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“Back of the deed was the doer, back of the doer, the dream.” ~ Dr. H.H. Cherry, WKU Founding President

STUDENT ENGAGEMENT

Doug McElroy and Michael Stokes (Biology) led a three-week trip to Kenya in summer 2005 as part of an international research partnership with the University of Nairobi. Participants included WKU President and his wife Julie Ransdell, as well as students Anna Bisig of Louisville, Robin Brotherton of Somerset, Allison Harnish of Dayton, OH, Natalie Jones of Covington, Maggie Mahan of Bowling Green, Tiffany Ogunsanya of Frankfort, Matthew Ransdell of Bowling Green, Bradley Smith of Louisville, and Chet White of Louisville.

Timothy Dail, a May 2005 graduate of Western Kentucky University, has been nominated to receive a Fulbright grant to Germany in “Teaching English As A Foreign Language,” the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board announced recently. Dail will be one of more than 1,000 U.S. students to travel abroad for the 2005-2006 academic year through the Fulbright Program. He will be placed in the city of Stendal, about 60 miles west of Berlin. Dail will continue his graduate studies in German at the University of Massachusetts-Amherst.

Congratulations to the WKU American Chemical Society Student Affiliate Chapter. The Student Affiliate has just received a National ACS 2004-2005 Honorable Mention Student Chapter Award. This is the fourth time in five years the Chapter has won a National ACS Award (and the third year in a row!) The Student Affiliate Chapter, under the leadership of President Abigail Hobbs (Ekon, KY), and with the enthusiastic mentorship of Dr. Kevin Williams, has had an outstanding year of service and outreach activities and serves as a hallmark of student engagement for Western Kentucky University. As one example, the Chapter raised $75.81 for the Hurricane Katrina Relief Fund with three days of preparing liquid nitrogen ice cream for students, faculty and staff.

Western Kentucky University’s SIFE (Students in Free Enterprise) Team may just be starting, but it is already making a name for itself. The team won Rookie Team of the Year honors at the National Students in Free Enterprise Competition in Kansas City.

WKU’s team was one of 200 teams to advance to the national competition after the team’s professional presentation earned the team Regional Champion and Rookie Team of the Year honors in Cincinnati. Students participating in the national meeting included: Christine Burton of Elizabethtown; Jeff Fechner, Casey Freeman and Emily Williams of Scottsville; Anna Barnett of Paducah; David Seth Burkhart of Clarksville.
Cecelia Watkins (Public Health) took her Community Organization Class to Frankfort on February 15th, which was Lobby Day, sponsored by the American Heart Association. The purpose of the trip was to allow the students to see the legislative process in action. The class selected four health-related bills that were up for a vote in the House and Senate. They met with the Speaker of the House and a couple of senators to express the importance of these bills. The students did research about the topic of each bill and attended a presentation by a lobbyist representing the American Heart Association. These students experienced, first hand, the political environment and how it affects pending legislation.

POTTER COLLEGE OF ARTS, HUMANITIES & SOCIAL SCIENCES


Bart White (Journalism & Broadcasting) chaired a session and presented a paper entitled Advertising, Persuasion and Rhetoric – A Case for 21st Century Electronic Media and the Inherent Limits of Persuasion at the June, 2005 Hawaii International Conference on Social Sciences annual meeting in Honolulu. In April of 2005, he was the keynote speaker at the annual meeting of Forever Communications Broadcasting Company held at Hidden Valley, Pennsylvania.

Patricia Minter (History) presented a paper, "Observers from the City and the Empire in Lord Mansfield’s Court: Cross-Cultural Interpretations of Somerset vs. Stewart" at the XVIII British Legal History Conference in London in July.

Inmaculada Pertusa (Modern Languages) had her book La salida del armario: Lecturas desde la otra acera published in June by Libros del Pexe, Gijon (Spain) 2005.

