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Office of the President
May 10, 2005

1. Dignitaries Dedicate New Biomedical Biological Sciences Research Building

University of Kentucky President Lee T. Todd Jr. was joined by Lexington Mayor Teresa Isaac for the official opening in mid-April of the \$74.4 million Biomedical Biological Sciences Research Building (BBSRB), which will house some of the university's leading researchers who bring millions of dollars in federal funding to UK. Located on South Limestone, across from Kentucky Clinic, the structure houses 185,000 square feet of laboratory and workspace for several prominent faculty scientists from the UK College of Medicine, College of Pharmacy, and College of Arts and Sciences. The BBSRB was funded by \$39 million in state bonds and \$26 million in agency bonds. The remaining \$9.4 million was drawn from university funds. Research teams are in the process of transferring materials to BBSRB. When fully occupied, the building will house about 400 faculty, staff, and students. The common thread binding these scientists together is the focus of their research on biomedical issues affecting humans.

2. UK, Kentucky Move Up in Key Rankings for Federal Research Funding

Fueled by continued growth at UK, Kentucky has made a significant jump in national rankings that measure the amount of research dollars generated. The Commonwealth of Kentucky is 30th – up from 33rd – in the most recent rankings of federal spending obligations by the National Science Foundation (NSF). At the same time, UK improved among the rankings of top research universities, moving up to 57th, from 60th. The rankings, which examine federal research grants and contracts awarded, cover fiscal year 2002. Kentucky is the only state in the nation to move up as many as three spots. Kentucky received a total of \$191 million in federal awards – \$132 million or 69 percent of which were federal awards to UK, according to the NSF rankings.

3. UK's 2004-2005 Research Awards Up 14 Percent

Awards received through the UK Research Foundation for July 2004 through March 2005 total \$215,209,999, a 14 percent increase over the same period last year. Federal awards have increased from \$108 million to almost \$115 million, a 6.5 percent increase.

4. UK, OSU Researchers Collaborate on Black Raspberries as Cancer Treatment

The UK Center for Pharmaceutical Science and Technology has collaborated with Ohio State University (OSU) cancer researchers in developing the anti-cancer properties of black raspberries to fight head and neck cancer. Researchers at the universities have found that freeze-dried berries can inhibit the growth of several forms of cancer in rats and hamsters, so they have begun testing the berries in humans. OSU and UK faculty and the UK Center for Pharmaceutical Science and Technology collaborated for more than a year on the development of freeze-dried black raspberry gels for oral and topical cancer chemoprevention. Russell J. Mumper, associate director of the Center for Pharmaceutical Science and Technology, will oversee the production of the gel in the center. New treatment options are critical because oral cancers can be extremely difficult to treat. Surgery is normally used to remove early pre-cancerous lesions, but they tend to come back in nearly half of all cases, often developing into stubborn metastasizing tumors. The study will enroll 20 patients with oral lesions in the initial gel trial. Surgeons will remove a portion of the patients' lesions and perform a baseline analysis of them. Participants will be asked to apply the bioadhesive berry gel four times a day for six weeks. After that, the remaining portion of the lesion will be removed and additional studies conducted to see if the berries have altered the tissue's biological profile.

5. UK Creates Nation's First Fine Arts Extension Program, Launches in Pike County

UK has created the nation's first Fine Arts Cooperative Extension Program and chosen Stephanie Richards as its agent, based in Pikeville. The program is designed to provide fine arts services in rural communities. The university held a reception in late March in Pikeville to unveil the program. Remarks by Robert Shay, dean of UK College of Fine Arts; Scott Smith, dean of UK College of Agriculture; and Joey Collins, chair of the Pike County Cooperative Extension District Board, offered the public a glimpse of the new program. Entertainment spotlighted all forms of the arts, including performances by local mountain music vocalists and musicians, a storyteller, a guitarist, members of the Old Time String Band, and local vocalists. In addition, UK School of Music assistant professor of theory Kevin Holm-Hudson and associate professor of musicology Ron Pen offered an improvised composition. Visual arts objects also were on display, including 30 quilts, books from 10 local authors, and three-dimensional art pieces.

6. Gatton College Launches Innovative 11-month MBA Program

The UK Gatton College of Business and Economics has launched a bold and innovative Master of Business Administration program. The 11-month immersive MBA program was designed by what Dean D. Sudharshan describes as "a real-world savvy faculty, with significant input from the corporate world." Most traditional MBA programs require 18 to 24 months. The accelerated program does not mean students will be getting less "bang for the buck." Quite the contrary, students in the Gatton College's redesigned MBA will receive 880 hours of instruction, the same as many two-year programs. According to Mary Lee Kerr, director of the Gatton MBA programs, students will constantly move from the classroom to the lab and the field where they will refine and test concepts and methods, and apply cross-disciplinary thinking. The recruitment and admissions process is under way for the first cohort of 75 students in the redefined MBA program, which begins classes this July. Admission to the program is largely determined by a

student's potential to succeed, as judged by past educational attainment, work and leadership experience, and GMAT (graduate exam) scores. It is not necessary for a student to have been a business major at the undergraduate level.

7. President Todd Releases Paper on 'Using Athletics to Bolster Academic Innovations'

President Todd issued a white paper emphasizing the role of college athletics to support academic programs. In the paper "Using Athletics to Bolster Academic Innovations," Todd notes UK's athletics program is one of only 40 in the nation that is financially self-sufficient – a status that is allowing UK to become a national leader in using athletic resources to fund academic needs. He said UK Athletics recently agreed to give the university \$1 million annually for 10 years for non-athletic academic scholarships. In addition, as a result of the recent \$80.5 million multimedia rights deal between UK and Host Communications, UK Athletics is contributing \$1.36 million to help fund five new scholarships for the Singletary Scholars program. Available online at www.uky.edu/President/III/athletics_success.pdf, the paper is one of a series of special position papers the president is authoring.

8. UK Student Wins Prestigious Harry S. Truman Scholarship

A UK student passionate about farming, public service, and leadership is among the nation's 75 students awarded the prestigious 2005 Harry S. Truman Scholarship. Ryan Quarles, a native of Georgetown, Ky., is UK's 12th Truman Scholar and the only Truman recipient from Kentucky or a Kentucky college or university this year. The Truman Scholarship is worth \$30,000, with \$3,000 earmarked for his senior year and \$27,000 for two to three years of graduate study. The Truman Scholarships are national awards given to college juniors who demonstrate outstanding leadership and are devoted to careers in public service. Quarles' academic accomplishments include a triple major of agricultural economics, and public service and leadership – both in the College of Agriculture – and in political science in the College of Arts and Sciences. Quarles is set to graduate in December with all three degrees. In addition, he is working on a master's degree in agriculture economics and was recently accepted to UK's Patterson School of Diplomacy and International Commerce. As a Truman Scholar, he receives priority admission and supplemental funding at some premier graduate institutions, leadership training, career, and graduate school counseling; and special internship opportunities with the federal government.

