7-1990

UA66/6/2 Bionews from the Hill

WKU Biology

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BIONEWS FROM THE HILL

DEPARTMENT OF BIOLOGY

WESTERN KENTUCKY UNIVERSITY
Dear Biology Alumnus,

Another year has quickly passed and I would like to update you on the activities of the Department of Biology at Western Kentucky University during the academic year 1989-90. The faculty and staff of the department have had a good, productive year. I trust that you have had a similar year and are in good health.

Once again, I would remind you that this newsletter is also to help you keep up with the activities of former classmates and friends. Please use the questionnaire included in this newsletter and return it to us for next year’s letter.

We greatly appreciate your generous contributions to our department through scholarships or gifts to the Biology Developmental Fund. We rely on you for financial assistance in support of our teaching and research but also welcome your support in letting people know about WKU biology programs.

I hope that you enjoy this issue of Bionews from the Hill. Please remember to send us your news!

Sincerely,

Valgene L. Dunham, Head
Department of Biology
STUDENT AWARDS

Outstanding Biology Graduate, 1990

Teresa R. Leibfreid (Bowling Green, KY)

Ms. Leibfreid, a biology major, will enter the University of Indiana in the fall semester where she will study for a masters degree in Environmental Science. We are very proud of Ms. Leibfreid’s accomplishments as a “non-traditional” student who has worked very hard in supporting herself through undergraduate school. Congratulations!

L.Y. Lancaster Award for Excellence

Toni Cottongim (Beechmont, KY)

Ms. Cottongim, a biology major, will be entering medical school this fall at the University of Louisville. The L.Y. Lancaster Award for Excellence is given each year to the outstanding senior in our pre-medical program.

Young Botanist Recognition Award

Teresa R. Leibfreid (Bowling Green, KY)

This national award was presented to Ms. Leibfreid by the Botanical Society of America “honoring excellence and outstanding promise as a contributor to the advancement of knowledge in the botanical sciences”.

Regional Beta Beta Beta Convention
President

Charlotte Gill (Allensville, KY)

Ms. Gill presided at the 1990 regional convention in Baltimore, Maryland. Ms. Gill, a recombinant genetics and pre-medicine major, will be attending medical school this coming fall at the University of Kentucky. The regional meetings included Tri-Beta members from Alabama, Georgia, Kentucky, Louisiana, Mississippi and Tennessee.

WKU Sigma Xi Research Conference
Graduate Division

Tie

3rd Place - Becky Green Reitcheck (Bowling Green, KY). Temporal changes in cockroach, *Leucophaea maderae*, ommatidial structure (with Dr. Ferrell).
Scholar of Ogden College

Dawn Carey Taylor (Lebanon, KY)

This award is presented each year at commencement to the outstanding student in Ogden College of Science, Technology and Health. Mrs. Taylor finished her B.S. degree (double major in chemistry and Spanish and minor in biophysics) with a perfect 4.00 grade point average.

STUDENT CLUB NEWS

Beta Beta Beta

Officers elected for the 1990-91 academic year by the members of the L.Y. Lancaster Mu Gamma Chapter of Beta Beta Beta, national honorary biological society, are:

- President: Dylan Burgess (Radcliff, KY)
- Vice President: Sharon Tagg (Tampa, FL)
- Secretary: Charles Rhoton (Tompkinsville, KY)
- Historian: Rachael Allender (Alexandria, KY)
- Activities Chairperson: Tim Shannon (Louisville, KY)
- Faculty Advisors: Drs. Elliott and Winstead

A student delegation headed by graduating senior Charlotte Gill of Allensville, KY returned from the annual Regional Convention of Beta Beta Beta with the 1st place honors for chapter activities during the 1989-90 school year as documented in the chapter scrapbook. Entitled the "Wonder Year", the activities were chronicled by the 1989-90 historian Philip Johnson, a graduating senior biology major from Glasgow, KY. Ms. Gill presided over the paper competition and during the annual business meeting Mr. Dylan Burgess, a junior WKU student from Radcliff, KY, was elected to serve as Secretary of the Region for the 1990-91 academic year. This election marks the fifth consecutive year that a biology student from WKU has been chosen for a leadership position in one of the regions of the national honorary biological society.

