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Office of the President  
January 24, 2006

1. Clinical Psychology Program Ranked 15th in Nation

The University of Kentucky clinical psychology program was ranked 15<sup>th</sup> in the nation among public institutions and 26<sup>th</sup> among both public and private universities out of 157 American Psychological Association approved programs. The ranking was published in *Research in Developmental Disabilities*, a psychology peer-reviewed journal. A group of researchers authored the study and looked at the publication rate and number of citations faculty at each institution produced. Performance was judged by the capacity faculty have to place papers in peer-reviewed journals and how many times published papers had been cited by colleagues.

2. Local Group Nominated Safe Kids Worldwide Coalition of the Year

Safe Kids Fayette County was one of five worldwide coalitions nominated as the 2005 Safe Kids Worldwide Coalition of the Year. Safe Kids Fayette County, led by Kentucky Children's Hospital, is part of Safe Kids Worldwide, the first and only national nonprofit organization dedicated solely to the prevention of unintentional childhood injury. The nomination is a credit to the coalition's hard work and tremendous collaborative achievements made in educating families in the community on the issue of preventing accidental childhood injury. Safe Kids Fayette County is active in educating the community about child restraint safety, fire prevention, seat belts, pedestrian safety, bicycle safety, and many other forms of childhood injury prevention.

3. Task Force on Racial Diversity and Equality Formed

President Lee T. Todd, Jr. formed a task force that will address the challenges of African-American faculty and staff recruitment, as well as a wide range of campus diversity issues. Todd said the Task Force on Racial Diversity and Equality will have as its primary focus increasing the number of African-American faculty, academic administrators, staff, and students. The task force will also review and make recommendations regarding the procedures followed by faculty and administrative staff search committees and ensuring there is diverse representation on campus search committees and other work groups. The task force will be chaired by William Turner, UK's vice president for university engagement and associate provost for multicultural affairs. Todd said he expects the task force to forward final recommendations to him by December 2006.

4. Rights to Blood Test for Detecting Lung Cancer Sold to 20/20 GeneSystems Inc.

The university has granted exclusive rights to 20/20 GeneSystems Inc. for a new blood test that has shown exceptional accuracy for the early detection and screening of non-small cell lung cancer (NSCLC). Working with the UK team, the company intends to develop a diagnostic that would help identify lung cancer in smokers, former smokers, and other at-risk individuals at its earliest, most effectively treatable stages. Dr. Edward Hirschowitz and Li Zhong of the Division of Pulmonary and Critical Care Medicine, along with several associates, have identified multiple antibodies that the body's immune system produces in response to lung cancer development. The presence and amounts of these antibodies in the blood predict NSCLC with better than 90 percent accuracy, including at very early stages of the disease. NSCLC comprises approximately 80 percent of all lung cancers. Part of this research was reported in the November 2005 issue of the *American Journal of Respiratory and Critical Care Medicine*, published by the American Thoracic Society.

5. Health and Wellness Program Wins Koop Award

The UK Health and Wellness Program was recognized as one of several annual C. Everett Koop National Health Award winners. With this recognition, UK becomes one of only three universities to receive such recognition since the Koop Award program began in 1994 and is the first to be recognized for a broad-based health improvement initiative.

6. UK Physicians Named Best Doctors in America<sup>®</sup>

Sixty-four physicians at the UK Chandler Medical Center have been named to this year's list of Best Doctors in America<sup>®</sup>. UK has more physicians on the list than any other hospital or medical center in the state.

7. Grant to Ensure Safety of Children Exposed to Drugs

A network of Drug Endangered Child teams will be created throughout southern and eastern Kentucky to help ensure the safety of children exposed to drug use and production. UK received a \$362,128 grant from the Appalachian Regional Commission (ARC) for this project. Counties to be served include Bell, Breathitt, Carter, Casey, Clay, Clinton, Elliott, Estill, Floyd, Harlan, Jackson, Johnson, Knott, Knox, Lawrence, Lee, Leslie, Letcher, Lewis, McCreary, Magoffin, Martin, Menifee, Monroe, Morgan, Owsley, Perry, Russell, Wayne, Whitley and Wolfe. All are considered "distressed" by the ARC. To implement the initiative, UK will partner with Operation UNITE (a regional anti-drug initiative focusing on education, treatment, and investigations related to substance abuse) and its community coalitions.

