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Office of the President
June 14, 2005

1. Record 6,272 Graduates Receive Degrees at 138th University of Kentucky Commencement

A record 6,272 students were awarded bachelors, master's, doctoral, and professional degrees at the University of Kentucky's 138th Commencement, on May 8 at Rupp Arena. The graduates heard UK graduate Constantine W. "Deno" Curris, former president of Murray State University and Clemson University and current president of the American Association of State Colleges and Universities, sound a warning about threats to American democracy from an apathetic electorate and religious influences on state decisions. About 5,200 friends and relatives of the graduates attended the ceremony.

2. UK President Todd Takes Message Across Kentucky in 'Dream Tour'

UK President Lee T. Todd Jr. spent eight days in late May and early June in a bus touring more than 20 Kentucky cities as part of "The Dream Tour," an excursion highlighting how UK's research and community engagement benefit Kentucky. Todd unveiled a new initiative – "The Commonwealth Collaboratives" – that directly engages UK faculty and student researchers in helping solve some of the state's most intractable problems. The "Commonwealth Collaboratives" will provide incentives to senior professors working in several critical areas where the university is conducting research with the idea of measuring UK's progress in addressing conditions. Each year, the university – under the direction of the senior professors – will report to the people of Kentucky on the progress of each Collaborative. The tour went into all six of Kentucky's congressional districts and included stops in Covington, Louisville, Owensboro, Henderson, Paducah, Ashland, Paintsville, Hazard, and Somerset, along with other cities. During each tour stop, Todd and UK deans and faculty members met with prospective students, alumni, elected officials, and community leaders to discuss what UK is already doing and what more it can do to work with their communities and the entire state.

3. Todd, UK Officials Join Governor Fletcher on Trip to Japan's World Expo 2005

President Todd and several university representatives accompanied Kentucky Governor Ernie Fletcher to the World Expo 2005 in Japan in mid-May. Highlighting the increasingly active role UK plays in improving industry and the state's economy, Todd and Fletcher focused on the close economic partnership that exists between the Commonwealth and Japan. Todd noted UK's close partnership with Toyota Motor Manufacturing in practical research, as well as other efforts that encourage close ties between Kentucky and Toyota corporations. Traveling with Todd were Wendy Baldwin, UK's executive vice president for research; John Parks, associate vice president for research and economic development and director of UK's Coldstream Research Campus; Eric Grulke, College of Engineering associate dean for research;

and Kozo Saito, a UK mechanical engineering professor who works closely with Toyota on paint technology issues. Saito has a joint patent with Toyota for an invention – the Vortecone Scrubber – that has significantly improved overspray capture during the vehicle painting process, while using much less energy than conventional scrubbers. The World Expo is the first worldwide exposition in the 21st century. Fifteen million visitors are expected to attend the expo, which runs until September 25. During Kentucky Week, May 16-22, UK and state government officials, along with Commerce Lexington economic development representatives, Georgetown College, and the City of Georgetown, will act as host for Japanese business executives, international tour operators, and others.

4. Kentucky, UK Both Improve Standings in Attracting National Science Foundation Grants

Kentucky moved from 33rd to 30th in national rankings of federal spending by the National Science Foundation from 2001 to 2002. In that same time, UK moved from 60th to 57th among all research universities, and from 31st to 28th in public universities. The most recent rankings examine federal research grants and contracts awarded. 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. Last year, UK received \$238 million in all state, federal, and private research grants and contracts and is 14 percent above that this year, officials said.

5. Provost Teaching Awards Announced

In late April, seven faculty members were presented 2005 Provost Teaching Awards by Provost Michael T. Nietzel, who praised the faculty members for their excellence in one of the highest professional callings in the world. Tenured faculty winners (\$5,000) are John Christopher, associate professor, Physics; and Robin Cooper, associate professor, Biology. Non-tenured faculty winners (\$3,500) are Anna Secor, assistant professor, Geography; and Irina Voro, assistant professor, Music. Teaching assistants winners (\$1,000) are Rynetta Davis, English; Erin Kenny, Anthropology; and Allison Tabor, Educational Policy Studies and Evaluation.

6. UK Student, Grad Win National Science Foundation Graduate Fellowships

UK civil engineering graduating senior Michael T. Davidson received a National Science Foundation Graduate Fellowship with a value exceeding \$100,000. Davidson, of Pendleton, will receive a three-year stipend of \$30,000, along with tuition and a \$10,500 cost of education allowance under the fellowship. He won the fellowship on his proposal to study how bridges react to impacts from barges, trucks and terrorist attacks. Davidson wants to help design software to help bridge designers. At UK, Davidson's instructors included civil engineering professor Issam Harik, who encouraged him to seek the NSF fellowship. He said he became interested in bridge design while working a cooperative education assignment with the U.S. Army Corps of Engineers during a semester in his sophomore year. He received his bachelor's degree in civil engineering at UK's 138th Commencement on Sunday, May 8. Meanwhile, a former UK student, Karla Conn, received an NSF Graduate Fellowship in the current year's program. A 2003 graduate in electrical and computer engineering, Conn is attending graduate school at Vanderbilt University.

