

Biology

Ψ INDIANA UNIVERSITY

Alumni Newsletter

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College of Arts & Sciences Alumni Association

Membership Matters. This publication is paid for in part by dues-paying members of the Indiana University Alumni Association.

Roger Innes named chair of biology

Roger Innes was named chair of the Department of Biology, replacing Distinguished Professor Jeffrey Palmer, who wished to return to his research on a full-time basis. Innes started May 1 as interim chair and becomes chair in July.

Professor Innes, a plant molecular biologist, studies the genetic and biochemical basis of disease resistance in plants, working with *Arabidopsis thaliana*, a member of the mustard family, and *Pseudomonas syringae*, a bacterial pathogen. His research seeks to understand how plants identify and resist pathogens. Innes holds three patents resulting from his work, including a nodulation gene promoter, a method of identifying plant pathogen tolerance, and a gene for regulating disease resistance in plants.

For the last five years, Innes was the department's associate chair for research. Professor Clay Fuqua now assumes those duties. Innes served on the Simon Hall space committee while the building was under construction and chaired the Jordan Hall/Myers Hall space planning committee from 2005 to 2009.

Innes served on the editorial board of *Plant Physiology* for five years. He devoted eight years to the American Society of Plant Biologists' Public Affairs Committee, lobbying before congressional committees,



Courtesy Department of Biology

Professor Roger Innes

meeting with politicians, and writing letters advocating on behalf of the society.

Innes is married to Karen Jepson-Innes, who is the associate executive director of Bloomington's WonderLab Museum of Science, Health, and Technology. Many of our faculty and students volunteer at this children's museum, which *Parents* magazine rated one of the top 25 science centers in the country.

Visit Professor Innes's Web site:
www.bio.indiana.edu/faculty_research/faculty/Innes.

Innes' professional life at a glance

Education

- BA, 1982, *summa cum laude*, Humboldt State University
- PhD, 1988, University of Colorado

Professional Experience

- 2009: Chair, Department of Biology, Indiana University
- 2004–09: Associate Chair, Biology, IU
- 2003–present: Professor, Biology, IU
- 1998–99: Sabbatical Leave, Sainsbury Laboratory, John Innes Centre, Norwich, United Kingdom
- 1997–2003: Associate Professor, Biology, IU
- 1990–97: Assistant Professor, Biology, IU
- 1990–91: Leave: Research Associate, University of California, Berkeley
- 1988–91: Postdoctoral Research Associate, Department of Plant Pathology, University of California, Berkeley
- 1984: Visiting Research Assistant, Research School of Biological Sciences, Australian National University, Canberra, Australia

Honors

- 1997: Teaching Excellence Recognition Award, IU
- 1988–91: National Science Foundation Postdoctoral Fellowship in Plant Biology
- 1983–86: National Science Foundation Graduate Fellowship.

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Seven faculty members earn national honors

Seven members of the Department of Biology's faculty earned top national honors in 2008–09. They are Carl Bauer, Patricia Foster, Thomas Kaufman, Michael Lynch, Michael Wade, Malcolm Winkler, and Miriam Zolan.

National Academy of Sciences Fellows

Distinguished Professor **Michael Lynch** was elected a fellow of the National Academy of Sciences this spring. He will be inducted at the organization's annual meeting held next year.

Lynch, an evolutionary biologist, has made significant contributions to the field of genomics. These include "a theory accounting for genetic duplication, pioneering work in ecological genetics, and extensive work on mutation rates, including the 'mutational meltdown' model that builds on the work of IU Bloomington geneticist and Nobel Prize winner Herman Muller."

The president of the Society for Molecular Biology and Evolution, Lynch is associate editor for two publications, *Genome Biology and Evolution* and *Conservation Genetics*. He chairs the National Institutes of Health's Genetic Variation and Evolution Study Section. He is a fellow of the American Association for the Advancement of Science and the American Academy of Arts and Sciences.

Lynch joins Distinguished Professor **Thomas Kaufman**, who was named a fellow last year and was inducted at the academy's annual meeting held this April in Washington, D.C. Kaufman has made significant contributions to the field of developmental genetics. He is known for his discovery of the Antennapedia Complex mutational cluster found in *Drosophila melanogaster*, the fruit fly, one of the most important research models in biomedical research. Mutations caused by the Antennapedia Complex cluster can result in legs growing where antennae or mouth parts should be. The discovery furthered scientific understanding of animal body development.

Kaufman is a fellow of the American Academy of Arts and Sciences. In 2005, he was honored with the George W. Beadle Award for his outstanding contributions to the genetics research community.

Election to the National Academy of Sciences is considered one of the highest honors a scientist can receive in this country. Created in 1863, the academy serves as an official adviser to the federal government.

American Association for the Advancement of Science Fellows

Biologists Thomas Kaufman, Michael Wade, and Miriam Zolan joined elite company when they were elected fellows of the American Association for the Advancement of Science. They were inducted into the association last year.

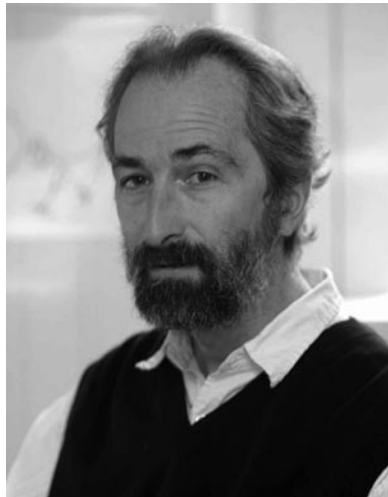
Thomas Kaufman was recognized for his own work in developmental biology, as well as his efforts to facilitate *Drosophila* research. He co-directs IU's *Drosophila* Stock Center, an international supplier of fruit fly stock, and is a project leader for the *Drosophila*

Genomics Resources Center.