9. UK Hospital Wins Designation as 'Primary Stroke Center' for Central, East Kentucky

UK Hospital is the first health care facility in Central and Eastern Kentucky to obtain distinction as a Primary Stroke Center. This important distinction came in mid-April from the Joint Commission on Accreditation of Healthcare Organizations (JCAHO), a national accrediting body. Stroke is the third most common cause of death in Kentucky and should be regarded as a brain attack, a medical emergency that is as serious as a heart attack. To be effective, tissue plasminogen activator (tPA), the only drug approved by the U.S. Food and Drug Administration for treatment of acute non-bleeding stroke, must be given no more than three hours after stroke symptoms begin. As a Primary Stroke Center, UK Hospital has specially trained doctors and support staff on hand for tPA administration 24 hours a day, seven days a week. This dedicated

team includes stroke neurologists and emergency medicine physicians, neurosurgeons, neuroradiologists, nurses, laboratory personnel, and CT technologists.

10. UK Libraries Wins Grant to Digitize Millions of Pages from U.S. Newspapers

The National Endowment for the Humanities (NEH) has awarded \$310,000 to the UK Libraries for its participation in the first phase of an NEH and Library of Congress program to digitize 20,000,000 pages from U.S. newspapers in the public domain. UK is among only six institutions in the country receiving funding for this program. In the first two-year phase of the program, the UK Libraries will focus on digitizing more than 100,000 pages from Kentucky newspapers published from 1900 to 1910. During the term of the grant, UK and the other five institutions will develop processes that will be used by other libraries in subsequent phases of the program.

11. Engineering Students' BIG BLUE Project Part of New York Museum Exhibit

Experimental wings designed by UK engineering students for Mars exploration will be part of a six-month exhibition focused on technical textiles at the Smithsonian's Cooper-Hewitt, National Design Museum in New York. BIG BLUE, which stands for Baseline Inflatable-wing Glider, Balloon-Launched Unmanned Experiment, is a series of high-altitude test experiments to demonstrate new inflatable-wing technology. Like the current Mars rover airbags, the UK-developed wings are designed to be delivered to Mars in a compact package and would be deployed in the upper Martian atmosphere while descending under a balloon or parachute that would permit the wings to inflate and harden in sunlight. The aircraft would then detach to fly autonomously and gather a broad variety of scientific data as it glided to the planet's surface. Wings that inflated and hardened during a May 1, 2004, BIG BLUE experiment after being "launched" under a high-altitude weather balloon from near Denver, are part of "Extreme Textiles: Designing for High Performance," an exhibition at the Smithsonian Institution's Cooper-Hewitt, National Design Museum in New York City from April 8 through Oct. 30. BIG BLUE – unique among Mars exploration projects because of its use of inflatable-wing technology – has been a senior design project at the UK College of Engineering since 2002. In all, nearly 200 students have contributed to the project under the oversight of mechanical engineering associate professor Suzanne Weaver Smith. The project has involved students in mechanical engineering led by Smith and associate professor Jamey Jacob and in electrical and computer engineering led by associate professors James Lumppp and William Smith and assistant professor Dan Lau. More information on the museum exhibit is available online at <http://ndm.si.edu/EXHIBITIONS/index.html>.

12. New Program Seeks to Reduce Campus Pedestrian, Motor Vehicle Accidents

In response to the recent increase in the number of pedestrian and motor vehicle collisions on and near campus, UK launched the PAWS (Pedestrian Awareness and Safety) campaign. The goal of the project is to enhance awareness of pedestrians and drivers to the dangers of collisions and decrease the number of incidents. The increase in collisions has been predominantly in the South Limestone area between Rose Street and Euclid Avenue. During the past three months, one fatality and one serious injury, both involving UK employees, occurred.

In 2004, there were nine pedestrian and vehicle collisions; to date in 2005, five such collisions have been reported to UK Police. The PAWS campaign was planned in three phases: a media blitz to announce the measures, an allocation of additional police officers to the South Limestone and Rose Street areas to distribute pamphlets and issue warnings for violations, and finally having officers issue state citations for both pedestrian and motor vehicle violations. Research has shown that similar campaigns are not completely effective unless monetary fines are levied. A series of recommendations also has been made to install additional crosswalks at Rose Street in front of the Chemistry Physics Building, South Limestone in front of Gate 1, and Avenue of Champions (Euclid Avenue) at Lexington Avenue.

13. Todd Presents Third Annual President's Awards for Diversity

In mid-April, President Todd presented the third annual President's Awards for Diversity in honor and appreciation of those who have demonstrated outstanding efforts toward advancing UK's mission of embracing diversity while maintaining academic excellence. Receiving the awards were:

- The Lexington Area Small Business Development Center, part of the Gatton College of Business and Economics, for its outstanding service to minorities and disabled business people; University Extension for its work promoting diversity for the last 75 years including enrollment of African-American students as early as 1931;
- Lynda Brown Wright, chair, Department of Educational and Counseling Psychology, College of Education, for her efforts to educate, inform and challenge her colleagues and students on issues of diversity;
- Mae Marie Quan, associate program administrator for the Area Health Education Centers, for her work with cross-cultural communications and sensitivity training in the Colleges of Medicine, Pharmacy, Dentistry, Health Sciences and Nursing; and
- Students Miguel Carlin, undergraduate in agricultural education, communications and leadership, College of Agriculture, for his advocacy for Hispanic students and students with disabilities at UK, and Geethani Delgoda, undergraduate in computer science, College of Engineering, for her efforts to educate her peers about the diverse backgrounds and cultures of students at UK.

14. Two UK Faculty Receive Major Grants

Two UK researchers have received federal grants in excess of \$1 million each for work on problems involving health and disease. The National Cancer Institute awarded Liya Gu, pathology, a \$1.17 million grant to research the molecular mechanisms underlying leukemia relapse. Tae Ji, chemistry, was awarded nearly \$1.3 million from the National Institute of General Medical Science to continue his work on G protein coupled receptors, the major hormone receptors. Receptors generate multiple signals, which are a source of undesirable and toxic side effects of hormone therapeutics.

15. UK Opens Women's Place, Designed to Help Prevent Violence Against Women

UK has opened Women's Place, a new establishment on campus working toward prevention of and protection from violence against women. Dorothy Edwards was named its director. The center was opened at 153 Bowman Hall to provide a central point on campus for

coordinating victim services, to train faculty in how to offer support, and to give women a safe place for information and resources about violence. In addition to expanding intervention efforts, Edwards said that the UK Women's Place will focus much of its time on the development and implementation of prevention programming throughout campus. The Women's Place has already partnered with Residence Life, Counseling and Testing, University Health Services, several dean's offices, faculty, and other campus organizations to begin educating students about violence against women. Edwards has a doctoral degree in counseling psychology and has worked on college campuses for the past 10 years.

16. UK Alumna Premieres Her Award-winning Drama at Alma Mater

In mid-April the UK Theatre Department presented the world premiere of an award-winning drama titled "The Noise in the Room," by UK alumna Lauren Argo. The play is the winner of the inaugural James W. Rodgers Playwriting competition. Bo List, an artistic associate with Chicago's Baliwick Theatre and a UK alumna, directed UK's production. The past meets the present and changes the future in "The Noise in the Room," a drama based on real-life events. Argo, a 1994 UK graduate, created the work from diaries she found shopping the famed U.S. Highway 127 yard sale in the Danville area and through researching the diaries' former owner. Mirroring reality, the play's college student, Elizabeth Key, finds the 90-year old diaries of Carolyn Taylor, a long-deceased native of Augusta, Ky. Elizabeth buys the diaries and begins studying the life of the strong-minded suffragette. Soon, Elizabeth finds herself on a journey unlike any other she's ever experienced. As she learns more about Carolyn Taylor, Key learns more about herself.