7. UK Partners in Statewide Initiative to Promote Kentucky's Biotechnology Industry

President Todd and Executive Vice President for Research Wendy Baldwin will lead a UK delegation to BIO 2005, in Philadelphia, June 19-22, to promote UK biotech research, industry partnerships, the Center for Pharmaceutical Science and Technology, and Coldstream Research Campus. The UK delegation will work with others from Kentucky at the BioKentucky booth in the exhibit hall, featuring 1,450 biotech organizations, and meet with invited guests during a Kentucky reception. Phyllotech, a new UK biotech startup producing environmentally friendly topical fungicides, will present a poster during the innovation corridor session. Approximately 80 percent of the U.S. pharmaceutical industry is located within a 50-mile radius of Philadelphia. The Biotechnology Industry Organization represents the world's leading biotech executives, scientists, policymakers, and journalists. President Todd will also host a reception for UK alumni in the area.

8. College of Education Hosts First Kentucky Literacy Research Symposium

Kentucky's first literacy research symposium brought to this state several of the foremost thinkers and researchers in the field of literacy research. Over the course of two days in late April at Spindletop Hall, national literacy specialists, researchers, teachers, and educational leaders from across the state addressed several pressing issues regarding Kentucky literacy: family literacy, No Child Left Behind, and Closing the Achievement Gap. Janice F. Almasi, The Carol Lee Robertson Endowed Professor for Literacy at the UK College of Education, was host of the event. Before the research presentations on Friday morning, Almasi presented Carol Lee Robertson the first annual Friend of Literacy award. Robertson, a College of Education student and benefactor, established the endowed professorship in literacy at the College of Education. Among the guest speakers at the Kentucky Literacy Research Symposium were Cheryl Brown Henderson and Linda Brown Thompson, daughters of the famed plaintiff, Rev. Oliver Brown, from the landmark Supreme Court decision, *Brown v. Board of Education of Topeka, Kansas*. Other speakers included Flora Rodriguez-Brown, Geneva Gay, Kaye Lowe, Brenda Logan, Anne McGill-Franzen, Felicia Cummings-Smith, and Laura Westberg. The Collaborative Center for Literacy Development, The Carol Lee Robertson Endowment for Literacy, and the President's Commission on Diversity sponsored the symposium.

9. First Doctoral Graduates of the New College of Public Health Celebrate

The UK College of Public Health graduated its first-ever class of doctoral students on Sunday, May 8. The 12 students receiving doctoral degrees will pursue careers in public health education, research, and service. In these roles, they will strive to enhance the health status and quality of life for individuals, families, and communities in Kentucky and beyond. The College of Public Health was officially named a college on May 4, 2004, by the UK Board of Trustees. Previously the School of Public Health, it was established at UK in 1998. The Doctorate of Public Health is a terminal professional degree and requires a minimum of 63 semester hours of course work beyond the master's degree. The Doctor of Public Health candidate must have a Master of Public Health, a Master of Science in Public Health, or an equivalent degree before entering the program.

10. Clinical Trials Show Drug Is Effective in Blocking Breast Cancer Recurrence

Results from two clinical trials show that patients with early-stage breast cancer who received trastuzumab (Herceptin[®]) in combination with chemotherapy had a 52 percent decrease in risk for breast cancer recurrence, compared with patients who received the same chemotherapy without the drug. The difference is statistically highly significant. Edward Romond, associate professor of medicine at the UK College of Medicine and UK Markey Cancer Center, is principal investigator on the study and chairs the National Surgical Adjuvant Breast and Bowel Project (NSABP). The clinical trials were sponsored by the National Cancer Institute, part of the National Institutes of Health, and conducted by a network of researchers led by NSABP and the North Central Cancer Treatment Group (NCCTG), in collaboration with the Cancer and Leukemia Group B, the Eastern Cooperative Oncology Group, and the Southwest Oncology Group. Genentech Inc., which manufactures trastuzumab as Herceptin[®], provided the drug for the trials under a Cooperative Research and Development Agreement with NCI. Information from more than 3,300 patients enrolled in the studies was used for analysis. An estimated 211,240 women will be diagnosed with breast cancer in the United States in 2005. An estimated 40,110 deaths from female breast cancer will occur in 2005 in the United States, accounting for about 15 percent of all cancer-related deaths in women in the nation.

11. UK's Research Awards Climb by 14.7 Percent

Awards received through UKRF for July 2004 through April 2005 total \$235,448,333, a 14.7 percent increase over the same period last year. Federal awards have increased from \$121.8 million to almost \$125.5 million (a 3 percent increase).