Twenty seven full members and seven associate members were inducted into the society during the academic year. The club supported the Department of Biology in several ways including a table at homecoming on which club scrapbooks were available for visiting alumni.

Association of Medical Technology Students

Officers elected for the 1990-91 academic year are:

- President: Christine Dorley (Bowling Green, KY)
- Vice President: Sue McGinnis (Monticello, KY)
- Secretary-Treasurer: Shannon Cline (Bowling Green, KY)
- Historian: Sonia Orange (Russellville, KY)
- Faculty Advisors: Drs. Elliott and Toman
The following students were accepted at Medical Technology schools to complete their programs:

Tammy Calvert (Bowling Green, KY)
Vicki Cothron (Franklin, KY)
Deborah Mink (Vine Grove, KY)
Jewell Smith (Breeding, KY)
Kevin Wade (Elizabethtown, KY)

Owensboro-Daviess County Hospital
Owensboro-Daviess County Hospital
University of Louisville
Owensboro-Daviess County Hospital
St. Thomas School of Medical Technology
Nashville, TN

Alpha Epsilon Delta

The Kentucky Gamma Chapter of Alpha Epsilon Delta, a national pre-medical honor society, assists pre-professional students in learning the challenges and rewards of professions related to medicine through invited speakers, surgical observation programs at local hospitals and trips to state medical schools.

Officers elected for the 1990-91 academic year are:

President
First Vice President
Second Vice President
Secretary
Treasurer
Historian
Scalpel Reporter
Alumni Chairperson
Associates Chairperson
Faculty Advisor

Kristy Garrett (Central City, KY)
Blaine Houchin (Madison, TN)
Paula Williams (Hardinsburg, KY)
Lori England (Fountain Run, KY)
Angie Bell (Crestwood, KY)
Susan Murray (Bowling Green, KY)
Chris Pergrem (Denver, CO)
Michelle Willoby (Dry Ridge, KY)
Dylan Burgess (Radcliff, KY)
Dr. Blaine Ferrell

Acceptance to Professional Schools

Medical

Abraham Areepanthu (Bowling Green, KY)
Jerry Bean (Summer Shade, KY)
Dawn Carey (Lebanon, KY)
Toni Cottongim (Beechmont, KY)
David Garst (Glasgow, KY)
Charlotte Gill (Allensville, KY)
Scott Havener (Rockport, IN)
Lea Neeley (Franklin, KY)
John Olsofka (Mayfield, KY)
Matthew Perkins (Frankfort, KY)
Suzanne Wilson (Newburg, IN)

University of Louisville
University of Louisville
University of Kentucky
University of Louisville
University of Kentucky
University of Louisville
University of Louisville
University of Louisville
Indiana University

Dental

Michele Beeler (Hustonville, KY)
Mark Mattingly (Owensboro, KY)

University of Kentucky
University of Louisville
Optometry

Tammy Hogan (Cave City, KY) University of Alabama-Birmingham

Physician's Assistant

Susan Bosch (Paducah, KY) University of Missouri-St. Louis

Association of Undergraduate Geneticists

The 1989-90 academic year was the second year for the Association of Undergraduate Geneticists (AUG). The officers for this year were:

President: Becky Burdine (Somerset, KY)
Vice President: Hollie Hale (Franklin, KY)
Secretary/Treasurer: Traci Westerfield (Owensboro, KY)
Historian: Philip Ray (Gamaliel, KY)

Officers for the 1990-91 academic year are:

President: Hope Guenthner (Elizabethtown, KY)
Vice President: Troy Reece (Bowling Green, KY)
Secretary/Treasurer: Sharon Tagg (Tampa, FL)
Historian: Karen Daniels (Middlesboro, KY)
Faculty Advisors: Drs. Balak and Rinehart

This year two speakers were hosted by the organization: Dr. David Dawson, a Biomedical Research and Development Representative for E.I. Lillie Company and Dr. Tino Unlap, a postdoctoral fellow in the Department of Medicine at the University of Alabama-Birmingham. Both speakers discussed career opportunities and experiences in molecular genetic research.

