

PSYCH ♦ NOTES

College of Arts & Sciences Alumni Association

Vol. 12/Fall 2007

View from the chair

Collaboration, innovation breed excellence

The Department of Psychological and Brain Science has a long history of excellence, innovation, and excitement in research, graduate training, and undergraduate education. I could be wrong, but I sincerely think the department is currently in a remarkable sweet spot of excellence.

There is much evidence for this conclusion: For our undergraduates, we have 300 students doing research in laboratories every year; their work with cutting edge technologies; the awards they receive, the graduate schools and jobs (and important opportunities such as Teach for America) they land upon graduation; for our graduate program, the excellence of the students we attract; the highly competitive and prestigious training grants in the department; the No. 4 ranking (by *U.S. News & World Report*) of the clinical PhD program;

the No. 6 ranking (by *U.S. News & World Report*) of the experimental program; for our research program, the \$13.6 million in external grants each year; the awards our faculty receive; and so on.

But they don't tell you why we are in such a sweet spot, why the science is so good and innovative, why the training and teaching is so at the front end, why it is so much intellectual fun to be in this department.

The figures below reveal a key underly-



Dexter Cormley

Linda B. Smith

ing factor. Figure 1 shows the research areas in which we currently have faculty — the cognitive faculty, the clinical faculty, the developmental faculty, and so on. Each dot stands for one faculty member.

Figure 2 shows lines connecting these dots through collaborations. Each line indicates a well-established collaboration, one so well established that it is funded with an external grant.

What you can see is a dense cross-area collaboration in research teams — how experts in cognitive decision making collaborate with cognitive neuroscientists to understand the brain mechanisms involved; how this knowledge is then integrated into studies of addiction and alcohol dependence; how basic vision scientists work with experts on psychopathology to understand perceptual processes in schizophrenia; and

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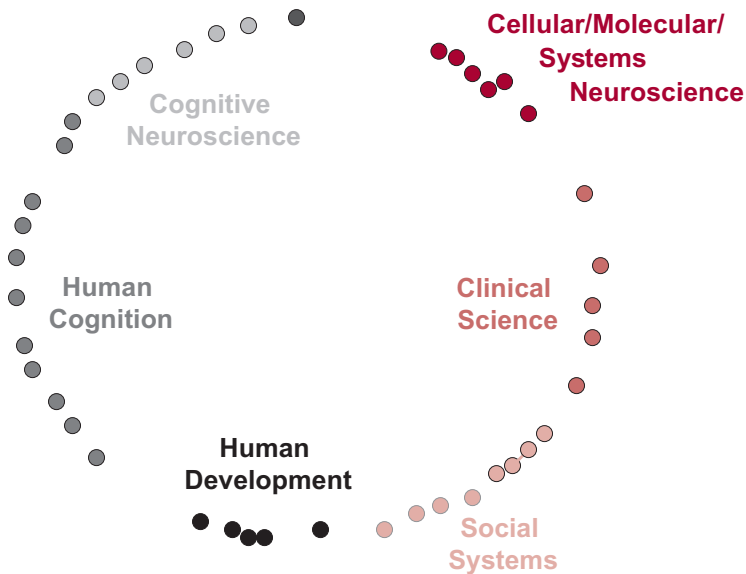


Fig. 1 — The Department of Psychological and Brain Sciences

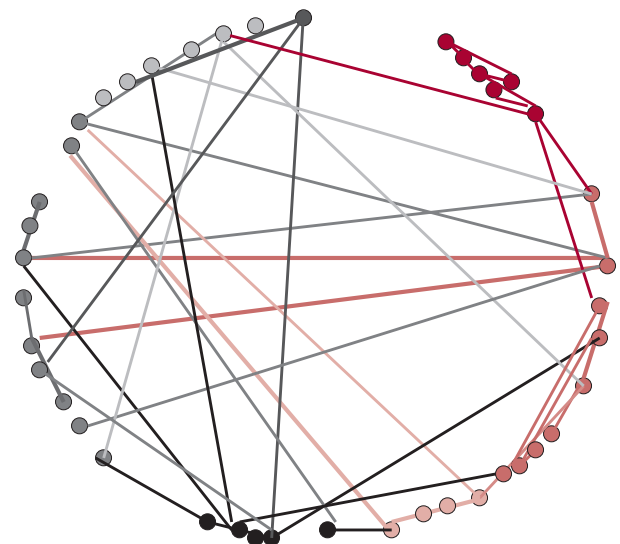


Fig. 2 — Interdisciplinary research in the department

Kinsey Research Institute gains more ties to department

The relationship between the Kinsey Institute for Research in Sex, Gender, and Reproduction and Department of Psychological and Brain Sciences has grown this semester.

Two new faculty members in the department, **Heather Bradshaw** and **Sari van Anders**, also have appointments as assistant research scientists at KI. (*See faculty news for more on Bradshaw and van Anders.*)

The Kinsey Institute, founded in 1947, promotes interdisciplinary research and scholarship in the fields of human sexuality, gender, and reproduction. KI's position is to work toward "having an impact on advancing sexual health and knowledge worldwide," says **Julia Heiman**, director of the institute and professor of psychology.

Along with ties to the department, the Kinsey Institute is expanding its affiliated faculty into such areas as biology and social sciences.

"To really understand the nature of sex and gender, one needs people from specific departments or areas of focus that represent different disciplines," Heiman says.

For this reason, KI has been heavily multidisciplinary from the beginning, she says. Informally, the area of psychology has always been linked to their research. By employing faculty who work in both areas, the Kinsey Institute can set the stage for new and innovative research.

Amy Holtzworth-Munroe and **Dale Sengelaub**, both professors of psychology, also are affiliated with the Kinsey Institute as senior research fellows.

For more information, visit www.kinseyinstitute.org.

View from the chair

(continued from page 1)

how researchers in fundamental processes of speech, hearing, and language collaborate within the department and with the researchers at the IU School of Medicine to understand language learning, attention, and speech processing in deaf and hard of hearing children.

It's an amazing place — engaging, interesting, and committed to making a difference through research and teaching.

— *Linda Smith*

Scientists honored at Gill Center symposium



Cravatt

Stein

The Linda and Jack Gill Center for Biomolecular Science conducted its 2007 symposium and awards on May 23.

