

# BIOLOGY

Spring 1997/Vol. 11

## Indiana University Alumni Newsletter

College of Arts & Sciences Alumni Association

### Plastids, promotions and parenthood

*It's been a great year for Jeff Palmer*

Jeff Palmer's noteworthy accomplishments are all the more impressive when you realize that he is only 41. By his mid-thirties, Palmer had gained an international reputation in the evolution of molecular and subcellular structures in plants. His pioneering work in this area earned him the international David Starr Jordan Award and a prestigious two-year Grant Extension for Special Creativity from the National Science Foundation.

The past year brought even more acclaim. The university promoted him to Distinguished Professor, and he was selected to chair the Department of Biology. In recommending Palmer for the promotion, Marc Muskavitch wrote, "He has yet to reach the apex of his career. His drive, energy, enthusiasm, and creativity will ensure his continued presence among the most distinguished faculty of our university."

Palmer researches the origin and evolution of genetic information at three levels: whole genomes — those of the chloroplast and mitochondrion, individual genes, and parts of genes — their introns. Work he did in conjunction with University of Pennsylvania biologist David Roos and six co-authors was recently featured in *Science*.

These scientists examined single-celled parasites, including those that cause toxoplasmosis and malaria. Toxoplasmosis is one of the leading causes of death in AIDS patients. It can be contracted from cat feces and is a risk to pregnant women and their unborn children.

The Palmer/Roos research teams determined that these parasites pilfered chloroplasts from green algae long ago. The parasites have retained these ancient, nonphotosynthetic chloroplasts as organelles of their own, called plastids.



Greg Whitaker Photography

The plastids' function in the parasites is unknown. It is hoped that herbicides might be used against these plastids, thereby leading to the eventual eradication of malaria and toxoplasma infections.

Palmer shares adjoining lab space and some equipment with his wife, Miriam Zolan, who is also on the biology faculty. Zolan, an associate professor, studies fungal genetics, specifically meiosis and DNA repair in the mushroom *Coprinus cinereus*. Palmer and Zolan find the proximity of their labs convenient, and the shared equipment is cost effective.

The two adopted their second child, Michael, in October. Michael was welcomed into the family by 7-year-old Nicholas, who relishes his role as big brother.

*(See photo continuation on page 2)*

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✓ Look for Jeff Palmer's article, *A Plastid of Probable Green Algal Origin in Apicomplexan Parasites*, in the March 7 issue of *Science*.

✓ For information on Palmer and Zolan's research, visit their Web sites: <http://www.bio.indiana.edu/people/faculty>.



# Biology family loses Charles and Mary Hagen

The faculty and staff of biology lost a well-loved colleague when Professor Emeritus of Botany Charles William Hagen died last year on Nov. 5. Hagen was 78. The tragedy deepened when his wife, Mary, died a few weeks later, on Nov. 22.

Hagen earned his doctorate from IU and was a staff biologist with the Metallurgical Laboratories of the Manhattan Project from 1943 until 1946. During this time, Hagen studied the effects of radiation on animals. Of particular interest to him was the effect of a single high-dosage exposure versus the effect of multiple lower-dosage exposures. His research led in part to the use of controlled radiation in the treatment of certain types of cancer.

In 1946, Hagen joined the IU faculty. During his career here, he served stints as acting chair for the Department of Botany and the Division of Biological Sciences. He was also associate dean of the College of Arts and Sciences, associate dean for facilities, dean for resource development, and director of long-range planning. Hagen retired from the Department of Biology in 1983.

Two of his former students reflected: "In 1955, we were classmates in Dr. Hagen's cell physiology course, which met at the improbable hour of 7:30. ... We knew even then that we were lucky to have a very good and, except for the early hour, compassionate teacher. Maturity and experience have led us to the conclusion that he was better, and we were luckier, than we realized."

Hagen was a tireless supporter of the Hilltop Gardens and Nature Center and spent much time and energy in the planning and development of the IU Arboretum. He held memberships in the American Association for the Advance-



IU Photographic Services

*Charles Hagen works in his lab during the early 1960s.*

ment of Science, the American Institute of Biological Science, the American Society of Plant Physiology, the Botanical Society of America, the American Association of University Professors, and the Society for College and University Planning. He was also a Guggenheim Fellow and a Fulbright Research Scholar.

Mary Hagen received a master's degree from Indiana University in 1959 and taught elementary school locally until her retirement in 1982. She was active in various quilting and weavers groups and often taught workshops on quilting throughout the East and Midwest.

They will be missed.

— Matthew Press

## Plastids, promotions

*(continued from page 1)*



Greg Whiraker Photography

*Jeff Palmer and his wife, Associate Professor Miriam Zolan, have adjoining labs and share equipment.*

### Biology Alumni Newsletter

This newsletter is published annually 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 Indiana University. For membership or activities information, call (800) 824-3044, or e-mail [ialumni@indiana.edu](mailto:ialumni@indiana.edu).

#### Department of Biology

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News Editor ..... Kathy E. Wyss

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THE  
COLLEGE



## Farris says, 'You can do it!'

Dave Farris loved Indiana University. He grew up in Bloomington and knew the campus well. Tuition in the late forties was inexpensive and jobs selling soft drinks at ball games and bellhopping at the Union helped pay for his undergraduate studies.

In return for his efforts, Farris felt that IU gifted him with "a damn fine education" in zoology. Embryologist Ted Torrey was chair of the department then and William Breneman's annual lecture, "Via Cadillac to Kalamazoo and You," was becoming a popular campus tradition. Limnologist Bill Ricker interested Farris in aquatic research, and Dave spent his summers working at the university's biological station at Winona Lake. "I had a wonderful time," he once proclaimed of those years.