8. Research Enables Production of More Efficient Computer Chips

UK researchers have discovered a means of reducing the gate leakage current of transistors in computer chips that will permit chip producers to continue developing more efficient and powerful chips with reduced power consumption. Zhi Chen, associate professor of electrical and computer engineering, found that applying rapid thermal processing directly on

gate insulators – used to control current flow of transistors in computer chips – can dramatically reduce the chips’ leakage current and correspondingly the power consumption.

9. School Takes Part in U.S. Department of State Edward R. Murrow Journalism Program

UK’s School of Journalism and Telecommunications is one of six schools in the country to partner with the Aspen Institute to take part in the U.S. Department of State Edward R. Murrow Journalism Program. Secretary of State Condoleezza Rice announced the innovative international journalism program on December 13 in Washington, D.C. In April 2006, the Department of State’s Bureau of Educational and Cultural Affairs and the Aspen Institute along with six leading American universities will begin working together to promote journalistic excellence around the world. The exchange program will invite 100 international media professionals to engage with U.S. journalists and participate in programs at leading U.S. journalism schools.

10. Gill Heart Institute Partners with Rockcastle Hospital

As part of a continuing effort to bring the benefits of health care research to patients across the state, the Jack and Linda Gill Heart Institute is partnering with Rockcastle Hospital in Mount Vernon to give rural patients access to expert heart care. Dr. Rick McClure, an experienced interventional cardiologist, internal medicine associate professor, and a published researcher in the field of cardiology, sees patients each Friday at the Rockcastle Medical Arts Building.

11. New Program Involves Faculty, Staff in Student Recruitment

“Wildcat Watch,” a new program introduced by the Office of Undergraduate Admission and University Registrar, asks faculty and staff to become involved and take a proactive approach to the enrollment process. Faculty and staff are encouraged to use an on-line Web form to inform the enrollment management team about prospective students.

12. Metropolitan Opera National Council Auditions Held Here

The Lexington Opera Society, in cooperation with UK Opera Theatre, hosted district auditions as part of the Metropolitan Opera National Council Auditions program and two Master Classes with Kevin Murphy and Diana Soviero, artists who have performed on stages around the globe. All events were free and open to the public.

13. Men’s Chorus to Perform for Nation’s Educators

The UK Men’s Chorus, directed by Jefferson Johnson, has been invited to perform at the national convention for the Music Educators National Conference in Salt Lake City, Utah, in April 2006.

14. Career Center Increases Number of Companies Interviewing on Campus

The James W. Stuckert Career Center increased by 23 percent the number of companies that came to campus for interviews with students during the fall 2005 semester compared to fall 2004. UK hosted 115 companies for on-campus interviews during fall 2005 compared to 88 companies in fall 2004. Companies coming to UK for the first time to interview students this year included ACS, United Technologies, Bowen Engineering, Carrier, Dell Computers, and Rolls Royce.

15. Alumni Sculpture Show Honors Outstanding Artists

The Department of Art's Alumni Sculpture Show, including an event honoring visiting former faculty member and sculptor, Jack Gron, was on display at the Barnhart Gallery November 14-19 and featured a performance piece from UK alumnus and Lexington artist, Keith Spears, titled "The Resonation Letter," which is made with a typewriter and elements of light and amplified sound. In addition, the department hosted its 13th annual Iron Pour in November at the metal arts studio in the Reynolds Building as well as numerous workshops on making resin and ceramic shell molds, and a presentation on the Iron Coupola Casting process.

16. School of Human Environmental Sciences Adds to Its Alumni Hall of Fame

The College of Agriculture's School of Human Environmental Sciences inducted three new people into its Alumni Hall of Fame. The 2005 inductees are Cozatta Tucker Helm, vice president of research and development at Wixon Inc.; Tanya Gaye Pullin, currently a state representative in the Kentucky House; and Sue Hicks Whitaker, associate professor in the Department of Family and Consumer Sciences at Ball State University.

17. 2005 Kentucky Annual Economic Report Published

A study published in the 2005 Kentucky Annual Economic Report, an annual publication of the UK Center for Business and Economic Research, finds that since the welfare reform passed by Congress in 1996, the number of Kentuckians in that program has substantially decreased. However, the authors, William Hoyt and Frank Scott, also find that since 1996 the decreases in participation in two other programs, food stamps and supplemental security income, have been relatively small when compared to other states. They contend that there is a growing consensus that economic conditions, more than programmatic reforms, were responsible for welfare participation reductions of the past ten years. A study by Paul Coomes argues that the state is missing lucrative office economy growth and could benefit from tax modernization.