Michael Wade has been called "one of the most significant evolutionary biologists of his generation." He combines experimental and theoretical approaches to a variety of evolutionary problems, including evolution in metapopulations.

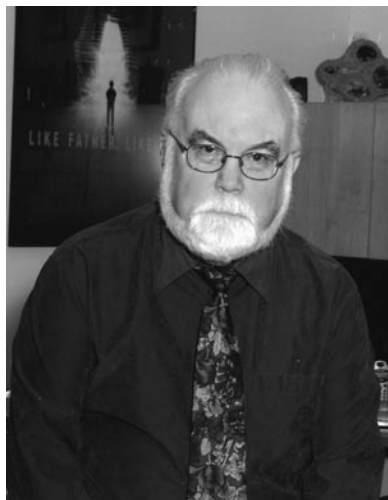
The primary research model studied in the Wade lab is the red flour beetle, *Tribolium castaneum*, a common pest found in grain. Wade and University of Texas biologist Jeffrey Demuth, PhD'04, just received a \$2 million National Institutes of Health grant to study the genetic basis of speciation in this pest.

Miriam Zolan was recognized for her significant research on meiosis and DNA repair, using *Coprinus cinereus*, a mushroom, as her research model. She was also honored for her outstanding contributions to genetics education.



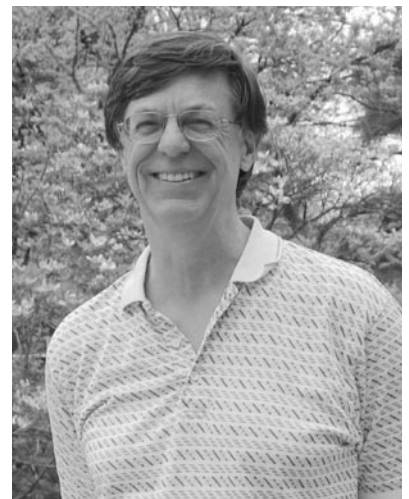
Courtesy Indiana University

Distinguished Professor Michael Lynch



Courtesy Indiana University

Distinguished Professor Thomas Kaufman



Trudy McConnell

Distinguished Professor Michael Wade



Courtesy Department of Biology

Professor Miriam Zolan



Chris Meyer

Professor Carl Bauer

Zolan has numerous IU teaching awards to her credit, including the Trustees' Teaching Award (2001, 2008), the Teaching Excellence Recognition Award (2000), and the Faculty Colloquium on Excellence in Teaching Award (1993).

Founded in 1848, AAAS is the world's largest general science organization. Fellows are peer-selected for their efforts to advance science. Election to the association is one of the highest U.S. science honors.

American Academy of Arts and Sciences Fellow

Distinguished Professor Wade was elected a fellow of the American Academy of Arts and Sciences last year. The academy, founded in 1780, exists "to mobilize the intellectual resources needed to anticipate, examine, and confront the critical challenges facing our society." He serves as IU's associate vice provost for faculty and academic affairs and is a 1999 recipient of the university's Teaching Excellence Recognition Award.

American Academy of Microbiology Fellows

Professors **Carl Bauer** and **Malcolm Winkler** were elected fellows of the American Academy of Microbiology in February. They join Professor **Patricia Foster** who was so honored last year. Academy fellows are vetted through a stringent peer-review process that judges both the scientific accomplishments of proposed candidates and their contributions to the field of microbiology.

Carl Bauer's research focuses on the evolutionary aspects of photosynthesis. Bauer has discovered key systems that bacteria use to regulate gene expression in response to

changes in environmental conditions such as light and oxygen. Understanding how bacteria thrive in such conditions could lead to new techniques that limit human bacterial infections. He also studies chlorophyll biosynthesis in organisms such as bacteria, plants, and algae.

Bauer's research encompasses biochemistry, cell biology, genetics, microbiology, and molecular biology. With such wide interests, he was the perfect choice to direct Bloomington's Interdisciplinary Biochemistry Program. Bauer is the Class of '54 Endowed Professor, an honor he has held since 2007.

Malcolm Winkler conducts basic research in *Streptococcus pneumoniae*, a human respiratory bacterial pathogen. He studies the mechanisms that allow this bacterium to resist antibiotics and spread virulently. Winkler directs our Biotechnology Training Program and serves on the editorial boards of the *Journal of Bacteriology*, *Antimicrobial Agents and Chemotherapy*, and *Annual Reviews of Microbiology*.

Bauer and Winkler were recognized at the American Society of Microbiology's annual meeting held this May in Philadelphia. Patricia Foster was recognized at the Society's June 2008 meeting.

Pat Foster is an expert on mutagenesis, the process that leads to permanent changes in the DNA. Using the model bacterium *Escherichia coli*, Foster has shown that stressed bacteria tend to mutate rapidly, a seemingly counterproductive action, considering the increased risk of mutational defects. Her groundbreaking research suggests, however, that these increased mutation rates may be an organism's attempt to survive destruction by achieving a beneficial mutation.