Farris graduated in 1950 and headed for Stanford University, where he enrolled in a doctoral program in biology. He hadn't been there three weeks when polio struck, forcing him to return home to convalesce. Undaunted, he eventually returned to complete his degree.

Farris was on the faculty at San Diego State College for many years. Generations of students learned the wonders of biology from this dedicated teacher.

He traveled extensively after his retirement, despite being confined to a wheelchair. Travel agents quickly learned to accommodate him. Farris cruised Alaska, took an African photo safari, and traveled to Paris, Amsterdam, China, and Canada. His brother, Bob, and sister-in-law, Barbara, made numerous car trips throughout the United States with him. Those of us in biology welcomed his travelogues and howled at the reported antics of the two brothers on their various expeditions.

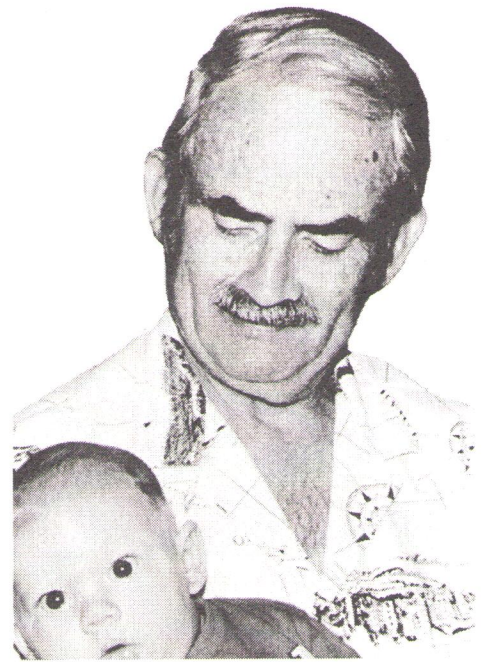
In 1995, Farris established a fund at Indiana University to support undergraduate biology education. As he told then-acting chair Marc Muskavitch, "I have no desire to create a monument to myself, but a strong desire to help sustain those who would join us."

Farris was particularly interested in lending a hand to promising students. "Tuition and books are higher now than when I was in school. I'm not sure it's even possible for today's students to

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*"Tuition and books are higher now than when I was in school. I'm not sure it's even possible for today's students to earn enough to pay for their schooling with part-time jobs the way I did."*

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*Dave Farris, holding grandson Zachary in 1992, encourages students.*

earn enough to pay for their schooling with part-time jobs the way I did."

The first Farris Fund award went to biology major Laurie DeWees, who studies animal behavior. A single parent, DeWees returned to campus to complete her undergraduate degree after an 18-year absence.

DeWees desperately wanted to attend marine classes at the Dolphin Research Center in Florida, but her budget wouldn't stretch that far. The Farris Fund was combined with allocations from the Fernandus Payne Scholarship and the Sears Crowell Marine Biology Fund. Even then, her trip would not have been possible if departmental alumnus **Steve Skahen** hadn't stepped forward to complete the necessary funding.

Farris was delighted with the opportunity he helped provide. He wrote to DeWees: "I hope...you have learned that 'you can't do it' is an unacceptable philosophical construct. If you can't do it one way, try another."

That philosophy was how Farris lived his life. Be it overcoming polio or convincing a cruise line to allow an unaccompanied individual in a wheelchair to travel to Alaska, Farris knew what he wanted and set about to get it. Much to our sorrow, he died in December 1996. However, David Farris will live on through his family and through the generations of biology students who will benefit from his generosity.



*Biology major Laurie DeWees, the first recipient of the Farris Fund award, is towed by a finny friend at the Dolphin Research Center in Florida.*



# Alumni class notes

## 1950s

**Larry D. Ratts**, BA'59 Zoology, MD'63 IU School of Medicine. Has family practice in Bloomington. Recently affiliated with Integ Health System P.C.

## 1960s

**Mark R. Axelrod**, BA'69 Zoology, MA'77 Comparative Literature. Recently taught a screenwriting workshop at the International School of Film and TV, in Havana, Cuba.

**John M. Burns**, PhD'69 Zoology. Recently appointed vice provost for academic affairs, Texas Tech U.

**Russell J. Dukes**, BA'68 Zoology, MD'72 IU School of Medicine. Recently spent five months in Kenya treating patients.

**Carol A. Franklin**, BS'68 Biology, EDD'81 Science Education. A 1995 U. of Redlands, Calif., Outstanding Faculty Service Award recipient. Professor of education and director of Education Administration Program at Redlands.

**Theodore R. Legler II**, BA'68 Optometry, BA'69 Zoology, OD'71 Optometry. Retired from U.S. Army with rank of Colonel. Joined faculty, IU School of Optometry, Bloomington.

**William J. Tobe**, BA'67 Zoology. Project manager, Effective Management Systems Inc. Lives in San Carlos, Calif.

**Judy Edwards Vogel**, BA'65 Bacteriology. Manager, International Medical and Global Coordinating at Eli Lilly, Indianapolis. Enjoys her work-related travel.

**Robert R. Wylie**, BA'61 Zoology, MD'65 IUSOM. Works for Bloomington Hospital medical office, Nashville, Ind.

## 1970s

**Frank J. Aberger**, BA'74 Biological Sciences, MD'77. Staff physician, Gunderson Clinic, La Crosse, Wis.

**Steven K. Ahlfeld**, BA'75 Biological Sciences, MD'79 IU School of Medicine. Named to the Indiana Basketball Hall of Fame Silver Anniversary Team.