17. Singletary Center Hosts 2005 Arts Education Showcase With Kentucky Center

The UK Singletary Center for the Arts, in partnership with the Kentucky Center, hosted the 2005 Arts Education Showcase on March 15. The artists exhibited their talents and educational offerings at UK for teachers from across the state. The showcase, a one-day event, familiarizes Kentucky educators with performing arts, visual arts, musicians, storytellers, arts organizations, and cultural institutes available as resources to their schools. Each artist was screened for artistic and educational quality. The event gave the artists the opportunity to market their talents to the educational community. In turn, teachers and the public got a chance to sample the educational value of a wide variety of engaging and entertaining artists.

18. Medical Students Raise \$11,000 to Benefit South Asia Tsunami Survivors

Students from the UK College of Medicine supported the efforts of organizations providing humanitarian relief to the areas devastated by the South Asia tsunami by raising nearly \$11,000. After discussing fund-raising ideas with College of Medicine Dean Jay A. Perman and the Medical School Government Association and receiving positive feedback, the fund-raising efforts, "Giving From the Heart," began Jan. 10, 2005, and extended until Valentine's Day. Student ambassadors asked their fellow students to be creative in thinking of how they might be able to contribute by making small sacrifices. The proceeds of the fund-raiser went to Oxfam America, a Boston-based international development and relief agency that was a provider of clean water and other supplies in Bandeh Aceh, Indonesia, one of the hardest-stricken areas.

19. Nineteen of 22 UK Sports Teams Exceed NCAA Standard for Progress

The UK Athletic Association Board of Directors heard an update on the NCAA-mandated Academic Progress Rate (APR) for student athletes that showed 19 of the university's total of 22 intercollegiate sports teams exceeded the NCAA standard for progress toward a degree for students receiving athletic scholarship aid. Sandy Bell, UK's associate director of athletics for compliance, said UK's overall APR score is well above the national average and ranks second only to that of Vanderbilt University among the 12 Southeastern Conference schools.

20. College of Engineering Inducts Five Into Alumni Hall of Distinction

Five people, including the chief financial officer of a major international finance corporation and the founder of two electronics companies, were inducted into the College of Engineering Alumni Hall of Distinction on April 8. This year's inductees are Deane Blazie, whose interest in solving problems faced by the blind led to the first synthetic speech device, the Talking Telephone Directory; Michael L. Marberry, currently chief financial officer of J. M. Huber Corp.; Robert W. Vaughn, whose company Vaughn & Melton played a central role in the Cumberland Gap Tunnel, completed in 1996 and recently selected as ranking among the top 100 projects of the last century by the American Road and Transportation Builders Association; Harry L. Washburn, formerly president and CEO of North American Coal Corp. in Cleveland; and James H. Young, a professor at North Carolina State University who developed computer models for tobacco curing and other products.

21. Gatton College Inducts Rodney Lanthorne Into Alumni Hall of Fame

The UK Gatton College of Business and Economics inducted Rodney N. Lanthorne, president of Kyocera International into its Alumni Hall of Fame in early April. Lanthorne, who began working with Kyocera in 1979, was named president of North American operations in 1987 and became a director of the parent company in 1988. The San Diego-based holding company for the North American operations of Japan's Kyocera Corporation, Kyocera makes a range of advanced ceramic components for electronic and structural applications to wireless phones, document solutions equipment, solar energy systems, cutting tools, medical and dental implants, and ceramic cutlery. Kyocera also makes a variety of other products from semiconductor casings to knives and utensils.

22. Journalism Hall of Fame Inducts Five, Including UK School Co-founder

The Kentucky Journalism Hall of Fame inducted six journalists during ceremonies in mid-April. The 2005 Hall of Fame members are Robert R. Adams, student publications director at Western Kentucky University; Gene Clabes, former owner of the Recorder Newspapers and past president of the Kentucky Press Association; Lee Denney, news director/anchor for WBKR-FM and WOMI-AM; Bob Johnson, former reporter and editor for the Louisville *Courier-Journal*; Marguerite McLaughlin (deceased), co-founder of the UK School of Journalism; and Bob Schulman, formerly with *The Courier-Journal* and WHAS-TV.

23. New Geological Survey Map Details Eastern Kentucky's Big Lime Formation

A newly published map from the Kentucky Geological Survey (KGS) provides details about the nature of an Eastern Kentucky oil- and natural gas-producing geologic formation known as the Big Lime. Two KGS geologists, David Harris and Thomas Sparks, compiled data from more than 6,400 existing oil and gas wells for the project. Using a computer contouring program, they created the map of the 9,400-square-mile area. Harris and Sparks determined that an average oil or gas field in the Big Lime contains 30 to 40 wells with a potential to produce from 1 million to 1.5 million barrels of oil or 4.5 billion to 6 billion cubic feet of natural gas. As the price of imported energy sources rises, interest in cheaper domestic oil and gas increases, making maps like this one more valuable to the domestic energy industry.

24. Ten Rehabilitation Sciences Students Spend Spring Break on Ecuador Missions

Ten students from the UK College of Health Sciences Department of Rehabilitation Sciences spent their spring break between internships doing mission work for underserved children in Ecuador. The medical service/mission trip to the Child Development Center, named "El Nino," was in the southern outskirts of Quito, Ecuador. The facility was created in response to the needs of hundreds of families in South Quito who do not have the financial resources necessary to provide adequate care for their children with various disabilities. The students held fundraisers and received donations from organizations and companies from all over the United States to help with the costs of the trip. Students also purchased items on their own.

25. UK's Men's Golf Team Wins University's First SEC Championship

UK's men's golf team won its first-ever Southeastern Conference championship in mid-April at the SEC's tournament at Sea Island, Ga. UK, ranked 18th nationally, finished the 54-hole tournament two shots ahead of No. 7 Auburn, eight ahead of No. 2 Georgia, and 13 ahead of No. 6 Florida. Coached by Brian Craig, UK was represented by Mark Blackfield, John Holmes, Matt Kohn, Brandon Waldrop, and Matt Wells.

26. Irish Student Services Representatives Study UK's Methods

Five members of the Confederation of Student Services in Ireland (CSSI) visited UK for three days in mid-March to learn about higher education and student services in the United States. The five members, hosted by the UK Student Affairs Division, were Mary Clayton, vice president for students, University College Dublin; Mary O'Riordan, vice president for student services and human resources, National University of Ireland, Galway; Bruce Misstear, senior lecturer and dean of students, Trinity College Dublin; Brian Gormley, coordinator/director of student services, National University of Ireland-Maynooth; and Linda Murphy, student affairs manager, Dundalk Institute of Technology. The delegation's visit was part of an international exchange agreement between the CSSI and the National Association of Student Personnel Administrators (NASPA), which has agreements with 10 countries around the world to either host delegations from those countries in the United States or to send American delegations to those countries in alternate years. The NASPA International Exchange Coordinator was Patricia S. Terrell, UK vice president for student affairs.

27. Kentucky Geological Survey Seismic Network Records 8.7 Indian Ocean Earthquake

When an earthquake struck off the coast of Sumatra on March 28, registering 8.7 on the Richter Scale, the Kentucky Geological Survey, through its Kentucky Seismic and Strong Motion Network, detected and recorded the seismic waves 20 minutes later. This series of instruments, operated jointly by KGS and the UK Department of Geological Sciences, helps researchers gather information on the seismic activity of Kentucky and the central United States.