Foster's work with *E. coli* has potential



Chris Meyer

Professor Malcolm Winkler

benefit to people as well. For example, pathogenic bacteria often mutate to become resistant to antibiotics; understanding how that happens could lead to ways of preventing it. In addition, the mutagenic processes taking place in the bacteria could provide clues to similar processes that lead to cancer.



Ashley Rider Mattingly

Professor Pat Foster

Biology Alumni Newsletter

This newsletter is published by the Indiana University Alumni Association, in cooperation with the Department of Biology and the College of Arts and Sciences Alumni Association, to encourage alumni interest in and support for IU. For activities and membership information, call (800) 824-3044 or send e-mail to ialumni@indiana.edu. Visit the **Department of Biology's Web site** at bio.indiana.edu.

Department of Biology

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**COLLEGE OF
ARTS AND SCIENCES**

INDIANA UNIVERSITY
Bloomington

Bravo! Well Done!

Professor **Gerald Gastony** was honored last July at the Botany 2008 meetings hosted by the University of British Columbia in Vancouver. A symposium, titled “*From Gels to Genomics: The Evolving Landscape of Pteridology. A Celebration of Gerald Gastony’s Contributions to Fern Evolutionary Biology,*” showcased the major research advances brought about by Gastony and his academic offspring.

Seminar speakers included the following alumni who earned their doctorates with Gastony: Professor Christopher H. Haufler, MA’74, PhD’77, at the University of Kansas; Assistant Professor Takuya Nakazato, BS’97, PhD’05, at the University of Memphis; and Curator George Yatskievych, PhD’90, at the Missouri Botanical Garden. Michael S. Barker, one of our current Ph.D. candidates, also spoke. A former student of Gastony’s, Associate Professor Kathleen M. Pryer (Duke University), attended the event. She co-authored the talk presented by a member of her research team, Michael Windham (Duke’s Curator of Vascular Plants), who, coincidentally, was Haufler’s doctoral student.

The usually unflappable Gastony thoroughly enjoyed himself, saying, “It was a moving experience filled with touching reminiscences and great science, reminding me how very proud I am of the accomplishments of my former students and their students. Summaries of the talks and a figure depicting my forward genealogy will be published in the *American Fern Journal*.”

The National Science Foundation awarded an \$8 million, four-year grant to a team of researchers led by **Loren Rieseberg** and **Zhao Lai**. Rieseberg holds a joint appointment with us and with the University of British Columbia and Lai holds joint appointments with the department and IU’s Center for Genomics and Bioinformatics.

The project will study the genetics and genomics of Compositae, a family of flowering plants with economic importance that are evolutionarily interesting. IU will administer the funds and distribute them to collaborators at five partner institutions.

Structural biologist **Joel Ybe** leads a research team that will receive a four-year, \$1.2 million grant from the National Institutes of Health to continue their research on Huntington’s disease. Ybe works with IU chemist David Giedroc on the project.

New faces!

Biology’s faculty grows by 10

Biology continues to grow with the addition of 10 new faculty members. Joining our faculty as assistant professors are: Pranav Danthi, Ke Hu, Soni Lacefield, Kristi Montooth, Richard Phillips, Nicholas Sokol, and Andrew Zelfhof. Brian Calvi was hired as associate professor and Cheng Kao and Adam Zlotnick as professors.

Pranav Danthi did a five-year postdoctoral research stint at Vanderbilt University before joining our faculty. His research involves the viral and cellular determinants of virus-induced cell death and disease. The University of Arkansas for Medical Sciences awarded him a PhD in 2003.

Ke Hu joined the staff at the Scripps Research Institute in 2003, where she stayed until joining our faculty. Hu is a systems biologist who studies how cytoskeletal structures are organized and function in the eukaryotic parasite, *Apicomplexan*. She earned a 2008 Beckman Young Investigator Award that supports talented life-science and chemistry faculty in the beginning of their academic careers. Hu earned a doctorate from the University of Pennsylvania in 2002 and worked a year there as a postdoctoral fellow.

Soni Lacefield earned her doctorate from the Massachusetts Institute of Technology in 2003, followed by a five-year postdoctoral fellowship at Harvard University. Lacefield researches chromosome segregation and spindle checkpoint function in meiosis, using the budding yeast, *Saccharomyces cerevisiae*.

Kristi Montooth earned a PhD from Cornell University in 2005. She was a postdoctoral research fellow at Brown University, working with biologist David Rand. Her studies involve evolutionary

physiological genetics using *Drosophila* as her research model.

Richard Phillips, an ecosystems ecologist, arrived here after two years of postdoctoral research at Duke University. He earned his doctorate from Cornell University in 2005. Phillips says his research centers on the “bio-geochemical consequences of plant-soil-microbial interactions in terrestrial ecosystems.”

Nicholas Sokol’s doctorate came from Yale University (2001). He researches microRNA function in *Drosophila*. Sokol did a seven-year stint as a postdoctoral fellow at Dartmouth Medical School before coming to Indiana. It’s been a special year for him, thanks to the arrival of his son George, born last August.

