

Accomplishments of the College of Arts and Sciences 1997-2001

I. Accreditations

The Departments of Social Work and Psychology have nationally accredited programs. The B.S. in **Social Work** is a fully accredited program and the Masters in Social Work program is in the first phase of accreditation by the Council of Social Work Education. The clinical **Psychology** program has been fully accredited by the American Psychological Association since 1977.

II. National Recognition of Programs/Faculty

A. Programs

Many faculty and departments in the college have been recognized nationally in diverse ways. A few of these are highlighted in the paragraphs below.

The Department of **Criminology and Criminal Justice** ranked number two among doctoral programs in Criminology and number three in Criminal Justice in terms of faculty productivity. The department was ranked number two in terms of “faculty eminence” (faculty members with ten or more citations). Source: *Journal of Criminal Justice Education*, Volume 9 (1998).

The Department of **Biology** is recognized as an international leader in the field of tropical ecology. It has signed several memoranda of understanding with the 1) University of Antananarivo (Madagascar), 2) the Laboratorio de Investigaciones Ecologicas de las Yungas at the Universidad Nacional de Tucuman, and 3) the Laboratorio ECOTNO at the Centro Regional Universitario Bariloche, Universidad Nacional del Comahur in Argentina to foster collaborative research and education among the partners further promoting an international focus to the program. (2001).

The Center for Trauma Recovery in the Department of **Psychology** has continued to expand its mission in both basic research on and treatment of trauma victims. The Center is now nationally recognized for trauma research and has been successful in obtaining several millions of dollars in research grants.

The Department of **Sociology** formalized a partnership with its counterpart unit at the University of the Western Cape in South Africa that has served as the model for several others in the UM-system. Pursuant to that partnership agreement, each of the two departments has often taught full courses on the other's campus, has exchanged graduate students, and has published results of joint research projects.

B. Faculty Recognition

Many faculty in the college have won prestigious awards or been recognized nationally in various ways. It would not be possible to recognize all the faculty who deserve to be mentioned in this summary report; however, some are particularly noteworthy.

Several faculty in the Department of **English** have enjoyed national and international recognition. Eamonn Wall's collection of essays, *From the Sin-e Café to the Black Hills* (Madison, Wisconsin: University of Wisconsin Press, 2000), was co-winner of the Durkan Prize, an annual award given by the American Conference for Irish Studies for the best scholarly book published in the fields of language and literature. Howard Schwartz's *The Day the Rabbi Disappeared* (New York: Viking, 2000) won the Aesop Prize of the American Folklore Society for 2000 and the National Jewish Book Award for 2000 in the category of Children's Literature. Both Howard Schwartz and Eamonn Wall have been invited to read

their poetry and creative writing at various American and European venues (including University of Paris, University of Angers, University of Caen, and Summer University in Amsterdam)). These invitations — evidence of their national and international reputations — totaled over 100 in the past five years.

Steven Hause Department of **History** was a national finalist for the American Historical Association's Eugene Asher Award for Distinguished Teaching. Frank Moss in the Department of **Physics and Astronomy** was awarded the Senior Humboldt Award, Humboldt Foundation, Bonn, Germany in 1999. This award is secondary, perhaps, only to the Nobel Prize. Moss also received two other awards in recognition of his research during this period: Curators' Professor of the University of Missouri (1999) and the Peter H. Raven Lifetime Award for services and accomplishments in science (1999) awarded by the Academy of Science of St. Louis.

Two faculty in **Economics** have been recognized for their expertise in their fields. Tom Ireland in Economics is President of the American Academy of Economic and Financial Expert and President of the American Rehabilitation Economics Association. Tim McBride is a member of the Rural Health Expert Panel of the Rural Policy Research Institute, which provides advice to U.S. congressional committees on the effect of health policy on rural America.

Ron Munsen in **Philosophy** is nationally recognized for his research in ethics. He served as a consultant on research ethics for the National Cancer Institute, Clinical Trials Division and as a Medical Ethicist for the National Eye Institute multicenter study. His book "Intervention and Reflection" is the most widely used bioethics textbook in the country.