18. Winter College Set for February in Naples, Fla.

The UK Office of the President, the Office of Development, and the UK Alumni Association will sponsor the Winter College 2006 for alumni and friends at the Naples Beach Hotel and Golf Club February 6. Topics include "From Flappers to Rappers: Slang in the Twentieth Century," "Seeing Beyond Blindness," "Kentucky Painters, American Art," and "Kentucky Remembered: Oral History and the Memories of our Time." Speakers include

President Lee T. Todd, Jr., Terry Birdwhistell, Kathy Walsh-Piper, Alan DeSantis, and Jayakrishna Ambati. To register, call (800) 875-6272 or visit [www.ukalumni.net/wintercollege](http://www.ukalumni.net/wintercollege).

19. IRIS Project Makes Progress

The first part of Phase I Go Live of the Integrated Resource Information Systems (IRIS) Project, including Financials and Controlling, Procurement, and Student Accounting, went live for the University on October 3. The Student Accounting module was implemented one full year ahead of the planned schedule. Financials for the Kentucky Services Medical Foundation went live on January 1, 2006. Work continues on the Phase I Go Live for the HR/Payroll and Hospital Inventory modules, both scheduled for April 1. The University has received authorization for Phase II of the IRIS Project. This work will continue through 2008.

20. Nursing CD Garners Honors

UK HealthCare is the recipient of a 2005 Creative Summit Award for Interactive Media. The organization's marketing group was recognized for "Nursing Excellence...the UK Way," an interactive CD produced with Arthur Rouse of Video Editing Services and authored by Drew Hunt. The CD includes 360-degree views of UK medical facilities, interviews with nurses, and maps and video about central Kentucky.

21. E-mail Greetings Available for Patients

Patients at UK Chandler Medical Center have another way to connect with friends and family during their stay: e-greetings. By logging onto the UK HealthCare Web site, well-wishers may send an e-mail to in-patients staying at the UK Hospital, Markey Cancer Center, or Kentucky Children's Hospital.

22. Silas House's First Play Presented

The Theatre Department presented a sneak peek of the production of Kentucky author Silas House's first play, *The Hurting Part*, on November 19 at Joseph-Beth Booksellers. The play, under the direction of Sullivan Canaday White, was presented December 1-11 at UK's Guignol Theatre.

23. Students Awards and Achievements

College of Education graduate student Maria Almario-Rosenbaum chaired a major health fair in early December for Hispanics in central Kentucky. The event, called Dia de la Mujer Latina (The Day of the Latin Woman), honored women through leadership awards and provided free health care services. Almario-Rosenbaum is also an immigrant outreach specialist with the Bluegrass Rape Crisis Center.

Patrick Angel, graduate student in Forestry, was selected as one of only nine people to earn the 2005 Manuel Lujan, Jr. Champions Award from the U.S. Department of the Interior. The award recognizes extraordinary ability to build successful partnerships and involvement in community projects that encourage conservation of natural and cultural resources.

UK leads the nation with three players – kicker Taylor Begley, offensive tackle Hayden Lane, and cornerback Antoine Huffman – elected to the Academic All-America Team sponsored by *ESPN The Magazine* and voted on by the College Sports Information Directors of America. Begley and Lane earned first-team honors while Huffman was a second-team selection. Three Academic All-America players in one year is a school record for Kentucky.

Susan D'Souza, a 2005 graduate of the pharmaceutical sciences graduate program, received the Outstanding Graduate Student Research Award in Pharmaceutical Technologies sponsored by Solvay Pharmaceuticals at the American Association of Pharmaceutical Sciences.

Crystal Little, a School of Journalism and Telecommunications student from Albany, Ky., placed 12<sup>th</sup> out of 101 contestants in the William Randolph Hearst Foundation's Journalism Awards Program for college feature writing. Little, a journalism senior, was the only student from a Kentucky university to place among the top 20 awardees. Little's entry, "Not So Far Away," appeared in the Oct. 20, 2005, issue of *The Kentucky Kernel*. The piece chronicles the experiences of a UK medical student and a Lexington resident working with AIDS patients in the African nation of Lesotho, where Little and *Kernel* photographer Jonathan Palmer spent a month of their summer on assignment. UK finished ninth overall in this first round of competition, on the strength of Little's entry and that of Adam Sichko, *Kernel* editor in chief.

Jigna D. Patel, a student in the pharmaceutical sciences graduate program, was selected to present during the American Association of Pharmaceutical Sciences Graduate Student Symposium in Drug Delivery and Pharmaceutical Technology sponsored by Bristol-Myers Squibb Company.