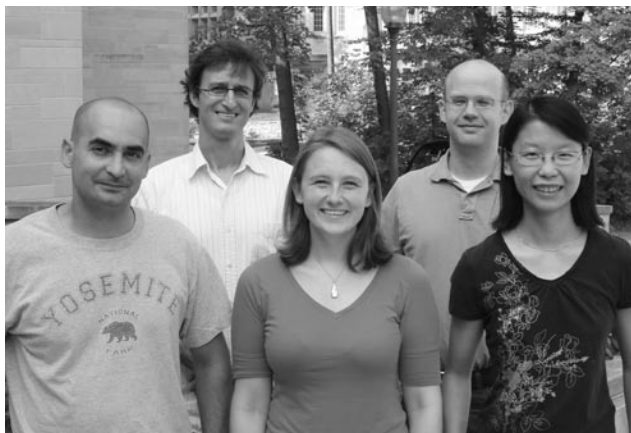
Andrew Zelfhof also conducts *Drosophila* research, studying photoreceptor development and function. He did two postdoctoral research fellowships, one at the University of Illinois and the other at the University of California, San Diego. UC San Diego is where Zelfhof earned his doctorate, in 1996. He is the proud father of Nerissa Zelfhof-Arriaga, born last September.

Associate Professor **Brian Calvi** came to us from Syracuse University. He researches cell cycle control of DNA replication and genome stability, using *Drosophila*. Calvi earned his doctorate from Harvard in 1993 and spent the next five years as a postdoctoral fellow at the Carnegie Institution of Washington. He is an American Cancer Society Research Scholar.

Professor **Cheng Kao** returns to us after five years on the faculty of Texas A&M University. He researches the biochemistry of RNA virus infection and innate immunity. Kao earned his doctorate from Michigan State University and did two postdoctoral

fellowships, one at the University of California, Los Angeles, and the other at the University of Wisconsin.

Professor **Adam Zlotnick** came to us from the University of Oklahoma Health Sciences Center. Zlotnick, who does viral research, earned his doctorate from Purdue University, followed by a National Research Council postdoctoral fellowship supported by the National Institutes of Health.



Some of our new arrivals: (front row from left) Zelfhof, Montooth, and Hu; and (back row) Phillips and Sokol.

D. J. Funkhouser

Biology remembers

Val Nolan 1920–2008

Professor Emeritus Val Nolan died March 27, 2008. He held joint appointments in law and biology, a distinction held by no other person in the history of this university.

Nolan graduated from IU in 1941 with highest honors in history. Afterward, he served as a Deputy U.S. Marshal and later as a member of the Secret Service in charge of protecting President Franklin D. Roosevelt. During World War II, Nolan served in the U.S. Navy and enrolled in the Navy's Japanese Language School, where he graduated in 1944 as the valedictorian. After the war, he returned to IU to receive his law degree, earning highest distinction. He was on the faculty of IU's law school for almost 40 years, serving as acting dean twice.

Nolan's passion for the law was equaled by his passion for ornithology. After 20 years of studying prairie warblers from a motivation of pure interest, he was given an appointment in the Department of Zoology. His research pioneered the strong tradition of bird study here at IU today.

Nolan earned two prestigious Guggenheim Fellowships, one for law and one for biology. He was a fellow of the American Association for the Advancement of Science and the American Ornithologists' Union. He held two ornithological awards, the AOU's Brewster Award for the most meritorious work on birds of the western hemisphere and a lifetime achievement award from the Wilson Ornithological Society, an honor that he shared with his second wife and fellow researcher, Distinguished Professor Ellen Ketterson.

"Val Nolan will long be remembered by this department for his wonderful science and his warm humanity," Distinguished Professor Jeffrey Palmer said of his colleague. Professor Ken Yasukawa, chair of the Biology Department at Beloit College, says of his former



Courtesy of Indiana University

Both the legal and science communities grieved when Val Nolan died.

mentor, "He was the most important person in my professional development. I owe him everything." Another former student, Dan Cristol, a professor at the College of William and Mary, appreciated the emphasis Nolan placed on the ability to communicate effectively. He still uses Nolan's dog-eared copy of *The Elements of Style* by Strunk and White. Cristol writes that he triple-checks every reference in his papers, adding, "I insist that my students do the same, much to their consternation. They'll thank me later, and I wish I had thanked Val more."



Courtesy of Indiana University Archives

Tony San Pietro, seen in the IU greenhouse, had a distinguished career studying the biochemical mechanisms of photosynthesis.

Anthony San Pietro 1922–2008

Distinguished Professor Anthony San Pietro died Sept. 13, 2008. He was 86.

Born in Brooklyn on April 22, 1922, San Pietro graduated from New York University in 1942. He was inducted into the U.S. Army shortly thereafter. San Pietro was selected for the Army Specialized Training Program, where he studied electrical engineering. Upon completion of the program, he spent the remainder of World War II serving on the Manhattan Project as a member of the Biochemistry Group.

San Pietro earned his Ph.D. from Columbia University and then accepted a two-year postdoctoral fellowship at Johns Hopkins University. He joined the Johns Hopkins faculty as an assistant professor of biology at their McCollum-Pratt Institute and was promoted to associate professor five years later. His research focused on the biochemical mechanisms of photosynthesis.

San Pietro joined the Kettering Research Laboratory in Yellow Springs, Ohio, in 1962 and taught biochemistry at Antioch College. He relocated to Indiana University in 1968

to chair the Department of Plant Sciences. San Pietro was named a Distinguished Professor of Plant Biochemistry in 1975.

Generations of premedical students took his rigorous undergraduate biochemistry course. San Pietro described undergoing quadruple bypass surgery in his autobiography and delightedly recalled that one of his doctors was a former student of his.

In 1980, he was appointed science adviser to IU's Office of the President. Even after his retirement, San Pietro continued making contributions to education. He participated in the Faculty and Staff for Student Excellence Mentoring Program until 2003 and was instrumental in creating an Alliance for Minority Participation in Science, Mathematics, and Engineering.