Jody Miller in the Department of **Criminology and Criminal Justice** was the recipient of the Ruth Shonle Cavan Young Scholar Award and the New Scholar Award, Division on Women and Crime, both from the American Society of Criminology. The Young Scholar Award is given annually to a researcher who has demonstrated significant scholarship within the first five years of receiving the Ph.D.

C. Journal Editors

| Name | Department | Journal | Position |
|-------------------|----------------------------------|---|------------------|
| Jay Rounds | Anthropology | <i>Exhibitionist</i> | Editor in chief |
| Robert Marquis | Biology | <i>Biotropica</i> | Editor |
| Patricia Parker | Biology | <i>Journal of Avian Biology</i> | Editor |
| Elizabeth Kellogg | Biology | <i>Molecular Biology and Evolution</i> | Associate Editor |
| Hal Harris | Chemistry | <i>Journal of Chemical Education</i> | Feature editor |
| Robert Bursik | CCJ | <i>Criminology</i> | Editor |
| Rick Rosenfeld | CCJ | <i>Criminology</i> | Associate Editor |
| Janet Lauritsen | CCJ | <i>Criminology</i> | Associate Editor |
| Scott Decker | CCJ | <i>Criminology</i> | Associate Editor |
| G. David Curry | CCJ | <i>Criminology</i> | Associate Editor |
| Tom Ireland | Economics | <i>The Earnings Analyst</i> | Editor |
| Tom Ireland | Economics | <i>Journal of Forensic Economics</i> | Associate Editor |
| Steven Schreiner | English | <i>Natural Bridge</i> | Editor |
| David Carkeet | English | <i>Natural Bridge</i> | Senior Editor |
| Howard Schwartz | English | <i>Natural Bridge</i> | Senior Editor |
| Mary Troy | English | <i>Natural Bridge</i> | Senior Editor |
| Charles K. Chui | Mathematics and Computer Science | <i>Applied and Computational Harmonic Analysis</i> | Editor |
| Charles K. Chui | Mathematics and Computer Science | <i>Journal of Approximation Theory and Applications</i> | Editor |
| Paul Roth | Philosophy | <i>Philosophy of Social Sciences</i> | Editor |
| Piers Rawling | Philosophy | <i>Theory and Decision</i> | Editor |

| Name | Department | Journal | Position |
|---------------------|-------------------|---|------------------|
| Stephanie Ross | Philosophy | <i>Journal of Aesthetics</i> | Editor |
| James. Buickerood | Philosophy | <i>Journal of Eighteenth Century Thought</i> | Editor in chief |
| Frank Moss | Physics | <i>Chaos</i> | Associate Editor |
| Frank Moss | Physics | <i>Cambridge Nonlinear Science Series</i> | Senior Editor |
| Lyman Tower Sargent | Political Science | <i>Utopian Studies</i> | Editor |
| Andrew Glassberg | Political Science | <i>American Review of Public Administration</i> | Associate Editor |
| David B. Robertson | Political Science | <i>CLIO</i> | Associate Editor |
| David B. Robertson | Political Science | <i>Journal of Policy History</i> | Associate Editor |
| Kenneth Thomas | Political Science | <i>International Political Economy Yearbook</i> | Co-Editor |
| Joel Glassman | Political Science | <i>Comparative Education Review</i> | Co-Editor |
| Dave Robertson | Political Science | <i>CLIO</i> | Editor |

III. Community Partnerships/Service to the Community

Faculty in many departments of the college maintain active partnerships with organizations in the St. Louis community. The Department of **History**, in collaboration with the Missouri Historical Society, offers the annual James Neal Primm Lecture in History. The Lecture series is now in its 14th year. In 2001 UM-St. Louis became the host of the St. Louis regional History Day competition. The competition is administered by the Department of History in collaboration with the UMSL Advance Credit program. Louis Gerteis and Andrew Hurley in **History** were awarded a major National Endowment for the Humanities grant to develop the Virtual City Project. The St. Louis Regional History Project utilizes interactive web technologies to explore the history of the City of St. Louis and the St. Louis region. This is an innovative project that provides an important resource for teaching about the history of St. Louis.