**Michael J. Bartiss**, BA'75 Biological Sciences. Practicing pediatric ophthalmology in Pinehurst, N.C., with Carolina Eye Associates. Wife: Kathleen; three children: Kelsey, Nolan, Maeve.

**Roberta Karibo Bennett**, BA'76 Biology/Chemistry. MD'80. Psychiatry residency.

**Donald L. Centers**, BA'73 Biological Studies. Partner at Harrison and Moberly, Indianapolis. Co-chair, Indiana State Bar Association's Legislation Subcommittee; member of its Civil Rights of Children Committee.

**David R. Cleppe**, BA'79 Biology/Chemistry, DDS'83 IU School of Dentistry. Private practice in Niles, Mich.. Lives in Granger, Ind., Wife: Donna.

**James N. Combs**, BA'71 Biological Sciences. Practicing veterinarian. He and wife, Lynn, have three sons.

**Samuel W. Cullison**, BA'70 Zoology. Director of Family Practice Residency Program at Providence Hospital, Seattle. Serves

as chair for Washington State AMA delegation; member, Board of Trustees, Washington State Medical Assoc. Wife: Beth Trussell Cullison, BS'70 Educ., MS'71 Educ.; two sons: Sam and Rob.

**Claudia B. Douglass**, BS'72 Biological Sciences, MAT'74 Biology. Director, Central Michigan Science/Mathematics/Technology Center, a resource for area teachers. Biology professor at Central Michigan U.

**Mark L. Failla**, MA'75 Microbiology, PhD'76 Microbiology. Professor and acting chair, Department of Food, Nutrition and Food Service Management at U. of North Carolina, Greensboro. Received second UNCG Research Excellence Award. Consulting editor, *Nutrition Reviews*. Married to **Lori Thellmann Failla**, BA'76 Biological Sciences.

**William C. Graffeo**, BA'75 Biological Sciences. Practices Emergency Medicine, Bethesda Hospital, Zanesville, Ohio. Lives in Granville, Ohio. Wife: Monica; daughters: Kristen and Julianne; son: Brendon.

**Steven M. Green**, BA'78 Biological Sciences, DDS'81 IUPUI. Indiana Basketball Hall of Fame's Silver Anniversary Team.

**R. Daniel Grossman**, BA'73 Biological Sciences, MD'76. Owner of Promptcare Physicians Clinics in Bloomington. Ophthalmologist, owner of the Eye Center, part owner, Southern Indiana Surgery Center.

**Peter J. Hartz**, MA'71 Zoology. Recently appointed chief information officer, Industrial Indemnity Inc., San Francisco.

**John C. Johnson**, BA'71 Zoology, MD'74 IU School of Medicine. Director, ECP Healthcare, Valparaiso.

**Susan D. Kaminski**, BA'77 Biological Sciences, MBA'80 Operations Management. Recently elected vice president of business development by Nationwide Insurance of Columbus, Ohio. Board member, Women's Opportunity Fund, advisory board member, Children's Defense Fund.

**Catherine E. Meyer**, BS'74 Biological Sciences, MA'79 Biological Sciences, MSES'81 Field Biology. Named Historic Southern Indiana Outstanding Interpreter of the Year 1994. President, Environmental Education Association of Indiana. Employed by Monroe County (Ind.) Parks and Rec. Dept. Has a daughter, Holly.

**Thomas L. Ortel**, BS'79 Microbiology, MD'85 IU School of Medicine. Assistant professor of medicine, Division of Hematology, Duke U. Medical Center.

**David J. Palmer**, BA'76 Biological Sciences. Appointed president, Chicago Glaucoma Society. Wife: Sharona; son: Jordan.

**Marisa Wilson Parker**, BA'78 Biological Sciences. Administrative support specialist for the Dir. of Community Development, Newport News Redevelopment and Housing Authority. Major, Medical Services Corps, U.S. Army Reserve.

**Tommy J. Phelps**, BA'75 Biological Sciences/Chemistry. Staff Scientist, Environmental Sciences Division at US DOE Oak Ridge National Laboratory. Lives in Knoxville with wife Susan Pffiffer.

**Robert L. Quackenbush**, MA'76 Microbiology, PhD'77 Microbiology. Employed with the Nat. Institutes of Health, Bethesda. Lives with wife, Kathryn, in Rockville, Md.

**Karen Blair Rosen**, BA'77 Biological Sciences. Optometrist with Rosen Optometry Associates, St. Louis. On Missouri St. Board of Optometry.

**Richard D. Rowlands**, BA'77 Zoology. Employed by Einstein/Noah Bagel Corp. Relocated to Golden, Colo. Married to **Eileen M. Underwood**, MA'76 Zoology, PhD'79 Biology. Their children and assorted reptiles are adjusting well to the new surroundings.

**Arthur I. Sagalowsky**, BA'70 Zoology, MD'73, Res.'78 Urology. Named holder of the Dr. Paul Peters Chair in Urology, U. of Texas Southwestern Medical Center at Dallas.

**Karl D. Schmidt**, BA'70 Zoology, DDS'75 IUPUI. In private practice in Indianapolis. Specialist in working with the hand-capped. Nationally ranked runner (45-49). Past delegate, Republican National Convention.

**Laura M. Schramm**, BA'76 Biological Sciences\Telecom-

## ➔ Looking for an IU friend or classmate?

Subscribe to the Indiana Alumni Network at [www.alumnet.indiana.edu](http://www.alumnet.indiana.edu). Alumni can also access it via the IUAA web site at [www.indiana.edu/~alumni](http://www.indiana.edu/~alumni).