In 1983, San Pietro was elected a fellow of the National Academy of Sciences. He was particularly proud of this accomplishment.

It was at Johns Hopkins that San Pietro met his wife, Alice. The two married in 1953. Alice, who became a noted watercolorist, died in 2004.

Alumni notebook

Before 1960

In October 2007 former Indiana Gov. **Otis “Doc” Bowen**, BA’39, MD’42, LLD’76, received the John G. Walsh Award for Lifetime Contributions to Family Medicine from the American Academy of Family Physicians. The award is one of the highest honors bestowed by the AAFP, given at the discretion of the organization’s board of directors. Bowen lives in Bremen, Ind.

Jean Johnston Rouff, BA’46, has retired from classroom teaching. She lives in Paso Robles, Calif., with her husband, David.

In December 2007, **William H. Bear**, BA’52, retired after more than 50 years as an optometrist. His father, Oscar, began working as an optometrist in 1907, beginning a 100-year family tradition of eye care that continues with William’s granddaughter, Julie A. Ferguson, BS’04, OD’06, who practices optometry in Missouri. Bear lives in Madison, Ind.

In December 2007 the Vanderburgh County (Ind.) Board of Health appointed **Raymond W. Nicholson Jr.**, BS’52, MD’55, as full-time health officer. Previously, he served as interim health officer. Nicholson is also a charter member of the American Board of Family Practice. He lives in Evansville, Ind., with his wife, Cynthia (Harrington), BA’52.

1960s

Marianna Ritter Zaphiriou, BA’66, has been married to her husband, John, BS’67, MS’70, for 41 years. They have three children. The couple lives in Indianapolis.

Sandra Todd Bowen, BA’68, lives in River Falls, Wis., with her husband, Richard, athletics director for the University of Wisconsin–River Falls. They have two sons, Matthew, BS’95, and Mike.

On May 30, 2007, **Gregory J. Rozelle**, BA’68, MHA’74, retired as director of public health for Dayton and Montgomery County, Ohio. He also worked as an adjunct clinical professor at the Wright State University School of Medicine in Dayton. Rozelle and his wife, Vicky (Phillips), BS’68, MS’70, enjoy traveling and spending time with their grandchildren. They live in Vandalia and can be reached at GandV-Rozelle@aol.com.

1970s

Two IU alumni recently joined the intellectual-property law firm Lowrie Lando & Anastasi in Cambridge, Mass. **P. Louis Myers II**, BA’75, of Belmont, Mass., became a partner for the firm, and Catherine M. McCarty, BS’95, of Brookline, Mass., became an associate for the firm. Myers received a law degree from Harvard Law School and a PhD in biology from Harvard University. McCarty received a law degree from Harvard Law School and a master’s degree in organic chemistry from Yale University.

In January 2008, ophthalmologist **David J. Palmer**, BA’76, appeared on the Chicago television station WGN, discussing glaucoma and the American Academy of Ophthalmology on the station’s *Noon Show*. A clinical assistant professor for the Northwestern University Feinberg School of Medicine, he operates private practices in Chicago and Glenview, Ill. In June 2007, Palmer presented a lecture titled “Scleral Patch Graft Calcification and Erosion Following Molteno Implant Surgery” at the New England Ophthalmological Society Chandler-Grant meeting in Boston. He lives in Glencoe, Ill.

Ricki Aaronson Lewis, MA’78, PhD’80, published her first novel, *Stem Cell Symphony*, with Trafford Publishing. After leaving IU Bloomington, she has worked as a writer of life-sciences textbooks and articles. Details about Lewis’s book can be viewed at www.trafford.com/07-2401. She lives in Scotia, N.Y.

1980s

“On Jan. 2, 2007, I joined Tragara Pharmaceuticals [in San Diego] as an officer and vice president of regulatory affairs and development operations,” writes **Tracy L. Lawhon**, BS’88, JD’94, of Encinitas, Calif. “It is a new company and we have just licensed our first compound ... We will be focused on development in oncology, although this compound may have utility in other therapeutic areas too.”

1990s

Matt B. Helmen, BS’90, MD’94, Res’97, practices for the St. Vincent Physician Network in Indianapolis. He and his wife, Megan (Alerding), ’91, have five children — Jake, 10; Connor, 6; Jenna, 6;

Lauren, 6; and Ryan, who was born on Nov. 20, 2007. The family lives in Carmel, Ind.

In 2007, football I-Man **Jeffrey S. Purichia**, BS’90, MS’92, completed 15 years of teaching and started work at North Harrison High School in Ramsey, Ind. He coaches football and teaches physical education. Purichia lives in New Albany, Ind.

Michael P. Bauer, BS’93, is a registered patent attorney, he focuses his practice on patent prosecution and litigation. Bauer lives in Edgewater, N.J.

Harrison K. Rhee, BS’93, is a physician/urologist for Urology Specialists of the Carolinas. He lives and works in Charlotte, N.C.

Marianne M. Laporte, MA’94, is an associate professor of biology at Eastern Michigan University in Ypsilanti. She lives in Ann Arbor, Mich., with her husband, Sean E. Sabo, MA’92, and two children, Connor and Chloe.