Laura McGee (Modern Languages) presented her paper "Dilemmas in Teaching Film in the Target Language" on July 2, 2005 at the European Cinema Research Forum, hosted by the University of Leeds, Great Britain. She also recently published a chapter titled: "Space, Place and Identity in Andreas Dresen’s Night Shapes, the Last German ‘City Film’ of the Twentieth Century" in "Revisiting Space: Space and Place in European Cinema," New York: Peter Lang, 2005.


Scott Stroot (Theatre and Dance) directed Oscar Wilde’s The Importance of Being Earnest for the Kentucky Repertory Theatre in Horse Cave this past summer.

David Young (Theatre and Dance) appeared in the lead role of Edward P. Dowd in the classic American comedy Harvey at the Public Theatre of Kentucky in Bowling Green this September.

Robert Brock, Adjunct Instructor of Theatre, received the Wayne State University Arts Achievement Award at Wayne State University, Detroit, MI.

Mary Ellen Miller (English) had her poem, "Things in the Shape of Other Things" appear in an article "The Kentucky Writers Series" by Jane Olmsted and Elizabeth Oakes (both also English) in the Fall 2005 issue of Arts Across Kentucky.


Thomas Johnson, graduate student in English, presented his paper "Sometimes Strangely Beautiful: The Failure of Rebecca Harding Davis’s ‘Life in the Iron
Mills" at the Kentucky Philological Association Conference in March of 2005.

**Sandra Hughes (English)** presented her paper "I Am Obnoxious to Each Carping Tongue: Anne Bradstreet and New World Femininity" at the Spanish Association for American Studies Conference: Masculinities, Femininities, and Hybridities in U.S. Culture in Jaen, Spain in March, 2005. She also chaired a panel and presented "How Students Perceive Difference in the Classroom – A Roundtable Discussion" at the June 2005 Faculty Center for Excellence in Teaching Summer Conference: Ideas for Student Engagement Across the Curriculum in Bowling Green, KY.


**David Rogers (English)** had a poem, "Sometimes I Sit," accepted for publication by *The Midwest Quarterly*, published by Pittsburg State University in Pittsburg, Kansas.


**Michele Fiala (Music)** had an article published in October-December issue of *iFiatl*, Italy's premier wind instrument journal. In January, she hosted WKU's first Double Reed Day, which brought three guest artists and 36 participants to campus. In February she presented a masterclass at Miami University in Oxford, Ohio, and gave a guest recital with **Donald Speer (Music)**. She also performed in the Louisville Orchestra/Kentucky Opera presentation of *Madama Butterfly* in March.

**Michele Fiala (Music)** gave a lecture recital on 19th-century Italian oboe music with **Donald Speer (Music)** at the 2005 International Double Reed Society Conference, held this year in June in Austin, Texas. In July, Fiala participated in a masterclass with Richard Killmer at the Banff Centre in Banff, Alberta, Canada, and performed on a recital as part of the Banff Summer Festival. Additionally, she taught at the Governor's School for the Arts and performed a recital with **Speer** on the campus of Transylvania University in Lexington.

![John C. Carmichael](image)

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**John C. Carmichael (Music)** has been commissioned as a Kentucky Colonel of the Commonwealth by Gov. Ernie Fletcher. Carmichael received the award at a concert of the Southern Kentucky Band, held in Basil Griffin Park. **Mitzi Groom**, head of WKU's Music Department, presented the award for the governor in recognition of the WKU Wind Ensemble's invitation and performance in Russia in May of 2005. The Wind Ensemble was the only civilian instrumental ensemble from the United States invited by the Russian Ministry of Culture to perform at the WWII Victory over Europe celebration on May 9.

**Heidi Pintner (Music)** gave two performances in March in San Miguel de Allende, Mexico with the Vivace Players, a California-based chamber ensemble. The event featured the international premiere of "It Had to Be" for flute, oboe, clarinet, and piano by Western's **Michael Kallstrom** and was hosted by the San Miguel Pro Musica. Pintner also hosted a Flute Day at WKU for high school and college students in April, with guest artist Katherine Borst Jones.