Several faculty including Glen Curry, Scott Decker, and Jody Miller in **Criminology and Criminal Justice** serve the community in helping to address issues of crime and violence. They serve in various capacities as consultants to the St. Louis police department, the Mayor of St. Louis and on advisory committees that help the region to deal with crime, especially youth crime. The service contributions of Dave Curry to the Boys and Girls Club of America were recognized when he received an award for his activities as a member of the National Juvenile Gang Advisory Committee. Scott Decker delivered the Keynote Address at the ceremony. In addition, Scott Decker and Dave Curry were awarded the President's Award by the St. Louis Mental Health Board in honor of their unique assistance to the organization. Decker is also renowned for his book *Life in the Gang: Family, Friends and Violence*, which was a finalist for the C. Wright Mills Award and in 1998 won the Outstanding Book Award from the Academy of Criminal Justice Sciences.

Throughout the year, all of the creative writing faculty in **English** conduct local readings of their fiction and poetry; these readings are often off campus and are open to the public. Eamonn Wall, as part of his Jefferson Smurfit Professorship, organized various on-campus activities related to Irish culture and literature (e.g., a translation workshop and poetry readings by Mary Dorcy and Jessie Lendennie, both in April 2001 and the visit by Eamon Hickey (Irish Consul General in Chicago), who spoke on the Irish peace process). All these activities were open to public.

Several faculty in **Social Work** serve on a range of St. Louis community boards. The Practicum Office of the Department of **Social Work** has developed a collaborative partnership with the other two MSW programs in St. Louis. This involves collaboration on training for field supervisors. Over 150 supervisors attend each training session held. A joint practicum manual includes information on each

University's program and replaces three individual manuals. A web site allows agency supervisors to access information about all three programs. The collaboration provides funding for nationally known speakers at each session and enables agency supervisors to acquire knowledge to improve their interaction with students.

George McCall in **Sociology** was involved in a community partnership with Focus-St. Louis (1999-2001) to evaluate its nationally recognized Bridges Across Polarization program, the only race-oriented program selected by the Pew Partnership for Civic Change for inclusion in its Solutions for America initiative.

The Department of **Biology** has forged strong partnerships with the Missouri Botanical Garden and the St. Louis Zoo. These partnerships have been strengthened by the appointment of Elizabeth Kellogg as the E. Desmond Lee and Family Fund Professor of Botanical Studies and Patricia Parker as the E. Desmond Lee and Family Fund Professor in Zoological Studies. In addition, Susanne Renner and Peter Stevens are both actively engaged in research at the Botanical Garden. Many graduate students in biology work on research projects that are jointly supported and supervised by faculty in this department and staff members at the Botanical Garden.

Phil Fraundorf in **Physics** runs a Scanned Tip and Electron Image Lab that is a regional facility with the only atomic resolution Transmission Electron Microscope in the State of Missouri. Partnerships have been developed with researchers at Monsanto, MEMC Electronics, Boeing, Mallinckrodt, UM-Rolla, UM-Columbia, and Washington University. The Lab is also involved with education programs through the Regional Institute for Science Education (RISE), mentoring research for high school students, and conducting numerous tours for school groups.

The Center for Entrepreneurship and Economic Education in the Department of **Economics** continues to have a significant impact in the St. Louis area through its numerous educational and community service activities. The Director of the Center, Sarapage McCorkle, is a Member of the Board of Directors of the Consumer Credit Counseling Service of St. Louis, Money Management International, International Credit Association Education Foundation, and the JumpStart Coalition for Personal Financial Literacy.