J. Michael Walker presented the Young Investigator Award to Benjamin F. Cravatt III, a professor in the departments of Cell Biology and Chemistry, Helen L. Dorris Child and Adolescent Neuro-Psychiatric Disorder Institute, and the Skaggs Institute for Chemical Biology at the Scripps Research Institute. Cravatt gave a keynote speech titled "The Enzymatic Regulation of Endocannabinoid Signaling and its Therapeutic Implications."

The Gill Center Award, presented by the Gill Foundation, went to Richard W. Stein. Stein is a professor in the Department of Molecular and Cellular Physiology at Stanford University. He presented a speech titled "Regulation of Vesicle Fusion in Nerve Terminals."

Other speakers at the event included John Beggs, of the IU Department of Physics, Theodore Cummins, of the IU School of Medicine, Jack M. Gill, and Linda C. Gill.

The Linda and Jack Gill Center for Biomolecular Science was established to advance the understanding of complex biological processes and to train the next generation of scientists in state-of-the-art biomolecular measurements. The symposium takes place every other spring to honor scientists whose work has had a profound impact on shaping the field and enhancing public understanding of neuroscience.

Diverse board works to improve department

The advisory board for the Department of Psychological and Brain Sciences includes members from diverse career fields, which, members say, allows for a wide range of opinions and advice.

David Pfenninger, a psychology alumnus, joined to have an opportunity to reconnect with old friends, among other reasons.

"I wanted to play a role in what I think is a really innovative program," he says. "The department's goals are consistent with my skills and interests."

Pfenninger, who also is a member of the advisory board for the School of Informatics, said one of the board's main goals is extramural fund-raising to help support the department.

Although Pfenninger said the department may not need much advising in the area of academics, he feels that his background and license in psychology put him in a position to advise on issues related to curriculum. His involvement in the technology community in Indiana and the Midwest also could benefit the department.

John Lee, another alumnus, also said he wanted a chance to work with old acquaintances through the board.

"Several of my best classes were with psychology professors," Lee says, "and given my experience, I wanted to see if I could help out the department."

Lee is the director of physician relations at Bloomington Hospital and a member of the hospital's senior leadership group. He also is in private practice for outpatient mental health counseling. Along with a push for fund-raising, he says the board hopes to raise awareness of the department among graduates and help students learn how to use their degrees.

"I'm bringing in my expertise and experience, in both a hospital setting and a private practice setting, to see what I can do to help potential graduates," he said.

Both Pfenninger and Lee agree that helping students learn that there are a variety of ways to use the education they receive from the Department of Psychological and Brain Sciences is a key goal.

"People on the board function in a variety of professional roles, so it's a good model for students," Lee says.

Inaugural event brings researchers together

The Indiana Neuroimaging Symposium's inaugural event took place on May 14 at IU Bloomington. The purpose of the symposium was to highlight recent advances in cognitive neuroscience made by Indiana researchers and to encourage interaction between existing neuroimag-

(continued on page 3)

Department news

(continued from page 2)

ing research groups in the state. More than 100 researchers, industry professionals, and students in neuroscience and closely related fields came together for the event.

The keynote speaker was Andrew J. Saykin, director of the IU Center for Neuroimaging in Indianapolis and the Raymond C. Beeler Professor of Radiology. Saykin's research focuses on mechanisms of memory dysfunction and treatments for neurological and psychiatric disorders. His research is supported by the National Institutes of Health.

Saykin serves on several NIH study sections, the board of directors for the American Board of Clinical Neuropsychology, and the International Neuropsychological Society. He also is founding editor-in-chief of *Brain Imaging and Behavior*, a journal that begins publication this year.

Other speakers included Heather A. Rupp, IU Bloomington; K. Mosier, IU School of Medicine; Javier Gonzalez, Purdue University; Jason K. Johannesen, IUPUI; **Joshua Brown**, IU Bloomington; Andrew J. Kalnin, IU School of Medicine; Jan B. Engelmann, IU Bloomington; Bruce



Sharlene Newman

Theresa Burnett, assistant professor in Speech and Hearing Sciences, left, and Kenneth E. Byrd, associate professor of anatomy at IUPUI, discuss Byrd's project at the Indiana Neuroimaging Conference on May 14.

D. Gitter, Lily Research Laboratories; Jordan Kisner, Purdue University; and E.D. Morris, IUPUI.

Members of the organizing committee

for the event were: Samantha Brandfon, **Joshua Brown**, **Thomas James**, **Sharlene D. Newman**, and **Luiz Pessoa**.

Posters give researchers something to talk about, learn from

Students in the department are doing more than just presenting to groups of classmates and professors about their work. They're having challenging, in-depth discussions with experts in their fields.

Poster sessions are a preferred method of presentation by several Department of Psychological and Brain Sciences faculty

members. Several courses require students to create these posters to present their research. **Dale Sengelaub**, professor of psychology and neural science, said his students are not allowed to give oral presentations at national meetings — only posters.

"A poster sits you in front of a professional audience at national meetings where

you have to stand there for three hours and talk to whomever comes by for as long as those people care to chat," Sengelaub says.

"You actually get to meet the people who do the work in your field. You actually get asked all the tough questions, and in turn you get to ask lots of interesting questions."

That kind of information exchange is almost nonexistent in oral presentations, where speakers are on a tight schedule and have little time to interact with the audience. Sengelaub said poster sessions are used in the department's honors program based on two key aspects: information exchange and efficiency.

Because of the lack of information exchange, students do not benefit from oral presentations the way they might from a poster session. Also, because of the use of posters by professionals outside of the academic environment, they get a more useful experience.

According to Associate Professor **William Hetrick**, the process gives students a head start in their respective fields. Many conferences use poster formats to communicate a significant amount of information, he says.



Kristen Ratliff and Joel Cavallo discuss a project at the 2007 Gill Symposium on May 23.

(continued on page 4)

Department news

(continued from page 3)

“Because of its central role in science, it’s important for our students to have an appreciation for what goes into creating posters,” Hetrick says.

“They need to know what goes into creating posters and have the skills necessary to assimilate their findings and present them coherently to get their ideas out there.”

