

Indiana University

BIOLOGY

Vol. III, No. 1

Alumni Newsletter

Spring 1986

College of Arts & Sciences—Graduate School Alumni Association

The Alumni Collection . . .

Be a part of it

The new wing of Jordan Hall sparked a resurgence of interest in the history and traditions of biology at Indiana University. We discovered that students here have very little appreciation for the tradition of excellence in biology. Even though they chose Indiana because the department is highly ranked, they had little knowledge of the people who contributed to our fine reputation.

We addressed that problem a bit in the new wing by turning one of the main hallways into a gallery featuring photographs of faculty who have made outstanding contributions to biology at Indiana. The exhibit begins with Richard Owen, David Starr Jordan, and Carl Eigenmann, and moves through Dr. Payne, Dr. Kinsey, Dr. Weatherwax, Dr. Torrey, Dr. Breneman, Dr. McClung, Dr. Briggs, and Dr. Rhoades. The Nobel Prize winners who have been associated with the department and faculty who are members of the National Academy of Sciences are also listed.

Unfortunately, the gallery only spotlights faculty. Certainly our alumni are also responsible for the fame and success of the department. To make students aware of you, we propose to collect your publications in a special section of the reading and study room on the main level of the Biology Library. It will be called, not too surprisingly, The Alumni Collection.

Florence Flemon Miller (AB Zoology '26) sparked the idea by offering the department a copy of her book, *One Generation Speaks*. She wrote it at the insistence of her family who reasoned that any female who enjoyed a prolific research career in science at a time when women were not particularly welcome, traveled the world over, and still has



Biology Library reading room

pithy opinions at 84, had something to say.

Florence entered Indiana University in September 1922, and enrolled in mathematics, English, French literature, and zoology and experimental evolution, taught by Dr. Fernandus Payne. As Florence put it, "his second lecture sealed my fate, and from then on it was science for me." She rubbed elbows with famous scientists, for from her freshman year on, she worked with Dr. Kinsey on his gall wasp collection. (Her handwriting is tiny to this day.) Florence graduated Phi Beta Kappa and received the first license to teach biology in Indiana.

To "gain experience" for teaching, she went to work at the Carnegie Institution, Washington, DC, in a position for which Dr. Payne recommended her.

In her research there, she perfected a technique to remove the pituitary gland from a species of wild pigeon in sufficient quantities for chemical analysis. This resulted in junior authorship on two papers.

It also allowed her "to write her own ticket" for a position in the Boyce Thompson Institute for Plant Research on Long Island. Here she conducted landmark studies on peach seed dormancy, the effects of low temperature on hibernation of insects in the egg stage, and solved the mystery of why germination rates in the Umbelliferae family were so low. She found that carrots and dill, two commonly grown members of this family, had many seeds without embryos. Eventually she discovered that the family was particu-

larly vulnerable to the insect *Lygus* which fed on embryonic fluid and destroyed the seed. Florence found a way to film the feeding activity through a microscope. This work resulted in an invitation to the Fourteenth International Horticultural Congress in Holland where she was presented to Queen Juliana. By the time she retired from active research, Florence had published over 60 articles, married, and traveled to almost every corner of the world.

One Generation Speaks is a wonderful way to begin the Alumni Collection in Biology. We know that many of you have written textbooks, novels, poetry, nonfiction, reminiscences, biographies, and so on that would be valued by students here. We hope you will donate a

signed copy with a short autobiography which will be glued to the frontispiece of the work. Students will then be able to learn about your life and training as they read your book.

We intend that these books be perused and read by students. The reading/reference/study room of the Biology Library is the envy of campus with its skylights and three-story ceiling. Bookcases line three of the four walls, and it is always filled with students and faculty. Steven Sowell, our Head Librarian, is excited about showcasing alumni publications. He will reserve centrally located (and clearly identified) bookcases, and do exhibits on the books written and donated by alumni. We want students to know the books are here, and take advantage of the accu-

mulation of experience and intelligence represented on those shelves. We also want students to recognize the value society puts on those educated in biology in Indiana.

So join this educational effort. Donate a copy of your *bound* tome, opus, anthology, almanac, digest, portfolio, journal, manual, textbook, novel, treatise, tract, handbook, codex, libretto, album, play, or lexicon. We draw the line at reprints (for they are already in the library). Your gift will show undergraduates, graduates, and even faculty how creative and productive you are and what they might anticipate in their lives. Help us with the Alumni Collection, and come to Jordan Hall and visit your book.

Lend a helping hand

If you have not yet written your "magnum opus" but would like a chance to interact with undergraduates, consider the Alumni Allies Program. As you probably remember, the common role models for biology students are physicians, dentists, and professors. Past that, students don't know anything about the options a degree in biology gives them. That is where Alumni Allies make all the difference, for your experiences in banking, sales, retail, management, hospital administration, brokerage houses, law, and so on can effect how an undergraduate sees the world of work. Your assistance means that current majors will have access to information to help them make the best possible impression when interviewing and the best possible career decisions.

Alumni participating in this program offer all kinds of assistance. Some conduct on-site interviews with students—others interview by phone. Bryon Braun (Biology '77) chose to come to campus to participate in a panel discussion on careers in business for liberal arts majors. Others forward information about possible employment with their corporation. Some Alumni Allies recruit on campus. Still others provide help in getting oriented when graduates move to their communities.

If you are interested in becoming involved at any level, let us know or contact the Arts and Sciences Career Planning and Placement Center on Jordan Avenue. Give students the kind of help you might have needed in your time.

BIOLOGY ALUMNI NEWSLETTER

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Department of Biology

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 News Editor Susan Green
 Photographer Karl Longstreth

College of Arts and Sciences

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Hey, look at them now!

The Department of Biology is in the enviable position of having faculty, staff, students, and alumni who are worthy of recognition, and in fact, receive it. Here is a list of the more recent kudos. If you know of others, let us know.

ALUMNI

Marsha Altschuler (PhD Plant Sciences '81) Two years of post-doctoral work in molecular biology; now assistant professor of biology, Williams College.

Gregory Anderson (PhD Plant Sciences '71) Named secretary, Organization of Tropical Studies (of which the department is again a member).