In 2007, **Jason E. Marker**, BS’94, MD’98, Cert’00, MPA’02, a physician, was elected to the board of directors for the American Academy of Family Physicians. He has served on the board of directors for the Indiana Academy of Family Physicians since 2002. In addition to his private practice, Marker serves as president of the medical staff at the Community Hospital of Bremen, Ind., and as director of quality improvement at St. Joseph Regional Medical Center in Mishawaka, Ind. A recipient of the AAFP Mead Johnson Award for Graduate Medical Education, he lives in Mishawaka.

Kelly L. Howard, BS’95, is a chaplain at Good Shepherd Rehabilitation Hospital. She lives and works in Allentown, Pa.

Mitch A. Reid, BA’95, is an attorney for the law firm Andrews Kurth. He married his wife, Shannon, in October 2007. Reid lives and works in Houston.

Guy S. Eakin, BS’97, is director of research grants for the American Health Assistance Foundation in Clarksburg, Md. He received a PhD in developmental biology from Baylor College of Medicine in 2004. Eakin lives in Columbia, Md., with his wife, Michelle, a postdoctoral research fellow at Johns Hopkins Medical Institute.

Gregory T. Kitchin, BA’97, is district sales manager for Kitchin & Sons Inc. in Richmond, Ind. His wife, Stephanie (Wright), BS’96, is a stay-at-home mother and immediate past president of the Eastern Indiana Chapter of the IU Alumni Association. The couple lives in Richmond

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and recently celebrated the birth of their third child.

Michael C. McNamara, BS'97, is an actor and executive director of the Midwest Independent Film Festival. He has performed at the Steppenwolf Theatre, the Northlight Theatre, and with the European Repertory Company, all of which are located in Chicago. McNamara has also appeared in the movie *Barbershop 2* and on the television shows *Early Edition* and *Leverage*. He has worked as an emcee for national tours of Guinness Draught, *Maxim*, Coors Light, and Jeep Cherokee. McNamara lives and works in Chicago and can be reached at McNamara310@aol.com.

Nancy Bard Samol, BS'97, writes that she has finished a pediatric anesthesiology fellowship and joined the faculty at the Cincinnati Children's Hospital Medical Center. She lives in Cincinnati.

Tara L. Wright, BS'97, serves as funeral director for two establishments — SCI/Kuiper Funeral Home in Highland, Ind., and Chapel Lawn Funeral Home and Memorial Gardens in Schererville, Ind. She also works part time as a trade embalmer and teaches a fall semester of restorative art in the mortuary science department at the East Chicago campus of Ivy Tech Community College. Wright lives in Cedar Lake, Ind.

Jonathan F. Yates, BS'97, JD'01, is a registered patent attorney for the law firm Liell & McNeil Attorneys in Bloomington, Ind. He married Mandy J. Renschler, BA'00, traffic director for IU Bloomington Radio and Television Services, in October 2006. They live in Bloomington.

2000s

Catherine E. Kroczek, BS'00, DDS'05, of Indianapolis, writes that she is now an orthodontic resident at the IU School of Dentistry in Indianapolis.

Tiffany E. Owens, BS'00, OD'04, is executive director of Low Vision Center of Northeast Florida in Jacksonville, Fla. In November 2007, she traveled to Kibera, Kenya, and helped establish a free clinic for four days. The clinic served more than 1,700 Kenyans and distributed hundreds of pairs of free glasses. **Mel Wilson**, BA'70, OD'74, a partner and optometrist for Family Vision Care in Muncie, Ind., also participated in establishing the clinic. Owens lives in Jacksonville, while Wilson lives in Muncie.

Jennifer Kedzie Raff, BA'01, MA'08, PhD'08, accepted a postdoctoral research position with Professor Dennis O'Rourke

at the University of Utah, where she will conduct research on the human genetics of Arctic Peoples.

In 2007, four IU Bloomington alumni served as summer associates at the law firm Bingham McHale in Indianapolis: **Jared S. Sunday**, BS'01, of Bloomington, Ind.; Catherine A. Haines, BA'04, of Nashville, Tenn.; Mary E. Nyman, BA'05, of Fort Wayne, Ind.; and Tonya Vachirasomboon, BS'05, of Crown Point, Ind. All four alumni expect to receive their juris doctor degrees in May 2008.

Anna Bonfitto Rinkenberger, BGS'02, BS'06, is pursuing a master's degree in zoology at IU Bloomington. Her husband, Brandon, BME'01, is a project associate for the IUB Center for Evaluation and Education Policy. They live in Bloomington.

S. Luke Flory, MS'03, PhD'08, is a postdoctoral research associate with IU's Department of Biology. Flory received a three-year, \$240,000, Joint Fire Science Program Grant from the U.S. Forest Service and the Department of the Interior to study the effects of fire on Japanese stiltgrass, an invasive annual.

Aaron B. Aders, BS'04, is project manager for the search-engine optimization consulting firm Slingshot SEO in Zionsville, Ind. He lives in Indianapolis.

Stacy L. Howell, BS'05, is a third-year student at the IU School of Medicine in Indianapolis. In October 2007 she married **Brian M. Williams**, BA'05, MPA'07, who works for the Indiana Department of Environmental Management. The couple lives and works in Indianapolis.

Matthew J. Rubin, BS'05, is business development manager for IU Research and Technology Corp. in Indianapolis. He married Sarah E. Smith, BA'05, in May 2007. The couple lives in Indianapolis.

Erin L. Voegeli, Cert'05, BA'06, is a student in DePaul University's College of Law in Chicago. She plans to receive her juris doctor degree in May 2009. Voegeli lives in Chicago.

Brian M. Adams, BS'06, is a student in the IU School of Medicine in Indianapolis. He plans to graduate in 2010.