IV. Curators and Endowed Professorships

| Name | Department | Title |
|---------------------|--------------|---|
| Patricia Resick | Psychology | Curators' Professor |
| Peter Wolfe | English | Curators' Professor |
| Richard Mitchell | History | Curators' Professor |
| Scott Decker | CCJ | Curators' Professor |
| Bob Bursik | CCJ | Curators' Professor |
| Robert Ricklefs | Biology | Curators' Professor |
| Elizabeth Kellogg | Biology | E. Desmond Lee Professor of Botanical Studies |
| Patricia Parker | Biology | E. Desmond Lee Professor of Zoological Studies |
| Jay Rounds | Anthropology | E. Desmond Lee Professor of Museum Studies and Community History |
| Alan F.J. Artibise | History | E. Desmond Lee Professor of Community Collaboration and Public Policy |
| Lawrence H. White | Economics | Friedrich A. Hayek Professor of Economic History |
| Eamonn Wall | English | Jefferson Smurfit Professor of Irish Studies |
| Carlos A. Schwantes | History | Mercantile Library Professor of History |
| Steven Hause | History | Thomas Jefferson Professor |

V. University of Missouri Faculty Research Awards

Richard Schwartz (Physics & Astronomy) received the Chancellor's Award for Research and Creativity in 1999.

Joyce M. Mushaben (Political Science) received the Women Trailblazer Award in 1999

Lon Wilkens (Biology) received the Chancellor's Research Award in 2000.

Robert Ricklefs (Biology) received the University of Missouri's Presidential Award for Research and Creativity in 2001.

VI. Faculty Research/Scholarship and Associated Support

Faculty in the college of Arts and Sciences excel in research. A listing of their major books, book chapters, articles and presentations at national and international conferences would run to hundreds of pages. The evidence of the success of their research is clear from the number of awards, editorships, and competitive research grants that have been documented here.

Total external grant funding for College of A&S

| Calendar Year | Number of Awards | Total Amount |
|---------------|------------------|--------------|
| 1997 | 85 | \$5,875,293 |
| 1998 | 83 | \$4,772,622 |
| 1999 | 87 | \$5,843,821 |
| 2000 | 77 | \$4,701,827 |
| 2001 | 90 | \$6,017,631 |

College of A&S funding for competitive awards¹

| Calendar Year | Number of Awards | Total Amount |
|---------------|------------------|--------------|
| 1997 | 66 | \$5,176,606 |
| 1998 | 66 | \$3,514,018 |
| 1999 | 73 | \$4,875,774 |
| 2000 | 64 | \$4,230,743 |
| 2001 | 63 | \$4,828,836 |

¹Competitive awards are those that result from competitive, peer-reviewed proposals.

VII. Teaching

A. Publications

Several faculty in the college publish major textbooks in their field of interest. Mark Burkholder in **History** wrote (with Lyman Johnson) *Colonial Latin America*, currently in its fourth edition and winner of the Edwin Lieuwien Award. Steven Hause in **History** is the author of *Western Civilization: A History of European Society* (1999). Ta-Pei Cheng in **Physics** published *Gauge Theory of Elementary Particle Physics: Problems & Solutions* in 2000. This book is a companion to his 1984 textbook of the same name. Robert Ricklefs in **Biology** published (with Gary Miller) the fourth edition of *Ecology* in 1999. Patrick Osborne in **Biology** recently had his textbook *Tropical Ecosystems and Ecological Concepts* published by Cambridge University Press. Teresa Thiel and Shirley Bissen in **Biology** recently published the first edition of *Biotechnology – DNA to Protein*, a biotechnology course manual.

B. Teaching Awards

Shahla Peterman (Mathematics & Computer Science) received the College of Arts & Sciences Lecturer of the Year Award in 1998.

Bob Henson (Physics & Astronomy) won the Governor's Award for Teaching Excellence in 1998.

Rudi Winter (Chemistry) received the Governor's Award for Excellence in Teaching in 1999

Judi Linville English) received the College of Arts & Sciences Lecture of the Year Award in 1999.

Charles R. Granger (Biology) received the Distinguished Teaching Professorship Award in 1999.

Richard Pacelle (Political Science) received the Chancellor's Award for Excellence in Teaching in 2000.