Danielle Wallace, a first-year pharmacy student and senior member of the UK women's volleyball team, was named SEC scholar-athlete of the year at the annual SEC Volleyball Awards banquet held in November.

Wie Yusuf, a doctoral candidate in the Martin School of Public Policy and Administration, has been awarded a Ewing Marion Kauffman Dissertation Fellowship. The fellowship, worth \$15,000, will allow Yusuf to write her dissertation, which focuses on the different factors of success of entrepreneurship and the policy implications for cities and states.

#### 24. Faculty and Staff Awards and Achievements

John Armitstead, Pharmacy Services at UK Hospital, was installed as president of the Kentucky Society of Health-System Pharmacists for 2005-06.

Heidi M. Anderson, Pharmacy, has been selected to a six-year term to the American Council on Pharmacy Education Board of Directors.

Malachy Bishop, Rehabilitation Counseling, and Warren Rule, professor emeritus of Virginia Commonwealth University, co-authored the book *Adlerian Lifestyle Counseling: Practice and Research*.

Sheila Botts, Pharmacy, has been elected president-elect of the College of Psychiatric and Neurologic Pharmacists with her term beginning in July 2006. She will serve one year as president-elect, one year as president, and one as past-president. Botts, a 1993 graduate of the UK College of Pharmacy, is also a founding member of the organization.

Desmond Brown, Nutrition and Food Science, received a Fulbright Senior Scholar award under the Fulbright Visiting Scholars Technical Program. Brown will travel to Vidzeme University College in Latvia to conduct a five-week workshop and teach graduate courses in business tourism and international project management.

Baretta R. Casey, Medicine, has been named director of the Center for Rural Health in Hazard. A former private practice physician in Pikeville, Casey has directed UK's Hazard-based East Kentucky Family Practice Residency Program, which trains medical school graduates for practice in rural areas. She also is a professor in the UK College of Medicine, vice chair of UK's Department of Family and Community Medicine, and a member of the American Medical Association's Council on Medical Education – the only representative on the 13-member council who lives outside an urban area.

James Cecil, Dental Public Health, was awarded the 2005 John W. Knutson Distinguished Service Award in Dental Public Health by the American Public Health Association.

James A. Francis, Classics, received a prestigious national fellowship that will allow him to work full-time on a book about the use of images in second- through fourth-century literature. The National Endowment for the Humanities Fellowship provides a \$40,000 stipend so Francis will be able to concentrate on his research and writing instead of teaching classes for nine months to a year.

An interview with Thomas R. Guskey, Educational Policy Studies and Evaluation, was recently published in *Evaluation Exchange*, a publication of the Harvard Graduate School of Education. The interview highlighted his work in linking professional development for educators to specific improvements in student learning. Articles by Guskey also appeared this fall in *Educational Leadership* and *Evaluation Comment*.

Kay Hoffman, dean of the College of Social Work, will present “Ethical Issues Facing Social Workers” at the upcoming Association for Practical and Professional Ethics 15<sup>th</sup> Annual Meeting, March 2-5, in Jacksonville, Fla.

Michael Jay and Russell J. Mumper, Center for Pharmaceutical Science and Technology, have been issued U.S. Patent 6855270 titled “NanoScintillation Systems for Aqueous-Based Liquid Scintillation Counting.” Their invention, assigned to the UK Research Foundation and licensed to NanoMed Pharmaceuticals, covers processes to make nanoparticle-based NanoScintillation Systems used to detect beta-particle- or alpha-particle-emitting radioisotopes without the use of the organic solvents commonly used in conventional liquid scintillation “cocktails.” In addition, Jay received the Distinguished Service Award from Bluegrass Pharmacists Association.

Gregory Luhan, Architecture assistant professor, recently received two awards for written and graphic presentations on his digital design concepts and projects used in his digital design studio at UK. Luhan won Best Paper Award for his presentation at the 2005 Association of Collegiate Schools of Architecture East-Central Conference. His lecture and paper, titled “At Full-Scale: From Installation to Inhabitation,” presented the designs, pedagogy, and methodology he developed through his digital design studios at UK. Luhan's paper will be submitted to the ACSA National Conference. In November, Luhan's paper, “From Art to Part: DL-1 Resonance House,” won a Premios a las Mejores Presentaciones (Best Presentation Prize) in the category of Diseño Digital y Fabricación (Digital Design and Manufacture) at the IX Congreso Iberoamericano de Gráfica Digital (IX Iberoamerican Congress of Digital Graphics). The topic of his paper and exhibition focused on the digital-to-digital, full-scale assembly process of his current digital fabrication studio now under construction in downtown Lexington.