Michelle J. Allan, BS'06, is a manufacturing technician of downstream production for Lonza Inc. in Baltimore, Md.

(continued on p. 8)

Need help with your job search?

IU Alumni Career Services can help...

IU Alumni Association members* have full access to IU Alumni Career Services. We have resources for every step of your job search, and all can be accessed at www.ialumnicareers.com.

- Career assessments to help you choose a career
- Job board with new jobs posted daily
- Industry research databases
- Information on finding a job domestically (40 U.S. cities) and internationally (27 countries)
- Résumé and cover letter builder
- Mock interview software that uses your webcam

*These services will be available to you when your IUAA membership begins; approximately three months after graduation. Jump start your membership. Visit www.alumni.indiana.edu, click on "Join/Renew," then "New Grad 2for20 Plan."

For more information on IU Alumni Career Services, go to www.ialumnicareers.com.



Alumni notebook

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Aileen L. Anderson, BS'06, is an analytical chemist for Applied Laboratories Inc. in Columbus, Ind. She has also volunteered as a court-appointed special advocate for children. She lives in Columbus.

Ashley Bell Armstrong, BA'06, is an associate sterilization scientist for DePuy Orthopaedics Inc. Her husband, Adam, Cert/BA'06, is a sales partner for Da-Lite Screen Company Inc. The couple lives and works in Warsaw, Ind.

Karla M. Bales, BS'06, is a student in the physician assistant program at Barry University's School of Graduate Medical Sciences in Miami Shores, Fla. She plans to receive her degree in 2009. Bales lives in Miami.

Mark J. Barton, BS'06, is pursuing a master of physician assistant studies degree at Butler University in Indianapolis. He plans to receive his degree in 2009. Barton lives in Indianapolis.

Field hockey I-Woman **Kayla M. Bashore**, BS'06, is a member of the U.S. Women's National Field Hockey Team in Virginia Beach, Va.

Gabriel S. Britton, BA'06, is a student in the IU School of Law-Bloomington. He plans to receive his doctor of jurisprudence degree in 2010. Britton's wife, Lyla, BA'06, is vice president of MDI Corp. in Martinsville, Ind. The couple lives in Martinsville.

Emily D. Chambers, BS'06, is a student in Purdue University's School of Pharmacy and Pharmaceutical Sciences in West Lafayette, Ind. She plans to receive her doctor of pharmacy degree in 2010. Chambers lives in West Lafayette.

Eunice K. Choi, BS'06, is a student in the IU School of Medicine in Indianapolis. She plans to receive her degree in 2011. Choi lives in Carmel, Ind.

Sarah K. Colvin, BA'06, is a student in the IU School of Medicine in Indianapolis. She plans to receive her degree in 2010. Colvin lives in Zionsville, Ind.

Allison D. Crandall, BA/BS/Cert'06, is a reproductive biologist at Midwest Fertility Specialists in Carmel, Ind. She lives in Noblesville, Ind.

Bryan J. DiMatteo, BS'06, is a student in the IU School of Nursing in Indianapolis. He plans to receive his degree in 2009. DiMatteo lives in Indianapolis.

Annette C. Fearnot, BS'06, is a medical student at Wright State University in Dayton, Ohio. She plans to receive her doctor of medicine degree in 2010. Fearnot lives

in Dayton.

Erin R. Frazier, BS'06, is a student in the department of physician assistant studies at the University of St. Francis College of Nursing and Allied Health in Albuquerque, N.M. She expects to receive her master's degree in 2008 and plans to work in pediatrics.

Stefanie L. Frommeyer, BS/BA'06, is a research assistant for Harlan Bioproducts for Science Inc. in Indianapolis. She plans to enroll in the biology graduate program at IUB in fall 2009. In May 2007, Frommeyer married Alec O'Neal, '06.

Lenna J. Gordon, BA'06, is a student in the IU School of Dentistry in Indianapolis. She plans to receive her doctor of dental science degree in 2010. Gordon lives in Carmel, Ind.

Rachel M. Hannebaum, BS'06, is a graduate student in the physical therapy program at Washington University in St. Louis, Mo. She plans to receive her doctorate of physical therapy from the university's school of medicine.

Ryan C. Hart, BA'06, is a student in the IU School of Medicine in Indianapolis. He plans to graduate in 2011. Hart lives in Indianapolis.

Elizabeth A. Hasenmueller, BS'06, is a graduate student in the Department of Earth and Planetary Sciences at Washington University in St. Louis, Mo. Hasenmueller, who earned a BS in both biology and geological science, lives in St. Louis.

Meredith L. Hill, BS'06, is a teacher and tutor for Chicago Public School's supplemental educational services program. She is also a student in the College of Medicine/Graduate Medical Education at the University of Illinois-Chicago. She lives in Chicago.

Amy L. Hoffman, BS/BA'06, is a student in the IU School of Medicine in Indianapolis. Hoffman lives in Carmel, Ind.

Frank N. Hrisomalos, BS'06, is a student in the IU School of Medicine in Indianapolis. He plans to receive his doctor of medicine degree in 2010. Hrisomalos also volunteers for the American Hellenic Educational Progressive Association and writes that he enjoys racquetball and golf. He lives in Carmel, Ind.

Derek M. Humphrey, BA'06, is a district manager for Cook Medical Inc. in New York City, where he lives.

