN 47405

or [porterjl@indiana.edu](mailto:porterjl@indiana.edu).

The first correct response will receive a prize.

**Seated:** Preston Garraghty, Jim Craig, Heather Bradshaw, John Bates, Richard Viken, Jason Gold, Brian O'Donnell, Sharon Brehm, Meredith West, Linda Smith, William Hetrick, B.J. Rydell, Linda Hoke Sinex  
**Standing:** Sharlene Newman, David Pisoni, John Kruschke, Mike Jones, Richard Shifrin, George Rebec, Steven Sherman, Josh Brown, Susan Jones, Peter Todd, Scott Thompson, Robert Goldstone, Aina Puce, Ken Mackie, Amy Holtzworth-Munroe, Ed Hirt, Tom Busey, Bill Timberlake, Cara Wellman, Dale Sengelaub, Robert Nosofsky



## Wasserman to collaborate on \$35.5 million project



Courtesy of Indiana University

Professor Stanley Wasserman, left, chair of the Department of Statistics, and informatics professor Alessandro Vespignani, will work with researchers from ten other institutions on a \$35.5 million Army Research Laboratory study.

Rudy Professor of Psychology **Stanley Wasserman**, who is also chair of the IU Department of Statistics, is collaborating in a \$35.5 million Army Research Laboratory project with School of Informatics and Computing professor Alessandro Vespignani.

The two will work with researchers from 10 additional universities and corporations to study social and cognitive networks.

Their work over the next five years will focus on dynamic processes in networks and also on the study of organizational networks and how knowledge is spread from peer to peer in the modern military.

They will receive \$850,000 during this period and expect to receive equivalent funding for an additional five years as their work proceeds.

The Army Research Laboratory has named the following corporate and academic partners on the project: Rensselaer Polytechnic Institute, IBM Corp., Northeastern University, and City University of New York.

Along with IU, Harvard University, Massachusetts Institute of Technology, New York University, Northwestern University, University of Notre Dame, and University of Maryland will participate.

## Craig an 'Editor's Pick'

An article coauthored by **Jim Craig** was a Weekly Editor's Pick in the journal *Public Library of Science Biology*. The study, titled, "Touch neurons have a good sense of direction," explores a new concept of the somatosensory system.

In this study, carried out at Johns Hopkins University, monkeys were presented with moving tactile patterns. The patterns were generated on a 400-point stimulator and presented to the monkey's finger pad. Recordings were made from single cells in the monkey's brain (somatosensory cortex). Cells were found that responded to movement in one direction — for example, from left to right across the finger pad, but not in the opposite direction. Many of these cells resemble those that respond to visual motion in that changing the shape of the patterns did not affect the cell's sensitivity to motion. Moreover, the sensitivity to the cells to tactile movement was similar to the sensitivity shown by human observers when presented with the same patterns.

## Sengelaub receives distinguished teaching award

**Dale Sengelaub** was awarded the Herman Frederic Lieber Memorial Award for Teaching Excellence. The award was originally sponsored by the Indiana University Foundation and is now sponsored by Mrs. Herman Lieber of Indianapolis.

Sengelaub is known in the department for engaging both graduate and undergraduate students. He's created specialized courses, including "Introduction to Neurosci-

ence," aimed at non-science majors, and "Sex on the Brain." Chair **Linda Smith** attributes much of the success of the department's new undergraduate major in neuroscience to his hard work.



Sengelaub

Aaron Bernstein

## Recent faculty honors & awards

**Brian D'Onofrio** was one of five recipients of the 2010 Junior Faculty Awards. Winners receive \$14,500 from the IU Office of the Vice Provost for Faculty and Academic Affairs and the Office of the Vice Provost for Research. The award enables boosts research and recognizes junior professors who have devoted considerable time to IU's teaching, research, and service missions.

**Anne Prieto**, **Ed Hirt**, and **John Kruschke** recently received Trustee Teaching Awards for excellence in undergraduate and graduate teaching.