Richard Pacelle (Political Science) received the Governor's Award for Excellence in Teaching in 2000.

Margaret Sherraden received the Chancellor's Excellence in Teaching Award in 2001. David Robertson (Political Science) received the Governor's Award for Excellence in Teaching in 2001.

Hal Harris was recognized with the Shining Star award, 2001, from the St. Louis Science Center.

J. Martin Rochester (Political Science) received the Curators' Distinguished Teaching Professor in 2001

Sandra Trapani (FLL) received the College of Arts & Sciences Lecturer of the Year Award in 2001.

VIII. Programs/Curricula

- A new MS in **Computer Science** program began in Fall 1999
- In collaboration with the **Anthropology** Department, the Department of **History** launched a new MA program in Museum Studies.
- The Department of **Social Work** was given approval by CBHE in 1998 to start an MSW program. The first students were admitted in 1999 and by December 2001 the 60-hour program had graduated 27 students.
- A new Ph.D. in **Applied Mathematics** began in Fall 1998
- A new Ph.D. in **Criminology and Criminal Justice** began in Fall 1998.

IX. Outreach/Continuing Education

Dr. Charles Granger in **Biology** serves as director, coordinator and instructor in more than a dozen programs that bring the community to UM-St. Louis. Some of these programs are: "Students and Teachers As Research Scientists" (STARS) is a program, funded through the National Science Foundation, that introduces both rising high school juniors and seniors and their teachers to the various aspects of the scientific enterprise as practiced by successful scientists in academic, private and governmental research institutions. Junior Science, Engineering & Humanities Symposium (JSEHS) Monsanto Foundation Science Workshops "Sustainability: Seeds for Thought." Develop, which edits and publishes science activities K-12 for NSTA teacher workshops and presentations. In-Service Science Teacher Enhancement Program (In-STEP), a professional development program for K-8 science teachers. Vashon Interdisciplinary Project for Education Reform (VIPER), a partnership project with St. Louis Public Schools for enhancing science education through the implementation of the Naturalistic Education Theory. Teaching Enquiry Curriculum via Heuristics (TECH), hands-on, six-week summer program for high school rising juniors and seniors that incorporates the internal combustion engine and go-carts as the centerpiece for inquiry-based interdisciplinary studies in physics, chemistry, life science, mathematics, social science and language arts.

Teresa Thiel in **Biology** directs "Science in the Real World: Microbes in Action," an education program, funded by a major grant from the National Science Foundation, for K-12 teachers and students to introduce them to the important world of microorganisms.

The International Center for Tropical Ecology (ICTE) presents to the community the Jane and Whitney Harris Lecture held annually since 1991 as well as the Conservation Forum held annually since 1996 and World Ecology Day was held annually from 1997-2000.

Shahla Peterman in **Mathematics** served as chair of the Workshop Committee for the Expanding your Horizons in Mathematics and Science, Mathematics and Science Network of Greater St. Louis (MSNGS), Spring 2001. MSNGS represents women educators, scientists, engineers who have been working to develop innovative math and science education programs for high school and junior high girls.

The **Physics** Department has been a member of the NASA/Missouri Space Grant Consortium since 1990 and has brought \$140,000 to the campus to fund research stipends for high school, undergraduate, and graduate students and to fund public outreach programs. The Student Mentors program involved visits by education majors to elementary school classrooms to demonstrate basic principles of astronomy and physics. Every spring, this program has sponsored an on-campus planetarium program for 5th grade teachers and students, reaching about 500 students a year. The grant also co-sponsors a program of monthly public open houses at the campus observatory. Physics continues to maintain a campus observatory and planetarium for instruction and public outreach. The planetarium underwent a major renovation in the Fall of 2000

Social Work and **Sociology** offer courses to students at Mineral Area College, and Social Work offers courses to Jefferson College and St. Charles Community College. Students at MAC are able to take all of the courses needed to complete the Social Work degree on their campus either through courses taught by instructors on campus or ITV connections to the UMSL campus.