28. UK's Mentoring Effort Pays Off for Student Who Wins Invention Award

UK's efforts to mentor a young man have paid off in a national award. David Nima Meigooni, a University of Louisville freshman with a first-semester-junior standing in molecular biology, recently was selected for induction into the National Gallery for America's Young Inventors™ for his research "A Novel Method for Enhancing Prostate Cancer Radiosensitization by Natural Compound Curcumin." Meigooni's research investigated the application of curcumin (a natural compound derived from the plant *curcuma longa* – it is the molecular form of turmeric, which is used as a spice and a dye in Indian foods) as a mode of making prostate cancer cells more sensitive to radiation treatment. By making cancer cells more sensitive to radiation, smaller doses of radiation can be used effectively to treat the prostate cancer. The research was conducted during his senior year at Paul Laurence Dunbar High School in Lexington, while he was mentored through the University of Kentucky Department of Radiation Medicine. His entry was chosen for the prestigious honor from a large group of highly qualified applicants. He received a \$5,000 U.S. Series EE Savings Bond, a Christopher Columbus Fellowship Foundation award, a compass medallion, and a piece of original art at the National Gallery Induction weekend April 28-May 1 in Akron, Ohio.

29. Washington Post's Editor Presents 2005 Joe Creason Lecture

Leonard Downie Jr., executive editor of *The Washington Post*, presented the 2005 Creason Lecture on April 19 in Memorial Hall. Downie has been executive editor of the *Post* since 1991. He began his career at the Washington newspaper as a summer intern in 1964, then worked on the paper's metro staff and was managing editor before being named executive editor. Downie's other duties at the *Post* included helping supervise the paper's Watergate coverage and a stint as a London correspondent. The Creason Lecture is supported by an endowment from the Bingham Foundation of Louisville.

30. English Lecture's Essay on Mountaintop Removal Mining Is Published in Harper's

A UK English lecturer's essay about the impact of mountaintop removal on the environment and life of Appalachia was featured prominently in the April issue of *Harper's Magazine*. Erik Reece's piece, "Death of a Mountain," follows the yearlong mining process that resulted in the leveling of Lost Mountain in the Appalachian Mountains of Eastern Kentucky. *Harper's Magazine* is considered one of the leading literary essay magazines in the country. Interspersed among the journal-like entries that detail the mining process and its impact on the eco-system of the area is a passionate critique of the mining industry permitting process and the

communities and people that have depended on the coal industry for generations. The article is part of a book Reece plans to publish in 2006. The article and book were the focus of a front-page article in the *Lexington Herald-Leader* in mid-April.

31. UK Joins Worldwide Celebration of 400th Anniversary of *Don Quixote* Publication

UK joined a worldwide celebration of the 400th anniversary of the publication of Miguel de Cervantes' great novel, *Don Quixote*, second only to the Bible as the world's most translated book, in mid-April. The Department of Hispanic Studies in the College of Arts and Sciences sponsored a public lecture by John J. Allen and Patricia Finch in the Niles Gallery of the Lucille Little Fine Arts Library on the UK campus and readings of *Don Quixote* in both Spanish and English each day of the weeklong celebration by faculty, students and guest readers from UK and four other regional colleges and universities.

32. Photo and Oral History Exhibit on Kentucky Holocaust Survivors Opens at UK

"This Is Home Now: Kentucky's Holocaust Survivors" is a new documentary photograph and oral history exhibit by English faculty member and director of the Kentucky Women Writers Conference Rebecca Howell and oral historian Arwen Donahue. The exhibit will open May 12 at the Lexington History Museum where it will remain until January 2006. An opening reception begins at 5:30 p.m. Thursday, May 12, at the museum, followed by a conversation with the survivors featured in the exhibit at 7 p.m. Both events are free and open to the public. Howell, who photographed the nine Kentucky residents, said a vast majority of Holocaust survivors who came to the United States after World War II made their homes in major urban centers where they found Jewish communities. She and Donahue wanted to capture the stories of how these Jewish settlers found their way to Kentucky, far from those major cities.

33. Health Care Experts Come to Lexington to Meet With Cooperative Extension Agents

More than 200 experts from all disciplines of health care, as well as representatives of universities, government, and the private sector joined Cooperative Extension professionals in Lexington in mid-April as UK played host to the 2005 Priester Extension National Health Conference. Focusing on the theme, "Translating Research into Policy and Practice for Healthier Communities," the conference featured speakers ranging from the president of the American Medical Association, John C. Nelson, to Terry Nipp, executive director of the National Institute for Agricultural Security. Topics addressed included health literacy, food security, the rural health care shortage, and telemedicine.

34. Institute Sponsors Inclusive Theater Workshop at Lexington Library

The UK Interdisciplinary Human Development Institute co-sponsored an Inclusive Theater Workshop on March 12 at the Lexington Public Library's Central Branch. The Inclusive Theater Workshop featured the Theater of Inclusion group, based in Indianapolis, Ind. The performance-based workshop used a combination of movement, text, drawing, sculpture, personal narrative, and performance to address the real and perceived differences that can exist between individuals with disabilities and those who are not currently disabled. The workshop was co-sponsored with

Latitude of Lexington, a community arts day program designed to create meaningful, inclusive community interactions through the arts.

35. Geography Department Prepares New, State-of-the-Art Teaching Facility

The Department of Geography is preparing to open a new, state-of-the-art teaching and research facility in the White Hall Classroom Building. The facility will include computers which run geographic information system software and the Global Positioning System, technology that has replaced paper maps as the primary decision-making tool for engineers, planners, and others engaged in modifying and protecting the environment. The facility is made possible by a \$100,000 contribution from the College of Arts and Sciences Dean's Office and \$25,000 from the Office of the Executive Vice President for Research.

36. Lexington 4-year-old Represents Kentucky at Children's Miracle Network Event

Ryan Gallagher of Lexington, now a healthy 4-year-old, represented Kentucky on a mid-March trip to Washington, D.C., on behalf of a Children's Miracle Network program called Foresters Champions Across America and Canada. Ryan, his parents Chris and Kristin Gallagher, and his twin brother celebrated his good health with a tour of the White House where they visited First Lady Laura Bush and shared Ryan's survival story with the world. Ryan was treated at UK Children's Hospital. Ryan went to Washington as an ambassador for 17 million hospitalized children.

37. Student Awards and Achievements

Rungrat Chaisamrej, Communications and Information Studies graduate student, has received the \$1,000 Westley Memorial Graduate Scholarship, given annually to a graduate student in communication emphasizing mass communication research and communication research and theory who has demonstrated academic excellence. The award is in memory of Bruce H. Westley, former director of the School of Journalism.

Rachel Friberg, Journalism and Telecommunications, took honors in the Best TV Feature category at the statewide student competition of the Associated Press broadcasting awards in mid-April.

Elizabeth Green, Journalism and Telecommunications, won Best TV Reporter and also earned second place honors in the Best Radio Reporter division at the statewide student competition of the Associated Press broadcasting awards in mid-April.

Ritchie A. Katko, Landscape Architecture, earned an honorable mention in the college-level national Landscape Design Student Competition. Forty entries from seven universities were submitted.