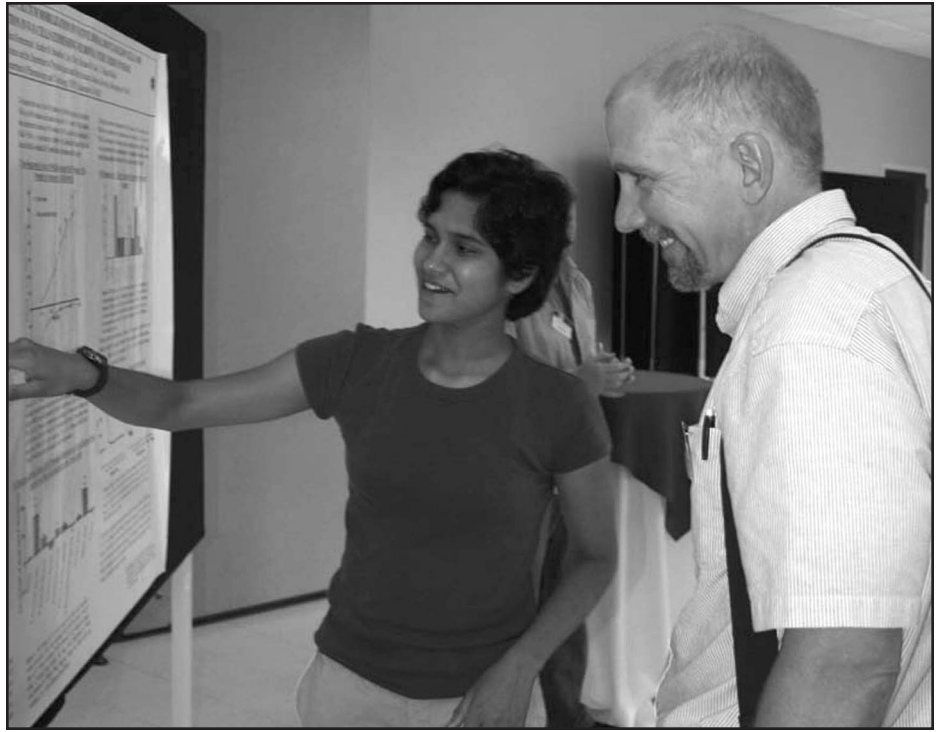
Although the process helps students going into any field to communicate better, poster experience is critical for students interested in moving on to graduate school.

“(Poster presentations) demonstrate to prospective mentors and advisors in graduate programs that these students have learned some of the prerequisite skills of being a scientist,” Hetrick says.

Students may spend hours preparing for a poster session in addition to completing the research itself. They must commit time to creating a poster that displays their research in a visually effective manner.

“Most people who have never created an effective scientific poster before don’t appreciate how much time they’re really going to need to invest in creating one of these things,” Sengelaub says. “The downside is it takes quite a bit of time.”

If presenters don’t have a good understanding of how to use space, he said, they cannot put together an effective poster.



Velocity Hughes presents her poster to Theodore R. Cummins, from the IU School of Medicine, at the 2007 Gill Symposium on May 23.

Posters need visual graphics to draw viewers in and must be laid out logically.

According to Sengelaub, an important part of the honors class is teaching the students how to talk about their research. Rather than speaking to other people in a laboratory who already understand the material, students are asked to communicate to those who do not have the same background.

“I think as scientists we have an obligation to try to communicate our work to everybody, not just to other scientists,”

Sengelaub says. “This is something that I don’t think we as scientists pay enough attention to.”

But through poster presentations, students may be learning how to communicate more effectively about their own work. The sessions also allow an opportunity to exhibit all the different types of research going on in the department.

“If you want to showcase the research of your undergraduate stars, the best way to do it for everybody is in a poster session,”

(continued on page 5)

PSYCH ♦ NOTES

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Department of Psychological & Brain Sciences

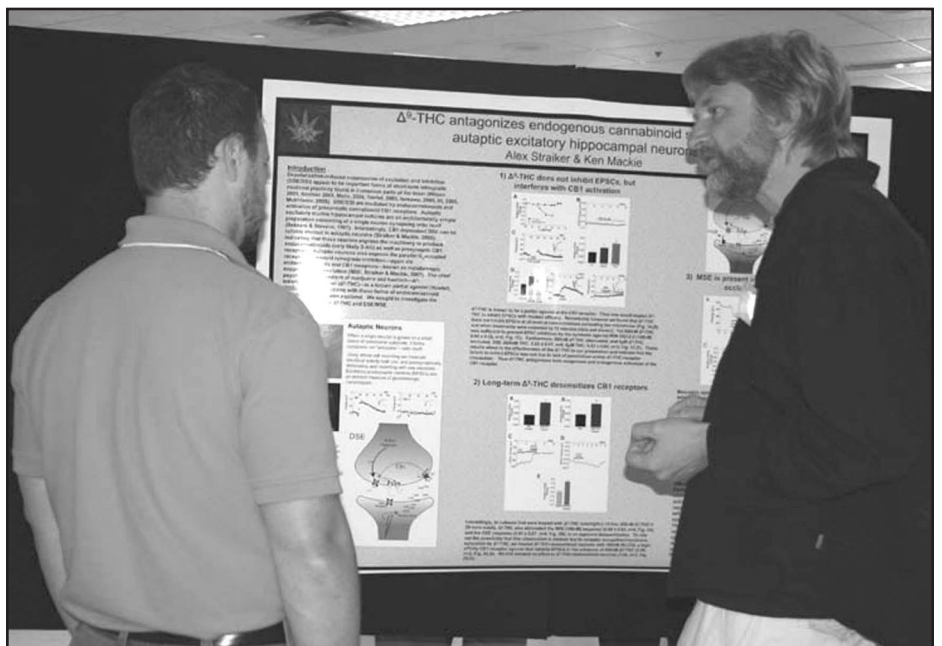
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Alex Straker answers questions about his poster at the 2007 Gill Symposium on May 23.

Neuroscientists tie network structure to brain's spontaneous activity

IU neuroscientists **Olaf Sporns** and **Christopher Honey** find the 98 percent of brain activity that other researchers consider just background noise to be fascinating and important.

Brains are always active, even when people are at rest. In this “resting state,” waves of neural activity ripple through the brain, creating fluctuating and ever-changing patterns. Sporns and Honey’s work on modeling this brain activity sheds new light on how and when these mysterious fluctuations occur and offers insights into what the brain does while idle.