**Mitzi Groom (Music)** attended the International Choral Symposium in Kyoto, Japan, in July 2005. While there she also attended the International Federation of Choral Musicians Board Meeting, in her capacity as National Vice-President of the American Choral Directors Association. Choirs from around the world were presented in performance, as well as international choral clinicians. Her biography has been selected to appear in the 2006-2007 "Who's Who of American Women," and she also has been selected for inclusion in "Who's Who Among America's Teachers 2006."

**Michael Kallstrom (Music)** performed excerpts from his one-man opera, TELL ME YOUR NAME, for the Southeastern Composers League Forum on March 11 at Louisiana Tech University. He also received performances of his compositions INNER FLAME and CRIMSON by faculty of the Kansas State University Department of Music in March and April, 2005. On April 2, Kallstrom hosted a conference for 50 members of the College Music Society Great Lakes Chapter that was held at Western Kentucky University.

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**Music professor Mark Berry's** percussion composition "Mare Tranquilitatis for steel drum, digital delay, and pitch-shifter" was selected to be premiered at the College Music Society Great Lakes Chapter 20th Regional Conference. **Berry** performed the piece for the opening concert. At the same conference, he was also selected to present a lecture/demonstration session entitled, "The Roles of the Collegiate Steelband: multicultural educator, musical ambassador, stylistic tutor, and rhythmic trainer – Integrating It All!" The Western Kentucky University Steelband participated in the
demonstration portion and Berry then
joined them to give the closing perfor-
ance of the conference.

**John Cipolla** (Music) presented a
"Clarinet & Saxophone Techniques Refresher" clinic at the Tennessee Music Educators convention in April. Also in April, he presented clarinet recitals and master classes at the Texas Tech University Clarinet Symposium and at Wayland Baptist University.

**Mary Wolinski** (Music) read a paper titled "Music in the Court of Flanders" at the International Congress on Medieval Studies at Kalamazoo, MI, on May 7, 2005.

**Paul Hondorp** (Music), Director of Choral Activities, was named 2004-2005 College/University Teacher of the Year for KMEA District Three. He conducted the District 2 TTBH High School Honor Choir and the District 3 Junior High Honor Choir, and was guest conductor of Handel oratorio choirs at Indiana Purdue University, Fort Wayne. He returned this summer as a tenured member of the Grammy Award-winning Oregon Bach Festival Chorus in Eugene, OR, and has been hired as a faculty member of the Berkshire Choral Festival in Sheffield, MA. **Hondorp** has been appointed the Kentucky ACDA Repertoire and Standards representative for Colleges and Universities, and to the Board of the Directors of the National Collegiate Choral Organization.

**Michael Kallstrom** (Music) premiered his composition for bass voice and four horns, **SOULS MADE OF MUSIC**, with the TransAtlantic Horn Quartet for the International Horn Society conference at the University of Alabama in June. The work was commissioned by the TransAtlantic Horn Quartet and the premiere was featured on the Gala Finale Concert of the conference. His composition for horn quartet, **HEADBANGER**, was recently published by RM Williams Publishing.

**Kallstrom's** composition for horn and electronics, **AROUND THE CLOCK**, was performed by Paul Basler of the University of Florida on his recital at the Royal Welsh College of Music and Drama on May 8, 2005 in Cardiff, Wales.

**Robyn Swanson** (Music) offered a one-day "Music and Movement Workshop" in June 2005, presented by the internationally renowned Dr. John Feiereisen from the Hartt School of Music. One hundred and eighty music, physical education, early childhood, and elementary classroom educators from Kentucky, Indiana, Ohio and Tennessee attended. **Swanson** has also been recently appointed by the Kentucky Department of Education (KDE) Curriculum, Instruction and Assessment group to serve on the 2005-2010 Arts and Humanities Core Content for Assessment Committee.

**Anthony Harkins** (Music) recently had his book Hillbilly: A Cultural History Of An American Icon released in paperback. Awards received include the seventh annual Susanne M. Glasscock Book Prize for Interdisciplinary Humanities Scholarship from the Melbern G. Glasscock Center for Humanities Research at Texas A&M University, and John G. Cawelti Award honorable mention for Outstanding Book in American Culture Studies, given by the American Culture Association.