Chancellor's Professor **Eliot R. Smith** received a grant from the National Science Foundation to support his research on "Person perception, reputations, and shared information in the social network context" over a period of three years. The project begins in February 2010.



*Photo feature*

## P357 students work in local schools

*Photos by Jenny Porter*

**“Am I too fat?”**

**“Is she really my friend?”**

**“What should I do if I’m bullied?”**

These are just a few questions that might go through the minds of the adolescent group studied in a new psychology course.

**Linda Hoke-Sinex** is teaching *The Psychology of Adolescent Girls* with Teaching Assistant **Patricia Crouch**. The course looks at psychological changes that occur in girls as they progress through adolescence, applying both scientific and theoretical knowledge of development.

But the undergraduates in this course don’t just read and talk about these issues. They get first-hand accounts during visits to local middle schools. Each week, at these service-learning sites, IU students discuss a weekly topic with middle school girls.

Service-learning courses like this one use experiential education to benefit both the students and the affiliated sites.



*P357 students Torrey Byrd and Ryan Stadnik lead a discussion with girls at a Bloomington school as part of the course *The Psychology of Adolescent Girls*.*

# Research shows complex diets can lead to failure

Dieting isn't always easy—and the harder it is, the more likely you may be to give up.

A recent study by Professor **Peter Todd** and Stanford's Jutta Mata compared the dieting behavior of women following different diet plans to analyze the success of dieting. They found that people who thought their diet plans were more complicated were more likely to drop the diet sooner.



Todd

“For people on a more complex diet that involves keeping track of quantities and items eaten, their subjective impression of the difficulty of the diet can lead them to give up on it,” Todd said.

The plans used in the study were *Brigette*, a simple popular German diet that provides shopping lists and requires the dieter to follow a meal plan, and *Weight Watchers*. The latter assigns point values to various food products and asks the dieter to eat only a certain number of points per day. The study included 390 women recruited from German-language Internet chat rooms focused on weight management.

## TODD'S DIET STUDY

- 390 women studied
- *Weight Watchers* vs. *Brigette* (a German diet plan)
- Results: dieters succeed when following a set meal plan, rather than keeping track of points-per-day.



# Cognitive Computing Lab research funded by Google

Assistant Professor **Michael Jones's** Cognitive Computing Laboratory received a \$50,000 seed grant from Google Research to study perceptually grounded semantic models in Internet searching.

Jones' lab focuses on computational and experimental studies of semantic representation in humans and machines, with a general interest in understanding the mechanisms used by the human brain to learn, represent, and use environmental information to structure knowledge.

Google's interest in Jones' research stems from his work on integrating human and machine models of semantic representation. Internet search engines rely on sophisticated statistical models to “understand” the meanings of online documents. But because they are not human, they must guess at the relationship between the meaning of a document and what the user wants to find. Humans, on the other hand, have built their knowledge by integrating a variety of sources over the lifetime, including language experience, perceptual



Jones

Jenny Porter

Research by Michael Jones may help Google integrate human qualities in Internet search functions.

interaction, and affordances.

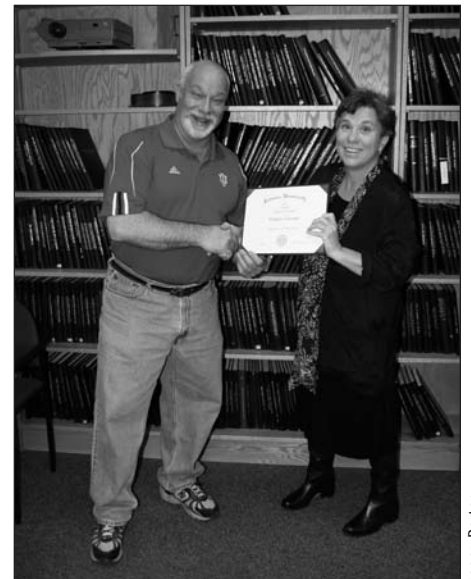
By integrating human and machine models, Jones' work aims to base information retrieval on human-embodied cognition, allowing Google to understand how things look, feel, and sound as well as how they are used in language.