X. Facilities

Major renovations in **Biology** provided new lab and office space for new faculty as well as two new teaching laboratories for the Biotechnology Program. In addition, a new Plant Tissue Culture facility was installed in Benton Hall.

In **Physics**, The Center for Molecular Electronics houses several faculty members from the Department of Physics & Astronomy. The Scanned Tip and Electron Image Lab continues to acquire state-of-the-art instruments for nanoscale imaging. It plays an important role in the training of graduate and undergraduate students (UMSL and other universities) and in fostering collaborations in materials science between the University and local industries.

The Center of Neurodynamics is a collaboration between physics and biology faculty with physics professor Frank Moss as the first and only Director. Since 1996, the Center has secured over \$2.6M in grants and brought national and international recognition to the University.

The Department of **Mathematics** established the Institute for Computational Harmonic Analysis under the leadership of Charles Chui, a renowned mathematician in this field. The research in the Institute is supported by grants from the National Science Foundation.

XI. Gifts to the Department and College

Major Gift Highlights FY02 as of 04-12-02

| Donor | Purpose | Dept/Div | Amount |
|---------------------------|-----------------------------|-----------|-------------|
| The Christensen Fund | Endowed Fellowships | Bio-ICTE | \$2,000,000 |
| Estate of Edward Andalaft | Scholarships & Unrestricted | Math & CS | \$ 480,000 |
| Anonymous | Endowed Scholarships | CAS | \$ 100,000 |
| Compton Foundation | Graduate Fellowships | Bio-ICTE | \$ 45,000 |
| Lucy Lopata | Science Programs | Biology | \$ 25,000 |
| Des Lee | Science Programs | Biology | \$ 12,500 |

Major Gift Highlights FY01

| Donor | Purpose | Dept/Div | Amount |
|----------------------------------|---|-----------------|---------------|
| Anonymous | Endowed Scholarships | CAS | \$100,000 |
| Open Society Institute | Urban Debate League | Comm. | \$ 95,935 |
| Solutia Fund | Stars Program | Biology | \$ 70,000 |
| Compton Foundation | ICTE Fellowships | Biology | \$ 45,000 |
| Herbert Wolkowitz | FL&L Scholarships | FL&L | \$ 25,000 |
| Grant Charitable Trust | Collaborative for Applied Science Program and Award | | |
| | For Excellence in Research | Biology | \$ 20,000 |
| Washington University | Ctr. Molecular Electronics | Physics | \$ 15,000 |
| Mallinckrodt | Fellowship in Chemistry | Chemistry | \$ 12,000 |
| Buder Foundation | Scholarships | Music | \$ 10,800 |
| William A. Kerr Foundation | Graduate Fellowship | IWGS | \$ 10,000 |
| Conservation, Food & Health Fdn. | ICTE Scholarships | Biology | \$ 10,000 |
| Joyce Corey | Corey Research Fund | Chemistry | \$ 10,700 |
| Lois Brunngraber & Family | Brunngraber End. Sch. | Chemistry | \$ 10,000 |

Major Gift Highlights FY-00

| Donor | Purpose | Dept/Div | Amount |
|--------------------------------|--|-----------------|---------------|
| Open Society Institute | Urban Debate League | | \$ 97,689 |
| Solutia Fund | Stars Program | | \$ 70,000 |
| Boeing | Center for Molecular Electronics GIK | | \$ 60,000 |
| Monsanto | Center for Molecular Electronics GIK | | \$ 45,000 |
| Monsanto | Chemistry Research Experience for Undergraduates | | \$ 30,000 |
| Mallinckrodt | Mallinckrodt Fellowship in Chemistry | | \$ 17,000 |
| Grant Charitable Trust | Collaborative for Applied Science Program and Award for Excellence in Research | | \$ 16,000 |
| State Historical Society of MO | Lee Professorship in Museum/Comm. Hist. | | \$ 15,000 |
| Melvina Walters | Walters Music Scholarship | | \$ 10,052 |
| Barbara Brown | Women in Chemistry Scholarship | | \$ 10,000 |
| Linda McAffrey | McAffrey Family Scholarship in IWGS | | \$ 10,000 |
| William A. Kerr Foundation | Graduate Fellowship in IWGS | | \$ 10,000 |
| Robert Spencer | Spencer & Spencer Gift Fund/Lecture | | \$ 10,000 |
| Leo Drey | ICTE Research Project and other | | \$ 10,800 |