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munications. With Coopers and Lybrand's Financial Risk Management Group, Hong Kong.

**Joseph W. Sibbitt**, BA'78 Biological Sciences. Vice president of Sales, Hilliard Lyons stock brokerage, Bloomington office.

**John A. Tessler**, BA'73 Biological Sciences. National Sales Manager, Helena Laboratories, Beaumont, Texas. Wife: Sally. Sons: Chris, 13, and Matt, 7.

**Geoffrey A. Weinberg**, BS'78 Biological Sciences, MD'82 IU School of Medicine. Asst. prof. of pediatrics and director, Maternal/Pediatric HIV Program, U. of Rochester School of Medicine. Wife: Susan Gernstein Weinberg, BA'79; three children.

**Roger W. Wiseman**, BA'79 Biological Sciences/Chemistry. Currently head researcher, Comparative Carcinogenesis Group, Natl. Inst. of Environmental Health Sciences. Recently presented findings on genes linked to breast cancer. Married to Lynn Richardson.

**Allen P. Wolnerman**, BA'75 Biological Sciences. Owns and operates three pharmacies in Des Moines. Married to Amy Hollander Wolnerman, OD'78. Two children: Daniel and Sheri.

## 1980s

**Jane E. Anderson**, BA'88 Biology. MD. Pursuing podiatric medicine residency at Stanford. Husband, Dr. Alan Backo, is in same program.

**Henry J. Bausback**, BA'89 Biology, OD'93 Optometry. Private practice in Michigan City with his father Michael C. Basett, BA'61, BS'63, OD'64.

**Joel L. Bez**, BS'87 Biology. Private practice in anesthesia in Lansing, Mich. Son, Alex, born in August '94.

**Steven D. Billings**, BS'87 Microbiology, MD'95 IU School of Medicine. Doing residency in pathology at IU. Wife: Elizabeth.

**Jeffrey C. Brown**, BS'80 Microbiology, JD'95. Associate attorney with Minneapolis law firm, specializing in product liability and intellectual property.

**Victoria L. Crecco**, BA'83 Biology. Member, Avia Midwest Aerobics Demonstration Team.

**Robert D. Deitch Jr.**, BA'80 Biology/Chemistry, MD'84 IU School of Medicine, Residency '89 Ophthalmology. Recently joined staff of Methodist Hospital, Indianapolis, as a specialist in ophthalmology. Practices with the Midwest Eye Institute.

**Linda J. Dennis**, BS'83 Biology, MD'87 IU School of Medicine. Practicing anesthesiology in Worthington, Ohio. Husband: James Smith; three children: Hans, David, Olivia.

**Thomas P. Dooley**, PhD'86 Molecular, Cell and Developmental Biology. Joined faculty of Southern Research Institute, Birmingham, Ala., taking the Alabama Power Co. Endowed Chair. Also director of Molecular Pharmacology Program.

**R. Scott Dougall**, BS'87 Biology. Cardiology sales rep. for Cook Inc. Lives in Nashville, Tenn. Interests: wakeboarding, water skiing, snow skiing, running, swimming, reading, watching IU sports, spending time with family, friends, and his dogs.

**Arthur R. Drago**, BA'85 Biology. International sales manager, Martin Yale Industries, Wabash. Lives in Fort Wayne.

**William L. Ebbs**, BA'83 Biology/Sociology. Director of dental services for the Whitman Walker Foundation, Washington, D.C.

**Daniel J. Fagan**, BS'88 Biology, MD'92 IU School of Medicine. Joined Internal Medicine Associates of Bloomington. Wife: Marilyn; children: Patrick, Joseph, Mary Claire.

**Keith L. Hayes**, BA'84 Biology. President, Keith L. Hayes and Assoc. Inc. Married to Lili Leavell Hayes, BA'81 Biology, IUPUI, MD'86 IUSOM. Children: Keli and Courtland.

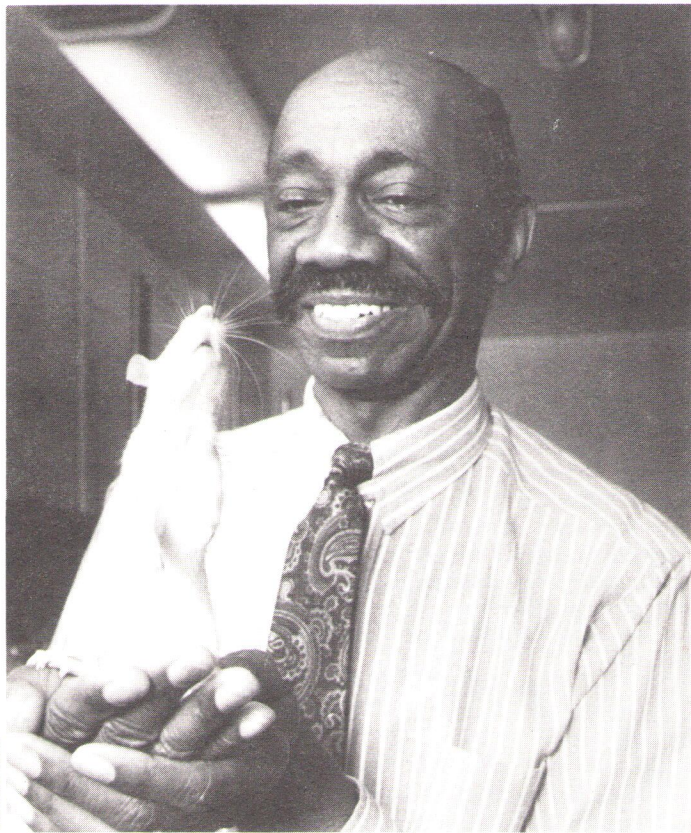
**Jody Jones**, BS'86 Biology, MD'90 IU School of Medicine. Has OB/GYN practice in Farmington Hills, Mich.