# Staff members honored for service

Several department staff members earned pins for their longtime service to Indiana University. **Roger Rhodes**, research associate and software/network support specialist, was honored for 35 years of service. **Bill Freeman**, electronics specialist, and **Sheryl Mobley**, office services coordinator, both celebrated 25 years of service. **Lee Deckard**, instrument designer, received a 10-year pin.



Bill Freeman



Jenny Porter

Department Chair Linda Smith presents certificates to staff members Sheryl Mobley and Bill Freeman. Roger Rhodes and Lee Deckard were also honored.

*Photo feature*

## 2009–2010 Psi Chi Alumni-Community Dinner



*Students in the Psi Chi Honor Society attended a dinner with alumni and other community members in various fields on March 10. Alumni discussed the career opportunities available for psychology graduates, and students made valuable networking connections with guests.*



Photos by Meg Nickless

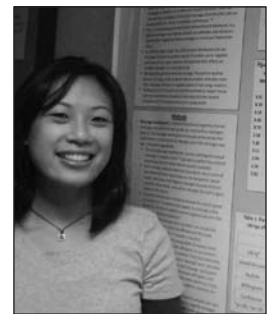
## Johns awarded for best student paper

Cognitive science PhD student **Brendan Johns** recently won the Castellan Award for Best Student Paper at the Society for Computers in Psychology Annual Conference in Boston. The 39th annual meeting was held in Boston.

Johns received his bachelor's degree in computing science and cognitive science from Queen's University. He currently works in **Michael Jones'** Cognitive Computing Laboratory. Johns' interests are in the area of learning and memory, computational models of cognition, and intelligent systems for knowledge abstraction in large textbases.

## Students honored at Women in Science Research Conference

Graduate student **Kathryn Macapagal** received first place in the graduate division at the 12th Annual Women in Science Research Conference for her presentation, "Developing eroticized safe-sex messages to improve condom use attitudes in college men and women." Macapagal works in the Sexual Psychophysiology Lab, which is directed by **Julia Heiman**, professor and director of the Kinsey Institute for Research in Sex, Gender, and Reproduction.



Jenny Bass

*Kathryn Macapagal earned a first place finish in the graduate division.*

Two undergraduate psychology students also placed in the conference. **Prianka Chilukuri** was named first place undergraduate in the Natural Science category for "Behavior and striatal electrophysiology in R6/1 mouse model of Huntington's Disease." **Leigh Hardy** received second place in the Social Science category for "When words collide: Naming errors in young children."

## Before 1960

**Thomas F. Weisz**, BA'57, is the author of *In the Face of Fear: The True Story of the Weisz Family*, published by AuthorHouse. The book recounts Weisz's childhood in war-ravaged Budapest, and his family's attempts to escape Nazis and gangs of hoodlums, aided by a compassionate black marketer. Weisz, a representative of Spencer Winston Securities Corp., lives in Miami.

## 1960s

**Virginia Burrs Binder**, PhD'67, is a professor of psychology at California State University, Long Beach. In July she was honored as one of three recipients of the 2009 Distinguished Faculty Advising Awards at CSULB. The award is given to members of the university's faculty for sustained excellence in advising. Binder was recognized and presented with the award at the 2009 University Achievement Awards ceremony, a special end-of-the-year celebration honoring top faculty and staff for their services and success during the academic year. She became the Psychology Department's undergraduate adviser in the late 1980s working to ensure that psychology majors stay on track for graduation and are well prepared to find jobs or continue their studies after graduating.

## 1970s

**Rose Lass Mercer**, BA'73, is a readjustment counseling specialist for the Veterans Administration. In December 2008 she received a National Certification for Gambling Counselor, Level II. She currently works with the Gambling Treatment Program at the Brecksville Veterans Administration Medical Center near Cleveland. It is the only in-patient program in the VA. Mercer lives in Fairlawn, Ohio.