Michael Bentz (BA Biology '80) Won the W. Emory Burnett Prize in Surgery given to the Temple University Medical School graduate considered to have done outstanding work in surgery.

Wendy (Farmer) Boss (PhD Plant Sciences '77), Tenure, Department of Botany, North Carolina State.

Peter Cahn (BA Anat & Phsl '53) Board of Directors, National Society to Prevent Blindness.

David Cowen (BS Biology '83) MD-PhD Program, University of Kentucky School of Medicine; chosen Outstanding Student in Neurosurgery, recipient of Dean's Fellowship Award.

Jeff Doyle (PhD Plant Sciences '81) Received the Cooley Award for his pa-

per "Molecular and Morphological Approaches to the Evolution of a Polyploid Complex" from the American Institute of Biological Sciences.

Stan Eisen (PhD Zoology '78) Awarded a Teaching Excellence Award at the University of Tennessee, Center for Health Sciences.

Christopher H. Haufler (PhD Plant Sciences '77) Named chair, Department of Botany, University of Kansas, Lawrence, KS.

Young Min Kim (PhD Microbiology '81) assistant professor of microbiology at Yonsei University, Seoul, Korea; soon to begin post-doctoral work at Great Lakes Freshwater Labs in Milwaukee, WI.

Charles P. Land (BA Microbiology '68) National Board of Directors, Volunteers of America.

Mark Muesing (BA Zoology '76) Sequenced the AIDS virus, "Nature" 1985, while working at Genentech.

Rudy Pozzatti (BA Biology '76) Post-doctoral study, National Institute of Health, Bethesda, MD.

Tom Sargent (BA Biology '75) Post-doctoral study, National Institute of Health, Bethesda, MD.

Michael Schmidt (PhD Microbiology '85) Post-doctoral study, Department of Microbiology, State University of New York, Stony Brook, NY.

Robert B. Sutor (PhD Zoology '77) Named associate professor of biology, Vassar College.

Roberta Wallace (BS Biology '79) Graduated first in class, Cornell School of Veterinary Medicine; internship with National Zoo, Washington DC.

Kathryn J. Wilson (PhD Plant Sciences '76) Named acting chair, Department of Biology, IUPUI, Indianapolis.

Richard A. Young (BS Biology '75) assistant professor, Department of Biology and Whitehead Institute, MIT, Cambridge, MA.

FACULTY/STAFF/CURRENT STUDENTS

Vickie Arwinski—Biology Outstanding Staff Award, 1985.

David Baas, PhD Candidate, Zoology—Outstanding AI in Biology, 1985.

Cheryl Blake, PhD Candidate, Microbiology—Garner Award, best student presentation at Indiana branch of American Society for Microbiology meeting.

William R. Breneman—Honorary Doctorate of Science, Indiana University, 1985.

Clifford Carpenter—Esther Kinsley Dissertation Award, Spring 1984; currently doing a post-doc in San Diego.

Tom Dooley, PhD Candidate, Molecular, Cellular, and Developmental Biology—Raymond Sarber Fellowship Award, American Society of Microbiology; Helen Hay Whitney Foundation Award for three years of overseas study.

Virginia Flack—Biology Outstanding Staff Award, 1985.

David Frey—Distinguished Service Citation, Ecological Society of America; Fulbright Grant to University College, Dublin, Ireland, Fall 1985.

Howard Gest—Office of the Vice President Distinguished Faculty Research Lecture Award.

Charles Heiser—Distinguished Economic Botanist in 1984, named by the Society of Economic Botanists.

Patty Hooten—Biology Outstanding Staff Award, 1985.

James Holland—Brown Derby Award, 1985; Senior Class Council Outstanding Teaching Award, 1985.

John Lemon—Biology Outstanding Staff Award, 1985.

George Malacinski—Distinguished Teaching Award, College of Arts and Sciences—Graduate School Alumni Association.

Umnarj Paeratakul, PhD Candidate, Microbiology—Outstanding AI in Biology, 1985.

John Preer—Office of the Vice President Distinguished Faculty Research Lecture Award; President-Elect Society of Protozoologists.

Rollin C. Richmond—Elected a Fel-

low of the American Association for the Advancement of Science.

Milton Taylor—Fogarty International Fellow, 1984-85, to spend sabbatical in Rome, Italy, working in Institute of Virology, University of Rome Medical School. Invited to hold workshop on virus replication, NATO Summer School, Rome, Italy.

E.D. Weinberg—Lecturer in Foundation for Microbiology Lecture Program.

Gene Williams—Biology Undergraduate Student Association Outstanding Teaching Award, 1985.

Frank Young—Appointed Student Advocate by Dean of Students, Michael Gordon.

Comings and goings . . .

COMINGS

The good news is that five new faculty members were hired last year, and three haven't run screaming from the department after six months "in residence." **Associate Professor Peter Cherbas** comes to us from Harvard University. His research centers around the problem of different tissues responding differently to the same steroid. He uses two *Drosophila* genes in this work. He has also identified molecules of interest because of their role in hormone response and will study their genes by molecular and classical techniques.

Assistant Professor Judith Jaehning, formerly a member of the Department of Biochemistry, University of Illinois, Champaign-Urbana, uses baker's yeast to study the interaction of RNA polymerase, protein factors, and DNA sequences which lead to accurate transcription of a gene.

Assistant Professor Gary Janssen will actually arrive on campus next fall for he is still in Norwich, England, at the John Innes Institute completing research in progress. We trust that the wooded, bucolic atmosphere of Bloomington will win him over.

Associate Professor Elizabeth Raff, previously appointed senior scientist in the department, is off and running, teaching a sophomore-level Cell Physiology course and continuing to study tubulin gene expression and the control of microtubule function in *Drosophila*.

Assistant Professor Samuel Skinner comes to us (eventually) from the University of Wisconsin's Department of Genetics. At the moment, he is completing an NSF Post-doctoral Fellowship at the University of Chicago in environmental biology. He uses theoretical modelling and experimental manipulation of the wasp, *Nasonia* (= Mormo-

niella) *vitripennis* to focus on genetic conflicts over the sex ratio to test sex allocation theory. We hold the thought Hyde Park will intimidate him sufficiently so that Bloomington's charm and low crime rate will enchant him.