“Some people see the brain in terms of inputs and outputs, like a computer. If you provide an input, you’ll get a particular output,” says Honey, a doctoral student in the Department of Psychological and Brain Sciences. “We take a different view. We believe that even in the absence of an external stimulus, there are very important processes going on in the brain that affect the stimuli and responses that the brain will produce.”

Honey and Sporns, a professor in the Department of Psychological and Brain Sciences, took a close look at the spontaneous activity of the brain at rest. With their computational approach, which involves creating a large-scale computer model of the brain of a macaque monkey, they demonstrated that the shape and pattern of the fluctuations are determined by the brain’s



Sporns



Honey

wiring diagram, its neuroanatomy.

Their model also can show how slow five- to ten-second fluctuations of activity emerge naturally from much faster, chaotic neural interactions that typically last only a few milliseconds.

“Our model suggests that the cortical resting state is not time-invariant, but instead contains rich and interrelated temporal structure at multiple time scales that is shaped by the underlying structural topology,” Sporns and Honey wrote in an article that appeared in the *Proceedings of the National Academy of Sciences*.

Despite the huge amount of work being done by neuroscientists, relatively little is known about how the human brain is structured — how, for example, the hundreds (the number is unknown) of regions in the human brain are connected. The computer model created by Sporns and Honey suggests that this very pattern



IU neuroscientist Olaf Sporns works with a brain-based robot in his lab. (Photos this article courtesy of IU Media Relations)

of connectivity is crucial to generating and shaping brain activity in the resting and active brain.

Empirical work on the human brain is challenging because the brain’s intricacies cannot simply be manipulated and observed. Sporns and Honey compare studying the brain to studying other complex systems, such as cellular metabolism, the economy, or global climate change. Models

(continued on page 6)

Department news

(continued from page 4)

he says. “You can wander through and look at all the posters and really appreciate the diversity and excellence of the research going on in the department.”

Those undergraduate stars are shining not only on campus, but also across the nation, Hetrick says.

“Some of our undergraduates really excel in their lab research,” he says. “They get invested in the research and over time lend enough to the project that sometimes their contributions are significant enough to earn the opportunity to present their work at scientific national meetings.”

The IU Alumni Association’s new online career services center is open:
IUAlumniCareers.com

Psychologists, Law School team up for divorce mediation conference in November

The Department of Psychological and Brain Sciences and the Indiana University School of Law will co-sponsor a conference on how to improve divorce mediation interventions to minimize the potentially negative impact of divorce on children.

The event, titled “For the Sake of Children: Advances in Family Dispute Resolution,” will take place Thursday and Friday, Nov. 15–16, at the IU School of Law in Bloomington. Although not all of the conference is open to the public, experts will host a public forum at 3:15 p.m. Thursday in the Law School Moot Court Room (Room 123).

The purpose of the conference is to host presentations and discussions about the effectiveness of divorce mediation and

new, innovative methods of mediation. The conference will feature both legal and psychological experts, who will present research from both legal and social science perspectives.

In addition to the conference, the Department of Psychological and Brain Sciences and the School of Law will offer two new graduate-level courses in the fall. One is a seminar on divorce and divorce mediation; the other is a divorce mediation therapy training practicum. These new courses may include law students and will be coordinated with a School of Law divorce mediation course. They also will be tied to research efforts to develop and test new interventions to improve the effectiveness of divorce mediation.

Faculty notes

(continued from page 5)

must be used to test theories and generate new insights into how the system works as a whole.

While technologies such as functional MRI allow scientists to measure some kinds of neural connectivity, neuroinformatics approaches, which use extensive anatomical and physiological data sets to describe the macaque's brain, allowed Sporns and Honey to collect data on all the activity that occurred during their simulations.

Sporns says he wants to create a similar large-scale computer model of the human brain that will allow them to study larger networks and connectivity, once the necessary data sets of how human neural networks are structured are available.

A computational model of the human brain would help researchers better understand where the observed resting state fluctuations come from. It also would let them tie neural activity to cognitive and behavioral performance and ask questions about differences in the brains of individual people.

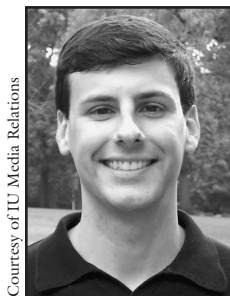
Sporns said this research could lead to clinical applications, offering new diagnostic tools for brain disorders such as Alzheimer's disease that are known to affect the brain's connections. It also could help explain why humans do not think alike.

Genes linked to problems in children of divorced couples

Assistant Professor **Brian D'Onofrio** found that the cause of depression in children whose parents divorce may be caused by genes, not the divorce itself.

"We really cannot make any assumptions about what causes the problems associated with divorce," he says. "For certain problems, such as increased rates of conduct problems and alcohol abuse, the actual divorce seems to cause it. But for depression, it looks like a different mechanism is at work."

In one of the first studies to examine genetic roots to the children's problems, D'Onofrio and his colleagues examined the offspring of twins to see if a genetic risk shared by the parents and offspring contribute to the problems. When comparing the offspring of identical twins, one of



Courtesy of IU Media Relations

Donofrio

Chair named American Academy fellow

Linda B. Smith, chair of the Department of Psychological and Brain Sciences, was elected a fellow of the American Academy of Arts and Sciences in the spring. She joins the ranks of Nobel and Pulitzer Prize winners, presidents, authors, and other influential thinkers from the United States and abroad.

The Cambridge, Mass.-based academy elects fellows based on contributions to an academic or professional field. Other new fellows in 2007 include former Vice President Al Gore, former Supreme Court Associate Jus-



Dexter Gornley

Smith

Justice Sandra Day O'Connor, filmmaker Spike Lee, and international public health leader Allan Rosenfield.

Smith has taught and conducted research at IUB since 1977. Her research seeks an understanding of the development process, focusing on the interactions of perception, action, attention, and language in children between the ages of 1 and 3.

The American Academy of Arts and Sciences was founded in 1780 by John Adams, James Bowdoin, John Hancock, and other scholar-patriots.

whom experienced a divorce and the other whose marriage was intact, the researchers found no difference in the rates of depression in the offspring (25 percent) who are genetically half-siblings because of the shared genetic material of their parents.