12. Pharmaceutical Sciences Professor Receives Major Grant

Russell Mumper, associate professor in the College of Pharmacy's Department of Pharmaceutical Sciences, was awarded \$1,614,753 from the NIH to develop HIV vaccines by using recombinant proteins attached to nanoparticles. Working with these nanoparticles, Mumper's team will perform in-vitro and activation studies in mouse and human dendritic cells, and then carry out animal experiments to determine the immune responses of the nanoparticle-based formulations. Currently, there is no effective vaccine for HIV.

13. Coldstream Research Campus Road Named after Nicholas J. Pisacano

An access road to the new American Board of Family Medicine headquarters at Coldstream Research Campus will be named in honor of its founder and first executive director, the late Nicholas Pisacano. He was on the UK Board of Trustees from 1987 to 1990 and served UK in various positions, including professor, assistant dean for the College of Arts and Sciences, director of continuing medical education at the UK medical center, and assistant to the vice president of the medical center. Pisacano's advocacy for the family practice of medicine as a certified discipline was recognized in 1969 with the founding of the American Board of Family Practice. He died in 1990.

14. KGS Plans New Online Mapping Service

The Geospatial Analysis Section of the Kentucky Geological Survey is developing a Web site that will allow users to create highly customized geologic maps for any project area in the state. Users can then view related information, including well data, geotechnical and hazards data, related publications, photographs and illustrations, and a variety of other descriptions about Kentucky geology. A prototype site is expected to be released to the public soon.

15. School of Music Inducts Four into Lampert Music Hall of Fame

The College of Fine Arts School of Music inducted four new members into the Carl A. Lampert Music Hall of Fame in mid-April. The inductees were Timothy S. Brophy, currently a professor at the University of Florida, who was the first elementary music teacher to be honored at the Disney American Teacher Awards; Phyllis Jenness, a former UK professor of vocal studies, who was the founding director of The Lexington Singers; Jacqueline Roberts who toured with John Jacob Niles and the singer for whom he wrote numerous songs to perform; and Lucien Stark, former UK faculty who is considered an expert on the music of Johannes Brahms and has written two outstanding works on Brahms titled *A Guide to the Solo Songs of Johannes Brahms* and *Brahms's Vocal Duets and Quartets with Piano*.

16. Historic Preservation Students and Faculty Assist Effort in Lexington Community

A number of Historic Preservation students and faculty in the College of Design's School of Architecture celebrated the completion of a historic preservation project in the Fayette County community of Uttingertown on May 15. The restored Union Benevolent Society Lodge #28 located on Uttingertown Lane hosted an open house in honor of completion of the preservation project, as part of the "Take Pride in the Bluegrass" celebration recognizing historic preservation and tourism in the Bluegrass.

17. Center for Rural Health Wins Special Johnson & Johnson Leadership Award

The UK Center for Rural Health has been awarded the Johnson & Johnson Community Health Care Leadership Award for Rural Health along with a \$50,000 grant. The center, based in Hazard, was presented the award during an early May ceremony at The Mayflower Hotel in Washington, D.C. Through a combination of grant funding and support resources, the Johnson & Johnson Community Health Care Program aids outstanding community-based organizations that assist medically underserved populations. Grant funds will be used to expand upon the groundwork laid by the Southeast Kentucky Community Access Program (SKYCAP), a lay health worker program administered by the Center from 2000 to 2004. In those four years of activity, SKYCAP provided case management services to more than 8,600 underserved residents of Harlan, Knott, Leslie, and Perry counties and referral services to more than 4,800 others, resulting in a 26 percent decline in the number of hospitalizations reported by its clients.

18. UK Brings Professional Sports Marketers to Campus for Eighth Academy

For the eighth year, the annual UK Sports Marketing Academy explored the concepts of marketing of sports and marketing through sports in a sophisticated, yet down-to-earth forum in early May on UK's campus. The academy, which offers professional certification to attendees in a three-year intensive program, was presented through a partnership between UK's Center for Sports Marketing within the Gatton College of Business and Economics, UK Athletics, and Host Communications. The academy attracts sports marketing professionals, athletic directors, and assistant athletic directors from companies, colleges, and even high schools. They attend sessions focusing on everything from how sports teams can market and license mascots and logos, to how companies can partner with sports teams to attract fans as customers.

19. Rural Health's Bailey-Stumbo Building Wins Architectural Award

The architectural design of the UK Center for Rural Health Bailey-Stumbo Building was honored during the recent Kentuckiana Masonry Institute's annual architectural awards luncheon. Omni Architects of Lexington won a Brick Award of Merit on April 15 for its design of the 57,000-square-foot Hazard facility, which houses the Center for Rural Health's academic, community outreach, and research programs; the UK Family Medical and Family Dental clinics; and Hazard Community and Technical College's allied health program. The interior of the four-story building is organized along a "Main Street" corridor that runs the full length of each floor with full-height glass windows on each end. Large two-story bay windows with balconies are used on the front of the facility to provide visual links to the surrounding mountains, and vibrant color is used throughout to accentuate corridors and public spaces.