**Sheryl Kaiser King**, BA'83 Biology/Chemistry, MD'91 IU School of Medicine. Pediatric residency completed 1995. Practices in Bloomington.

**Thomas E. Klootwyk**, BA'82 Biology. Inducted in February '96 as Fellow, Am. Academy of Orthopaedic Surgeons. Lives in

## Alumni (faculty) profile

# Jim Holland recognized as outstanding teacher — again



Garret Ewald

Good teaching comes as naturally to Jim Holland, MA'58, PhD'61, as does breathing. This soft-spoken man loves what he does and it shows. IU students flock to his classes. Many a student chose a major in biology after taking his introductory course. Countless alumni return to campus to visit him.

Holland has an impressive array of teaching awards to his credit, and, this year, he earned two more.

He was named an Indiana University Faculty Colloquium on Excellence in Teaching Award winner. He was selected in recognition of his commitment to teaching and his impact on student learning.

Holland also received the Herman B Wells Lifetime Achievement Award from the IU Student Foundation. He was commended for his contribution to the IU community and his dedication to the student body.

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Indianapolis.

**Nicholas Landekic**, MA'82 Biology. Vice president of business development, Guilford Pharmaceuticals.

**Cheryl L. Lent**, BS'87 Biology. Zookeeper, Indianapolis Zoo. Lives in Bloomington.

**Polly Lybrook**, BA'82 Biology, MD'88 IU School of Medicine. Recently named medical director, South Central Community

*(continued on page 6)*



## Class notes

(continued from page 5)

Mental Health Centers.

**Tim W. McDaniel**, MSES'85 Applied Ecology, MA'85 Ecology and Evolutionary Biology. Environmental health and safety manager, Navistar International Transportation Corp., Springfield, Ohio. Recognized by state of Ohio for outstanding achievements in pollution prevention.

**Kenneth E. Nicholson**, BA'87 Microbiology. Dist. sales manager, Cook Critical Care. Lives in Canton, Mich., with wife, Laura, and one child. Enjoys golf.

**Mark N. Nolting**, BA'81 Biology. Wife: Mavis; daughter: Jessica, born Feb. 6, 1996. They live in Carrboro, N.C.

**Lisa A. Patterson**, BS'83 Biology, MD'87. Asst. dir., trauma surgery service, Kings County Hospital, Brooklyn, N.Y. Dir. of surgical clerkship for medical students at SUNY, Brooklyn, School of Medicine.

**Jeffrey A. Platt**, BA'80 Biology/Chemistry, DDS'84 IU School of Dentistry. Received the Maynard K. Hine Scholarship at IUPUI. Practices in Fort Wayne and teaches in the dental education division of IUPUI Fort Wayne.

**Nancy A. Roberson**, BA'80 Biology. Medical practice in OB-GYN. Assistant clinical instructor, U. of Rochester, director of residency education, Highland Hospital. Was keynote speaker at a past IU Biofest.

**Diane Stroup**, BS'84 Microbiology, MA'86 Microbiology. Received a Young Investigator Award from the Giovanni Lorenzini Medical Foundation. Teaches Microbiology at North-eastern Ohio Universities College of Medicine. Awarded a National Research Award Postdoctoral Fellowship from the Nat. Institutes of Health.

**Craig S. Tepper**, MA'82 Zoology. Awarded tenure and promoted to assoc. professor of biology at Cornell College, Mount Vernon, Iowa.

**Glenn M. Van Otteren**, BS'84 Biology, MD'88 IU School of Medicine. In private practice in Grand Rapids, Mich.

**Alastair J. Warr**, BS'87 Biology, BA'88 Chemistry, JD'91. Recently elected a partner in the law firm of McNamar Fearnow and McSharer, Indianapolis.

**David A. Warzyniak**, BS'88 Biology, DDS'92. Entered family dentistry practice in Bloomington.

**Randy J. Woods**, BS'87 Biology, MD'91. Fellowship at the U. of Pittsburgh Trauma and Surgical Critical Care Unit.

### 1990s

**Donnita L. Aigner**, BS'94 Biology. Finished conservation officer training; assigned to Fort Benjamin Harrison, St. Park. Has a rabbit, Zorro.

**Lindsay V. Alexander**, BA'94 Biology. Attending medical school at Ohio St. U. Interested in family and internal medicine. Cat, Bodi. Active with church, gardening, cooking, hiking, canoeing. Misses Singing Hoosiers.

**Lizette Angel**, BA'94 Biology. Pharmaceutical rep., Johnson and Johnson's Ortho-McNeal division. Ran the 500 Mini-Marathon.

**Jacqueline M. Armstrong**, BS'94 Biology. Lab manager and clinical trial coordinator for a neurourology research lab, U. of Colorado Health Sciences Center, Denver. Enjoys mountain and road biking.

**Danielle Bentz Bechert**, BS'94 Biology. Attending IU Medical School. Was married in August 1995. Enjoys running, movies.

**Gretchen K. Bergendahl**, BA'94 Biology and Psychology. Working at IU Medical Center in stem cell transplant lab.

**Kristin S. Best**, BS'94 Biology. Int'l. customer service rep., ICN/BIOMED and Pharmaceuticals. Volunteers at a rehab. center; helps with beach clean-ups; enjoys scuba diving; involved in a

child-court advocacy program.