**Frank J. Deveau**, BA'76, JD'80, and **Steven C. Shockley**, BA'78, JD'84, of the law firm Taft Stettinius & Hollister have been named as 2010 Indiana Super Lawyers by *Law & Politics* magazine. The list acknowledges the top 5% of Indiana lawyers based on peer evaluation, professional achievement, and recognition. Deveau is a partner and director with the firm and his practice focuses on environmental litigation. Shockley is an attorney whose practice focuses on business litigation. Both live and work in Indianapolis.

## 1980s

**Ethan E. Gorenstein**, PhD'81, is an associate clinical professor of behavioral medicine in psychiatry and the clinical director of the behavioral medicine program in the Depart-

*Alumni spotlight*

## Mason uses social networks in research

**Winter Mason**, PhD'07, returned to Bloomington in February to talk to students and faculty about his current work as a postdoctoral researcher for Yahoo! Research. Mason, who currently lives in Queens, N.Y., studied both psychology and cognitive science during his time at IU.

In Mason's talk, he encouraged psychologists to start using social media platforms as a way to gather data. For example, he used a Facebook application to ask people questions about their own political attitudes, as well as questions about what they thought their friends' political attitudes were. Much like other viral applications, when one person answered a question about a friend, that




friend would be asked to answer the same questions.

"This looked at how similar friends are relative to strangers, how similar they perceive each other to be, and how accurate they are," Mason said. "Unsurprisingly, friends were more similar to each other than random strangers."

There was no evidence, however, that these "friends" actually knew each others' political attitudes, according to Mason. They simply made inferences about what their friends believe. "This tends to be accurate, but doesn't imply that they know the underlying truths," Mason said.

By discussing this example and others, Mason hopes to inform social science researchers that tools like social media are available to all. He says these platforms are easy, quick, and low-cost ways to run surveys.

ment of Psychiatry at Columbia University in New York City. He specializes in cognitive-behavior therapy for the treatment of psychological problems in both children and adults, including generalized anxiety, phobia, obsessive-compulsive disorder, panic disorder, post-traumatic stress disorder, adjustment and relationship difficulties, eating disorders, anger problems, habit disorders, and depression. Gorenstein is the author of *The Science of Mental Illness* and co-author of *Case Studies in Abnormal Psychology*. He performs research on cognitive-behavior therapy for the treatment of anxiety, depression, and anger, and is a member of the editorial board of the journal, *Cognitive and Behavioral Practice*. Gorenstein's wife, Margaret (Troy), BA'71, MA'79, has been a publishing consultant for more than 15 years. She specializes in copyright clearance for textbooks in the areas of literature and the social sciences and previously worked as copyright and permissions director at Random House in New York City. The couple lives in Metuchen, N.J.

**Lorraine Sappington Bervaldi**, BA'83, MS'84, has worked as a mental health counselor in Key West, Fla., for 20 years.

**Lauren Wekstein Gabovitch**, Cert/BA'84, is a community resource specialist at the Carl J. Shapiro Clinical Center in Brookline, Mass. She met her husband, Bill, BA'84,

at IU in 1981. An account of their first date at Butterfields restaurant recently appeared in the "Dinner With Cupid" dating column of the *Boston Globe*. The couple has two children and lives in Newton, Mass.

## 1990s

**Amy Doggette Waterman**, BA'92, is an assistant professor of medicine at Washington University School of Medicine in St. Louis. She is a health psychologist who is nationally recognized for her work with kidney transplant patients, particularly in improving access to information and options for those who might benefit from kidney transplants. Waterman lives in St. Louis.

**Scott L. Baylin**, BS'96, is a dentist for Leikin & Baylin Dental Care in Catonsville, Md. In September he received a community outreach award for his charity work in Catonsville. Baylin lives in Reisterstown, Md.