**Joon Sung** (Art) had 15 undergraduate students' works exhibited in "Global Connection- Exchanging Art," an international art exhibition of WKU art students. The works were exhibited in several cities in Taiwan and Korea in May and June of 2005. **Sung** also has works in NET.ART juried online exhibitions. These are ongoing exhibits in Ireland, Brooklyn, Armenia, and the UK.

**Yvonne Petkus** (Art) currently has a solo exhibition, Recent Paintings, at the Brad Cooper Gallery in Tampa, FL through October. Her work was also selected by Robert Rosenblum, the curator of the Guggenheim Museum, for inclusion in the Sixteenth National Juried Exhibition at Viridian Artists Inc. Gallery in New York City. Her piece, Looking, was one of two pieces chosen to be a part of the Harper College Foundation Art Collection for 2005, which includes works by Pablo Picasso and Sol Lewitt, among others.


**Brent Oglesbee** (Art) displayed a solo kinetic sculpture installation at an exhibition entitled "Field of Pragmatics" at the Indianapolis Art Center, June - August 2005.

**Kristina Arnold** (Art) was included in the tenth annual international exhibition "Sculpture and Object" in Bratislava, Slovak Republic. Kristina was the only representative from the United States in a show curated by Viktor Hulik that included 54 artists from 13 countries. In addition to her exhibition, Kristina received a supported week-long residency for creation and installation of the included piece along with a reception given in her honor at the residence of the American Ambassador.

**GORDON FORD COLLEGE OF BUSINESS**

On March 18-19, four WKU students (Kevin Counts, Richard Fontenot, Perry Moore, and Tommy Roberts) took the ten-hour CFP® (Certified Financial Planner) exam. All four passed, for a WKU
pass rate of 100%. The national pass rate for the March exam was 58%. Congratulations to these students and to the Finance Department faculty!

**Allan Hall** (Marketing) was awarded the first annual Gordon & Glenda Ford Award for Teaching Excellence for the 2004-05 school year. Hall has been a professor in Marketing, Entrepreneurship and Supply Chain Management since 2000, and was formerly VP of Purchasing and Quality with Fruit of the Loom and Sara Lee.

**Johnny Chan** (Finance) published the following coauthored articles:

**Johnny Chan** and **Edward Wolfe** (Finance), together with a third coauthor, published "Using The Essays of Warren Buffett: Lessons for Corporate America in the Classroom" in the *Journal of Financial Education*, 2005, Volume 31, Spring, 30-41. It is noted that this is the third most downloaded paper in Social Science Research Network in the A22 category (Teaching of Economics: Undergraduate).

**Harold Little** (Accounting) was elected President of the American Accounting Association Diversity Initiative Section during the August 2005 annual meeting in San Francisco, CA. At the 2005 American Accounting Association Meeting, Little was a discussant on two papers and a moderator for a session on "Career Development: Diversity in the Education Workplace."

**Brian Strow** and **Claudia Strow** (both Economics) published an article entitled "A Rent-Seeking Experiment for the Classroom" in *Journal of Economic Education*, Summer 2005, vol. 36, no. 3.

**John Bonaguro** (Dean – CHHS) published an article entitled “Existing Abilities and the Perceived Importance of Skill Development for Establishing Coordinated School Health Programs” in *American Journal of Health Education* in Summer 2005.


**OGDEN COLLEGE OF SCIENCE & ENGINEERING**

**Kevin Williams** (Chemistry) published "Interaction of N-acetyl-l-methionine with a non-/C_2/-symmetrical platinum diamine complex" in the *Journal of Inorganic Biochemistry*. Donald J. Chapman (Elizabethtown), Sondra R. Massey (Bowling Green) and Carrie Haare (Louisville) were undergraduate student co-authors. Williams also received a Kentucky NSF EPSCoR grants entitled "Ruthenium Complexes as Protein Cleavage Agents" and was the recipient of a Research Corporation Cottrell College Grant for the "Cleavage of Proteins by Bulky Platinum Complexes."