**Joy Collier Bohon**, BS'91 Biology. Student, IU School of Medicine. Husband: Steve; daughter: Pearl.

**Deborah A. Bornemann**, BA'94 Biology. Biology/physical science/Spanish teacher, Seccina High School, Indianapolis. Married George Dunn, BS'94 Biochem., June 1996. Coaches the high school dance team.

**Joel B. Braunstein**, BS'92 Biology. MD. Currently in internal medicine residency at Harvard Medical School. Plans to specialize in cardiology. Wife, Stephanie, is IU graduate. Enjoys writing, running.

**Carrie Atkinson Britt**, BA'94 Biology. Pursuing science teaching certificate, grades 5-12. Was married in April 1995. Has one pet, enjoys walking, cross-stitch, and cooking.

**Shannon M. Burke**, BA'94 Biology. Earning a master's in teaching. Interested in teaching high school biology. Substitute teaches.

**Christina L. Clutter**, BA'94 Biology and Psychology. Flight attendant recruiter for ATA Airlines. Likes Indy-Car racing; hopes to find a job in racing. Lives in Zionsville, Ind.

**Paul R. Colbert**, BS'94 Biology. Interested in environmental law program. Substitute teaches. Has two cats. Activities: tai chi, aikido, chess, reading, dancing.

**Stephanie J. Colson**, BS'94 Biology. Attending IU School of Medicine. Husband: Bryan Shaupe. Active in the Crohn's and Colitis Foundation of America. Enjoys walking, exercising, shopping.

**Timothy L. Dabler**, BA'94 Biology. Chemical engineer at Solvay Enzymes, Elkhart, Ind. Basketball coach at St. Thomas Catholic Church in South Bend. Involved in softball, soccer, skiing.

**Carolyn Bransky Davidson**, BS'91 Biology. Attending Chicago College of Pharmacy, in Pharmacy Doctoral Program. Plans to be a clinical pharmacist.

**Karin S. Dorman**, BS'94. Graduate student in biomathematics at UCLA. Active in Sierra Club. Parks service volunteer. Manages several bulletin board forums on the Internet. Enjoys windsurfing, camping, traveling in Mexico.

**Alix D. Dowling**, BS'94 Biology. Pursuing master's in wildlife ecology at Texas A&M. Studying habitat fragmentation affects on migratory birds. Teaches lab for undergraduate ornithology course. Plans to pursue a PhD. Has two birds, one cat. Volunteers with the National Park Service, enjoys hiking and bird watching.

**Jill M. Ebner**, BS'94 Biology. Environ. scientist, Indiana Dept. of Environ. Management.

**David R. Elkins**, BS'94 Biology. Completed Cook County Hospital Physician's Asst. Program. Works for a urology practice in Bloomington. Married, one son. Hopes to form a local association for mid-level medical practitioners. Has pet fish and a cat, enjoys scuba diving.

**Tamara N. Erisman**, BS'94 Biology. Pursuing graduate studies in neuroscience/medical research, cell structure biology, U. of Illinois, Urbana. Has two dogs. Enjoys theater, painting, horseback riding, reading.

**Sylvia Ertel**, BS'94 Biology. Attending N.Y.U. Medical School. Enjoys New York City.

**Mary M. Felger**, BS'94 Biology. In the Peace Corps, through August '97, Iten, Kenya. Assigned to agro-forestry. Interested in teaching forestry conservation.

**Michele T. Fenton**, BA'94 Biology. In Optometric Tech. Program, IU Optometry School. Active in the IU Alumni Association. Enjoys cross stitch and needlepoint.

**Kimberly S. Flinn**, BS'94 Biology. Attends IU Medical School, on an Air Force scholarship. Hopes to do an ob/gyn residency. Engaged to Robert Foster, '94 History. Works with pregnant teens in Jeffersonville. Enjoys running and aerobics.

**Emily Busch Fox**, BA'94 Biology. Employed with Hudson's Department Store. Volunteer, emergency dept., Sparrow Hospital, in Lansing, Mich. Married to **Derek B. Fox**, BS'93 Biology, who is



in veterinary school at Michigan St. U. They have one dog, Indiana.

**Matthew E. Gauthier**, BS'94 Biology. Attends dental school, U. of Illinois-Chicago. Does dental exams for children at an inner city health clinic. Interests are basketball and brewing beer.

**Paula M. Gensheimer**, BS'94 Biology. Medical student at IU School of Medicine, Muncie. Has a cat, Stanley. Interests are movies, music, socializing.

**Stephanie E. Gleissner**, BS'94 Biology. Toxicology biologist, product safety, Searle Pharmaceuticals. Lives in Chicago, "with a view of the lake!" Member, Chicago Youth Foundation, working on after-school programs for teens. Enjoys Chicago, the Art Institute, rollerblading, marathons.

**Michael W. Gravett**, BA'94 Biology. Registered paramedic and Nashville (Ind.) City Police reserve deputy. Preparing for medical school. Dog is a black Lab.

**Sally Green**, BS'95 Biology. Earning a PhD at U. of Mich. Member, LGB Speakers Bureau, UM. Advocate on gay/lesbian rights issues.

**Stephen J. Handrich**, BS'94 Biology. Attending the Medical College of Wisconsin. Member of Eastbrook Church, Milwaukee. Runs marathons.

**Craig E. Haseman**, BA'94 Biology and Chemistry. Attends IU School of Medicine. Wife: Lisa; son: Nicholas. Enjoys basketball and waterskiing.

**Todd A. Hellman**, BS'94 Biology. MD/PhD student at Ohio St. U. Dog: Duke. Interests: computers, dancing, music, biking, camping.