GOINGS

One of the joys of academic life is that retirement doesn't force us to say goodbye to friends and colleagues. The process seems more natural as most faculty simply stop teaching, keep a lab in the department, and continue their research without pay. We benefit from their company, wisdom, and experience, while they presumably thumb their noses at any unpleasant duties and revel in those they enjoy.



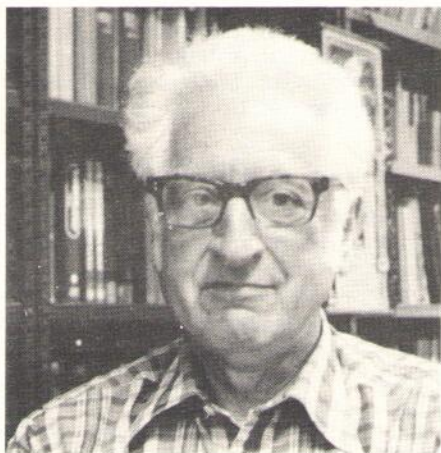
Virginia Flack

After almost thirty-six years, **Virginia Flack** has left biology. Many of you knew her as the stabilizing force in the botany departmental office. She ran a tight ship yet had time to track down missing financial aid, fight other peo-

ple's battles, commiserate with misery, tell racy stories, and play bridge. Her affection for students and loyalty to faculty was legendary. Virginia cared about us all. She reared a department and her own two children. When botany became plant sciences and then part of biology, Virginia moved to the herbarium and the Undergraduate Advising Office where a new generation of students benefitted from her spunk, common sense, and caring.

These days the hallways echo with her laughter once a week when she comes in to type for Dr. Heiser and to keep us posted on her battles with the telephone company and county politics. On to other things, Virginia, with our affection. Those things will be better for your attention too.

David Frey's name is synonymous with limnology. Since 1950, he has been Indiana's driving force in aquatic biol-

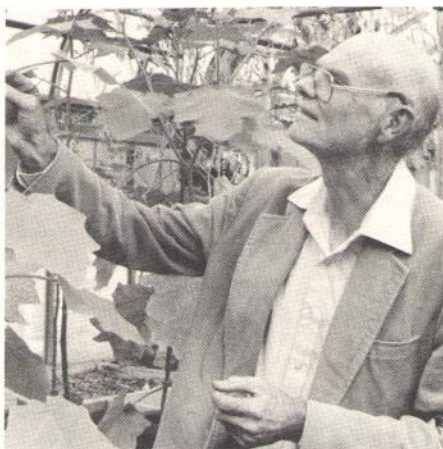


David Frey

ogy. Hundreds of students have struggled with waders, bottom samplers, and term papers under his watchful eye. David has published in every major ecological journal and been named editor of several. His research has taken him around the world, and he remains a productive scientist to this day. How many faculty receive a Fulbright within a year of their retirement? He loves music, takes interest in his graduate students, and drives a Volvo which should have retired long before him.

It is no small accomplishment to take a walk with **Charles Heiser** . . . and keep up. That is still true, and he has been stretching the legs and minds of students since 1947. Few faculty members have been so prolific in their writings and done so much to familiarize the public with botanical concepts. His books on the sunflower, deadly nightshade, and recent work on the Jerusalem artichoke have entertained and en-

lightened us all. He traveled, took an active role in the herbarium and the greenhouse, and taught majors, nonmajors, and graduate students. He has



Charles Heiser

the respect of his peers and his students and a good deal more to say about the world of plants.

Barbara Shalucha has always done things the hard way. As one of the first women faculty, she met obstacles women today would find incredible. As the only member of the botany faculty whose interest was truly horticultural, she must have felt that she was swimming upstream when the rest of the world was floating downstream, with entertainment. But she became well known in her field, and she contributed to her community in a way few faculty can match. She established Hilltop Gardens in Bloomington which have brought pleasure and an appreciation of science to generations of children. Hilltop is now supported by Bloomington

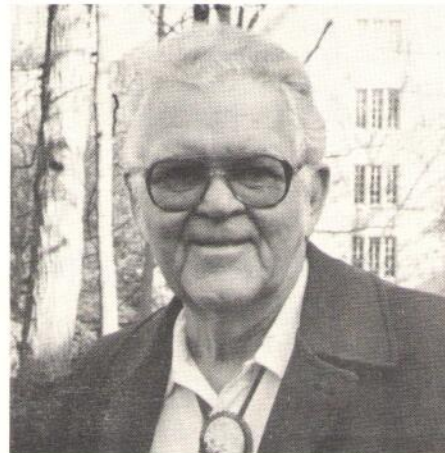


Barbara Shalucha

Parks and Recreation, but Barbara will continue her active participation in its programs.

When the cicadas "bloom" **Frank Young** is out filling grocery bags with all the bodies he can find. His labora-

tory is strewn with papers, reprints, books, teacups, and insect collections, yet he knows where everything is. He published an article on a new species of Florida water beetle in 1984 and found time to write the history of the Department of Biology for the Indiana Academy of Science. Through all this he has remained one of the "work horse" teachers who can be counted on to teach majors and nonmajors. Thousands of students have heard his jokes, and although he offered to burn his joke book for a \$10,000 donation, no one took him up on it. Fortunately for us (and for his coffee friend Dr. Crowell), the dean of students has appointed him to a position as Student Advocate where new generations of students will be able to experience his gentleness and caring.



Frank Young

Alumni news

Magazines call this column "Where They Are Now." Other alumni publications label it "We Heard From." We are tempted to call it "Old News from Old Alumni." What do you think?

If you want your news published in the next issue, you must send details, i.e. position title, names of spouse and children, dogs, cats, tax bracket, and so on. We leave it to your good taste.

Look for your friends or yourself under the year of the most recent IU departmental degree. We did not indicate whether undergraduate degrees were BA or BS. Advanced degrees awarded by IU are indicated in parentheses.