20. Nineteen Are Inducted into UK Alumni Association Hall of Distinguished Alumni

The UK Alumni Association inducted 19 members into its Hall of Distinguished Alumni in mid-May. The Hall of Distinguished Alumni was established in 1965 in celebration of the university's centennial year. Every five years, the association recognizes a select group of outstanding alumni and honors them with induction into the prestigious Hall of Distinguished Alumni. The honor acknowledges UK alumni at the pinnacle of success in professional endeavors and community leadership. The 2005 inductees are: Trudy Webb Banta, William Bass III, Dermontti Dawson, William L. Fouse, Virginia G. Fox, Joel C. Gordon, William R. Grant, Angelo B. Henderson, G. Samuel Hurst, Robert G. Lawson, Earnest O. Robbins, Howard Schnellenberger, William R. Sims, Marcia K. Stanhope, Joseph G. Teague, Lee T. Todd, Jr., Douglas J. Von Allmen, Emery A. Wilson, and George C. Wright.

21. Medicine's Class of 2008 Hosts Sixth Annual Hispanic Health Fair

The UK College of Medicine Class of 2008 hosted the sixth annual Hispanic Health Fair on Sunday, June 5, at E. S. Good Barn Field, located near the intersection of Farm Road and University Drive, adjacent to UK Commonwealth Stadium. The free event included vision screenings, blood pressure checks, body mass index tests, diabetes screenings, physical therapy screenings, breast and pelvic exams for women, an ask-a-doc booth, and informational booths about health and financial assistance. There also was music and food from Moe's Southwest

Grill, games for kids, prizes, and a soccer tournament. The annual Hispanic Health Fair began six years ago with the UK College of Medicine Class of 2003, and each year the event is planned and orchestrated by first-year medical students. Volunteers include medical, dental, nursing, physician assistant, and physical therapy students from UK and local health care providers.

22. Leadership Studies to Host Symposium on International Education Reform

The College of Education's Department of Leadership Studies will host a Summer Symposium on International Perspectives on Educational Reform, July 18-29. This symposium resulted from efforts by the Institute for Educational Research to initiate bi-lateral agreements with research universities, including the University of Jyväskylä, Finland's flagship research university. Doctoral students from Finland will attend as well as Jukka Alava, director of the Institute for Leadership at the partner university. In addition, three doctoral students from Ecuador will attend as well as students from East China Normal University in Shanghai, Peoples Republic of China. This is a groundbreaking initiative developed last year by a number of international universities and contributes to the COE's efforts to increase international doctoral instruction and research.

23. Walk Against Child Abuse Sets Records for Attendance and Funds Raised

Student organizations at the College of Education and throughout UK led the annual Walk Against Child Abuse to its most successful fund-raising drive yet for the Center for Women, Children, and Families. In terms of both numbers of participants and dollars raised, the annual Walk hosted by the college set new benchmarks. Nearly 200 participants gathered outside the Bernard "Skeeter" Johnson Student Activities Center, and more than \$1,800 was raised in support of the center.

24. Student Awards and Achievements

Gwendoline Ayuninjam, Education doctoral student, is the first UK student to be named a Holmes Scholar by the Holmes Partnership. The Holmes Scholars are a select group of graduate students preparing for careers as educational leaders or professors. Ayuninjam has interests in international education, especially with the experience of international students in America. She is also the UK representative involved in the Teacher Education Model Programs, a statewide consortium of institutions of higher education.

Jessica Cunningham, Madison Gates, Katrina Hutchinson, Kenneth Royal, Jennifer Eli, and G. T. Lineberry, Education graduate students, participated in the annual Graduate Student Education Research Conference in Cincinnati, co-sponsored by the UK College of Education, U of L, and the University of Cincinnati.

Tierra Freeman and Chris Mueller, Educational Psychology doctoral students, have received student travel awards from the American Educational Research Association Special Interest Group in Motivation this year. Chris and Tierra are two of nine students from all over the country to receive this award. Only the University of Kentucky and James Madison University had two students receiving awards.

Katrina Hutchinson, Educational Policy Studies and Evaluation doctoral student, and Laura Lammenen, Counseling Psychology graduate student, have been accepted to participate in

an exchange program the UK College of Education established with the University of Jyväskylä, Finland's primary research institution.

Matt Middleton, Education, was one of four students chosen as voting delegates from Kentucky at the 2005 National Education Association Student Leadership Conference and Representative Assembly this summer in Los Angeles.

Regina R. Washington, Public Health doctoral student, received the 2005 National Rural Health Association/John Snow Inc. Student Achievement Award. The award honors outstanding graduate students at the association's annual conference.

The UK College of Pharmacy's chapter of the American Pharmacists Association (APhA) won top honors among student chapters during the association's annual meeting in Orlando, Fla. The college's chapter of the APhA Academy of Student Pharmacists was named Chapter of the Year during an awards ceremony April 4. Seventy-seven colleges from across the United States and Puerto Rico competed for the award.

25. Faculty and Staff Awards and Achievements

Dinah Anderson, Social Work, presented for the Lexington Network with Dr. Joanne Melish in a public address at the Lexington Public Library Auditorium in late April. The topic was "Slavery and Its Connection to Reparations: 1865 to the Present."