GRADUATE SCHOOLS

The faculty of the Department of Biology are extremely proud of the students that are going on for graduate work this coming fall. They include:

Becky Burdine (Somerset, KY) Ph.D. studies, Yale University
Ronald Cardwell (Roundhill, KY) M.S. Program, Indiana University
Hollie Hale (Franklin, KY) Ph.D. studies, University of Alabama-Birmingham
Kristina Hoffman (Bowling Green, KY) Ph.D. studies, Oregon State Univ.
Teresa Leibfreid (Bowling Green, KY) M.S. Program, Indiana University
Philip Ray (Gamaliel, KY) Ph.D. studies, Vanderbilt University
Becky Reitcheck (Bowling Green, KY) Ph.D. studies, Mississippi State Univ.

Congratulations!!
FACULTY AWARDS AND HONORS

Ken Balak
Visiting Research Professor, University of Virginia

Valgene Dunham
Invited lecturer, Department of Biochemical Engineering, East China University of Chemical Technology, Shanghai, Peoples Republic of China

Robert Hoyt
Dr. Hoyt was given a Professional Service Acknowledgement in the newsletter of the Early Life History Section, American Fisheries Society.
Dr. Hoyt was awarded a Kentucky EPSCoR 1990 Regional University Visiting Scholar award to study "The role of sensory organs in the formation of early feeding behavior in the fathead minnow" at the University of Kentucky this summer.

Charles Kupchella
Dr. Kupchella, Dean of Ogden College at WKU, was invited to present the banquet lecture at the 75th annual meeting of the Kentucky Academy of Science.

Joe Winstead
Dr. Winstead served as the president of the Association of Southeastern Biologists during the year.
Dr. Winstead was presented the Western Kentucky University Faculty Library award by Dr. Michael Binder, Director of University Libraries. This award is presented each year to the faculty member who contributes consistently and notably to the use and development of the WKU libraries.

Drs. Dillard, Elliott and Kupchella were honored at the Library Authors Reception for publications during the year.
EXTERNAL GRANTS FUNDED OR IN PROGRESS

Don Bailey  

Ken Balak  
Deafness Research Foundation, "Cellular Processes in Hair Cell Regeneration". $15,000 (1 year).

Valgene Dunham  
NSF EPSCoR, "DNA Replication in Cauliflower Mosaic Virus-infected Plant Cells". $8,000 (4th year of a 5 year grant).  
NSF Young Scholars, "Research Experiences in Molecular Biology for Young Scholars". $106,392 (2 years).  
NSF Research Experience for Undergraduates, "Plant DNA Repair Enzymes". $4,000 (1 year).

Larry Elliott  
U.S. Public Health Service, "Health Careers Opportunity Program". Co-investigator with Dr. Syre, Dept. of Health and Safety. $240,000 (3 years).  
Conwood Company, "Testing for Yeast". $660 (1 year).

Blaine Ferrell  
NIH-AREA, "Circadian Changes in Cockroach Ommatidia Structure". $37,893 (2 years).  
Kentucky Department of Fish and Wildlife Resources, "Tree Swallow Nest Box Project". $250 (1 year).

Martin Houston  
NSF Young Scholars, "Research Experiences in Molecular Biology for Young Scholars". Co-investigator with Dr. Dunham, $106,372 (2 years).  
Conwood Company "Testing for Yeast". Co-investigator with Dr. Elliott, $660 (1 year).

Charles Kupchella  
Brown Foundation, "Teacher Training for the Kentucky Science and Technology Council". Co-investigator.

Patricia Pearson  
NSF Young Scholars, "Research Experiences in Molecular Biology for Young Scholars". Co-investigator with Dr. Dunham, $106,372 (2 years).

Claire Rinehart  
NSF Young Scholars, "Research Experience in Molecular Biology for Young Scholars". Co-investigator with Dr. Dunham, $106,372 (2 years).
Frank Toman
NSF Young Scholars, "Research Experiences in Molecular Biology for Young Scholars". Co-investigator with Dr. Dunham, $106,372 (2 years).

Alan Yungbluth
U.S. Public Health Service, "Health Careers Opportunity Program". Co-investigator with Dr. Syre, Dept. of Health and Safety, $240,000 (3 years).