According to D'Onofrio, studies have shown that people with depression are more likely to have marriages that end in divorce. The same genetic risk that caused depression in the parent could cause depression in the children regardless of whether the parents divorce.

D'Onofrio's findings appear in the July issue of the *Journal of Child Psychology and Psychiatry*. Co-authors are Eric Turkheimer and Robert E. Emery, professors at the University of Virginia; and Hermine H. Maes, Judy Silberg, and Lindon J. Eaves, all from the Virginia Institute for Psychiatric and Behavior Genetics at Virginia Commonwealth University.

Study shows influence of environment on smoking habit

Professor **Steven J. Sherman** was co-author of a study based on the IU Smoking Survey conducted in the Department of Psychological and Brain Sciences. The survey is a 27-year longitudinal study of the natural history of cigarette smoking.

According to the research, being married to a nonsmoker and working in a completely smoke-free environment play key roles in long-term success for young adults who quit smoking.

The study involved 327 participants from the survey who had quit smoking as young adults. Of these, 219 remained abstinent for at least five years. This makes the study unique because of its ability to

examine the demographic and behavioral predictors of long-term successes of quitting during young adulthood.

The researchers looked at factors in four areas: smoking-related beliefs, such as the belief that smoking helps people relax; smoking-related behaviors, such as when the subject began smoking or how many times he or she has tried to quit; acquisition of adult roles, such as having children; and smoking in the social environment, such as access to smoking in the workplace.

The study showed that two-thirds of people who quit between the ages of 18 and 24 did not go back to smoking and that the factor with the largest independent effect was external environment.

The new findings were published online in June by the *American Journal of Public Health*. The study was supported by the National Institutes of Health, which has funded the IU Smoking Survey since it began in 1980.

Research focuses on brain process of fingerprint examiners

Professor **Thomas Busey** recently collaborated with John Vanderkolk, laboratory manager for the Indiana State Police in Fort Wayne, Ind., to study the psychological aspects of fingerprint examiners. Vanderkolk also is a veteran latent-print examiner.

The studies focused on the qualitative-quantitative approach to fingerprint identification and how latent-print examiners make their decisions. Research found that fingerprint experts use a brain process that relates one part of the fingerprint to

(continued on page 7)

Faculty notes

(continued from page 6)

another instead of examining each detail individually. Through experiments, Busey and Vanderkolk concluded that fingerprint experts see fingerprints differently from novices.

The study was featured in the May–June edition of *Evidence Technology Magazine*.

Grants awarded for risk studies

Assistant Professor **Joshua Brown** recently was awarded two grants for research on how the brain assesses risk.

The first grant, awarded by the National Institutes of Health/National Institutes of Drug Abuse, is for the purpose of studying how the brain detects the risk of certain behaviors, especially drug use, so that they can be avoided.

The second, awarded by the Air Force Office of Scientific Research, is to study how people detect and manage risk and to develop computer models of how the brain processes information related to the risk of ongoing behaviors.

Two postdoctoral researchers will be joining Brown's lab to work on these projects.

New faculty

Heather Bradshaw, who has been working for the department as a research associate, will now be an assistant professor in the department, affiliated with the neuroscience

Name: Heather Bradshaw

Position: Assistant professor of psychological and brain sciences; assistant research scientist, Kinsey Institute for Research in Sex, Gender, and Reproduction

Family: Husband, David Wilcox; son, Wyatt

Hobbies: Gardening, hiking



program. She has a BS in nutrition and a PhD in neuroscience, both from Florida State University. She participated in postdoctoral training at both Brown University and IU.

She also will join the Kinsey Institute for

Professor gives distinguished research lecture on 'avian encounters'

"Was that my cell phone, or just a bird?"

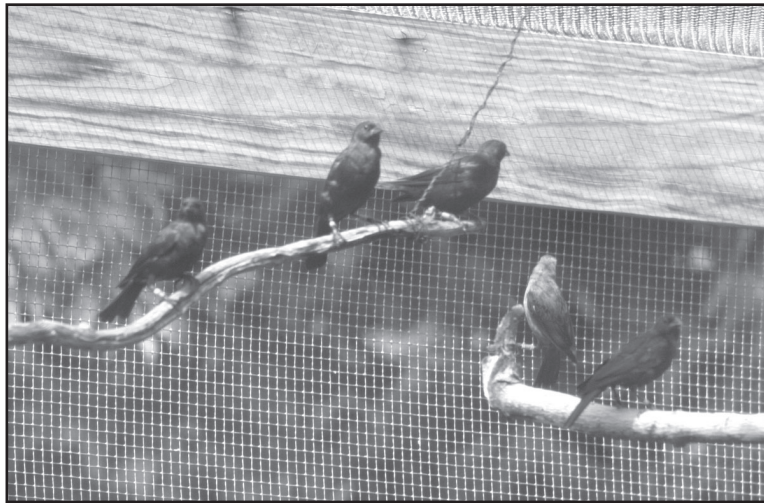
Meredith West, professor of psychology and biology, has attempted to answer this question by studying how birds learn to sing. Some birds can learn to imitate other animals, sounds, and even your ring tone. Some birds, she said, like starlings, can even develop a connection with humans who raise them from a young age and begin to mimic their speech.

West was named Indiana University's Distinguished Faculty Research Lecturer for 2007. She gave a public lecture in April. Working with cowbirds, starlings, and other avian species, West has spent decades studying the social experience and competence of birds. She and her



Courtesy of IU Media Relations

West



Cowbirds rest on branches in their aviary at the Animal Behavior Farm.

colleagues were the first to discover that female cowbirds, who do not sing, still "teach" males how to sing by using visual gestures to motivate and manipulate the male's vocal practice.

West and her husband and research partner, **Andrew King**, co-direct the Animal Behavioral Farm at IUB. Her speech reflected on "close encounters of the avian kind" that she has experienced at the farm while studying how animals learn.

"Just as a farmer's attention to good soil is essential for plants to thrive, attention to an animal's social needs is essential to their development," West said. The Animal Behavior Farm, which is adjacent to West and King's home, consists of 93 acres of land containing large aviaries.

West also was selected as the 2007 Office of Women's Affairs Distinguished Scholar Award recipient. The award is designed to honor faculty who have demonstrated outstanding scholarship or creative work, as recognized by peers at IU Bloomington and in the candidate's profession. She was honored at the 2007 OWA Award Ceremony and Reception in March.