Patty Cook, Social Work, co-authored "Organizational Learning: A Cross-National Pilot-test of Effectiveness in Children's Services," slated to be published in *Evaluation and Program Planning* later this year.

Crystal Collins-Camargo, Social Work, presented "Adventures in Partnership: Using Learning Laboratories to Enhance Frontline Supervision in Public Child Welfare" and co-presented "Enhancing Supervisory Practice in Child Welfare: Partnerships for Professional Development and Positive Outcomes" and "Program Start Up: Building the Path Together and Successful First Steps" at the Office of Child Abuse and Neglect State Liaison Officers Meeting in Boston in mid-April.

Robert Geneve, Horticulture, recently was selected as a Fellow of the American Society for Horticultural Science. The ASHS is the premier international professional society for horticulture.

Thomas R. Guskey, Educational Policy Studies and Evaluation, has been chosen by the Board of Trustees of Thiel College to receive the 2005 Distinguished Alumnus Award, the highest award given by the college's alumni association in recognition of professional and civic contributions. It will be presented at a special ceremony in October. In addition, Guskey has recently published articles in the *Phi Delta Kappan*, *Principal Leadership*, and the *Journal of Staff Development*. The Chinese translation of his book, *Evaluating Professional Development*, was recently released by the China Light Industry Press in Beijing, and his most recent book, *Benjamin S. Bloom: Portraits of an Educator*, will be coming out this fall.

Kay Hoffman, Social Work, presented "Professional Social Work Education in the Research University: The Promise and The Challenge" at the University of Southern California School of Social Work in early March.

Nick Lawrence, producer and host of the "Curtains@8!" program on WUKY-FM, was recognized by the Polish government for a broadcast series on Krakow.

Joey Norikane, Biosystems and Agricultural Engineering, has been selected to participate in the Summer Faculty Research Opportunities program of the National Aeronautics and Space

Administration (NASA). Norikane will work with NASA colleagues at the Space Life Sciences lab of the Kennedy Space Center on a project studying the use of plants in bio-regenerative life support systems.

Melanie Otis, Social Work, and Diane Loeffler, Social Work doctoral student, co-authored "Changing Youths' Attitudes Toward Difference: A Community-Based Model That Works," in *Social Work with Groups*, 28 (3).

Mary Secret, Social Work, had the article "Parenting in the Workplace: A Child Care Option for Consideration," accepted for publication in the *Journal of Applied Behavioral Science*.

Marie Antoinette Sossou, Social Work, authored "Comments on the resource dimension of conflicts in Sub-Saharan Africa" to be published later this year in *Regional Development Dialogue*.

Suzanne Springate, Markey Cancer Center, has been named the Leukemia and Lymphoma Society's Bluegrass Woman of the Year 2005. Springate raised more than \$4,000 for the society at their 5th Annual Bourbon Tasting at Taylor Made farm. She was awarded woman of the year for her fund-raising efforts and dedication toward finding a cure for leukemia, lymphoma, Hodgkin's disease, and myeloma in Kentucky.

Kathy Swan, Curriculum and Instruction, was a recipient of a 2005 National Technology Leadership Initiative fellowship in social studies education. The fellowships are sponsored by the Society for Information Technology and Teacher Education (SITE). SITE has been collaborating with four teacher education associations representing content areas of mathematics, science, English language arts, and social studies education through the National Technology Leadership Initiative.

26. Faculty Research Activities

Kenneth Agent, Kentucky Transportation Center, \$100,000, Safety Belt and Child Safety Seat Survey.

Kenneth Agent, Kentucky Transportation Center, \$50,000, Identification and Analysis of Crash Locations RS-05-01.

James Anderson, Internal Medicine, Effects of Olibra and a Meal Replacement (MR) on Appetite and Body Weight in Pairs of Overweight and Obese Adolescents and Parents.

Patsy Anderson, Kentucky Transportation Center, \$100,000, FHWA/LTAP Technology Transfer to Local Agencies.

Robert Anderson, Horticulture, \$51,000, KSTC R&D Voucher: Evaluation of Strawberry Growth and Yield in a Controlled Environment Growth Room.

Francisco Andrade, Physiology, \$72,324, Aging of the Intrinsic Laryngeal Muscles.

Rodney Andrews, Center for Applied Energy Research, \$79,045, Continued Development of Pitch/Nanotube Foam and Fiber Composites – CPCPC.

Rodney Andrews, Center for Applied Energy Research, \$50,390, Mild Coal Extraction for Production of Anode Coke – CPCPC.

John Armitstead, PCS Central Services, \$37,195, Scope A - Bioterrorism Training for Hospital and Community-based Pharmacists.

Susanne Arnold, Internal Medicine, Phase 1 Dose Escalation Study of TTI-237 Administered Intravenously Once Weekly.