1933

Catherine E. Broyles (Zoology) Involved in Ft. Wayne campus activities; Botanical Garden; Ft. Wayne Art Museum; loves to entertain and cook for friends.

1936

Lola Lemon (MA - Plant Sciences) Currently resides in Larwill, IN.

1938

Helene J. Kantor (Zoology) University of Chicago, Oriental Institute, Chicago, IL.

Philip W. Rothrock (A & P) Currently resides in Lafayette, IN.

1941

Miram (Wedeking) Gilmore (Zoology) Teacher; two sons, two grandchildren; loves reading, gardening, travel; involved in church and American Cancer Society; resides in Atherton, CA.

1943

Russell J. Barnett, MD (Zoology) MD Yale, 1948. Research & teaching at Yale since 1959; book in progress. Enjoys summers with tennis and sailing on Cape Cod; strong reputation as gourmet cook; wife, Gail, & children, Jeff, Bill, and Lisa, all independent, happy people. No grandchildren, "but Curry, 4 yr. old golden retriever, fills in."

Margaret Edmondson (Zoology) Bloomington resident, active in campus affairs; Red Cross; 2 children, 5 grandchildren.

1944

Robert D. Arnold, MD (MD 1947) OB-GYN Indianapolis; Board of Directors of Community Hospital, Planned Parenthood; Sagamore of the Wabash for delivering 15,000 babies; enjoys nature photography, travel; 5 children, 4 grandchildren.

Marion C. Drake, MD (A & P) (MD 1946) Currently resides in Elwood, IN.

Russell N. Shroyer, MD (Medicine) (MD 1948) Veterans' Administration Hospital; lives with wife, Evelyn, in Fresno, CA.

1946

Ann S. Dana (Zoology) Microcomputer consultant/teacher, Hinsdale (IL) School System; developed software: *Teaching & Computers & Electronic Learning*; holds computer workshops for the community.

1947

Francis Marion Maple, MD (A & P) (MD 1950) Currently resides in Springfield, MO.

Helen M. Michael (MA Microbiology) Eli Lilly, Indianapolis, IN.

Seymour S. Weinblatt (Zoology) Counselor - At - Law; currently living in Ft. Myers, FL.

1948

Robert Acker (MA Microbiology) Resides in Chevy Chase, MD.

1949

Austin L. Gardner, MD (A & P) (MD 1952) Lives and practices in Indianapolis. Son, Glenn, 1979 graduate in Biology, will finish medical school this spring.

1950

David A. Farris (Zoology) Professor, Department of Biology, San Diego State.

Harriet Davis Friedman (MA Zoology) Works at New York University, NYC.

Mary Ethel Lane, MD (Zoology) Director of Women & Youth Services, Westchester County Health Dept., White Plains, NY;

three children, engineer husband; "for fun I sing."

Malcolm Lee Rusk, MD (Zoology) (MD 1954) Division Chief, Nuclear Medicine, Kaiser Foundation Hospital, Hayward, CA.

1951

James B. Carpenter, MD (Zoology) Currently residing in Lafayette, IN.

Robert M. LaSalle, Jr., MD (Zoology) (MD 1955) Currently resides in Wabash, IN.

Frances (Gamble) Tausche (MA Zoology) Research Assistant, University of Connecticut Health Center; living with husband, Paul, in West Hartford, CT.

1953

Peter H. Cahn, MD (A & P) Ophthalmology specialty; wife, Susan, three sons, & one dog; resides in Indianapolis.

1954

Donald A. Girod, MD (A & P) (MD 1957) Practicing medicine, Riley Research Bldg., living in Indianapolis.

Richard B. Solomon, MD (A & P) (MD 1957) Currently residing in New York City.

1957

John R. Coleman (MA Zoology) PhD 1961 Johns Hopkins U.; Professor of Biology, Brown U.; enthusiastic tennis player, hiker; loves music.

1958

Annette D. Coleman (PhD Plant Sciences) Stephen G. Olney Professor of Biology, Brown University; lists John R. Coleman as her pet; mother of three.

Richard D. Goldman (Zoology) Works at Chicago College - Wilson Campus; currently resides in Bolingbrook, IL.

Russell L. Malcolm Jr., MD (Zoology) (MD 1960) Pathologist; Middletown, OH, lives on 82 acres with 1 wife, 3 children, 8 dogs; raises ponies and shows them; member of medical groups and Audubon Society.

1961

Victor J. Hoff (PhD Plant Sciences) Biology Department, Stephen F. Austin University, Nacogdoches, TX.

1962

Audrey Barnett (MA Zoology; PhD 1962 Zoology) Was recently a Visiting Scholar, Dept. of Biology, Indiana University; has now returned home to Greenbelt, MD.

1963

Fraze St. John, PhD (MA Zoology) Associate Professor, Ohio State University; Amateur radio operator, Chairman of the Board, Christ United Methodist Church; living with wife, Mary, and two sons in Newark, OH.

Mary M. St. John (Zoology) Instructor, Health Technologies, Central Ohio Technical College; choir member; adult church school teacher; lives with husband, Fraze, and same two sons.

1964

Ina Bicknell (Zoology) Laboratory Research Assistant, Biochemistry, Wright State U.; active in National Audubon Soci-

ety - moving to Houston, TX - 16 moves in 16 years; husband, William, works for M.E.P. Industries.

David L. Morrical, MD (Zoology) (MD 1968) Associated with Logan Internists; living with wife, Bette, in Logansport, IN.

James E. Scheid (Zoology) Farmer and Director of Home Building Savings & Loan; Red Door Industries; enjoys cycling, fishing, and hot air ballooning. Resides in Washington, IN with wife, Pamela.

1965

Clay M. Chandler (PhD Zoology) Currently living in Murfreesboro, TN.

Iris A. Mastrangelo (MA Zoology) Employed by Brookhaven National Laboratory, Upton, NY.

1966

Patricia Shane Bowers (Biology) (MS 1969 Occupational Therapy) Works in Chapel Hill, NC school system.

John Greenman, Lt. Col., MD (MA Zoology) (MD 1968) Specialty in aerospace medicine; now assigned to Enid, OK.