Research in Sex, Gender, and Reproduction as a research scientist.

Bradshaw's research interests include the cellular and molecular basis for reproductive physiology and behavior. She hopes to undertake research at IU to explain how biochemical aberrations in the reproductive system lead to sexual dysfunction disorders and chronic pelvic pain in women. She also plans to conduct human studies using MRI

approaches to better understand uterine pathophysiology.

A three-year resident of Bloomington, Bradshaw says she accepted the position because the faculty and facilities continually impressed her while she worked as a research associate. She also jumped at the opportunity to work in both the department and the Kinsey Institute.

(continued on page 8)

Student Notes

Saltzman Award winner announced

Colleen Brenner received the Irving J. Saltzman Award for Outstanding Graduate Achievement and received \$300.

The award is named for the late **Irving J. Saltzman**, a long-time faculty member who served as chair for several years. The award is presented to a student who has recently completed his or her PhD in psychology and shows excellence or distinction in research, teaching, and service.

Brenner, a native of southern California, came to IU because of the department's emphasis on neuroscience, behavioral theory, and empirically validated treatments. As

a graduate student she worked with **Brian O'Donnell** and **William Hetrick** studying cognition, memory, and brainwave activity in schizophrenia patients. She completed a clinical internship in Palo Alto, Calif., before returning to IU to run the Neuroscience and Clinical Research Center at Larue Carter Hospital in Indianapolis.

Student heads to London for fellowship

Adam Sanborn received a fellowship from the Royal Society in London. He will spend two to three years overseas working with the Gatsby Computational Neurosci-

ence Unit in the University College London.

The fellowship was awarded to Sanborn, who came to the IU graduate program from the University of New Hampshire, based on work he proposed to do in the areas of machine learning and modeling in neuroscience.

He says he's excited to work in such a good research program and with the op-

(continued on page 9)



Sanborn

Faculty notes

(continued from page 7)

Sari van Anders joins the IU faculty this year from Simon Fraser University in Burnaby, British Columbia. She is an assistant professor of psychological and brain sciences, affiliated with the neuroscience program, and will be working with the Kinsey Institute for Research in Sex, Gender, and Reproduction as an assistant research scientist.

Van Anders's research interests include behavioral neuroendocrinology, interactions between social behaviors and hormones, gender, and sexuality. She recently was awarded the Young Investigator Award from the Society for Behavioral Neuroen-

research at IU and incorporate additional behavioral neuroscience approaches. Her decision to join the faculty at IU was partly based on the campus's focus on interdisciplinary studies and commitment to diversity, she says.

Karin Harman James, another research scientist in the department, joins the faculty as an assistant professor affiliated with the neuroscience program. James received a BSC from the University of Toronto and an MA and PhD from the University of Western Ontario. She participated in post-doctoral training at Vanderbilt University, Nashville, Tenn. Her research interests include neurocorrelates of learning, how sensory motor learning affects cognition, and how people interpret music.

Name: Karin Harman James

Position: Assistant professor of psychological and brain sciences

Family: Husband, Thomas James; children, Jack and Emma

Hobbies: Gardening, cooking, running, spending time with family

James says she chose to accept the faculty position because of the strength of the department, the number of great mentors in her area, and the department's neuroimaging facility. She hopes to continue her current research and form insights on how the brain changes with experiences.

Name: Sari van Anders

Position: Assistant professor of psychological and brain sciences; assistant research scientist, Kinsey Institute for Research in Sex, Gender, and Reproduction

Family: Partner, Greg van Anders

Hobbies: Reading, soccer, cooking, painting



docrinology and gave a talk titled "Associations between testosterone and partnering in humans" at their 2007 symposium.

Van Anders hopes to continue with her



New faculty member Karin Harman James peers into the fMRI at the IUB lab.

Student notes

(continued from page 8)

portunity to live in London.

Sanborn is confident that his work at IU has prepared him well for this fellowship.

"It's an excellent place for learning modeling in general and behavioral research, and I think that will translate well," he says.

In the future, he hopes to find a faculty job in the field.

New scholarship to memorialize student

A memorial scholarship has been created to honor social psychology graduate student **Gordon Kato**, who died of myocardial infarction at his home in November.

Kato had a BA in experimental psychology from the University of Michigan at Ann Arbor and a master's in education from Harvard. Before he came to IU, he worked in the publishing industry in New York City, where he started his own literary and talent agency.

He was honored for his work as a literary agent in a special tribute to the 500 Most Influential Asian Americans published by *Avenue Asia*. Following the events of 9/11, Kato decided to return to his interests in psychology. He joined the department, working with Professor **Steven J. Sherman**, in 2003.

Kato loved living in Bloomington and had a great attachment to the Department of Psychological and Brain Sciences and IU in general. In many ways, he was both the intellectual and emotional center of the graduate program. His knowledge seemed limitless, as was his willingness to share his insights with others. His lead role in organizing poker games, chili-cooking contests, and parties was no less important to the well being of the graduate program.

The scholarship in Kato's name will be awarded each year to a student in the social psychology program. Donations can now be made directly to the scholarship fund through the IU Foundation.

To give a memorial gift in honor of Gordon Kato, please make checks payable to "Indiana University Foundation" with "in memory of Gordon Kato" in the memo line and send contributions to

Indiana University Foundation
c/o Helene O'Leary
P.O. Box 500

Bloomington, IN 47402

For more information or to donate by credit card, please contact Helene O'Leary at (812) 855-0594.

Alumni Notebook

Before 1970s

Four alumnae who were IU roommates reunited for their 60th anniversary of friendship. They are **Katharine V. Jordan Bozell**, BA'48, of Watseka, Ill.; Zola N. Hull Riffe, BS'48; Barbara A. Anderson Hittle, BA'49, of Indianapolis; and Betty Girard Ertel, BS'70, of Chesterton, Ind. "We four roomed together in one room to make [space] for our returning service people," Ertel writes. "We became great friends and have continued [to be] for 60 years." In 1945-46, the women lived in Sycamore Hall, a women's residence hall on IU Bloomington's campus.