FACILITIES IMPROVEMENT

L.Y. Lancaster Nature Exhibit

Mr. and Mrs. Joe Barrett of Bowling Green, the family of the late Brett Barrett, recently donated to the L.Y. Lancaster Nature Exhibit a collection made by their son of over 1500 specimens of insects and related reference materials. The collection provides significant research material for future students and faculty interested in the study of entomology. The great majority of the preserved specimens are from South America, Africa and Asia. In addition to being valuable research material, the insect collection has been organized into new specific displays for use by the public and area schools. Dr. Herb Shadowen is serving as curator of the Nature Exhibit which is located on the second floor of historic Snell Hall.

The university has installed signs for the Nature Exhibit in front and in back of Snell Hall. The department greatly appreciates the generous gift by the Barretts and funds provided by the L.Y. Lancaster Memorial Society.

Biology Computer Laboratory

The Department of Biology now has a computer laboratory! Dr. Claire Rinehart (principal investigator) was awarded an NSF Instrumentation Improvement grant of $43,000 for improving biology curricula with computer-aided approaches. Eight Macintosh SE-30 computers and associated network are installed and presently being used by students and faculty. Computer aided instruction is now possible with expectations of use by over 800 students per year.

Office Equipment

Mrs. Jackie Everhard and Mrs. Marilyn Dunning, our excellent departmental secretaries, are very busy at two new computers. The department has purchased two Macintosh IIcx computers with full page monitors that are networked to a MacIntosh LaserWriter II. The laser printer is also networked to the departmental computer laboratory. Professors in the department who currently use computers in their offices are also part of the network.
Electron Microscope Facility

Continued improvement of our electron microscope area will be completed in the near future. With self-contained temperature and air controls, the laboratory will continue to conduct research and monitor samples for asbestos fibers. Mr. Rod McCurry, Director of the EM facility, has been trained in and licensed for asbestos analysis. The laboratory currently monitors all university asbestos samples as well as contracting for analysis of samples from outside the university.

SCHOLARSHIPS

The Department of Biology awarded a total of 30 scholarships worth over $13,000 to deserving undergraduate students in 1989. These include:

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<tr>
<th>Scholarship</th>
<th>Number Awarded</th>
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<td>Department of Biology</td>
<td>4</td>
</tr>
<tr>
<td>Ernest O. Beal</td>
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<td>Florence and Basil C. Cole</td>
<td>20</td>
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<tr>
<td>J.R. Whitmer</td>
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<tr>
<td>Lewis B. Lockwood</td>
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<td>D. Hugh Puckett-AED</td>
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<tr>
<td>L.Y. Lancaster Award of Excellence</td>
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These scholarships are awarded by the Department of Biology and are independent of university awards.

Due to your contributions and those of the faculty, the total endowment of the Department of Biology Scholarships is now approaching $36,000. Your efforts to support some of the best students at WKU are appreciated. Please continue to help us with your contributions to the Department of Biology Scholarship Fund. If you have any questions about our scholarship programs please call or write (502-745-3696).

ENROLLMENT

Since 1985 the enrollment (total student credit hours) in the Department of Biology has increased by 71%. During the same time period, however, the department’s operating budget has only increased by 8.7%. We are presently spending $47/student for chemicals and supplies compared to $74/student in 1985. We need your assistance in continuing to present a quality education to some of the best students at WKU.

If you are willing to assist us, please contribute to the Department of Biology Developmental Fund. You can be sure that your contribution will go to the day-to-day operation of the department and will directly contribute to the quality of education at WKU. Please remember that a number of institutions and industries are willing to match your contribution which is tax exempt. Contributions should be specifically made to: Department of Biology Development Fund, Mr. George H. Jeffcoat, Director of Development, WAB, Western Kentucky University, Bowling Green, KY 42101.
ALUMNI NEWS

The following is news and information about alumni of the Department of Biology who returned last year's questionnaire. The listing is organized by the date of the first degree from WKU.

Memorial

Marvin S. Greer. 1928, B.S. With over 40 years a high school teacher and principal, Mr. Greer passed away May 9, 1988. Our sympathy is extended to his wife Mrs. Letha Harper Greer, B.A. in English, 1928.

1930's

Dillard Moor. 1935, B.S., M.S. WKU 1953. 1230 Upton Valley Rd., Upton, KY 42784. Retired from teaching and administration in 1971 and has been active in the state retired teachers association and activities at a local nursing home. Mr. Moor is 81 years young and lives on a 36 acre farm.