Robert T. Neher (PhD Plant Sciences) LaVerne College, LaVerne, CA, where he resides with wife, Mary.

Robert J. O'Neal (Zoology) Pilot, Delta Airlines; currently resides in Stone Mountain, GA, with wife, Kay Liggett.

Mark T. Shapiro, MD (Zoology) Ophthalmologist; lives in Greensboro, NC, with wife, Donna, and 2 children; plays golf and racquetball; participates in Kiwanis, American Board of Ophthalmology.

Margaret (Weir) Smith (Plant Sciences) (1978 Accounting degree). Currently residing in Indianapolis, IN.

1967

Vernon L. Geiss (PhD Plant Science) Senior Research Chemist, Brown & Williamson Tobacco, Louisville, KY.

Ellen J. LaBelle, MD (Zoology) (MS 1970 Chemistry) Chief, Department of Psychiatry, Permanente Medical Group; currently residing in Torrance, CA.

Charles J. Smid (Zoology) Former career in teaching and Peace Corps; now president, Smid, Inc., which markets slate products; wife, Catherine Sprenger, and 3 children; enjoys skiing, hunting, fishing, and flying; Town Moderator, Sudbury, VT.

1968

Tony G. Andrews, MD (Zoology) (MD 1972) Ophthalmologist; married with 2 children; enjoys woodworking; resides in Los Gatos, CA.

Frances Barbara Ivker (PhD Zoology) Currently residing in New Orleans, LA, with husband, Barry, MD.

Barry L. Keller (PhD Zoology) Currently residing in Pocatello, ID.

Charles P. Land (Microbiology) Assistant Vice President, US Manufacturing Operations, Cosmair, Inc.; single; very large pet Weimaraner.

Richard A. Parker, MD (Zoology) (MD 1971) Private practice in nephrology in Portland; wife, Mary Ann (BS 1968), and 3 children.

Jennie Plunkett (MAT Biology) Currently living in Houston, TX, with husband, Jon.

Stephen Schwartz, MD (Zoology) (MD 1971) Dermatologist in Harlingen, TX; stereo nut with wife and 2 daughters; loves outdoor activities.

Richard Lee Shepherd, MD (Zoology) (MD 1971) Thoracic Surgeon - Cardiac Thoracic Surgery; Ft. Worth, TX.

David L. Sovine, MD (Zoology) (MD 1972) Married and living in Milwaukee, WI.

1969

Lissa Barrett (Zoology) (MA 1969 Zoology) Free lance writer and editor of medical communications; very active in community; husband and 2 children; obsession is decorating their old house.

Richard P. Barrett, DVM (Zoology) Practice in veterinary medicine; wife, Jessica, and 2 children ride herd on lots of pets; golf, gardening, photography hobbies.

Margaret Ann Davee (MAT Biology) Currently resides in Mooresville, IN.

Samuel L. Goodloe, MD (Biology) Currently resides in Noblesville, IN.

David Manfred Wright, MD (Zoology) Director of Laboratories, North Pennsylvania Hospital, Lansdale, PA.

1970

Karen Arline Dowty (Zoology) Currently resides in Ventura, CA, with husband, Kenneth.

Robert W. Jahnke, MD (Zoology) (MD 1973) Currently resides in Albuquerque, NM.

Thomas E. LeBeau, MD (Zoology) (MD 1974) Board certified in Family Practice; Board of Directors, Family and Youth Counseling Agency; Clinical Instructor LSU School of Medicine; wife, Carol Jean, IU '71, 2 children.

Jeffrey McGough (Zoology) President, Cook Urological, in Spencer, IN; wife, Kirsten; hobbies: flying, sailing, motorcycling, and travel.

Frederick J. Passman (Microbiology) PhD degree; currently resides in Houston, TX.

Margaret Stanley (Zoology) (MAT 1970 Biology) Chief, War Readiness Branch, Common Force Directorate; Logistics Operations Center, Wright Patterson AFB; loves theatre, decorating home, and travel.

Charles J. Zimmerman, Jr. (MA Zoology) Project Ecologist/Manager, Dames & Moore, Atlanta, GA.

1971

Marcia (Moody) Engle (Biology) Master's, Geology. Supervisory Geologist, Exxon Co., Houston, TX.

Marian (Costenbader) Gradoville (MA Microbiology) Research Associate, Yale Medical School; two children; Board of Directors, E.B. Jackson Child Care Program.

Sally (Schnute) Hebbeler (Microbiology) Currently resides in Germantown, TN, with husband, Stanton.

Peter K. Marsh, MD (Zoology) Infectious Diseases, Clinical Assistant Professor of Medicine, University of Washington, Seattle; wife, Margot, Editor of Tacoma Zoo Society publication; 2 children; enjoys salmon fishing, travel.

Sylvia (Seehausen) Szucs (MA Zoology) Currently resides in Galveston, TX, with husband, Joseph.

1972

Susan May Anderson, MD (Biology) (MD 1977) Psychiatrist, Metro Health Plan, Indianapolis; 3 yr. old son; bicycling hobby; husband, Neil Irick, MD.

David Belf Becker (Biology), DMD, MPH Dentist in Marblehead, MA.

Robert A. Campbell (PhD Plant Science) Herbicide Specialist, Pest Control Section, Natural Resources, Toronto, Canada.

Mark W. Corrigan, MD (Biology) (MD 1978) Anesthesiologist in Las Vegas; wife, W. Estelle, from Bloomington; one son.

Paul Stephen Coulis (Zoology) President, Attention Medical Company, Irving, TX, where he lives with wife, Diana.

Christine Lalew Crepage (Biology) Currently resides in Girard, OH.

Stanton D. Dunn, Jr., DDS (Biology) (DDS 1976) Currently resides in Scottsburg, IN with wife, Carol.

Kenneth R. Hyde, DDS (Zoology) (DDS 1976; MS 1979 Orthodontics) Currently living in Valparaiso, IN with wife, Kathleen.

Samuel A. Passo, DDS, MS (Biology) (DDS 1976) Assistant Professor, Dept. of Oral Pathology, University of Michigan School of Dentistry; currently living in Ann Arbor with wife, Karen.