Miho Nozaki, Ophthalmology and Visual Sciences postdoctoral scholar, received a grant from the Association for Research in Vision and Ophthalmology and the Japan National Society for the Prevention of Blindness.

Giulia Pagano, Dentistry first-year student, attended the American Dental Association's 41st annual Dental Students' Conference on Research held at the National Institute of Dental and Craniofacial Research and the Paffenbarger Research Center in Washington, D.C., April 9-12.

Molly Thurmond and Bryan Christensen, Dentistry third-year students, received national scholarships from the Thomas P. Hinman Dental Society. The awards were presented March 19, at the 93rd Hinman Dental Meeting in Atlanta.

Gaston Toolo, Dentistry third-year student, was selected for February's front cover of the *Journal of Dental Education*, the American Dental Education Association's national monthly publication.

Wenli Yuan, Communications and Information Studies graduate student, received the \$500 Sypher Memorial Graduate Scholarship, given annually to a graduate student in communication whose emphasis is in interpersonal, organizational, or mass communication research and who has demonstrated academic excellence. The award is in memory of Martha and Howard Sypher, parents of Howard E. Sypher, a former member of the graduate faculty.

38. Faculty and Staff Awards and Achievements

Ann Amerson, Pharmacy, and Carol Jordan, Center for Research on Violence Against Women, received the Women's Forum's 12th annual Sarah Bennett Holmes Award.

Victoria Bradley, UK Hospital, received the Nursing Information Leadership Award from the Healthcare Information and Management Systems Society for enterprise-wide integrated clinical information system implementation at the UK Hospital.

Francie Chassen-Lopez, History, received the Rocky Mountain Council for Latin American Studies' Thomas McGann Prize for the Best Book published in 2004 for *From Liberal to Revolutionary Oaxaca: The View from the South, Mexico 1867-1911*.

Leslie Crofford, Rheumatology, published a study of a drug that reduces the pain of fibromyalgia and improves sleep in the peer-reviewed journal *Arthritis & Rheumatism*.

Debbie Curl-Nagy and Mary Secret, Social Work, presented "Assessing Student Mastery: A Systematic and Integrated Approach to Educational Program Evaluation" in March 2005 at the Council on Social Work Education, 2005 Annual Program Meeting in New York City.

Ronald D. Eller, History, and Susan Larson, Hispanic Studies, received National Endowment for the Humanities Summer Stipends Awards to devote two uninterrupted months to research and writing. Eller received the award for "The Politics of Poverty and Development: Appalachia and the Great Society, 1945-2000," and Larson received the award for "The Politics of Place in Post-Cambio Madrid, 1982-2000."

Gretchen Ely, Social Work, recently published, "Adolescent Dating Violence on School Campuses" in the *Journal of Evidence-Based Social Work*.

Francis Robert (Frank) Ettensohn, professor of geological sciences at the University of Kentucky, received a Fulbright Fellowship grant to study and teach in Nepal. Ettensohn, who has a doctorate in geology from the University of Illinois at Urbana-Champaign and who began teaching at UK in 1975 as an assistant professor of geology in the College of Arts and Sciences, will teach and conduct research at the Kirtipur branch of Tribhuvan University near the city of Kathmandu from February through July 2006. This is the second Fulbright grant Ettensohn has received. From February through June 1989, he served as a lecturer and researcher in the former Soviet Union in Novosibirsk, Siberia.

Joseph L. Fink III, Pharmacy, was recognized by the Ohio Valley Affiliates for Life Sciences (OVALS) for his role as a founder of the organization and leadership as a member of the Steering Committee from 2002 to 2005. He received the award at OVALS' Third Annual

Conference in Dayton, Ohio. OVALS was created in 2002 as a forum to discuss and stimulate economic development opportunities for life sciences within the Ohio Valley region.

Jimmi Hatton, Pharmacy, has been inducted as a Fellow in the American College of Critical Care Medicine (ACCM). The ACCM is part of the Society of Critical Care Medicine with the mission of fostering the highest goals of multi-professional critical care medicine.

Jamey D. Jacob, Mechanical Engineering, has been selected to receive the 2005 Ralph R. Teetor Educational Award by the Society of Automotive Engineers (SAE).

Robert Olson, History, has had his book, *Turkey-Iran Relations, 1979-2004: Revolution, Ideology, War, Coups and Geopolitics* (2004), translated and published in Turkish. This is his second book to be translated into Turkish.

David M. Olster, History, was awarded a Fulbright Fellowship to perform research on the use of religious rhetoric as a self-legitimizing tool at the University of Tuebingen in Tuebingen, Germany.

Angel Rubio, Markey Cancer Center, has been appointed to a three-year term on the Governing Board of the Intercultural Cancer Council, the nation's largest multicultural health policy organization.

Mary Secret, Social Work, co-presented along with Marcie Pitt-Catsoupes, assistant professor at Boston College, "Incorporating Work-Family Scholarship into Social Work Education: An Online Reading Seminar," in March 2005 at the Council on Social Work Education, 2005 Annual Program Meeting in New York City.

Mary Secret, Social Work, co-presented along with Marcia Harrigan and Beverly Koerin, associate professors at Virginia Commonwealth University, "Eldercare and Employed Caregivers: A Public/Private Responsibility?" in March 2005 at the 3rd Annual National Gerontological Conference, New York City.

Arnold J. Stromberg, Statistics, was awarded a patent for a Nonparametric Control Chart. The patent provides an improved method for detecting changes in variability in a data stream.

Bill Thomas, Geological Sciences, was named president of the Geological Society of America, a major international geological organization with more than 17,000 members, most from North America.

Paul Vincelli, Plant Pathology, has been awarded a Fulbright Scholarship to conduct research on improved forecasting of vegetable diseases with scientists at the National Institute of Agricultural Research in Uruguay.

Rick Waterman, Political Science, received the American Society for Public Administration's Laverne Burchfield Award, for the best book review essay published in the journal *Public Administration Review* during the year 2004.

David Wise, Entomology, has earned a Fulbright Fellowship to teach a graduate ecology course at the University of Buenos Aires. His course is titled "Generalist Predators and the Dynamics of Terrestrial Food Webs."

39. Faculty Research Activities

Wendell Akers, Research Challenge Trust Fund-Clinical Pharmaceutical Science, Open-Label Study Assessing the Pharmacokinetics and Pharmacodynamics of a Cangrelor Bolus Plus Infusion in Healthy Volunteers.

Jayakrishna Ambati, Ophthalmology, \$100,000, Molecular Mechanisms of Subretinal Debris Removal in the Ccr2^{-/-} Mouse Model of AMD

Jayakrishna Ambati, Ophthalmology, \$70,000, Macrophage Scavenger Receptors in the Ccl2-/- x Ccr2-/- Mouse Model of AMD.

James Anderson, Internal Medicine, Overweight Children with the Metabolic Syndrome Benefit for Ready to Eat Cereals.

James Anderson, Internal Medicine, Randomized Double-Blind Placebo Controlled Multi-center Phase III Study of Rosuvastatin (CRESTOR) 20 mg in the Primary Prevention of Cardiovascular Events Among Subjects.

Warren Anderson, Kentucky Geological Survey, \$205,401, Generating 1:100,000 Scale Maps for a Statewide 1:350,000 Compilation Map.

Rodney Andrews, Center for Applied Energy Research, \$25,739, Nano-composite Materials Using Multi-wall Carbon Nanotubes and Thermoplastic Elastomers.