The State Tournament of the Science Olympiad was held at WKU on Saturday, April 16. This was the fourth year that Western has sponsored this event, hosted by the Department of Chemistry under the direction of **Lester Pesterfield** and **Lowell Shank**. Approximately 660 students in addition to the teacher and parent coaches and mentors were on campus. The high school teams and middle school teams who participated represented the best teams from the 100 who entered and earned the right to compete in the State Finals by competing in six regional competitions across Kentucky. The top two high school and middle school teams went to the National Tournament at the University of Illinois. An event of this magnitude
requires significant faculty, staff, and student assistance. Fifty faculty from many departments served as individual event coordinators. Three staff volunteered their time and 75 students served as WKU student helpers involved in the events and as team hosts.

In March 2005, 28 students and faculty from the Department of Chemistry attended the Spring 2005 National American Chemical Society Meeting in San Diego, California. The following is a list of 17 presentations by faculty, students and staff at the Spring 2005 National ACS meeting:

“SPAN: A dual credit college/high school chemistry program” by Larry Byrd and D. Hartman.


“Big Red’s summer chemistry camp: A summer camp for fifth, sixth and seventh grade students” by Lester Pesterfield, A. McDaniel, A. Hobbs (Ekron, KY), M. Watson, and K. Jackson (Auburn, KY).

“Synthesis and characterization of polyanimopolycarboxylic acid analogs of EDTA and their transition metal complexes” by graduate students M. Watson, L. Pesterfield, and D. Dahl.

“Investigations of the nitrito to nitro isomerization in cobalt (III) amine complexes” by Abigail Hobbs, Jarin Thornton (Colorado Springs), and L. Pesterfield.


“Chemical reversibility cycle of solid oxygen carrier for producing pure oxygen or oxygen rich gas stream” by Y. Cao and W. Pan.

“Early transition metal complexes featuring N-heterocyclic carbene ligands” by Colin Abernethy, J. Culver (Lexington), C. Phillips (Somerset), K. Thompson (Bowling Green), and M. Spicer.

“Western Kentucky University Student Affiliate Chapter” by Kayla Milner (Dale, IN), A. Hobbs, J. Culver, and K. Williams.

“Effects of amine ligand bulk in platinum diamine complexes on the rate of reaction with DNA and protein residues” by Becca Davis (Bowling Green), M. Bradley (Monticello, KY), A. Lam, and K. Williams.

“Reaction of N-acetylmethionine with a non-C2-symmetrical platinum diamine complex” by Sondra Massey (Bowling Green) and K. Williams.

“Molecular mechanics analysis of platinum complexes with methionine residues” by Donald Chapman (Elizabethtown) and K. Williams.

In February, 12 students and faculty from the Department of Chemistry attended the 2005 PITTCON in Orlando, Florida. The following is a list of eight presentations by faculty and students at PITTCON:

“Controlled Synthesis and Characterization of Monolayer-Protected Gold Nanoparticle/Dendrimer Nanocomposites” by B. Davis Garabato, E. Cutler (Medina, OH), and Y. Shon.

“Determination of PAHs in Aqueous Samples Using a Surfactant Immobilized Sorbent” by Rachel T. Philpott, Q. Zhao, and E. Conte.

“Spectroscopic Properties of Cyclophane-Anthracene and Cyclophane-Fluorenone” by Andrew Starosta and T. Buthelezi.

“Determination of Atrazine and Selected Respective Metabolites Using Strong Cation Exchange Resins” by Cierra Cross and E. Conte.

“Investigation of Elutions from a Surfactant Immobilized Solid Phase Extraction Sorbent Based Upon the Hydrophobicity of the Trapped Species” by Qing Zhao, S. Huss (Maysville), K. Autry (Olaton, KY), K. Reid (Bowling Green), and E. Conte.