Douglas L. Sawyer, MD (Biology) (MD 1975) Family Physician, Kosciusko Medical Clinic; lives with wife, Peggy, in Warsaw, IN.

Kerry Schamerloh, DDS (Biology) (DDS 1976) Family Practice Dentistry, Caylor-Nickel Medical Center; wife, Carol, is physical therapist; two sons; hobbies include running, computers, raising horses, and teaching Bible School.

Melanie Ann (Smith) Steiner (Biology) Currently living in Indianapolis with husband, David, Deputy Attorney General, and two small children; only contact with biology is "termites in our house and worms in the broccoli."

Cary G. Stolar, MD (Biology) Radiologist; recently settled in St. Louis with wife, Kathleen (Sowle) Stolar, a lawyer, and son, Alexander, a 2 yr. old.

Anne (Janay) Stump, MD (Biology) (MD 1976) Private pediatric practice, Indianapolis; teaching faculty Methodist Hospital; husband, Norman, is dentist, 2 1/2 yr old son; hobbies include landscaping and travel.

John Trenkner, MD (Biology) Currently resides in Fort Wayne with wife, Martha.

1973

Judith Auer Baird (Zoology) Teaching junior high biology; working on PhD in Higher Education; involved in the Ecology Center of Ann Arbor; 8 yr. old daughter.

Jeff Barrett, MD (Zoology) (MD 1976) Specializes in high risk obstetrics; Assistant Professor OB-GYN IU School of Medicine; wife, Diana, and 3 children.

Debra Boyer (Biology) Freelance print media specialist; Circulation Manager of Brown County Democrat weekly newspaper; interest in nutrition, organic gardening.

John R. Broshears, MD (Zoology) (MD 1976) St. Simons, GA.

J. Andrew Cook (Biology) Currently resides in Carmel, IN.

Donna Daniels (Biology) PhD University

of Wisconsin; Assistant Scientist, U. of Wisconsin, Madison, WI.

David L. Forkner (Zoology) Engineer, Bohn Heat Transfer; lives in West Lebanon, IN with wife, Carol.

Devin L. Galloway (Biology) (MS 1978 Environmental Science) MS Civil Engineering, University of Illinois; Employed by US Geological Survey; research in high level radioactive waste transport in ground water; lives in Littleton, CO.

Michael Gasparini (Biology) Director of Pharmacy, Henry County Memorial Hospital; resides in New Castle, IN with wife, Linda, son, Andy, and new baby.

David M. Huff, DDS (Biology) (DDS 1976) Currently residing in Bloomington, IN.

Steven J. Hulecki, MD, PC (Biology) Urology and genito-urinary surgery, Dallas, OR.

Edward S. Kubersky (PhD Zoology) Currently residing in Livingston, NJ.

Robert W. Petry, MD (Zoology) (MD 1977) Internal Medicine, Allergy, Clinical Immunology Fellowship; married, 2 children.

James Van Boskirk Manning (Biology) (MBA 1976) Vice President, Interfirst Bank, Fort Worth, TX, where he lives with wife, Marlynn.

Robert Rarick (Biology) (Master's degree, 1978) Currently living in Dyer, IN.

Otto F. Rogers, MD (Biology) (MD 1976) Currently living in Hope Mills, NC with wife, Kathryn.

Andrew L. Simonton, DMD (Biology) Currently resides in Kirkwood, MO with wife, Bari, and son, Craig; co-author of dental textbook, *Operative Dentistry, Modern Theory & Practice*.

Robert D. Stout, OD (Biology) Currently residing in Centerville, OH.

William M. Tierney, MD (Biology) (MD 1976) Wishard Memorial Hospital; living with wife, Mary, in Indianapolis, IN.

Franklin Wilson, MD (Zoology) (MD 1977) Orthopedic surgery, sports medicine and arthroscopic surgery speciality; enjoys Indianapolis Zoo; wife, Christine, and 2 children.

1974

Harry C. Benson (Zoology) Publishing company consultant, Indianapolis.

Michael T. Bruce (Microbiology) Working at Bloomington Hospital, Microbiology laboratory, Bloomington, IN.

Sharon Caravana (Biology) Medical technologist, STAT Lab, Bloomington, IN.

Ritchie Lee Clark, MD (Biology) Pathologist, Owensboro, KY; wife, Deborah Lynn.

Donna Cragle (Biology) PhD, University of North Carolina; Epidemiologist, Oak Ridge Associated Universities, Knoxville, TN; husband, Barry Fernandez, Systems Analyst; one daughter.

Pamela (Woodley) Davis (Biology) MBA, Vanderbilt; Marketing Manager, Winner's Corp., Nashville, TN.

Harry B. Dodge (Biology) Registered Guide, Dodge Outfitters, Kodiak, AK; sport fishing, raft trips, and photography.

Richard Eller, MD (Biology) Currently resides in Hollidaysburg, PA, and works in Johnstown, PA.

Dennis Fast, MD (Biology) (MD 1978)

Currently resides in Anderson, IN with wife, Vicki.

Barbara Jean Henderson (MA Zoology) Senior Associate Systems Analyst, IBM; Hopewell Junction, NJ.

Walter R. Hunter, MD (Biology) (MD 1978) Internal Medicine, Health First Medical Group, Memphis, TN.

Linda K. Jones (Biology) (MS 1977 Environmental Health) Lecturer, University of Michigan.

Richard W. Kincaid, MD (Biology) (MD 1983) Currently residing in Evansville, IN.

Bruce D. Mallatt, MD (Biology) (MD 1977) Dermatology and Dermatologic Surgery; wife, Sharon, two children; enjoys hobbies of fishing, hunting & golf.

Dale L. Martin (Biology) Currently resides in Columbia City, IN with wife, Alisa.

Jeffrey A. Mossler, MD (Biology) (MD 1977) Pathologist, Community Hospital, Indianapolis; lives in Carmel with wife, Calise, and two children.

Manuel I. Musngi (Biology) Currently resides in St. Paul, MN with wife, Rebecca.

Carol (Gartland) Parks (Biology) Graduate student, Department of Biology, Indiana University, Bloomington.