John Anthony, Chemistry, \$27,000, Self-Assembled n-Type Semiconductors for Sprayable Photovoltaic Devices.

Razvan Arsenescu, Internal Medicine, Prospective Open Label Study to Evaluate the Adacolumn Apheresis System for the Treatment of Moderate to Severe Ulcerative Colitis.

Mary Arthur, Forestry, \$37,362, Collaborative Research: Influences of Geology and Tree Species Composition on the Response of Forest Nutrient Dynamics to an Exotic Pest.

Sergey Artiushin, Veterinary Science, \$34,892, New Tools for Detection of Leptospira in Horses.

Leonidas Bachas, Chemistry, \$64,000, REU Site. Undergraduate Research Experiences in Function Materials.

John Baker, John, OISTL/Engineering Distance Learning, \$25,000, Active Control of Blade Dynamic Response Due to Fluid/Structure Interaction in Turbo-machinery: Phase IV.

Christopher Barton, Forestry, \$7,257, Influence of Soil Physicochemical Properties on Hydrology in Carolina Bay Wetlands.

Carol Baskin, Biological Sciences, \$2,000, Seed Dormancy in Nymphaeaceae

Esther Black, Pharmaceutical Technology, \$398,372, Kentucky Cancer Experimental Therapeutics Program Scope Account for Black.

Jane Bryant, Medical Center Library, \$10,000, Health Information and Patient Education-Resources and Training for the Salvation Army Student-Run Free Clinic.

Susan Cantrell, Education Reform and Research, \$25,000, Kentucky Adult Educator Literacy Institute - Scope Account.

Susan Cantrell, Education Reform and Research, \$200,000, Expansion of Content Literacy in Middle and High Schools Classrooms.

Jinhui Chen, Spinal Cord and Brain Injury Research Center, \$293,554, Wnt Signaling Pathway and Neural Stem Cell Fate Determination.

Julia Costich, Health Services Management, \$10,000, Survey Analysis on Uninsured Children at Louisville Safety Net Clinics.

Julia Costich, Preventive Medicine and Environmental Health, \$5,000, Transporting Low-Income Northern Kentucky Applicants for Child Health Coverage.

Mark Coyne, Plant and Soil Sciences, \$3,500, Fate of ¹⁵N-Labeled Organic Nitrogen in Conventionally Managed and Organic Farming Systems.

Joseph Crabtree, Kentucky Transportation Center, \$12,000, Assistance in Preparation of Kentucky's Commercial Vehicle Safety Plan, Research Study-Federal no. 12.

Trevor Creamer, Molecular and Cellular Biochemistry, \$135,173, Sequence Dependence of Polyproline II Helix Formation.

Mark Crocker, Center for Applied Energy Research, \$56,823, Novel Concepts for Low Temperature Hydrocarbon SCR Catalyst Development.

Leslie Crofford, Internal Medicine, \$346,177, Microsomal Prostaglandin E Synthase in Rheumatoid Arthritis.

Peter Crooks, Pharmaceutical Technology, \$22,000, Bone-targeting and Bone Anabolic Compounds.

Richard Crosby, Health Behavior, \$17,675, Georgia Division of Public Health Behavioral Surveillance.

Ralph Crystal, Ralph, Special Education and Rehabilitation Counseling, \$22,680, UK-2005 Client Survey.

James Currens, Kentucky Geological Survey, \$13,230, Delineation of Miller Cave Karst Groundwater Basin for Relocation Kentucky 163, Monroe County, Kentucky.

Sylvia Daunert, Chemistry, \$11,660, Modified Photoproteins - Laura Rowe Supplement.

Jose De Leon, Psychiatry, \$50,000, Antidepressant Medication Intolerance and Pharmacogenetics of the Serotonin System.

Alan Daugherty, Internal Medicine, \$26,227, Sphingolipids and Cardiovascular Disease Type I Diabetes.

Willem De Villiers, Internal Medicine, Multi-center Randomized Double-blind Placebo Controlled Study of Human Anti-TNF Monoclonal Antibody Adalimumab for the Induction of Clinical Remission in Subjects with Moderate to Severe Crohn's Disease.

Willem De Villiers, Internal Medicine, Multi-Center Open Label Study of the Human Anti-TNF Monoclonal Antibody Adalimumab to Evaluate the Long-Term Safety and Tolerability of Repeated Administration of Adalimumab in Subjects with Crohn's Disease.

Willem De Villiers, Internal Medicine, A Phase III Multi-center Open Label Long Term Study of the Safety Tolerability of Intravenous Natalizumab in Chron's Disease Subjects Who Have Previously Participated in Natalizumab Chron's Disease Study CD35.

Mark Dignan, Kentucky Community Cancer Program, \$26,460, Native Network Cancer Resources Center.

James Dinger, Kentucky Geological Survey, \$50,000, Development of Community Water Supplies.

Rebecca Dutch, Research Challenge Trust Fund-Biochemistry, \$294,600, Proteolytic Cleavage of the Hendra Virus Fusion Protein.

Moshe Elitzur, Physics and Astronomy, \$41,320, A Web-based Analysis Tool for Active Galactic Nuclei.

Virginia Ellington, Family Studies, \$4,300, Improving the UK Pre-service Teacher Education Program in Agriculture Through Faculty Professional Development.

Deborah Erickson, Urology, \$97,449, Urine and Bladder Markers of Interstitial Cystitis.

Toufic Fakhoury, Neurology, A Multi-center, Double-blind, Randomized, Parallel-group Evaluation of LAMICTAL Extended Release Adjunctive Therapy in Subjects with Partial Seizures.

Robert Fehr, CES/Biosystems and Agricultural Engineering, \$25,000, EnergyStar Energy Efficient 2005 State Fair Exhibit.

Robert Fehr, CES/Biosystems and Agricultural Engineering, \$20,000, 2005 EnergyStar Equipment.

Gary Ferland, Physics and Astronomy, \$4,860, Physical Processes in Orion's Veil: A High Resolution UV Absorption Study of the Line of Sight Towards the Trapezium

Gary Ferland, Physics and Astronomy, \$83,000, Understanding Interstellar Molecular Hydrogen: Unraveling the Message of its Spectrum.

R. Fisher, Kentucky Geological Survey, \$85,000, Groundwater Quality Monitoring for Nonpoint Source Chemicals in the Jackson Purchase Region of Kentucky.

Bernard Fleming, Interdisciplinary Human Development Institute, \$73,348, Accessibility Training for Kentucky One-Stops.

Michael Fried, Molecular and Cellular Biochemistry, \$19,867, Translocation and Function of Nuclear Ferritin.

Gisela Garcia, Computational Sciences, \$249,000, Evolutionary Species Responses to Global Environmental Changes.

James Geddes, Spinal Cord and Brain Injury Research Center, \$99,883, Timing and Duration of Calpain Inhibition Following SCI.

Paul Glaser, Psychiatry, \$73,650, Center of Biomedical Research Excellence in the Molecular Basis of Human Disease - Pilot Project.

Li Ronnie Graves, Kentucky Transportation Center, \$100,000, Warranty Evaluation I-275 Boone/Kenton Counties MP 1.05 - 7.15, Federal Aid Research Task no. 142.

Li Ronnie Graves, Kentucky Transportation Center, \$100,000, Warranty Evaluation I-65 Warren County 35.6 - 40.0, Federal Aid Research Task no. 143.