Jeffrey A. Hutchens, BS'06, is a student in the School of Pharmacy and Pharmaceutical Sciences at Purdue University in West Lafayette, Ind. He plans to receive his doctor of pharmacy in 2010. Hutchens has also served as an intern at CVS Pharmacy in

Lafayette, Ind., and as an anatomy teaching assistant at Purdue University.

Since September 2007, **Susan N. Jackson**, BS'06, MPH'07, has interned at the Center for the Study of Health Disparities in the Department of Health and Kinesiology at Texas A&M University in College Station. She has also volunteered with the AmeriCorps program and worked with the Indiana Minority Health Coalition and the Black Nurses Association of Indianapolis in the summer of 2007. Jackson lives in College Station.

Megan L. Kinney, BFA/BA'06, is a validation technician for Baxter BioScience. She lives and works in Newbury Park, Calif.

Henry R. Knouse, BS'06, is a student in the DeBusk College of Osteopathic Medicine at Lincoln Memorial University in Harrogate, Tenn. He plans to receive his doctor of osteopathic medicine degree in 2011.

Grace Lin, BS/BA'06, is an MD/PhD student in the University of Pennsylvania's School of Medicine in Philadelphia.

Jessica L. MacKey, BS'06, is a district manager for Cook Inc. She lives and works in Bloomington, Ind., with her husband, Craig, a student at IU Bloomington and a sales representative for Crystal Springs.

Meghan R. McDonough, BS'06, works for Q Laboratories in Cincinnati, where she lives.

Ryan D. Meshulam, BS'06, is a student in American University of the Caribbean's School of Medicine in Cupecoy, St. Maarten.

Tara D. Miller, BS'06, is a student in the physician assistant program at Butler University's College of Pharmacy and Health Sciences in Indianapolis. She plans to receive her master's degree in 2010.

Adam E. Nevel, BS'06, is a student in the IU School of Medicine in South Bend. He plans to receive his doctor of medicine degree in 2011. Nevel lives in South Bend.

Trang H. Nguyen, BS'06, is a student in the IU School of Medicine in Indianapolis.

Benjamin G. Northcutt, BS'06, is a student in the IU School of Medicine in Indianapolis. He plans to receive his degree in 2010. Northcutt is married to **Dania I. Ng**, BS'06, a nursing student at Bellarmine University in Louisville, Ky. The couple lives in Indianapolis.

Melanie T. O'Day, BS'06, is a PhD student in the department of entomology at the University of California, Riverside.

Eva M. Olin, BS'06, is a graduate student in the School of Public and

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Environmental Affairs at IU Bloomington. She plans to receive her master's degree in environmental science in 2009.

Mark C. Osborne, BS'06, is a student in the Chicago Medical School at Rosalind Franklin University of Medicine and Science. He plans to graduate in 2011. Osborne, who earned two bachelors of science degrees from IU in 2006, lives in Highland Park, Ill.

Hetal B. Patel, BA'06, is a student in Nova Southeastern University's College of Pharmacy in Palm Beach Gardens, Fla. She plans to receive her doctorate of pharmacy degree in 2011.

Erin A. Pratt, BS'06, MS'08, completed a pre-professional, non-thesis master's degree in biology at IUPUI. She was engaged to be married in July 2008. Pratt lives in Greenwood, Ind.

Neil B. Ramolia, BS/BA'06, is a student in the IU School of Medicine in

Indianapolis. He plans to receive his doctor of medicine degree in 2010.

Kaitlin R. Rice, BS/BA'06, is a student in the IU School of Medicine in Indianapolis. She plans to receive her doctor of medicine degree in 2010. Rice lives in Indianapolis.

Kathleen D. Shifley, BS'06, is a student at Rush University Medical College in Chicago. She plans to receive her doctor of medicine degree in 2011. Shifley lives in Chicago.

In July 2008, **Jennifer C. Sitjar**, BS'06, began attending the IU School of Dentistry in Indianapolis. She expects to receive her doctor of dental science degree in 2012. Sitjar lives in Rochester, Ind., and writes she will move to Indianapolis in the summer.

Elissa Stransky, BS/BA'06, is a bioanalyst/biochemist for Advanced Testing Laboratories in Cincinnati. In May

2007, she received a non-thesis master's degree in biology from Purdue University in Indianapolis.

Michael E. Teague, BS'06, is a student in the IU School of Medicine in Indianapolis. He plans to receive his doctor of medicine degree in 2010. Teague lives in Greenwood, Ind., with his wife, Zoë.

April N. Wheeler, BS'06, is assistant scientist I at Cook Pharmica. She lives and works in Bloomington, Ind.

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Lookin' good!

Simon Hall wins top design honors



Chris Meyer

Award-winning Simon Hall, as seen through the atrium windows in Jordan Hall.

IU Bloomington's Simon Hall earned High Honors from *R&D Magazine* in its "Lab of the Year" architectural competition. The magazine's editorial staff teamed with lab planners, engineers, architects, equipment suppliers, and the editors of *Laboratory Design Newsletter* to judge submissions. Simon Hall earned the highest rating in last year's contest.

The building is featured in an *R&D* article titled "Collaborative Research in the Heartland." The piece lauds the university for fostering interdisciplinary science by wisely locating Simon Hall next to the existing biology, physics, and chemistry buildings, instead of relegating the facility to the edge of campus. "Indiana University's Simon Hall creates an environment for current and future research in a setting that maintains one of the strongest architectural heritages in academia," the article states. It goes on to praise IU for "preserving the woods and using the limestone to make the building look like it's been there as long as its neighbors."