1940's

Everett D. Hancock. 1941, B.S., M.A. Univ. of Louisville 1953. 1737 A O'Shea, Bowling Green, KY 42104-4132. Mr. Hancock is retired, lives with his wife in Bowling Green in the spring and summer and moves to their winter home in Arizona (3411 S. Camino Seco, Space 65A, Tucson, AR 85730).

1950's

Clovis A. Crabtree, 1950, B.S., M.D. Univ. of Tennessee 1954. 8300 Westover Drive, Prospect, KY 40059. Following a psychiatry residence at the Univ. of Louisville (1965-68), Dr. Crabtree entered psychiatric practice and is currently affiliated with Ten Broeck Hospital in Louisville. Dr. Crabtree and his wife Tommye have 3 sons and five grandchildren. All three sons, Garry, Nathan and Chris have attended WKU.


James H. Clark, 1959, B.S., M.S. Purdue Univ. 1968, Ph.D. Purdue Univ. 1970. Department of Cell Biology, Baylor College of Medicine, Houston, TX 77030. Dr. Clark is Professor of Cell Biology at Baylor and was honored two years ago by being invited to WKU to give the L.Y. Lancaster Memorial Lecture on his outstanding research with hormone receptors and cancer.
1960's

Gene M. Shearer, 1961, B.S., Ph.D. Univ. of Tennessee 1967. Experimental Immunology Branch, Bldg 10/Rm 4B-17, NCI, NIH, Bethesda, MD 20892. Dr. Shearer is Senior Investigator at the National Cancer Institute of the National Institutes of Health.

Barbara Kacer, 1969, B.S., M.S. WKU 1972, Ph.D. Univ. of Iowa 1989. 864 New Cut Rd., Bowling Green, KY 42101. Dr. Kacer is an Assistant Professor in the Department of Teacher Education, WKU.

James W. Taylor, 1969, B.S., M.S. Baylor Univ. 1980. 1508 Hermitage Place, Murray, KY 42071. Mr. Taylor is currently Assistant Administrator at Murray-Calloway County Hospital in Murray, KY.

1970’s

William E. Black, 1970, B.S. 1111 Anderson City Rd., Lawrenceburg, KY 40342. Mr. Black is currently the Microbiologist Supervisor over the Technical Services Section of the Ky. Cabinet for Human Resources, Dept. for Health Services, Division of Laboratory Services in Frankfort, KY.


Shirley Hassell Chamberlain, 1971, M.S. Indiana St. University, Terre Haute, IN 47809. Ms. Chamberlain is presently Director of the Medical Technology Program at Indiana State University, Terre Haute, IN.

Sue Hudnall Sensenig, 1973, B.S., M.S. WKU 1975. 1441 Kenton St., Bowling Green, KY 42101. Mrs. Sensenig is a housewife and mother and enjoys working in the area of genealogy.

Paul A. Merrill, 1974, B.S. 6596 Fellingwood Court, Frederick, MD 21701. Mr. Merrill is a Biological Laboratory Technician for the United States government at Fort Detrick, MD.

Ronald W. Rush, 1974, B.S., D.M.D. Univ. of Louisville 1976. Route 5, Box 6, Town and Country Plaza, Monticello, KY 42633. Dr. Rush has had a family dentistry practice in Monticello since 1976. He is married to the former Marilyn Owens and has three children: Juliana, Ryan and Kristin. Mrs. Rush is presently completing B.A. requirements in elementary education.

L. Peyton Adams, 1975, B.S. 286 Elk Creek MHP, Madisonville, KY 42431. Mr. Adams is currently Environmental Inspector III, On Site Coordinator for the Kentucky Division of Water. Mr. Adams recently received an official commendation for his efforts in developing operating procedures for responding to PCB releases and for continued dedication in the conduct of inspections of potential sources of water quality contamination. The commendation was signed by Carl H. Bradley, Secretary, Natural Resources and Environmental Protection Cabinet of Ky.
Lynn Dooler Albertelli, M.S. 1975. 10121 NW 31st St., Plantation, FL 33322. Mrs. Albertelli is Medical Center Coordinator at Smith Kline and French Laboratories in Philadelphia. Her husband, Jean-Paul, is a communications and electronics representative for Motorola. They have two daughters, Cecily and Caroline.