Richard Greenberg, Internal Medicine, A Double-blind Randomized Controlled Phase III Study to Assess The Prophylactic Efficacy and Safety of gD-Alum/MPL Vaccine in the Prevention of Genital Herpes Disease in Young Women Who Are HSV-1 and -2 Seronegative.

Richard Greenberg, Internal Medicine, Phase IV, Multi-center Cross-sectional Study to Evaluate the I50L Substitution among subjects Experiencing Virologic Failure on a HART regimen containing Atazanavir (ATV).

Martha Greenwood, Pediatrics, \$19,411, Children's Oncology Group Chair's Grant.

Martha Greenwood, Pediatrics, Children's Oncology Group Per Patient Payment.

Jennifer Grisham-Brown, Special Education and Rehabilitation Counseling, \$5,000, Development of Early Childhood Course to Meet SHIPP Competencies.

Eric Grulke, Chemical and Materials Engineering, \$59,907, Ultrasonicatin Process for Improved Biodiesel Production.

Carol Hanley, Tracy Farmer Center for the Environment, \$3,000, Partnership for a Green City.

Carol Hanley, Tracy Farmer Center for the Environment, \$36,610, Comprehensive Commonwealth Water Education Project.

Carol Hanley, Tracy Farmer Center for the Environment, \$36,610, Comprehensive Commonwealth Water Education Project.

Carol Hanley, Tracy Farmer Center for the Environment, \$33,350, The Living Stream Units of Study.

Issam Harik, Civil Engineering, \$47,466, CTI Academy Hazard Mitigation for Transportation Systems - A Web-Based Short Course on Seismic Evaluation of Bridges.

David Harris, Kentucky Geological Survey, \$41,065, A Systems Approach to Identifying Exploration and Development Opportunities in the Illinois Basin: Digital Portfolio of Plays in Underexplored Lower Paleozoic Rocks.

Donald Hartman, Kentucky Transportation Center, \$14,685, CTI Academy Roundabout Project: An Information Guide and Workshop.

Kimberly Henken, Family and Consumer Sciences, \$4,400, Healthy Homes in Kentucky: Focus on Mold and Home Safety.

Michael Herren, Oral Health Practice, \$5,479, Domestic Violence Toolkit and Continuing Education for Kentucky Dentists.

David Horohov, Veterinary Science, \$145,382, Immune Response of Young Foals Exposed to Rhodococcus.

James Houglan d Jr., Sociology, \$10,000, LCRIMM Subaward for Evaluation.

William Hoyt, Center for Business and Economics Research, \$39,637, Fiscal Policy and Economic Development.

Chifu Huang, Dentistry Research and Graduate Studies, \$26,272, Novel Plant-Based Antimicrobials Against Oral Pathogens.

Patricia Howard, Nursing Instruction, \$35,245, Kentucky Seclusion and Restraint Reduction.

Michael Jay, Pharmaceutical Technology, \$32,000, GMP Sorting of MCC and FA Capsules by NIR.

Michael Jay, Pharmaceutical Science and Technology, \$11,000, Development of rhLF HPLC Assay.

Michael Jay, Pharmaceutical Science and Technology, \$11,000, Validation of Phenoxyethanol Assay.

Michael Jay, Pharmaceutical Science and Technology, \$8,000, Phase II: Development of an Analytical Method for Impurities in an Active Pharmaceutical Ingredient.

Michael Jay, Michael, Pharmaceutical Science and Technology, \$41,000, Clinical Supply Manufacturing of Nitrogen Mustard Hydrochloride Ointment.

Christopher Jaynes, Center for Visualization and Virtual Environments, \$963,000, Rapidly Deployable Visualization for Training and Simulation in Urban Terrains.

Jeffrey Jones, Center for Prevention Research, \$6,000, 21st Century Grant.

Jeffrey Jones, Center for Prevention Research, \$25,000, Youth Risk Behavior Survey Analysis.

Jamshed Kanga, Pediatrics, The EPIC Observational Study: Longitudinal Assessment of Risk Factors for and Impact of Pseudomonas Aeruginosa Acquisition and Early Anti-Pseudomonal Treatment in Children with CF.

Jamshed Kanga, Pediatrics, The EPIC Clinical Study: Effectiveness and Safety of Intermittent Antimicrobial Therapy for the Treatment of New Onset Pseudomonas Aeruginosa (Pa) Airway Infection in Young Patients with Cystic Fibrosis.

Paul Kearney, Surgery, A Randomized Double-Blind, Placebo-Controlled Study to Determine the Efficacy and Safety of Epoetin Alfa in Critically III Subjects.

Paul Kearney, Surgery, EMD20001: A Prospective, Randomized, Placebo-Controlled, Dose Ranging Multi-Center Study of the Safety and Efficacy of 3 Days Continuous Intravenous Infusion of GR270773 in the Treatment of Suspected Confirmed Gram-negative Severe Sepsis in Adults.

Jacqueline Kearns, Interdisciplinary Human Development Institute, \$84,850, ILSSA New Hampshire EAG.

Kimberly Kelly, Behavioral Science, Survey of PCPs Comfort with Management of HBOC and HNPCC.

Adam Kirk, Kentucky Transportation Center, \$14,685, CTI Academy Roundabout Project: An Information Guide and Workshop.

Patrick Kitzman, Rehabilitation Sciences, \$95,405, Role of Glutamatergic System in SCI-induced Spasticity in the Axial.

Natasha Kyprianou, Urology, \$60,000, Fellowship/Zhu: Proteomic Analysis of the TGF-Beta Signaling in Human Prostate Cancer Cells.

Dong Lee, Research Challenge Trust Fund-Management, \$3,000, Industry Co-movement after Joining an Index: Spillovers of Non-fundamental Effects.

Markos Leggas, Pharmaceutical Technology, \$332,828, Kentucky Cancer Experimental Therapeutics Program Leggas Scope.

Jack Leifer, OISTL/Engineering Distance Learning, \$4,999, Increasing Awareness of Career Opportunities and Workforce Breadth at NASA/Jet Propulsion Laboratory.

Carl Leukefeld, Center on Drug and Alcohol Research, \$19,387, Recovery Kentucky evaluation.

Carl Leukefeld, Center on Drug and Alcohol Research, \$330,905, Prescription Drug Study.

Carl Leukefeld, Center on Drug and Alcohol Research, \$270,000, Girls in Drug Abuse Science.

Tonglei Li, Pharmaceutical Technology, \$75,990, CAREER: Towards Fundamental Understanding and Rational Control of Crystal Growth.

Xiangan Li, Pediatrics, \$65,000, Scavenger Receptor BI and Endothelial Nitric Oxide Synthase Work Cooperatively to Prevent Endothelial Cell Dysfunction.

Peter Little, Anthropology, \$5,000, Land Tenure and Conflict Dynamics in Pastoral Areas of Southern Ethiopia: The Guiji-Oromo Case.

Charles Loftin, Pharmaceutical Technology, \$109,850, Center for the Biologic Basis of Oral/Systemic Diseases Scope Project 2 Loftin.

Tk Logan, Center on Drug and Alcohol Research, \$10,000, Safe Havens Project Evaluation.

Mary Marchant, Agricultural Economics, \$302,000, Agrobiotechnology in China: Competitiveness Impacts on US Soybean Export Markets.