Jane (Alber) Reinke (Biology) (MS 1983 Pathology) Recently moved to Mounds View, MN with husband, Joe, and dog (1/2 beagle, 1/2 terrier).

Steven W. Rissing (Biology) PhD University of Washington; currently Asst. Prof., Dept. of Zoology, Arizona State Univ.; living in Tempe with wife, Janet Lukacs; loves teaching, even nonmajors.

Janis Rosenthal (Biology) Attorney-at-Law, Dayton, OH; specializing in Workers Compensation Defense Litigation; hobbies include travel, theatre, and tennis.

Carolyn L. Wilhelm (MA Zoology) Currently resides in Baltimore, MD with husband, John Golbeck.

1975

Thomas L. Baugh (Biology) Program Analyst, EPA, Washington, DC.

Donald E. Brier (Biology) Attending IU School of Law, Bloomington.

Mary Patricia Coons (PhD Plant Science) Currently resides in Miami, FL.

Mary Kaye Edwards (Biology) PhD University of Colorado; Post-doctoral training, MIT; husband, Rob Knowlton, scientist at Collaborative Research; currently resides in Lexington, MA.

David Eibling, MD (Biology) (MD 1979) Currently resides in Stockton, CA with wife, Lori.

John Joseph Farrell, III, MD (Biology) (MD 1978) Currently resides in Lafayette, IN with wife, Suzanne.

Orlando S. Fernandez, MD (Biology) Yale Medical School, 1979. Orthopedic residency, Massachusetts General Hospital, Boston. Now orthopedic surgeon in San Juan, PR.

Marsha (Waters) Fields (Biology) Kindergarten teacher on Navajo reservation in Ganado, AZ; son and husband there too.

Richard J. Fowl, MD (Biology) (MD 1978) Residency in Vascular Surgery, Mayo Clinic, Rochester, MN; married June '84.

Eric Fry (Biology) Jordan Vineyards, Sonoma, CA.

Lawrence E. Geswein (Biology) Currently

resides in Borden, IN.

Michael D. Graham, DDS (Biology) (DDS 1979) Currently resides in Bluffton, IN.

Thomas E. Hennig, Jr., MD (Biology) (MD 1979) Currently residing in Columbus, IN with wife, Barbara.

Robert A. Lew, MD (Biology) (MD 1980) Emergency Room Physician, Henry County Memorial Hospital, New Castle, IN; currently resides in Greenfield, IN with wife, Susan.

Thomas E. Ludwig, MD (Biology & Chemistry) (MD 1977) Currently resides in Valparaiso, IN with wife, Alice C. Harrington, MD.

Jeffrey K. Moore, MD (Biology) (MD 1979) Dermatologist, Welborn Clinic; lives in Evansville, IN with wife, Susan.

Elizabeth (Sorrells) Peterson, MD (Biology) Practicing medicine and living in Indianapolis with husband, Sanford, Professor of Communications & Theatre, IUPUI.

Douglas S. Reeves (Biology) PhD, Computer Science, Penn State; currently resides in Port Matilda, PA with wife, Ellen.

Braden C. Riley, DO (Biology) Currently living in Granger, IN.

Stephen P. Schall, MD (Biology) Ophthalmologist, Southern California Permanente Medical Group in Hollywood, CA; lives with wife, Wendy, a speech therapist, and son in Los Angeles.

Michael D. Seeman, MD (Biology) (MD 1979) Fellow in Pulmonary Medicine, Washington University School of Medicine, St. Louis.

Robert Sluka, DDS (Biology) (DDS 1978) Private practice dentistry; plays guitar, sings, currently recording music; runs 10k around Whiting, IN; wife, Ellen, is recovery room nurse.

Jan Anthony Starr, DDS (Biology) (DDS 1979) Practicing dentistry in Plymouth, IN.

1976

Paul J. Barnett (Biology) Moved with wife, Macy M., to O'Fallon, IL.

Terrence L. Cogswell, MD (Biology) (MD 1980) Married Holly Archer; currently in West Allis, WI.

David Goldsberry (Biology) Southeast Area Sales Manager, American Dade Company, Division of American Hospital Supply; resides in Marietta, GA with wife, Myriam, and child; southern expert on kidney stones.

Glenn C. Hallberg, DDS (Biology) (DDS 1981) Currently residing in Rockville, IN; office "on the south side of the square."

James R. Hines, MD (Biology) (MD 1980) Medical missionary, Republique Centrafricaine with wife, Martha.

Jonathan E. Hodes, MD (Biology) (MD 1980) Currently residing in Indianapolis.

Patricia Thomas Hoffman (Biology) Oncology representative, Bristol Laboratories; currently residing in Carmel, IN with husband, Seymour.

Joe F. Inman, DDS (Biology) (DDS 1980) Currently residing in Sylvania, OH with wife, Linda.

Richard Kapiszka (Biology) Currently residing in South Bend, IN.

Kathy (Hoey) Lavoie (MS Microbiology) Professor, University of Michigan - Flint.

Joseph C. Lee, MD (Biology) (MD 1980) Currently resides in South Bend.

Robert M. Pascuzzi, MD (Biology) (MD 1979) Neurologist, University of Virginia, Charlottesville, VA.

Ricky L. Patterson (Biology) Pastor and Director, Jesus Fellowship; living in Miami with wife, Sherry, who once worked in the Biology Undergraduate Advising Office.

Lou Ann Stephenson, PhD (Biology) (MS 1979 Phys. Ed.; PhD 1981 Human Performance) Research Physiologist, US Army Research Institute, Natick, MA.

Deborah P. Wallace (Microbiology) Employed by Smith Kline Beckman Corp; living in Dunwoody, GA with husband, William.

William Wallace, IV, OD (Biology) Director, Omni Eye Services, Atlanta; living in Dunwoody, GA with wife, Deborah.

Linda Werling, PhD (Biology) Specializes in amino acid mediated neurotransmission in central nervous system; Research Instructor, Uniformed Services University, Bethesda, MD; loves Camp Brosius; married to attorney, David Addington.

Leon R. Yankwich (Biology) Attorney; New York City.