The Society of Infectious Diseases Pharmacists, an association of health professionals dedicated to promoting the appropriate use of antimicrobial agents, has presented Craig Martin,

Pharmacy, with the Clinician of the Year Award for his work in antimicrobial management at UK Hospital.

UK Linda and Jack Gill Heart Institute co-director David J. Moliterno, Internal Medicine, was named to a leadership position in the country's most prestigious society for heart specialists. Moliterno has been named the American College of Cardiology Governor-Elect in Kentucky for 2006-07 and will serve as governor of the state chapter for 2007-10.

Debabrata Mukherjee, a UK Jack and Linda Gill Heart Institute cardiologist and nationally recognized vascular disease expert, has authored a book to help guide other physicians in caring for patients with peripheral vascular disease, which involves blood vessels outside the heart and brain. *Pharmacological Therapies for Peripheral Vascular Disease* is intended for practical use by a wide range of physicians, from internists and family physicians to specialists who diagnose and treat vascular disease patients.

Four UK professors have won Fulbright Scholarships to conduct studies in their areas of expertise in other countries in 2005-06. Additionally, three professors at foreign universities have been awarded Fulbright scholarships to visit the University of Kentucky in the same period. The Fulbright Scholars from UK are Tad Mutersbaugh, Geography, associate professor, who will conduct research on the impact of specialty and differentiated coffee market participation on U.S.-Mexico migration at the University of Oaxaca, Oaxaca, Mexico, from January 2006 to July 2006; John Edward Staller, Anthropology, a visiting assistant professor, who will conduct research on the origins of monumental architecture in coastal Ecuador at the Pontifical Catholic University of Ecuador, Quito, Ecuador, from May 2006 to July 2006; Paul Vincelli, Plant Pathology, extension professor, who studied the development of regionally appropriate methods for reducing fungicide use on vegetable crops at the National Institute of Agricultural Research, Montevideo, Uruguay, from May 2005 to August 2005; and David Haynes Wise, Entomology, professor, who will lecture on generalist predators and the dynamics of terrestrial food webs at the University of Buenos Aires, Buenos Aires, Argentina, from March 2006 to June 2006. The three Fulbright scholars who will visit UK are Lahcen Benaabidate, a geology teacher and researcher at Abdallah University, Fez, Morocco; Sergio Estrada Dominguez, an assistant professor of algebra from the University of Granada, Granada, Spain; and Iin Purwati Handayani, an agriculture professor from the University of Bengkulu, Bengkulu, Indonesia.

Bruce O'Hara, Biology associate professor, made headlines regarding his studies on meditation and brain function, based on his presentation at the Society for Neuroscience meeting. O'Hara was cited in recent articles in the *New Scientist* and *USA Today*. As well, he conducted interviews with *Science Update* that have been turned into 60-second radio spots that are played on various radio stations across the country.

Philip Palmgreen, Communications and Information Studies, received the 2005 Gerald M. Phillips Award for Distinguished Applied Communication Scholarship.

John Piecoro, Pharmacy, has been named a Fellow of the Kentucky Society of Health-System Pharmacists. Fellows in the organization are recognized for their excellence in pharmacy, grant recognition, and promotion of public awareness of Kentucky pharmacy.

The Association for Career and Technical Education presented Doug Smith, Curriculum and Instruction, the Award of Distinction. The award recognizes excellence in research, leadership in professional associations, and professional stature.

Kelly M. Smith, Pharmacy, was named the Kentucky Society of Health-System Pharmacists' "Pharmacist of the Year" for her leadership in drug information, adverse drug



reaction program development, residency preceptor skills, national and local leadership, Pharm.D. student teaching and training, presentations, and publications.

Will Snell, Agricultural Economics, and Steve Isaacs, Cooperative Extension Community and Economic Development, will receive in February the Outstanding Extension Award Program Award from the Southern Agricultural Economics Association for their tobacco buyout education program.

Jennifer Swanberg, Social Work, was nominated for the annual Rosabeth Moss Kanter Award for Excellence in Work-Family Research, based on her article, "Illuminating gendered organizational assumptions: The first step to creating a family-friendly organization," published in *Community, Work and Family*.