**Jonathan F. Yates**, BS'97, JD'01, is a patent attorney for the law firm Liell & McNeill in Bloomington, Ind. He and his wife, Mandy (Renschler), BA'00, MLS'08, welcomed a daughter, Audrey Liesl, in July. The family lives in Bloomington.

**Martin W. Zivitz**, BA'97, JD'00, has become a partner at the Barnes & Thornburg law firm in Indianapolis. A member of the firm's business department, his practice

## Alumni notebook

(continued from page 8)

includes business and corporate matters such as mergers, acquisitions, dispositions of businesses, entrepreneurial services, venture capital and private equity investments, and a wide variety of other complex transactions. Zivitz lives in Carmel, Ind.

**Kimberly Bradburn Swigert**, BS'98, is a physician assistant at Indiana Radiology Partners in Indianapolis. She and her husband, Brent, welcomed their first child, Isabelle Morgan Swigert, on March 9. The family lives in Indianapolis.

**Quinn D. Weaver**, BA'99, is a self-employed Web developer in Berkeley, Calif., where he also lives.

## 2000s

In December, Gov. Mitch Daniels and the Indiana Humanities Council presented four IU alumni with the 2009 Governor's Award for Tomorrow's Leaders. The awards were presented to **Kylie A. Pepler**, BA'02, an assistant professor in the IU School of Education in Bloomington; **Alane B. Summers**, BS'05, manager of corporate events for the Greater Indianapolis Chamber of Commerce; **Robert N. Gough**, BS'07, chief executive officer of Bidaroo, an auction-based Web company he founded to support not-for-profit organizations; and **Mari Yamaguchi**, who attended IUPUI, a producer and community liaison for television stations WXIN and WTTV in Indianapolis. Established in 2003, the Governor's Award honors Hoosiers between ages 19 and 29 who strive for and attain excellence as entrepreneurial leaders, volunteers, and scholars. Each honoree received \$1,000 from Vectren Corp. to be used as an educational scholarship or donated to a charity of the honoree's choice.

**Steven J. Hoover**, BA'03, MLS'08, is an instruction and liaison librarian at Trinity University in San Antonio, Texas, where he lives.

**Caroline A. Kiszka**, BS'04, is completing a doctorate in clinical psychology at the University of Indianapolis and plans to graduate in 2010. She did her clinical internship at IUPUI Counseling and Psychological Services.

A double major in psychology and biology while at IU, Kiszka lives in Greenwood, Ind.

**Yasmin S. Schnayer**, BS'04, has joined the law firm Husch Blackwell Sanders as an associate in the intellectual property department. Schnayer earned her law degree from Chicago-Kent College of Law in 2009, receiving two Center for Computer-Assisted Legal Instruction Excellence for the Future Awards. The CALI awards are presented to students at Chicago-Kent College of Law who earn the highest grade in each class each semester. Prior to law school, Schnayer worked as an environmental communications analyst for SRS Technologies, spending part of her time as a defense contractor to the U.S. Office of the Deputy Undersecretary of Defense for Installations and Environment. Schnayer lives and works in Chicago.

**Teresa K. Pegors**, BS'05, has been working at Carnegie Mellon University in a research lab that studies how infants acquire language. Last fall she entered a PhD program in cognitive neuroscience at the University of Pennsylvania. Her career goal is to become an academic performing brain research.

**Meredith C. Heine**, BA'06, is a market coordinator and outside sales representative for Black and Decker in Fishers, Ind. She lives in New Haven, Ind.

**Megan L. Tsupros**, BA'07, is a science teacher for Teach for America at the Community Services West Career Academy in Chicago. She is completing a master's degree in teaching from National-Louis University and plans to graduate this spring.

**Jennifer A. Lippitt**, BA'07, is the assistant director of special events for the Harvard Medical School in Cambridge, Mass. She plans symposia, award dinners, donor receptions, board meetings, and gala events. Lippitt also plans alumni events in Boston, New York, Los Angeles, San Francisco, Washington, D.C., and Indianapolis. Originally from St. Paul, Minn., she lives in Brookline, Mass.