1977

David A. Arnold (Biology) Attorney; currently resides in Fort Wayne with wife, Janet.

David Byers (Biology) Program Manager, Sony Corp. of America, NY, NY.

D. Wayne Ham, Lt. (DDS) (DDS 1981) Dental Department, USS Midway, San Francisco.

Greg Hockel (PhD Physiology) Senior Research Scientist, Pfizer Central Research, Groton, CT, currently residing in Mystic, CT with wife, Cathy.

Susan D. Kaminski, (Biology) (MBA 1980) Regional Operations Director, Holiday Inns, Inc.; Bay Area Women's Forum; tennis; currently resides in San Francisco.

Robert Krouse (Plant Science) Currently resides in Laplace, LA.

Mary Ann Lochner (Biology) (BS 1977 Med. Tech.) Currently resides in Indianapolis.

Scott N. MacGregor, MD (Biology) Currently residing in Chicago.

Stephen I. Oppenheimer, DDS (Biology) Currently resides in Chamblee, GA with wife, Carolyn.

Karen (Blair) Rosen, OD (Biology) (OD 1979) Practicing optometry and teaching 1/2 day; husband, Steven, also optometrist in St. Louis, MO.

Stephen Skahen, MD (Biology) Practicing anesthesiology at Mammoth Lakes, CA where he lives with his wife.

T.R. Stio (MA Plant Science) Founder and President of Jordan Scientific, Bloomington.

David Van Ryn, MD (Biology & Chemistry) Director of Elkhart County Emergency Service; Board of Directors Indiana ACEP; enjoys fishing, hiking, white water rafting; currently resides in Mishawaka, IN.

Gabrielle M. Von Furstenberg (Microbiology) Back in Bloomington after extended stay in Washington, DC; enjoys tennis, sailing, husband, George, and son, Philip (not necessarily in that order).

1978

Terence Duffy, MD (Biology & Chemistry) (MD 1982) Emergency Medicine, Nashville, TN.

Stan Eisen, PhD (Zoology) Research interests include incidence of *Pneumocystis carinii* antigen and antibody among immunosuppressed individuals; active in Memphis youth activities; plays guitar and trombone; wife, Ellen, IU '74, two children.

Stephen J. Ford (Biology) (Master's degree 1981) Works for Texas Instruments, Garland, TX.

Constance (Covington) Godley (Biology) (BS 1981 Nursing) Currently resides in Fort Wayne with husband, Robert.

Lorrence H. Green (PhD Biology) Senior Scientist Biochemist, Analytab Products, Inc., Plainview, NY, where he lives with wife, Susan.

Worthe S. Holt, Jr., MD (Biology) (MD 1982) Currently residing in Indianapolis.

Carleton A. Keck, MD (Biology) (MD 1981) Currently residing in Seattle, WA; residency in orthopedic surgery; enjoys cross country skiing, cycling.

Bradley C. Moore (Biology) (Master's degree 1980 Management Information Systems) Computer Analyst, Conoco, Inc.; Houston, TX.

Richard W. Reynolds (Biology) (BS 1970 Business) Hazardous Waste Control Specialist, Environmental Health & Safety, Indiana University, Bloomington, where he lives with wife, Kathleen.

Karen R. Richardville (Biology) Medical Technologist, Fort Wayne, where she lives with husband, Michael, and 2 children; enjoys softball & tennis.

Paul S. Rosenberg, MD (Biology) Orthopaedic Surgery Residency, University of

Cincinnati Med. Center in Cincinnati, where he lives with his wife, Katherine.

Carl H. Snyderman, MD (Biology) Physician, University of Pittsburgh, PA.

Kenneth G. Spencer, PhD (Plant Science) Works for Solar Energy, Golden, CO; lives in Lakewood, CO.

Janice L. Stawiarski (Biology) Currently residing in Santa Ana, CA.

Gail Kaun Till (Biology) Currently residing in Atlanta, GA.

1979

Deborah Budd, MD (Biology) Ophthalmology residency, Wayne State, Detroit.

Jeffrey D. Buttrum, DDS (Biology) (DDS 1982) Oral surgery program; settled in the midwest with wife, Jean.

Nyla J. Courter-Stitz (Microbiology) Currently resides in Swayzee, IN with husband, Steve.

Richard Drake, MD (Biology) Pathology residency, Ohio State University.

Thomas R. Drake, MD (Biology) (MD 1983) Emergency medicine; Denver, CO, wife, Vicki.

Mary Elizabeth Foley, MD (MD 1983) Currently resides in Beaverton, OR.

Carrie Sue Freundlich (Microbiology) Microbiologist, Abbott Laboratories, N. Chicago, IL. Currently resides in Northbrook, IL with husband, Andrew.

Ronald S. Gensburg, MD (Biology & Chemistry) (MD 1982) Physician, IU School of Medicine, Indianapolis.

Clyde E. Haworth, Jr., OD (Biology) Currently resides in Lincoln, RI.

Anne E. Henley, MD (Biology) (MD 1983) Currently residing in Salt Lake City, UT.

Valerie K. Hoon (Biology) Security Supervisor, J.C. Penney & Co., Bloomington, IN.

Elizabeth (Smith) Kara (Biology) Four children, 5 years and under; Chair, West Shore Recycling Center; gardening, enjoys outdoor activities in western Michigan.

Ken A. Kesler, MD (Biology & Mathematics) (MD 1979) Resident in general surgery, St. Louis.

Roland M. Kohr, MD (Biology) (MD 1979) Pathologist; currently residing in Terre Haute with wife, Jane.

Paul Kreitl (Biology) Nuclear Medicine Technician; University Hospital, Indianapolis.

Stephen J. O'Connor (Microbiology) Currently resides in Dallas, TX with wife, Vicki.

Eileen M. Underwood (PhD Biology) Currently living in Los Angeles.

Phillip Walker, MD (Biology) (MD 1983) Ambulatory care; interested in skiing, horseback riding, scuba diving; currently practicing in Ellettsville, IN.

1980-1985

We assume that you all still keep in touch and know where you are. The next issue will contain all the information we have on members of the 1980-85 classes. This time we ran out of room.

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