Daniel Mason, Music, \$10,000, UK String Project.

Kim McBride, Kentucky Archaeological Survey, \$5,000, Continue the Frontier Fort Project, Summers County, West Virginia.

Kimberly Miller-Spillman, Merchandising, Apparel and Textiles, \$9,900, Teaching Vulnerable Youth to Sew.

Richard Millman, Mathematics, \$40,063, Integrating the Assessment Principle into Mathematics Content Courses for Pre-service Elementary Teachers.

Pedro Moreno, Internal Medicine, \$157,950, Catheter-based Identification and Stabilization of Atherosclerosis Plaques in Rabbits Using Indovascular Stents.

Timothy Mullett, Cardiothoracic Surgery, Protocol EX-2053-001: A Double-blind, Placebo-controlled, Multi-center, Dose-ranging Study of an Anti-T Lymphocyte Immune Globulin (EZ-2053) in the Prophylaxis of Acute Pulmonary Allograft Rejection in Adult Recipients of Primary.

Michael Murphy, Molecular and Cellular Biochemistry, \$224,494, Center of Biomedical Research Excellence in the Molecular Basis of Human Disease - Project 1.

Kenneth Muse Jr., Obstetrics and Gynecology, A Twelve Month Double-blind Randomized, Parallel-group, Placebo-controlled, Multi-center Trial to Investigate the Efficacy

and Safety of Vagafem Low Dose (10pg17Beta-Estradiol Vaginal Tablet) for the Treatment of Postmenopausal Atrophic Vaginitis Symptoms.

Tad Mutersbaugh, Geography, \$9,500, Making the Forest a Factory: The Nature of Sustained Yield Forestry in New Mexico.

Sue Nokes, Biosystems and Agricultural Engineering, \$9,890, UK Renewable Energy Workshop and Web Page.

Marcos Oliveira, Pharmaceutical Technology, \$111,703, Polyamine Inhibition a Target for Biodefense in *Y. Pestis*.

Judy Owens, Rural Kentucky Healthcare, \$5,000, Become a Non-Smoker: Improving Access to Services Smokers Need to Quit.

Sabire Ozcan, Research Challenge Trust Fund-Biochemistry, \$291,061, Histone Acetylation and Insulin Gene Expression.

Subba Palli, Entomology, \$204,000, Molecular Analysis of Juvenile Hormone Action.

Frederick Payne, Biosystems and Agricultural Engineering, \$350,000, Syneresis Sensor Technology Development for Curd Moisture Content Control.

R. Peiter, Community and Leadership Development, \$7,250, Improving the UK Pre-service Teacher Education Programs in Agriculture.

David Pollack, Kentucky Archaeological Survey, \$75,000, Updating and Revising the Archaeological State Plan, Federal Aid Research Task # 144.

Mark Prendergast, Psychology, \$31,581, NRSA Fellowship/Self: Ethanol Withdrawal, HIV-1, and Corticosterone.

David Randall, Physiology, \$125,731, Interdisciplinary Cardiovascular Training Program.

Eric Reynolds, Pediatrics, Safety of Recombinant Human B-Type Natriuretic Peptide for the Treatment of Persistent Pulmonary Hypertension.

Thomas Robl, Center for Applied Energy Research, \$117,250, Cost Share Account for 466625.

F. Scutchfield, Health Services Management, \$10,000, Personal Consulting Contract between EKU and UKRF.

Harohalli Shashidhar, Pediatrics, A Multi-center, Double-blind Study of Colazal in the Treatment of 5 to 17 year-old Pediatric Patients with Mild to Moderate Active Ulcerative Colitis (BZUC3001).

John Slevin, Neurology, Genetic Linkage Study in Parkinson's Disease.

Douglas Smith, Curriculum and Instruction, \$2,100, Improve Career and Technological Education Pre-Service Teacher Education Programs-Business Education.

Suzanne Smith, Mechanical Engineering, \$83,176, Big Blue: Inflatable Wing Alternatives and Advanced Control Designs.

Ernest Snow, Microbiology, Immunology and Molecular Genetics, \$13,000, Autumn Immunology Conference.

Daret St. Clair, Graduate Center for Toxicology, \$98,655, The Role of Radicals in Space Radiation-Induced Malignant Transformations.

Steven Steinhubl, Internal Medicine, Open-Label Study Assessing the Pharmacokinetics and Pharmacodynamics of a Cangrelor Bolus Plus I infusion in Healthy Volunteers.

John Strang, CES/Horticulture, \$539,750, Development and Improvement of Grape and Wine Industry to Benefit the Agriculture Economy of Kentucky.

William Thom, Plant and Soil Sciences, \$70,000, Enhancing Water Quality Education in Kentucky.

Lee Townsend Jr., Entomology, \$6,000, Scope A: Insect Identification.

Patrick Trader, Program for Archaeological Research, \$4,965, Phase I Archaeological Survey of Kentucky 14 and Kentucky 17 Intersection Reconstruction, Kenton County, Kentucky, Item #6-996.

Patrick Trader, Program for Archaeological Research, \$10,095, Phase I Archaeological Survey US 31W Widening, Simpson County, Kentucky, Item #3-8.00.

Patrick Trader, Program for Archaeological Research, \$7,756, Phase I Archaeological Survey Realignment of Kentucky 419, Rowan County, Kentucky, Item # 9-7030.00.

Thomas Waid, Internal Medicine, An Open Label, Prospective, Randomized, Controlled, Multi-Center Study Assessing Fixed Dose vs. Concentration Controlled CellCept Regimens for Patients Following a Single Organ Renal Transplantation in Comb.

Kenneth Warlick, Interdisciplinary Human Development Institute, \$395,400, ILSSA Puerto Rico.

Kenneth Warlick, Interdisciplinary Human Development Institute, \$99,981, ILSSA Georgia.

Bruce Webb, Entomology, \$89,952, Functional Analysis of Polydnavirus and Insect Immune Cell Genes.

Harold Weinberg, Law Instruction, \$18,000, Legal Assistance to Inmates.

Daniel Wermeling, Pharmacy Practice and Science, Open-Label Study Assessing the Pharmacokinetics and Pharmacodynamics of a Cangrelor bolus plus infusion in Healthy Volunteers.

Trevor Winter, Internal Medicine, Phase III Randomized Placebo Controlled Double-blind Parallel Group Multi-center Study to Assess the Efficacy and Safety of Omega-3 Free Fatty Acids (Epanova) for the Maintenance of Symptomatic Remission in Subjects with Crohn's Disease.

Craig Wood, Agricultural Communications, \$167,601, ECOP/CSREES E-eXtension.

Ruigang Yang, Center for Visualization and Virtual Environments, \$180,000, The Light Portal: 3D Reconstruction and Visualization over Space and Time.

Kimberly Zeidler, Appalachian Center, \$275,000, Inquiry and Formative Assessment as Methods to Improve Conceptual Understanding.

Yuming Zhang, UK Center for Manufacturing, \$83,790, GMAW Heat Input Control to Produce Higher Weld Speed.

James Ziliak, Center for Poverty Research, \$100,000, A Proposal to Establish a Small Grants Program for Research on Poverty by Faculty at Historically Black Colleges and Universities, 1890s Schools, and Tribal Colleges and Universities.

James Ziliak, Economics, \$19,149, The Working Poor Blues: Work, Depression, and Labor Force Attachment Among Working Poor Parents.