Andrew Berger, MA'52, known as Andrés Berger-Kiss in print, published several works in 2005-06. Editorial Betania, of Madrid, Spain, published his poetry books *Mis 3 Patrias y un Puñado de Polvo* into one volume. Ecoe Ediciones, of Bogotá, Columbia, published his novel *Donalejo y sus 186 Hijos*. The Latin American Literary Review Press, of Pittsburgh, published his anthology of 24 short stories *The Sharpener and Other Stories*. He lives in Lake Oswego, Ore.

Roger L. Pardieck, BA'60, LLB'63, has been inducted into the International Academy of Trial Lawyers, which limits its membership to 500 active fellows from the U.S. and 100 fellows worldwide. Pardieck was one of 29 attorneys inducted in 2006. The Pardieck Law Firm was established in 1985 in Seymour, Ind.

1970s

Janice Slaughter Wiggins, BA'71, MS'75, was honored by IU Bloomington's Commission on Multicultural Understanding with its 2006-07 COMU Staff Award. She is director of the Groups Student Support Services program at IU Bloomington.

Nancy McConnell Williams, BA'72, has been a teaching assistant at a preschool for 10 years and also has worked in the social-services field. She volunteers with community organizations that combat breast cancer, Alzheimer's disease, and Lou Gehrig's disease. She writes, "I live in the Richmond, Va., area with my husband and two college-student sons. Simply put, life has been good so far. I would love to correspond about the 'old days' and what has transpired these last 35 years or so." Williams can be reached at nmwwms311@aol.com.

Yvonne V. Wells, BA'78, is an associate professor of psychology at Suffolk University in Boston. She writes, "I was appointed coordinator of minority outreach efforts for our clinical program in psychology." Wells lives in Boston.

1980s

Sarah E. Lynn, BA'81, has been appointed by Ohio Gov. Bob Taft to a six-year term as

a commissioner on the Environmental Review Appeals Commission in Columbus, Ohio. She will continue to practice environmental law at Bailey Cavalieri in Columbus.

Barry W. Fisher, BA'82, MD'86, is the medical director of the Behavioral Medicine and Post Traumatic Stress Disorder Clinic at the Department of Veterans Affairs Pittsburgh Healthcare System. He is a distinguished fellow of the American Psychiatric Association and president of the Pennsylvania Psychiatric Society.

Jill Bolte Taylor, BA'82, is the author of *In My Stroke of Insight: A Brain Scientist's Personal Journey*. Taylor was a 37-year-old Harvard-trained and published brain scientist when a blood vessel exploded in her brain. Through the eyes of a neuroanatomist, she watched her mind deteriorate so completely that she could not walk, talk, read, write, or recall any of her life. She is now completely recovered. In her book, Taylor shares her recommendations for recovery and the insight she gained from having this ironic voyage into, and back out of, the silent abyss of a

(continued on page 10)

Alumni spotlight

Prestigious award goes to alumnus

Yoshito Kawara, a third-generation Japanese American, overcame life in a World War II internment camp to become a successful scholar and a leader of the Asian American Psychological Association. In April, he received the second-ever Distinguished Asian/Pacific American Alumni Award from Indiana University.

Kawahara, a professor and chair of the Department of Behavior Sciences at San Diego Mesa College, earned a doctorate in physiological psychology in 1978. He also is co-director of the Bridges to the Baccalaureate program at Mesa College, an initiative funded by the National Institutes of Health that seeks to help underrepresented students.

The purpose of the award is to provide recognition for outstanding achievements by the Asian/Pacific American alumni of IU and is given by the school's Asian Alumni Association. Kawahara was selected based on his professional achievements and service to the community.

Alumni notebook

(continued from page 9)

wounded brain. She is an adjunct professor in the departments of medical science and kinesiology at IU Bloomington and is the consulting neuroanatomist for the Midwest Proton Radiotherapy Institute.

Gerard L. Gregerson, BA'85, JD'89, a partner at Bingham McHale in Indianapolis, was re-elected to the law firm's management committee. He represents contractors and owners in construction contracts and disputes. He co-chairs the firm's construction-industry team. He lives in Zionsville, Ind.

Kimble L. Richardson, BA'85, MS'87, is a physician and referral liaison at the St. Vincent Indianapolis Stress Center. He was elected president of the Indiana Social Worker, Marriage and Family Therapist, and Mental Health Counselor Board. Richardson is also an adjunct faculty member in the Department of Psychology and School for Adult Learning at the University of Indianapolis. He and his wife, Sheila (Purtell), BSN'92, a registered nurse, live in Indianapolis.

Kendall L. Harnett, Cert/BA'89, is the producer and director of the documentary *Freewheels 55: The Fifty-Five-Year History of the Little 500*. The DVD features 70 race finishes, 80 personal interviews, and behind-the-scenes footage of the 1979 Academy Award-winning film *Breaking Away*. As a student at IU Bloomington, Harnett rode for the 1989 Little 500 champion Cinzano team and later coached the Landsharks women's team. He is currently making documentaries and teaching film in Maine. The documentary is available at www.little500.net.

Charles W. Lynn, BS'89, is a quality manager at www.sekuworks.com in Harrison, Ohio.

1990s

J. Scott Anderson, BA'90, is an officer and shareholder at the law firm of Giordano Halleran & Ciesla in New Jersey. He chairs the firm's planned real-estate development practice area. In 2006, he was named a "40 Under 40" attorney in the *New Jersey Law Journal*.

Mary Elizabeth Knish, BA'90, is director of communications at AARP Tennessee. Her "Choices for Care" campaign received honorable mention honors from PR News's Nonprofit PR Awards 2006 in the advocacy campaign and lobbying efforts category. She works and lives in Nashville, Tenn.

In September, **Nathan J. Feltman**, BA/BS'92, JD'94, of Carmel, Ind., was appointed secretary of commerce for the state of Indiana and CEO of the Indiana Economic Development Corp. In February 2005, the IEDC replaced the Indiana Department of Commerce as the premier entity charged with statewide economic development. Also during his career, Feltman worked and lived in Russia for three years

and practiced law in Chicago. He received the 2006 Outstanding Young Alumni Award from the College of Arts and Sciences at IUB.

Jennifer McDaniel Bauer, BS'93, MIS'98, is a natural-language engine developer at Catalis Inc. in Austin, Texas.