Eight of the students from the Department of Chemistry were selected by PITTCON to serve as student aides at PITTCON 2005. These students were: Bianca Casenas, Nathan Whitely, Davis Garabato, Rachel Philpott, Steven Isaacs, Mark O’Brien and Cierra Cross. They were supervised by Dr. Stuart Burris and Dr. Eric Conte. In return for their services, the students received room, registration, and meals from PITTCON.


Charles Kimwele, the newly endowed Walter N. Scott Visiting Professor of Physiology, has arrived to work in the Biology Department this fall. Dr. Kimwele is visiting from the University of Nairobi.

Jeffrey Marcus (Biology) attended the Evolution 2005 conference in Fairbanks, Alaska in June where he made an oral presentation entitled “Simulation models of gene expression during butterfly color pattern development.” Marcus also attended the 3rd RECOMB Comparative Genomics Satellite Workshop at Trinity College, Dublin, Ireland in September where he gave an invited talk, “A Partial Solution to the C-Value Paradox,” and published a paper of the same title in the symposium volume for the conference in the journal Lecture Notes in Bioinformatics, volume 3678, pages 97-105.

Undergraduate Biology major Travis Evans (Bowling Green) and Jeffrey Marcus (Biology) have had a manuscript titled “A Simulation Study of the Genetic Regulatory Hierarchy for Butterfly Eye-spot Focus Determination” accepted for publication in the peer-reviewed journal Evolution & Development. cited in the June issue of Oprah magazine.

Marcus and six students, Tia Hughes (Bowling Green), Travis Evans, Amber Harper (Cloverport), Sarah House (Scottsville), Amanda Maupin (Lebanon), and Tara Powell (Guthrie), went on a four-day butterfly collecting expedition to Florida in May. The group captured 35 butterflies during the expedition in order to understand the genetic population structure of the two butterfly species in Florida. They hope to use this information to inform their investigations of the genetic differences that cause these two very similar species to look and behave differently from one another. This research trip was supported by a grant from the National Institutes of Health.

Michael Stokes and Doug McElroy of the WKU Biology Dept. were awarded a Phase I grant by the EPA’s People, Prosperity and the Planet (P3) program for “Sustainable Development of Wildlife Resources in a Rural Community in Kenya.” They will take a team of students to Washington, DC this spring to compete with 50 other colleges and universities for Phase II funding. In July, Stokes and McElroy led a team of 10 students plus WKU President Gary Ransdell on a research trip to Kenya, where Dr. Ransdell signed a Memorandum of Understanding with the University of Nairobi to facilitate further research and educational opportunities for WKU students in that country.

Steve Huskey (Biology) presented the following (with co-author J.R. Kerfoot – Florida Tech) at the American Society of Ichthyologists and Herpetologists meeting in Tampa in July: “Role of prey-capture kinematics in the interaction between the introduced pike killifish and the native largemouth bass.” Huskey also had the following paper accepted for publication in the Journal of Experimental Zoology with co-authors P.C. Wainwright (UC-Davis), R.G. Turingan (Florida Tech), and A.M. Carroll (UC-Davis): “Ontogeny of suction feeding performance in snook, Centropomus undecimalis.”


Biology professor Shivendra Sahi, postdoctoral researcher Nilesh C. Sharma and Western graduate Thomas Ruley’s paper, “Antioxidant defense in a lead accumulating plant, Sesbania...
"Sesbania drummondii" was amongst the "Top 25 Hottest Articles," according to ScienceDirect.

**Sigrid Jacobshagen** (Biology) was invited to give a talk at the 8th International Phycolological Congress, which took place August 14 to 20 in Durban, South Africa. The title of the talk was: "Circadian clock-controlled transcription in the green alga *Chlamydomonas reinhardtii*.

Karen Bell, an Australian scientist, has recently joined the systematics and evolution lab of **Keith Philips** (Biology) as a post-doctoral researcher.

**Nilish Sharma**, a post-doctoral researcher in the Biology department, has been awarded a research grant (2005-06) of $22,000 from NSF/EPS-CoR for his research proposal "Genetic Transformation of *Sesbania drummondii* with Citrate Synthase Gene for Enhanced Accumulation of Heavy Metals."