William Thom, Plant and Soil Sciences, headed the Kentucky Water Team that earned the Team Award of Excellence from the 13-state Southern Region Extension Water Quality Coordinators. The award is for outstanding work in implementing educational programs. UK team members included Amanda Abnee, Ashley Osborne, Kim Henken, Henry Duncan, and Carol Hanley.

Chris Thompson, Regulatory Services, was appointed to the executive board of the national Dairy Practices Council. The Council is a non-profit organization comprised of education, industry, and regulatory personnel concerned with milk quality, sanitation, and regulatory uniformity.

25. Faculty Research Activities – *Research grants are reported in a new format: first and last name of principal investigator, department, grant or multiple grant listings, sponsor, and first and last name of co-principal investigator and department.*

Val Adams, Pharmacy Practice and Science, Biosynthetic Key Steps of Angucycline Antitumor Drugs, National Cancer Institute. (Jurgen Rohr, Pharmaceutical Technology).

Linda Alexander, Health Behavior, African-American Churches' Role in Tobacco Norm Change, Innovative, Developmental, and Exploratory (IDEA) Grant. Marta Mendiondo, Biostatistics.

Kimberly Anderson, Chemical and Materials Engineering, A Cell Based Biosensor for Early Detection of Cancer, Kentucky Science and Technology Co. Inc.

Susanne Arnold, Internal Medicine - Hematology/Oncology, A Phase One Trial of Gemcitavine and Paclitaxel (GEMTAX) Plus Low Dose Radiation in Patients with Recurrent Head and Neck Cancer, Eli Lilly and Company.

John Baker, Mechanical Engineering, KSEF R&D Excellence: Improved Power Generation Via Active Vibration Control of Turbomachinery, Kentucky Science and Technology Co. Inc. Vincent Capece, OISTL/Engineering Distance Learning.

Michael Bardo, Psychology, Minority Supplement-Drug Abuse Prevention: A Lifecourse Perspective IV.

Michael Bardo, Psychology, Drug Abuse Prevention: A Lifecourse Perspective IV Project 1.

Joseph Berger, Neurology, CNS Viral Dynamics and Cellular Immunity During AIDS.

Peter Blackburn, Ophthalmology, A Randomized, Double-Masked, Parallel Group, Multi-Center Dose-Finding Comparison of the Safety and Efficacy of ASI-001A 0.5 pg/day.

Antonio Bosch, Internal Medicine - Gastro, A Pilot Phase 2, Randomize, Multi-Center, Open-Label, Parallel-Group Study of the Effect of Prevacid IV and Oral Prevacid SoluTab in Prevention of Recurrent Bleeding from Peptic Ulcers.

Crystal Collins-Camargo, Social Work, National Quality Improvement Center on the Privatization of Child Welfare Services.

Carl Dillion, Agricultural Economics, SRRME: Precision Agriculture Decision Aids for Risk Reduction, Texas A&M University. Steven Isaacs, Agricultural Economics; Juma Salim, Agricultural Economics; Timothy Stombaugh, Biosystems; and Robert Geneve, Horticulture.

Paul Eakin, Mathematics, Kentucky Early Mathematics Testing Program.

Richard Gates, Biosystems and Agricultural Engineering, Kentucky Rural Energy Supply Program.

Paul Goodrum, Civil Engineering, Document How Technology Replaces Experience.

Richard Greenberg, Internal Medicine - Infectious Disease, A Multicenter, Open-Label Phase I/II Study to Evaluate Safety and Immunogenicity of MVA-BN Smallpox Vaccine in HIV Infected Subjects (CD4 counts > 350/ul) and Healthy Subjects with and without Previous Smallpox Vaccination, Bavarian Nordic.

Theodore Grossardt, Kentucky Transportation Center, CTI Academy Evaluation of Noise Impact Mitigation Protocols to Support Context Sensitive Solutions, Kentucky Transportation Cabinet.

Eric Grulke, Chemical and Materials Engineering, Self-Assembled Coatings for Military Optical Applications.

Carol Hanley, Tracy Farmer Center for the Environment, UK Research/Solid Waste, Kentucky Department of Military Affairs.

Lenn Harrison, Livestock Diagnostic Disease Control, Bovine Spongiform Encephalopathy (BSE) Surveillance Testing, Kentucky Department of Agriculture.

Jane Hayes, RCTF-Computer Science, Use of Information Retrieval and Data Mining Techniques for Requirements Traceability.