Margaret R. O'Malley, BA'93, lives in Seattle, where she was active in the theater community as an actress, director, teaching artist, and "public-relations goddess." In 2001, she married Doug Rudoff, and, in 2005, they had a son, Liam Tobias O'Malley Rudoff.

Jennifer Swidron Schott, BA'93, MS'96, is an academic adviser and career counselor at IUPUI. She lives in Martinsville, Ind.

Carrie Stuckey Smyth, BA'94, is a stay-at-home mom. Previously, she served as the accreditation coordinator for AYS Inc. child services. Her husband, Corbin, BA'94, is assistant director of activities and events at the Indiana Memorial Union in Bloomington. They live in Bloomington.

Katina "Tina" Johnson, BA'96, MS'00, is the owner of Trinity Consulting Inc., a counseling agency that provides mental health services to children, adolescents, and families. She received an MBA degree in 2005 from Indiana Wesleyan University. She and her four-year-old son live in Indianapolis.

Amy M. Kaplan, BA'96, is the public relations manager for i-to-i, a travel company that specializes in vacations focused on volunteerism. She works and lives in Denver.

Jenny Burin Abrams, BA'97, is an oncology social worker for the Loyola University Health System at its medical center in Maywood, Ill. She and her husband, Sean, live in Schaumburg.

Kara L. Ettenson, BA'98, reports that she is a child therapist at an outpatient mental-health clinic in Jackson, Miss. She lives in Canton.

Anthony J. Schallioli, BA'98, and his wife, Michelle (Clark), BA'98, were relieved of active duty in 2002 and went on a six-month backpacking trip, touring U.S. national parks. They married, moved to Colorado and California, and are now settled in Durham, N.C., with their 10-month-old son, Caleb.

Chris M. Hall, BA'99, MIS'02, is an interaction designer for Mitchell International Inc. in San Diego. He lives in La Jolla, Calif.

Bradley S. Loveall, BA'99, MIS'03, is

Want to let other alumni know what you're doing? Have a story or memory to share from your time at IU?

Or maybe you just want to pass on your words of wisdom to current students?

Send your stories for our Web site, alumni newsletter, and other publications to Jenny Porter at (812) 855-8897 or porterjl@indiana.edu.

Alumni spotlight

'To be of help to people'

One alumnus psychologist attributes his success to his love for helping people and an interest in emotional disorders.

Dana Frantz, a 1973 graduate, with a 1978 master's in psychology from Ball State, is the associate director for Adult Services at Adult and Child in Indianapolis.

"I have found it very rewarding to be of help to people with mental health and addiction problems, especially those who are disadvantaged and could not otherwise afford services," Frantz says.

After graduating from IU, Frantz's first job was as a counselor at the Indiana Boys School Reformatory in Plainfield. After that, he worked at the Midtown Health Center and the Gallahue Mental Health Center before joining the Adult and Child Center. He also has consulted privately for the Indiana Division of Mental Health and Addiction Services.

As an undergraduate, Frantz saw himself working in the field of mental health in some way. He became much more committed to the field because of the encouragement of Professor **Tony Banet**.

Frantz said counseling experiences and volunteer work during college helped him choose a career in mental health. He thinks such activities would be beneficial to any student considering the field.

His wife, Marianna, is a graduate of the IU School of Nursing, and daughters, Caitlin and Lainey, are both college graduates.

a software engineer for Quest Information Systems in Indianapolis.

2000s

Elizabeth Brown Harper, BA'00, graduated from Ohio Northern University's Pettit College of Law with her JD.

Carolina Wong Van De Voorde, BA'00, works at the Greenville Rape Crisis & Child Abuse Center in Greenville, S.C. She is a volunteer coordinator and does outreach in the Hispanic community. She and her husband, Greg, Cert/BA'98, recently had their first child, Sofia Simone.

(continued on page 12)

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Thank you

Alumni notebook

(continued from page 10)

They live in Simpsonville.

Kari Burns Anderson, BAJ'01, is a residence coordinator at the University of North Carolina at Charlotte. She recently was married in Charlotte and chose cream and crimson as her wedding colors. She and her husband, Erik, honeymooned in Aruba for a week. She can be reached at ksburns@alumni.indiana.edu.

Andra R. Daunhauer, BA'01, received a master of science degree in child and family studies, with a concentration in family support and parenting education, from Boston's Wheelock College in May 2006. She is a supervisor in a home visiting program for first-time teenage parents in Boston. Daunhauer lives in Brighton, Mass.

Allison M. Riggle, BA'01, MSW'04, writes, "I recently married Joshua S. Combs, BA'02. We have been living in Panama City, Fla., for the past two years after returning from six months in western Australia. I work as a coordinator of a federal TRIO program, and Josh works as a promotions producer at the local ABC affiliate. I am working on my doctoral degree in education at University of West Florida."

Lyuba Bobova, BA'02, is a graduate student in the IU Department of Psychological and Brain Sciences. She received a National Institute on Alcohol Abuse and Alcoholism training grant in 2006.

Ryan A. Hamilton, BS'02, JD'06, is an associate at the law firm of Baker & Daniels. He practices business litigation in Indianapolis.

Jessica Cockerham Rodgers, BA/BS'03, of Indianapolis, is the e-communications coordinator for the United Way of Central Indiana's marketing and communications department.

Amber L. Stefankiewicz, BA'03, JD'06, is an associate at the law firm of Baker & Daniels. She practices in labor and employment in Fort Wayne.

Susan C. Cook, BA/BS'04, has a fellowship in ecology and biology at Cornell University in Ithaca, N.Y.

Jamaica R. Slicer, BS'04, works in alumni relations at Butler University in Indianapolis, where she is pursuing an MBA.

Angela Cruz Pitts, BA'05, of Anderson, Ind., writes, "I am working in an adolescent inpatient and residential unit with kids who have behavior problems, mental illness, and chemical-dependency issues. I'm also studying for my master's degree in social work at IUPUI."

Hutton Honors College graduate **Stacey K. Jones**, Cert/BA'06, is among 76 college graduates nationwide to receive a 2006 Jack Kent Cooke Foundation Award. The award grants her full tuition and a stipend, renewable annually while she attends graduate school. Jones is a student at the University of Chicago, where she is pursuing a master's in social service administration.

Antonio D. Salvat, BA'06, is studying clinical psychology in graduate school in Chicago.



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