**Rodney King** (Biology) attended the 12th Annual American Society for Microbiology Conference for Undergraduate Educators at Emory University and the 105th General Meeting of the American Society for Microbiology in Atlanta, Georgia, in June 2005.

**Scott Grubbs** (Biology) presented "Factors influencing the distribution of lotic fish assemblages in the Upper Green River - Kentucky CREP region," and graduate student **Jered Studinski** presented "Macroinvertebrate assemblages in autumnal wetlands at Mammoth Cave National Park, Kentucky" at the annual North American Benthological Society meeting in New Orleans, LA, held May 23-27, 2005.

**Linda Brown** (Agriculture) participated in the biennial Gordon Research Conference "Global Aspects of Technology Transfer: Biotechnology," September 4-9 at Queen's College, Oxford, United Kingdom. As a representative of agricultural applications of biotechnology, she has been invited to meet with GRC representatives from developing countries in Mexico in 2006 in order to make preparations for the 2007 meeting of this conference.

**Alex Barzilov** (Physics & Astronomy) presented a paper entitled "Analysis of Neutronics of Subcritical Blanket – Cascade Neutron Amplifier for Fusion-Fission Hybrid" at the American Nuclear Society's annual meeting in San Diego, CA, June 2005.

**Phillip Womble** (Physics & Astronomy) received an award for a three-year research and development project from the U.S. Department of Homeland Security to secure the transportation of milk from farms to processors. It is a $1.5 million joint project with the University of Kentucky and local industrial companies.

**Phillip Womble** and **Alex Barzilov** (both Physics & Astronomy) received a Department of Homeland Security award to develop a Rail Tank Car Leakage Detection System. This one-year, $752,423 research and development project is aimed to improve the safety of the nation's railways.

**Timothy Morgan** (Lawrenceburg, KY), a student researcher for the Applied Physics Institute, placed second in his competing section at the Sigma Xi Research Conference for his research in radiation safety, and was presented an award at the Sigma Xi Banquet in April 2005.

**Robert Choate** and **Kevin Schmaltz** (both Engineering) had three refereed papers accepted and presented at the 2005 American Society for Engineering Education Annual Conference in Portland, OR. The papers were "Senior ME Capstone Laboratory Course," "Design, Build and Test in a Thermal Fluids Laboratory Course," and "Engaging Students in Multidisciplinary Engineering Problem Solving: An Investigation of an Airflow Imbalance and Humidification Problem at an Absorbent Hygiene Production Facility."

**Warren Campbell** (Engineering) was the Hydrology Field Trip Leader for the 2005 National Speleological Society Convention in Huntsville, AL in July 2005. With co-author Chris Smart of the University of Western Ontario, Campbell presented "Speleogenesis in the Cumberland Plateau Area of Northeast Alabama."

**Kevin Schmaltz** and **Stacy Wilson** (both Engineering) were awarded funds from the Kentucky Space Grant Consortium and the Provost's Initiative for Excellence for the Kentucky Bluegrass Robotics Competition, the Engineering Department's major high school and middle school outreach effort. The primary focus is on preparing K-12 teachers to teach engineering. **Schmaltz** and **Doug Schmucker** (Engineering) provided
workshops to the team mentors and participants on engineering design, project management and team development topics; this is the initial activity for the 2006 competition.

Gashwin Saleno, Kevin Schmaltz and Stacy Wilson (all Engineering) presented "Introducing Teachers to Engineering Principles Through Robotics" at the 2005 Kentucky EPSCOR Conference Experimental Program to Stimulate Competitive Research.

Kevin Schmaltz (Engineering), along with undergraduate students Brandon Bibelhauser of Louisville (Mechanical Engineering), Stephen Miller of Smiths Grove (Electrical Engineering), and Ruston Welborn of Owensboro (Business), collaborated with a math instructor from Glasgow Middle School to develop three miniature golf holes and instructional material that were used to teach geometry principles and engineering concepts to 6th and 7th grade students. This work was a part of the Green River Regional Educational Cooperative MS-TEAMS grant.