J. Heath, Electrical and Computer Engineering, Systemic Approach to SOC Evaluation and Verification.

David Hildebrand, Plant and Soil Sciences, KSEF R&D Excellence: Enhanced Production of Jasmonic Acid and Its Derivatives in Plant Tissues, Kentucky Science and Technology Co. Inc.

Rick Honaker, Mining Engineering, multiple grants including Alternative Materials for Dense Medium Separations, Enhanced Flotation Performance Through Column Froth Enrichment, Virginia Polytechnic Institute and State University. Dongping Tao, Mining Engineering.

Frank Huggins, CFFLS, Determination of Factors Affecting the Separation of Potentially Hazardous Trace Elements and their Behavior in Coal Tailings Impoundments, Virginia Polytechnic Institute and State University. Gerald Huffman, CFFLS, and Naresh Shah, CFFLS.

Michael Jay, Pharmaceutical Technology, Development of Improved DTPA for Radionuclide Chelation.

Ibrahim Jawahir, Mechanical Engineering, KSEF R&D Excellence: Establishing the Influence of Drill Materials, Drill Geometry and Coatings on Drill Wear and Drilling Performance for Sustainable Dry Drilling on Mars, Kentucky Science and Technology Co. Inc.

Thomas Johnston, Surgery - Transplant, A 24-month, Multicenter, Randomized, Open Label Non-Inferiority Study of Efficacy and Safety Comparing Concentration Controlled

Certican in Two Doses (1.5 and 3.0 mg/day starting doses) with Reduced Neoral versus 1.44 Myfortic with Standard Dose Neoral.

Philip Landfield, Molecular and Biomedical Pharmacology, Calcium Regulation in Brain Aging and Alzheimer's Disease, NIH/NIA Program Project.

Carl Leukefeld, Center on Drug and Alcohol Research, Central States Criminal Justice Drug Abuse Center (CJ-DATS).

Nancy Lewis, Library Administration, Create, Operate, and Evaluate a Model Storage Facility, Kentucky Department for Libraries and Archives. Mary McLaren, Library Administration.

William Markesbery, Sanders-Brown Center on Aging, Alzheimer's Disease Research Center - Year 21, National Institute on Aging. Gregory Cooper, Sanders-Brown Center on Aging; Deborah Danner, Sanders-Brown Center on Aging; Gregory Jicha, Sanders-Brown Center on Aging; Richard Kryscio, Statistics; Marta Mendiondo, Sanders-Brown Center on Aging; Stephen Scheff, Sanders-Brown Center on Aging; Frederick Schmitt, Sanders-Brown Center on Aging; Charles Smith, Neurology; Nancy Stiles, Physical Medicine and Rehabilitation; David Wekstein, Sanders-Brown Center on Aging; and Dianne Wilson, Pathology and Lab Medicine.

Kevin McDonagh, Internal Medicine - Hematology/Oncology, A Randomized Two Arm, Multicenter, Open-Label Phase II Study of BMS-354825 Administered Orally at a Dose of 70 mg Twice Daily or 140 mg Once Daily in Subjects with Chronic Myeloid Leukemia in Accelerated Phase or in Myeloid or Lymphoid, Bristol Myers Squibb Company.

Robert McKnight, Preventive Medicine and Environmental Health, Supplement to SE Center for Agricultural Health and Injury Prevention, Center for Disease Control and Prevention. Henry Cole, Southeast Center for Agricultural Health and Injury Prevention, and Larry Piercy, Biosystems and Agricultural Engineering.

Russell Mumper, Pharmaceutical Science and Technology, Phase I: Development of HPLC Method for Freeze Dried Black Raspberry Gel.

Lloyd Murdock, Jr., Plant and Soil Sciences, Indirect Benefit of No-Till Wheat: Enhanced Yield of Rotational No-Till Corn and Soybeans.

Brian Murphy, Graduate Medical Education, Plague Vaccine: Identifying Immunogenic Yersinia Pestis Surface Proteins that Are Expressed.

David Nister, Visualization Center, STTR: Micro Air Vehicle 3-D Model Reconstruction, AVID LLC.

Kimberly Nixon, Pharmaceutical Tech, Alterations in Adult Neurogenesis Persist after Alcohol Exposure, Alcoholic Beverage Medical Research Foundation.

Brandon Nuttall, Kentucky Geological Survey, Assessment of Geological Carbon Sequestration Options in the Illinois Basin-Phase II, Illinois State Geological Survey.

Bruce O'Hara, Biological Sciences, DEPSCoR: Identification of Genes that Influence Sleep and Wake Using a Novel High-Throughput, Piezoelectric Technology.