Major Gift Highlights FY-99

| Donor | Purpose | Dept/Div | Amount |
|----------------------------------|----------------------|-----------------|---------------|
| Nooter Corporation | Equipment – GIK | Chemistry | \$250,000 |
| OSI | Urban Debate League | Comm | \$ 98,943 |
| Solutia Fund | STARS Program | Biology | \$ 70,000 |
| Michael Grace | Support for Handel | Physics | \$ 54,000 |
| Lopata Foundation | Science Programs | Biology | \$ 25,000 |
| Stanley & Lucy Lopata | Science Programs | Biology | \$ 23,238 |
| Compton Foundation | Graduate Fellowships | Bio-ICTE | \$ 22,000 |
| Mallinckrodt | Graduate Fellowships | Chemistry | \$ 12,000 |
| Grant Charitable Trust | Science Programs | Biology | \$ 10,000 |
| Spencer and Spencer Gift Systems | Lecture Series | Math & CS | \$ 10,000 |

Major Gift Highlights FY-98

| Donor | Purpose | Dept/Div | Amount |
|----------------------------------|----------------------|-----------------|---------------|
| Whitaker Foundation | Music Program | Music | \$56,927 |
| Monsanto | Fellowship | Chemistry | \$30,000 |
| Kroeger Family Charitable Trust | Scholarships | Bio-ICTE | \$25,000 |
| Stanley and Lucy Lopata | Science Programs | Biology | \$27,006 |
| Compton Foundation | Graduate Fellowships | Bio-ICTE | \$15,000 |
| Grant Charitable Trust | Science Programs | Biology | \$10,000 |
| Spencer and Spencer Gift Systems | Lecture Series | Math & CS | \$10,000 |

XII. Student and Alumni Accomplishments

Curator of the University of Missouri, Connie (Hager) Silverstein, received a BA in **Political Science** in 1976. In addition, The UM-St. Louis Distinguished Alumni Award has been given to 11 **Political Science** Alumni.

Several alumni of the Department of **Biology** have had notable accomplishments. Lorena Calvo (M.S. '98) received the 1999 Society for Conservation Biology Distinguished Service Award. He is Executive Director of the Center for Conservation of Biodiversity of Guatemala and Guatemala project coordinator for Wildlife Preservation Trust International. Cintia Cornelius and Lucio Malizia (Ph.D. students) co-organized a symposium and presented papers on forest fragmentation at the first Reunion Binacional de Ecologia for Chile and Argentina in Bariloche, Argentina in April 2001. Jaqueline Goerck (Ph.D. '99) is Director, BirdLife International - Brazil Programme. Through a federal decree signed by the President of Brazil, she reports on the creation of the Ecological Station of Murici, one of the most important areas for the conservation of many threatened bird species. Gillian Bowser (Ph.D. '99) works as a special assistant to the Director of the National Park Service at the Department of Interior in Washington, D.C. (2000) Luis Miguel Renjifo (Ph.D. '99) accepted a position as Director of Conservation, Humbolt Institute, Colombia, South America. (2000) Cris Hochwender, (Ph.D. '98) accepted a position as Assistant Professor of Biology, at the University of Evansville (2001) Carol Sue Ferguson (M.S., '84) received tenure and promotion to Associate Professor of Biology at Southern Oregon University, Ashland, OR. (2000) Eric Wold (M.S., '96) is an environmental planner for the city of Eugene, Oregon. Joan Frazee (M.S., '91) works for the U. S. Forest Service in Washington State. John Lill (Ph.D. '99) has accepted a position as Assistant Professor of Biology at George Washington University, Washington, DC.