Michael E. Held, M.S. 1975. Ph.D. Ohio Univ. 1979. Dr. Held is Assoc. Professor of Biology at St. Peter’s College in Jersey City, N.J.

Elizabeth Goff Zylla, 1975, B.S., B.S. Univ. of Louisville 1989. 6315 Red Spruce Drive, Louisville, KY 40229. Mrs. Zylla is Technical Specialist at Hi-Tek Polymers, Inc. in Louisville. She recently received a second B.S. in chemistry and her work in the lab for high performance coatings has resulted in one patent with two under consideration. Her husband, Robert Allen Zylla, is a specialist in the 113th Army Band and is stationed at Fort Knox.

David E. Danhauer, 1978, B.S., M.D. Univ. of Louisville 1982. 922 Triplett St., Suite #2, Owensboro, KY 42301. Dr. Danhauer has been in practice for four years and recently obtained Pediatrician Board Certification. He and his wife Karen have two children, Beth and Laura.

Wendy Eckes Martin, 1978, B.S., M.P.H. Loma Linda Univ. 1987, D.D.S. Univ. of Iowa 1982. 10 Cottonwood Court, Little Rock, AR 72211. Dr. Martin is a geriatric dentist whose practice is at the VA Medical Center in Little Rock.

Artie McGuffin, 1978, B.S., M.A. 1987. 2709 Indiana Avenue, Latonia, KY 41015-4026. Mr. McGuffin is a science teacher and athletic trainer at Holmes High School in Covington, KY.

Henry A. Geidel, 1979, B.S. HCR-75 Box 11, Potsdam, NY 13676. Mr. Geidel is Assistant Supervisor of Quality Control at Gourerneur Talc Inc., a subsidiary of R.T. Vanderbilt Corp in Gourerneur, N.Y.

1980's

Margann Tabor Boyles, 1980, B.S., B.S. Pharmacy Univ. of Kentucky 1987., M.S. WKU 1982. 1706 Redwood Way, Bowling Green, KY 42104. Mrs. Boyles is a licensed pharmacist at Osco Drugs in Bowling Green. Her husband Douglas A. Boyles is a WKU graduate in music and teaches at Alvaton Elementary School.


David I. Shadowen, 1980, B.S., M.D. Univ. of Louisville 1984. 1105 Ridgecrest, Bowling Green, KY 42104. Dr. Shadowen has a private practice in endocrinology, diabetes and internal medicine at Graves-Gilbert Clinic in Bowling Green. Following internship and residency at the University of Missouri at Kansas City, Dr. Shadowen received a fellowship in endocrinology, metabolism and nutrition at the Medical University of South Carolina, Charleston, S.C. He is married to Rebecca D. Shadowen, M.D.
Rebecca D. Shadowen, 1980, B.S., M.D. Univ. of Louisville 1984. 1105 Ridgecrest, Bowling Green, KY 42104. Dr. Shadowen's practice is in infectious diseases and internal medicine at Graves-Gilbert Clinic in Bowling Green. Dr. Shadowen received the Resident of the Year award at the University of Missouri at Kansas City and a research fellowship at the Medical University of South Carolina. She has presented her research at national meetings and has several publications. She is married to David I. Shadowen, M.D.

Kevin Kast, 1981, B.S., M.S. Univ. of Georgia 1983. Rt. 2, Box 86, Winnfield, LA 71483. Mr. Kast is Area Forester for Cavenham Forest Industries in Winnfield, LA.

Ronald T. Grenko, 1981, B.S., M.D. Univ. of Cincinnati 1985. 8450 Cambridge #2164, Houston, TX 77054. Dr. Grenko is currently Fellow in Cytopathology at M.D. Anderson Hospital in Houston.

L. Scott Miller, 1981, B.S., M.D. Univ. of Louisville 1985. 9976 Willow Brook Circle, Louisville, KY 40223. Dr. Miller is a diagnostic radiologist and instructor at Humana Hospital, Univ. of Louisville.