Bruce O'Hara, Biological Sciences, State EPSCoR.

Jerry Pigman, Kentucky Transportation Center, Context Sensitive Solutions: Delivery of CSS Training Courses and State of Practice in CSS Construction, Research Study-Federal no. 15, Kentucky Transportation Cabinet.

David Pollack, Program for Archaeological Research, Archaeological Field School in the Red River Gorge.

David Pollack, Kentucky Archaeological Survey, multiple grants, including Updating State Plan Budget, Artifact Analysis and Preparation of a Booklet for the Petersburg Archaeological Site, Archaeological Survey of HLCF Tracts at Thompson Creek Glades State Nature Preserve and Apple Valley Glade State Natural Area, Kentucky Heritage Council and Kentucky Nature Preserves Commission.

Arthur Radun, Electrical and Computer Engineering, Solid State Power Controller Development Support.

Arthur Radun, Electrical and Computer Engineering, Active Filter Study for Aerospace Electric Actuation, Parker Aerospace.

Asit Ray, Chemical and Materials Engineering, Radiative and Hygroscopic Properties of Aerosols Containing Black Carbon at Various Mixing States, National Institute for Global Environmental Change.

John Rinehart, Internal Medicine - Hematology/Oncology, A Multicenter, Open-Label Noncomparative Phase 2 Clinical and Pharmacokinetic Study of Oral PD 0325901 in Patients with Advanced Cancer, Pfizer Inc.

Brian Rinker, Surgery - Plastic, Cryopreservation of Composite Tissue Transplants.

F. Scutchfield, Health Services Management, Joint Learning Contract with Kettering Foundation.

F. Scutchfield, Health Services Management, multiple grants including: Public Health Services Research Database Development, Robert Wood Johnson Foundation; Preventive Medicine and Environmental Health, Structure and Dynamics of Public Health Delivery Systems, University of Arkansas.

Michael Stottman, Kentucky Archaeological Survey, Building Blocks of History Archaeology Education Program - Riverside, the Farnsley-Moreman Landing.

Stephen Strup, Surgery - Urology, A Multi-Center, Randomized Phase 3 Study of Adjuvant Oncophage vs. Observation in Patients with High Risk of Recurrence after Surgical Treatment for Renal Cell Carcinoma, Antigenics.

Thomas Tobin, Veterinary Science, KSEF R&D Excellence: Deuterated Internal Standards for Equine Forensic Chemistry: A Regulatory Requirement Title of Proposed Project: and a Developing Niche Market, Kentucky Science and Technology Co. Inc.

Mirosław Truszczyński, Computer Science, KSEF R&D Excellence: Programming Environment for Solving Hard Optimization Problems, Kentucky Science and Technology Co. Inc.

Deneys Van Der Westhuyzen, Internal Medicine, SR-BI and SR-BII Recycling and Selective Lipid Uptake, National Heart Lung and Blood Institute. Erik Ekhardt, Internal Medicine; Steven Post, Molecular and Biomedical Pharmacology; and Nancy Webb, Internal Medicine.

Saratha Van Doren, Plant and Soil Sciences, Physiological Basis for Yield Reduction in No-Till Wheat.

D. Vansanford, Plant and Soil Sciences, Soft Red Winter Wheat Breeding and Variety Development for Kentucky.

Bruce Webb, Entomology, KSEF R&D Excellence: Somatic Cell Expression of Dengovirus Vectors for Gene Over-Expression and Suppression, Kentucky Science and Technology Co. Inc.

Ole Wendroth, Plant and Soil Sciences, Spatial and Temporal Development of Wheat Biomass in a Farmer's Field: Can We Predict the Spatial Grain Yield Pattern?, Kentucky Small

Grain Promotion Council. Dennis Egli, Plant and Soil Sciences, and Gregory Schwab, Plant and Soil Sciences.

Aaron Yelowitz, Business and Economics' Poverty Center, Access to Health Care Initiative: The Uninsured and Underinsured in Kentucky: Who Are They and What Can Be Done, Foundation for a Healthy Kentucky.

Chang-Guo Zhan, Pharmaceutical Technology, KSEF R&D Excellence: Microscopic and Phenomenological Binding of Nicotinic Acetylcholine Receptors with Ligands, Kentucky Science and Technology Co. Inc.

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James Ziliak, Economics, Effective Tax Rates and Guarantees and Food Stamp Program Participation, Department of Agriculture.