Ashutosh Barve, Internal Medicine, A Randomized, Double-blind, Placebo-controlled, Multi-center, Phase III Study of Rosuvastatin (CRESTOR) 20 mg in the Primary Prevention of Cardiovascular Events Among Subjects with Low Levels of LDL-cholesterol and Elevated Levels of C-Reactive Protein.

J. Brill, Physics and Astronomy, \$19,568, Electro-optic Studies of Charge Density Wave Conductors.

Eugene Bruce, Center for Biomedical Engineering, \$30,661, KSEF R&D Excellence: Novel Analyses of Human Electroencephalograms for Detection of Brain Injury.

Terry Bunn, Kentucky Injury Prevention and Research Center, \$16,666, Occupational Safety and Health.

Baretta Casey, Family Practice and Community Medicine, \$7,800, Meeting Information Needs of Referrals Electronically.

Richard Charnigo Jr., Biostatistics, \$5,709, Statistical Consulting.

Michael Cibull, Pathology and Laboratory Medicine, \$21,763, Ovarian Tissue Bank.

John Connolly, Computational Sciences, \$1,500,000, State EPSCoR.

Robin Cooper, Biological Sciences, \$5,000, REU: Presynaptic Direct Structure-Function Analysis.

Julia Costich, Health Services Management, \$35,000, National Study of Rural Medicaid Disease Management.

Mark Crocker, Center for Applied Energy Research, \$49,997, KSEF R&D Excellence: Development of COS Adsorbents and Hydrolysis Catalysts for Clean Hydrogen Production.

Richard Crosby, Health Behavior, Partner Notification to Identify and Diagnose Asymptomatic Genital Herpes Infection.

Phillip Desimone, McDowell Cancer Network, 02-GI-68IS-BM Clinical Protocol CA225006: A Phase III Randomized, Open-label Multi-center Study of Irinotecan and Celtuximab vs. Irinotecan as Second-line Treatment in Patients With Metastatic, EGFR-Positive.

Willem De Villiers, Internal Medicine, \$4,000, GI Fellowship Program.

Patricia Dillon, Entomology, \$25,000, Scope D: Sudden Oak Death Nursery Survey.

Rebecca Dutch, RCTF-Biochemistry, \$206,040, Membrane Fusion Promoted by the Human Metapneumovirus Fusion Protein.

Zongming Fei, RCTF-Computer Science, \$33,145, KSEF R&D Excellence: Multimedia Streaming Using Overlay Networks.

Michael Fried, Molecular and Cellular Biochemistry, Cooperative Interactions in DNA Repair.

Dayong Gao, Mechanical Engineering, \$100,618, A Novel Frozen Storage System for Cord Blood Stem Cells.

Richard Gates, Biosystems and Agricultural Engineering, \$92,121, Monitoring Ammonia Emissions.

Said Ghabrial, Plant Pathology, \$10,000, Incidence, Epidemiology, and Resistance to Major Virus Diseases in Soybeans in Kentucky.

Richard Greenberg, Internal Medicine, Phase IIIB/IV, Open-Label, Multi-Center Trial to Evaluate the Safety, Tolerability, and Efficacy of HIV-1 Infected Subjects Switching Their Current Protease-inhibitor Therapies for a Fosamprenavir Therapy Over 48 Weeks.

Richard Greenberg, Internal Medicine, An Exploratory Study of the Effect of Atazanavir (ATV) I50L Mutation on Subsequent Treatment Response.

Liya Gu, Graduate Center for Toxicology, \$251,300, DNA Mismatch Repair Deficiency and Leukemia Relapse.

Carol Hanley, Tracy Farmer Center for the Environment, \$19,500, Kentucky University Partnership for Environmental Education.

J. Hartman, Plant Pathology, \$50,000, Sudden Oak Death Kentucky Forest Survey.

Jimmy Henning, Agricultural Programs, \$99,395, Scope C: Rural Health Bioterrorism and Emergency Preparedness.

David Hildebrand, Plant and Soil Sciences, \$109,555, Epoxy Fatty Acid Accumulation in Seed Oil.

David Hildebrand, Plant and Soil Sciences, \$20,000, Development of Higher Oil Soybeans.

James Hilt, Chemical and Materials Engineering, \$49,882, KSEF R&D Excellence: Novel Method for Synthesis and Integration of Intelligent Polymer Networks with X, Y, and Z Special.

Patricia Howard, Emergency Services, \$7,000, Alcohol Screening and Brief Intervention Pilot Project 2005.

Gerald Janecek, Classics, \$40,000, Moscow Conceptualism: The Artistic and Literary Movement of the Late Soviet Period.

Michael Jay, Pharmaceutical Technology, \$56,700, SaberMate HPLC Assay and Dissolution Assay Development.

Tae Ji, RCTF-Biological Chemistry, \$299,950, Intermolecular Activation of GPCR.

Jeffrey Jones, Center for Prevention Research, \$15,000, Integrating the Medical Home, Schools, and Mental Health for Rural and Urban Low-income Children and Youth.