## Of note

### Samuelson honored with early career award

**Larissa Samuelson**, BS'93, PhD'00, was recently honored by the American Psychological Association with an award for Early Career Contribution in Developmental Psychology.

Samuelson worked with **Linda Smith** as a PhD student and completed her undergraduate honors thesis with **Richard Shiffrin**. She is currently an assistant professor in the Department of Psychology at University of Iowa.

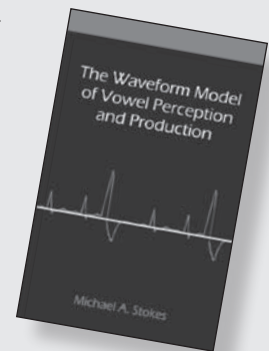
### Alumnus writes book on vowel perception, production

**Michael Stokes**, BA'86, recently published *The Waveform Model of Vowel Perception and Production*. The book, available on Amazon.com, presents a model derived from visual cues identified in waveform displays.

A self-taught programmer, Stokes now works as a senior application programmer for the Indiana Gaming Commission. Through his business, Waveform Communication LLC, Stokes also has begun working with other organizations to pursue business applications from the model.

In addition to these pursuits, Stokes has worked with the Alaska Whale Foundation and the SETI Institute to study possible identification of whales from their vocal productions, similar to fingerprint identification. In 2002, he presented to the Acoustical Society of America. He's also looked at acoustic measurements of humpback whale productions to understand and quantify the signals they produce. Stokes thinks that the ability to distinguish certain features of sound production could be used to keep whales from shipping lanes and prevent accidental deaths or ship damage.

Stokes would like to thank his friend and colleague John Mullenix from the University of Pittsburgh at Johnstown. Stokes has collaborated with Mullenix on many projects over the past two decades.



**Jeremy Lee**, BS'08, is a sales manager for Sam Ash Music in Indianapolis. In March 2009 he married Amber Gray, BS'08, a cluster sales manager for White Lodging Services in Carmel, Ind. The couple lives in Fishers, Ind.

**Autumn B. Neale**, BS'08, is a student at the Indiana University School of Optometry. As an undergraduate she was a member of the Marching Hundred Band. Neale lives in Bloomington, Ind.

**Thomas P. Lynch**, BS'08, is a student in the Indiana University

School of Dentistry. He lives in Indianapolis.

**Lindsay N. Richardson**, BS'08, is pursuing a master of science degree from Butler University. She plans to work as a physician assistant. Richardson lives in Indianapolis.

**Amanda B. Thompson**, BA'08, is the Western Pennsylvania and West Virginia district manager in charge of critical care for Bloomington, Ind.-based Cook Medical Inc. Thompson lives in Pittsburgh.

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## PSYCH ♦ NOTES

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## PSYCH ALUMNI: WHAT'S NEW WITH YOU?

*The IU Alumni Association is charged with maintaining records for all IU alumni. Please print as much of the following information as you wish. Updates are used as class notes and help keep IU's alumni records accurate and up to date. Attach additional pages if necessary. Mail to the address above, or fax to (812) 855-8266. To update online, visit <http://alumni.indiana.edu/directory>.*

Name \_\_\_\_\_ Date \_\_\_\_\_

Preferred name \_\_\_\_\_

Last name while at IU \_\_\_\_\_

IU Degree(s)/Yr(s) \_\_\_\_\_

Univ. ID # (PeopleSoft) or last four digits of SS # \_\_\_\_\_

Home address \_\_\_\_\_

Home phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Business title \_\_\_\_\_

Company/Institution \_\_\_\_\_

Company address \_\_\_\_\_

Work phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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Mailing address preference:  Home  Business

Spouse name \_\_\_\_\_

Last name while at IU \_\_\_\_\_

IU Degree(s)/Yr(s) \_\_\_\_\_

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