**Alan L. Henderson**, BS'95 Biology. Plays professional basketball for the Atlanta Hawks.

**Deborah L. Hendrickson**, BA'94 Biology, Environmental Studies. Quality assurance chemist for Cargill Inc., Blair, Neb. Married to Andrew Briggs. Two dogs, Molly and Indiana, one cat, Miles. Active in the Water Environment Assoc. Involved in aerobics, crafts, recycling, politics.

**Andrea M. Hinds**, BS'94 Biology. Attending law school at IUPUI. Plans a career in patent law. Has a cocker-spaniel, Bernard. Involved in Big Brothers/Big Sisters. Enjoys traveling, rollerblading, politics, friends.

**Andy S. Hipkind**, BS'95 Biology. Awarded the 1995 National Top Senior Award, given by Phi Gamma Delta fraternity. Attending IU Medical School.

**Andrew S. Hobbs**, BS'94 Biology. Attending IU Dental School. Has a dog and a cat. Engaged to Jenny Dawes. Enjoys water and snow skiing, archery hunting.

**Jessica L. Jackson**, BS'94 Biology. Student in Butler U.'s Physician's Assistant Program. Pharmacy technician at a Cubs' Pharmacy.

**Patricia A. Jackson**, BS'94 Biology. Pursuing a master's in physical therapy, Old Dominion U.

**Carla N. Jacobson**, BA'94 Biology. Environmental scientist, Indiana Dept. of Environ. Management. Writes free-lance travel articles. Training for triathlons. Engaged. Has a cat.

**Matthew W. Jeffries**, BS'94 Microbiology. Graduate student, U. of California, Davis. Studys plant pathology. Wife: Moumita Dutta Jeffries. Involved in a strategy game club. Enjoys scuba diving, computers, live theater, science fiction.

**Sihun A. Kim**, BS'94 Biology. Medical student, IU School of Medicine. Active with CFC Christian Church. Interests: playing basketball, guitar, working out, reading, IU sports, Colts and Pacers.

**William E. Knobloch**, BS'94 Biology. Attending medical school at Ohio St. U. Engaged to Stephanie Cullen, BA'94 Speech and Hearing Sciences. Participates in educational health programs. Enjoys tennis, biking, reading.

**Mark Koonce**, BS'94 Biology. Research asst. in Chicago area. Has two pet snakes, Jesus and Baby. Hospice and EMT volunteer. Active defender of the environment.

**Brian W. Korreck**, BS'94 Biology. Attending dental school.

Enjoys soccer and skiing.

**Jay S. Krutulic**, BS'94 Biology. Pursuing a PhD, neuroscience, Emory U. Cheers on IU sports with other Atlanta-based IU alumni. Member of the Georgia Appalachian Trail Club. Enjoys sailing, hiking, scuba diving, and in-line skating.

**Chad G. Kuhlman**, BS'94 Biology. Attending medical school at IU South Bend. Student extern in the Memorial Hospital (South Bend) surgical facility. Enjoys fishing, running, hiking, and the outdoors in general.

**Morgan J. Lidster**, BS'94 Biology. Started a small business with her father, growing and selling salt water fish and corals. Little time left for anything else.

**Amy B. Locke**, BA'94 Biology. Attends medical school at U. of Michigan. Interested in family practice. Involved with Am. Medical Women's Assoc. and Am. Medical Student Assoc. Gardens, reads.

**Jennifer S. Logan**, BS'92 Biology, BA'92 Journalism. In human genetics PhD program at the U. of Utah, Salt Lake City. Working on the molecular origins of colon cancer. Likes to rock climb, ski.

**Gary S. Louderback**, BS'94 Biology. Plans to enter dental school, fall 1996. Has two cats: Zoey and Ellie Mae.

**Henry E. Mang**, BS'94 Biology. Summer of '95, was an Indiana DNR Fisheries biologist aide. Enjoys hunting and fishing.

**Jason E. Marker**, BS'94 Biology. Attends IU Medical School. His wife, Kirsten, BS'94 Edu., teaches seventh-grade science.

**Jonathan P. Martin**, BS'94 Biology. Flavor chemist for F & C Wild Flavors Co., Cincinnati.

**Michelle R. Mease**, BA'94 Biology. Environmental technician, Columbia Gas Transmission Corp. Lives in Pittsburgh. Active in Sierra Club, enjoys all outdoor activities.

**Paul J. Mintz**, BS'93 Biology. Graduate student in molecular microbiology, SUNY, Cold Spring Harbor Laboratory. Was married in May 1995 to Laura McGreer, BMUS'93.

**Jennifer T. Morris**, BA'94 Biology and Environ. Studies. Law student, IUPUI. Swim coach for the Lawrence Swim Team. Competitive and sponsored cyclist.

**Sheila Noroozi**, BS'94 Biology. Living in Florida, pursuing MS in biomedical sciences. Plans to attend IU Medical School. V.P., Am. Medical Student Assoc. Cat: Jiggy; dog: Puffy. Enjoys theater, travel, friends, and Florida beaches.

**Mary E. Page**, BS'94 Biology. Attending Bowman Gray School of Medicine, Wake Forest U.

**Lawrence E. Park**, BS'94 Biology. Attending IU Dental School. Busy with studies. Looks forward to having time for basketball and being a Big Brother.

**Stephanie L. Pence**, BS'94 Biology. Dental student at IU.

**Laura J. Perron**, BS'94 Biology. Technical support writer for drinking water lab, South Bend. Considering Purdue for horticulture. Interests include needlework, gardening, working out, biking, and cross-country skiing.