Jane Joseph, Anatomy and Neurobiology, \$220,950, Neuroimaging of Shape Similarity in Object Recognition.

Douglass Kalika, Chemical and Materials Engineering, \$36,335, KSEF R&D Excellence: Novel Polymeric Membrane Materials for the Purification of Synthesis Gas.

Michael Kalinski, Civil Engineering, \$26,540, KSEF R&D Excellence: Predicting Settlement in Mine Spoil Valley Fills in Eastern Kentucky.

Edward Kasarskis, Neurology, \$1,841,793, Early Treatment of ALS with Nutrition and NIPPV.

Mahesh Kudrimoti, Radiation Medicine, A Phase 3 Study to Evaluate the Efficacy and Safety of Weekly Doses of Palifermin (Recombinant Human Keratinocyte Growth Factor, rHuKGF) for the Reduction of Oral Mucositis in Subjects with Advanced Head and Neck Cancer Receiving Radiotherapy.

Daniel Lau, Electrical and Computer Engineering, \$250,000, Anti-sniper Infrared Targeting System, Phase II.

Guangxiang Luo, Microbiology and Immunology, \$22,095, Molecular Dissection of Hepatitis C Virus Replicase.

David Mannino, Internal Medicine, \$189,000, Impacts of Spirometry Screening in a Large HMO Cohort in the Southern California Region.

James Matthews, Animal and Food Sciences, \$45,750, Alteration of System X-AG Glutamate, CNT Nucleoside, and VGLUT Synaptic Vesicle Glutamate Transport Capacities by Ergopeptides.

James Matthews, Animal and Food Sciences, \$20,000, Understanding How Chlortetracycline Improves the Carcass Quality of Finishing Beef Cattle Project (CTC Project).

Karen McDowell, Veterinary Science, \$43,625, Effects of Herbicides Plateau and Cimarron on Pregnancy Maintenance in Broodmares.

Madhusudan Menon, Computational Sciences, \$6,000, REU: ITR: Large Scale Quantum Mechanical Simulations of Nanomechanics.

David Mohny, Design, \$50,000, Urban Design Studies FY04-05.

James Morris, Chemical and Materials Engineering, \$49,306, KSEF R&D Excellence: Processing of Ultra-fine Grain CC AA 3003 Aluminum Alloy and its Formability Improvement.

Russell Mumper, RCTF-Clinical Pharmaceutical Science, \$286,555, Nanoparticle HIV Protein Vaccines for Cellular Responses.

Kenneth Muse Jr., Obstetrics and Gynecology, A Multi-center, Double-blind, Double-dummy, Randomized, Placebo-controlled Study Comparing a 2.2mg 17 beta-estradiol/0.69 mg Levonorgestrel Combination Transdermal Patch with a Placebo Patch in Postmenopausal Women to Determine the Lowest Effective Dose.

Peter Nagy, RCTF-1-Plant Sciences-PlantPath, \$307,616, Acquisition of a Laser Scanning Confocal Microscope for Plant Science Research.

Lottie Naugle, Center for Entrepreneurship, Carry-forward Funds: Small Business Development Center: Kentucky Small Business Development Centers Program.

David Nister, Center for Visualization and Virtual Environments, \$291,050, UrbanScape: Making a Foreign City as Familiar as the Soldier's Backyard.

John Obrycki, Entomology, \$25,000, Monitor Gypsy Moth Populations for Slow the Spread Program.

Lindell Ormsbee, Kentucky Water Resources Institute, Assessment of Water Quality Trends in the Upper Cumberland River Basin.

Carrie Oser, Behavioral Science, \$24,704, Physicians Assessment Project.

Lynn Penn, Chemical and Materials Engineering, \$32,484, KSEF R&D Excellence: Materials Systems for the Removal of Steroidal Estrogens from Surface Waters.

Jay Perman, Medicine, \$192,088, General Clinical Research Center - Bioinformatics Account.

Jay Perman, Medicine, \$334,599, General Clinical Research Center - Core Laboratories.

Jay Perman, Medicine, \$300,933, General Clinical Research Center-Patient Care Scope.

Jay Perman, Medicine, \$90,573, General Clinical Research Center-RSA Supplement.

Jay Perman, Medicine, \$336,471, General Clinical Research Center-Nurses and Bionutrition.

Jay Perman, Medicine, \$20,000, CReFF - Estrogen Deficiency, Hyperhomocyst (e)inemia and Stroke in Women.

Jay Perman, Medicine, \$20,000, CReFF - Insulin Sensitivity in Lean and Obese Adolescents.

Jay Perman, Medicine, \$1,755,056, General Clinical Research Center.

Robert Perry, Microbiology, Immunology and Molecular Genetics, \$98,744, Antimicrobials Against the Plague Yersiniabactin System.

David Pollack, Kentucky Archaeological Survey, \$10,000, Archaeological Survey of 1,024 Acres Owned by Livingston County Fiscal Court-Newmans Bluff & Bissel Tracts.