Stephanie D. Wilwayco, 1981, B.S., M.D. Univ. of Louisville 1985. 3453 Steeplechase Lane, Apt. 2C, Loveland, OH 45140. Dr. Wilwayco is currently Assistant Professor of Clinical Family Medicine, Department of Family Medicine, Univ. of Cincinnati and is affiliated with the University Kenwood Family Health Center in Cincinnati.

Cynthia L. Rippy, 1982, B.S., M.S. WKU 1984. Box 1820 Station B, Vanderbilt Univ., Nashville, TN 37235. Ms. Rippy has been a research technician in the Laboratory of Membrane and Lipid Function at Vanderbilt University. She will be a part-time faculty member in the Dept. of Biology at WKU starting this fall.

Rebecca Conner, 1983, B.S., M.S. WKU 1986. Biology Dept., Texas Woman's University, P.O. Box 23971, Denton, TX 76204. Ms. Conner is presently working on a Ph.D. in molecular biology at TWU under Dr. Nathaniel Mills, also a WKU graduate.


Paul Bayer, 1984, M.S., 6325 Camilla St., Vienna, VA 22180. Mr. Bayer is Biotechnology and Environmental Scientist for Energetics, Inc. in Columbia, MD 21045. He was an invited speaker last August at the Department of Energy where he presented a paper entitled "Environmental Release of Genetically Engineered Microorganisms: Regulatory Developments and Implications for Fossil Fuels Bioprocessing".


Sarah Koenig, 1985, B.S. After completing over seven years of experience with the National Park Service, Ms. Koenig is Resource Management Specialist at Theodore Roosevelt National Park in Medora, North Dakota and is in an 18-month NPS training program involving study in South Carolina, California and Texas.
Richard Cambron, 1986, M.S., B.S. Univ. of Kentucky 1989. 9000 W. Wilderness Way, #120, Shreveport, LA 71106. Mr. Cambron is a statistician for Boots Company (USA) in Shreveport.

Deborah M. Lively, 1986, M.S. 308 Sunset Dr., Leitchfield, KY 42754. Mrs. Lively has been Biology Instructor at Lindsey Wilson College in Columbia, Ky. She will be a part-time faculty member in the Dept. of Biology at WKU this fall.

Ralph G. Reiss, 1986, M.S. 8684 Heather Court, Ypsilanti, MI 48198. Mr. Reiss is studying for his Ph.D. in the School of Natural Resources at the University of Michigan.

Stacy E. Cary, 1987, B.S. 244 Landings Dr., #2, Frankfort, KY 40601. Ms. Cary is Forensic Scientist (Serologist) for the Kentucky State Police Forensic Laboratory in Frankfort.

Kimberly Y. Eakle, 1987, B.S. 2512 Class Hill Ct. 033, Louisville, KY 40206. Ms. Eakle is in her third year of medical school at the University of Louisville.

Cheryl Kennedy, 1987, B.S., M.S. Univ. of Alabama at Birmingham 1989. 4343 Spring St. #26, LaMesa CA 92041. Ms. Kennedy is a physical therapist at the University of California-San Diego Medical Center.

Stephen W. Robertson, 1987, B.S. 245 Cardinal Hill, Bardstown, KY 40004. Mr. Robertson continues in dental school at the Univ. of Louisville. He has been elected President of the Class 1992 and is a member of the Curriculum Committee.

Howard L. Rogers, 1988, B.S. 2373 Spring Valley Dr., #4-C, Huntington, WV 25704. Mr. Rogers continues as a medical student at Marshall University School of Medicine.

Kelly A. Lawson, 1988, B.S. Route 1, Brandenburg, KY 40108. Second-Lieut. Lawson is currently in flight training with EURO-NATO Joint Jet Forces at Shepherd Air Force Base in Wichita Falls, TX.

Jennifer Tyler, 1989, B.S. 10477 Red Maple Drive, Plymouth, MI 48170. Ms. Tyler is Quality Control Lab Assistant for Celex Corporation.
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**EDUCATION**

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**Bachelors Degree**

**Masters Degree**

**Additional Degree(s)**

**CURRENT JOB TITLE**

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**NEWS FOR ALUMNI NEWSLETTER**

Please return by Sept. 1, 1990.
Thank you for your assistance.