**Kevin D. Plummer**, BA'94 Biology and Chemistry. Molecular technologist and project flow manager for Lark Sequencing Technologies. Married, with a new daughter. Has two rabbits. Enjoys softball, playing guitar and drums. Interests include motorcycles and trains.

**Michael A. Probst**, BS'94 Biology. Enrolled at IU Dental School. Has a dog, Mich. Active with the dental fraternity and the Newman Catholic Center. Enjoys basketball, running, and biking.

**Arti Raj**, BS'94 Biology. Attending IU Medical School. Volunteers at a local hospital. Active in tennis and bike riding.

**Martin B. Richman**, BA'94 Biology and Chemistry. Attending Medical College of Ohio. Engaged to Lisa Marofsky. Enjoys reading, sports.

**Alison L. Robinson**, BA'94 Biology. Veterinary tech. Plans to pursue a PhD in ornithology or animal behavior. Involved with environ. group in Gainesville, Ga. Interests are bird watching, photography, and Australian Rules Football. Recently was married to an Australian.

*(continued on page 8)*





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## Class notes

(continued from page 7)

**Craig H. Robinson**, BS'94 Biology. Attends veterinary school.

**Daniel L. Rowady**, BS'92 Biology. Attends Wayne St. Medical School. Hobbies: martial arts, guitar, music, in-line skating.

**Robert M. Rutan**, BS'94 Biology. High school biology teacher, Aurora, Ill. Active in youth ministry. Enjoys scuba, hiking, and playing guitar.

**Kelly R. Rymer**, BS'94 Biology. Interested in zoo education. Married to Kirk Martinson. Living in New Brighton, Minn. Likes tennis and dolphins.

**Nathan P. Sanburn**, BS'94 Biology, MS'95 Biology, IUPUI. Works at an IU Medical Center lab. Plans to attend medical school. Married, has two sons. Activities include hunting, fishing, tennis, and family time.

**Christina Schlegel-Victor**, BS'92 Biology. Attending Purdue School of Veterinary Medicine. Plans to work in the Bloomington area. Was married to Aaron Victor in September 1995.

**Thomas S. Schussler**, BS'94 Microbiology, MS'95 Physiology, IUPUI. Currently a medical student at IU School of Medicine. Engaged to Tiffany Buller, BS'94 Biochemistry. Active with Terre Haute Center for Medical Education.

**Keith S. Sharkey**, BS'94 Biology. Working at Diagnostic Cytology Labs, Indianapolis. Enjoys basketball, tennis, and golf.

**Scott M. Silver**, BA'94 Biology and Psychology. Attending Wayne St. Medical School. Lectures at inner city schools on STD's, AIDS, and contraception. Hobbies include sailing, windsurfing, and watching IU basketball.

**Andrew M. Singer**, BS'94 Biology. Attending IU Medical School. Involved in lung cancer research. Engaged. Two cats.

**Jon J. Smith**, BS'94 Biology. Attending medical school at Ross U., Dominica, West Indies.

**Chad Sperry**, BA'94 Biology. An entrepreneur, living in Carmel, Ind., with his cat. Enjoys working out and biking.

**Lisa B. Spevacek**, BS'94 Biology. IU School of Optometry student. Member, IU Am. Optometric Student Assoc.

**Andrew M. Stoehr**, BS'94 Biology. Veterinary tech. Enjoys

hiking, camping, brewing beer, and playing banjo.

**Amy E. Sundermeyer**, BA'94 Biology, Environmental Studies. Law student at IU. American Red Cross swimming instructor. Has a cat named Mouse. Enjoys dancing, reading, and jogging.

**Vanessa E. Sute**, BS'94 Biology. Veterinarian Tech. Plans to attend Northern Illinois U., for a public health degree. Enjoys working out.

**Bradley D. Torphy**, BA'94 Biology. Indianapolis dist. sales rep. for Janssen Pharmaceutica.

**David E. Traul**, BS'94 Biology. Pursuing a PhD, biomedical sciences, Medical College of Ohio, concentrating in neuropharmacology. Lives in Toledo.

**Trina R. Trusty**, BS'94 Microbiology. Earning a BS in medical technology, IUPUI. Involved in Campus Crusade for Christ. Enjoys waterskiing.

**Danica M. Vasilchek**, BS'94 Biology. Attends IU Medical School, Terre Haute campus. Enjoys tennis, aerobics, swimming, cooking, watching "Friends" and "ER" on TV.

**John S. Vedo**, BS'94 Biology. Working for Searle Co., in Skokie, Ill. Volunteers at Shedd Aquarium, Chicago.

**Brian E. Viets**, PhD'93 Ecology and Evolutionary Biology. Received the Dr. Margaret J. Prouty Faculty Teaching Award, from Nebraska Wesleyan U., in recognition of teaching excellence.

**Chad A. Wiesenauer**, BS'94 Biology. Attending IU Medical School, Bloomington campus. Plans to practice in Louisville. Active soccer player in the Monroe County leagues. Competes in triatholons. Rides his new motorcycle.

**Wendy A. Wilson**, BS'94 Biology. Microbiologist, doing water testing. Lives in Bloomington. Enjoys aerobics and helping on the corp. board for Alpha Xi Delta sorority.

**Andrea Summers Winkler**, BA'94 Biology. Married. Attends Medical Technology School in Indianapolis. Enjoys aerobics and rollerblading.

**Heather Keiffer Wolfe**, BS'94 Biology. Medical student at IU School of Medicine. Married to James Wolfe. Puppy: Maggie.

**Erik J. Woods**, BA'94 Biology. Veterinary student at Purdue. Engaged. Has a ferret and tropical fish. Brews beer.