David Pollack, Kentucky Archaeological Survey, \$3,000, Big Bone Lick State Park, Boone County, Kentucky Archaeological Assessment and Monitoring of Heavy Use Area.

David Pollack, Kentucky Archaeological Survey, \$84,387, Proposal for Additional Archaeological Excavations at the Portland Wharf Site (15JF418).

David Pollack, Kentucky Archaeological Survey, \$12,000, Archaeological Survey of the HLCF Tract (Bruce Smith Tract) on the Red River, Wolfe County.

Michael Reid, Physiology, \$135,037, Redox Signaling in Skeletal Muscle Biology.

Lynne Rieske-Kinney, Entomology, \$6,503, Oriental Chestnut Gall Wasp Associates in Eastern North America.

James Rinehart, Administration and Supervision, \$6,000, SAELP Leadership Conference Support.

Harold Rowe, Geology, \$26,793, Reconstructing Late Quaternar Paleohydrology of the Lower Ohio Valley.

Arman Sabet, Neurology, Pilot Trial of Rituximab in Myasthenia Gravis.

Kozo Saito, Mechanical Engineering, \$98,500, Infrared NDT and Inspection Technologies for 2005 - Phase I.

Boutzos Sawaya, General Clinical Research Center, \$50,000, Mentored Medical and Dental Student Award.

Michael Sharkey, Entomology, \$9,250, Scope A: Large-scale Phylogeny of Hymenoptera (REU Supplement).

Vijay Singh, Electrical and Computer Engineering, \$49,992, KSEF R&D Excellence: High Surface Area Nanoporous TiO₂, SnO₂ and Intelligent Polymer Network Films for Gas Sensing.

Michael Singleton, Kentucky Injury Prevention and Research Center, \$44,461, Technical Assistance for KASPER.

Eric Smart, Pediatrics, \$110,153, Mechanism of Diabetes-associated Hypertension.

Jimmy Smart, OISTL/Engineering Distance Learning, \$25,000, Purification and Recovery of Radiologically Contaminated Metals II.

Daret St. Clair, Graduate Center for Toxicology, \$249,136, Mechanism of MnSOD Expression in Normal and Tumor Cells.

Marcia Stanhope, Nursing Instruction, \$77,200, Hope Center Health Care Clinic.

Timothy Stombaugh, Biosystems and Agricultural Engineering, \$4,600, Using GPS and Spatial Technologies in Agriculture.

Susan Straley, Microbiology, Immunology and Molecular Genetics, \$165,263, New Vaccine Candidate for Pneumonic Plague.

Patrick Sullivan, Spinal Cord and Brain Injury Research Center, Oxidative Stress and the Ketogenic Diet.

Jennifer Swanberg, Social Work, \$9,000, I'm a Kid Too! Funded by the Society for Arts in Healthcare and Johnson & Johnson.

Alice Thornton, Internal Medicine, \$502,956, Bluegrass Care Clinic, Provide Outpatient Early Intervention Services to Persons Living with HIV/AIDS (PLWHA).

Thomas Tobin, Veterinary Science, \$39,009, Synthesis of Ergovaline for Experimental Uses.

Patrick Trader, Program for Archaeological Research, \$41,794, Phase II Archaeological Testing for 15SC271, Georgetown Northwest Bypass, Scott County, Kentucky, Item No. 7-102.00.

Patrick Trader, Anthropology Museum, \$28,081, Phase II Archaeological Evaluation of Site 15FA279 Bluegrass Airport Runway 4-22 Improvement Project, Fayette County, Kentucky.

Mary Vore, Graduate Center for Toxicology, \$30,816, Environmental Toxicology/Short Term Research.

James Walker, Center on Drug and Alcohol Research, \$19,999, Brain Injury Guidelines.

Craig Wood, Agricultural Communications, \$199,997, ECOP/CSREES E-eXtension-Supplement.

Jerold Woodward, Microbiology, Immunology and Molecular Genetics, \$79,944, Nanoparticle HIV Protein Vaccines for Cellular Responses.

Edward Woolery, Geology, \$47,498, High-Resolution Geophysical and Geological Investigations of Lower Wabash Valley Fault System Neotectonics.

Stephen Wyatt, Epidemiology, \$25,000, Statewide Strategic Plan for Public Health Education and Research.

Dong-Sheng Yang, Chemistry, \$99,259, KSEF R&D Excellence: Laser Spectroscopic Characterization of Transition Metal-Aromatic Compounds.

Jun Zhang, Computer Science, \$31,191, KSEF R&D Excellence: Support Vector Machine Approach To Matrix Condition Number Prediction.

Hongyan Zhu, Plant and Soil Sciences, \$100,000, Assessing RNAi as a Reverse Tool for Genetic Analysis of NBS-LRR Gene Function in *Medicago truncatula*.

Matthew Zook, RCTF-Geography, \$59,539, Connecting Cyberspace to Place: Understanding the Evolution of Transactions and Value Chains in Electronic Commerce.