Kevin Schmaltz (Engineering) was an invited speaker at the 2005 Ethics and Social Responsibility in Engineering and Technology Conference hosted by Loyola Marymount University in Los Angeles in June. He presented "Teaching Engineering Ethics within an Integrated Professional Component."

WKU Agronomy Students on the WKU Soil Judging Team participated in one regional and one national soil judging contest last year. Students who participated were: Jon Cambron (Philpott, KY), Matt Futrell (Fairview, KY), Matt Simpson (Bowling Green), Darren Tabor (Scottsville), Robin Dalton (Scottsville), Lacey Stoner (Gallatin, TN), and Philip Price (Greensburg, KY). The first contest was in Auburn, AL from Oct. 25-29, 2004, where we placed 6th out of 13th teams. The second was in Bloomington, IL from April 13-16, 2005, where we placed 3rd out of 10 teams from across the country. They will be competing in the regional competition again this year.

WKU Ag Department students and faculty participated in the 2005 American Forage and Grassland Council national meeting in Bloomington, IL on June 10-15. A four-student team of Matt Futrell, Susan Priddy (Brownsville, KY), Adam Massey (Bowling Green), and Chris Davis (Tompkinsville) won the Grassland Evaluation contest and placed second in the Forage Quiz Bowl. Futrell, a senior in Agriculture, won an award for highest individual score. Faculty attending the meeting included Byron Sleugh, Becky Gilfillen, and Nevil Speer. Two graduate students, Kyle Daniel and Andy Pike, and WKU Farm Manager Bob Jaynes also attended the conference. Sleugh also had a poster presentation entitled "Poultry Litter Rate Study in Tall Fescue."

Gina Cesin, a WKU geoscience graduate student from Miami, attended the one-month Summer of Applied Geophysical Experience (SAGE) program, sponsored by the Los Alamos National Laboratory and convened at the College of Santa Fe in New Mexico. SAGE is an immersion program that focuses on exposing attendees to previous and current geophysical techniques. The competitive 2005 SAGE program included eight National Science Foundation-funded undergraduates and 12 graduate students from 15 universities, with seven of the graduate students from international institutions.

Five faculty and staff and seven students from Western Kentucky University's Department of Geography and Geology attended the 14th International Congress of Speleology in August in Athens, Greece. The following research paper presentations were made:

Geoscience graduate student Gina Cesin, with co-authors Dr. Nick Crawford and Jeremy Richardson, presented "Urban Storm-Water Management for Cities Built Upon Karst, Bowling Green, Kentucky."

Staff scientist Annie Croft, with co-authors Nick Crawford and Mark DuPoy (Mammoth Cave National Park), presented "Karst Field Studies Offered by WKU's Center for Cave and Karst Studies and the Mammoth Cave National Park International Center for Science and Learning."

Undergraduate geology student Jeremy Tallent of Albany, with co-authors Nick Crawford and Pat Kambesis, presented "Improving the Accuracy of Subsurface Cartography using Geophysics and GIS."

Nick Crawford, with co-author Scott Roach, presented "Use of a Non-Linear Curve-Fitting Program to Separate the Emission Spectra of Multiple Fluorescent Dyes from Spectrofluorophotometer Analysis used in Groundwater Dye Tracing."

Geoscience graduate student Brian Sakofsky, with co-authors K. Ballew and Nick Crawford, presented "Karst Hydrogeology of Lookout Mountain: A Synclinal Mountain in the Folded Appalachian Mountains of South-Central Tennessee."

Hoffman Institute Director Chris Groves, and co-authors Patricia Kambesis and personnel from the Karst Dynamics Laboratory in Guilin, China, presented "Chinese-American Cooperation in Cave Exploration and Survey in Water Resource Development, Da Long Dong, Hunan, China."

Patricia Kambesis, geoscience graduate student and assistant director of the Hoffman Institute, with co-authors Andrea Crokrey (geoscience graduate student) and Chris Groves, presented "Groundwater Sensitivity Mapping of the Beaver Dam and Campbellsville 30' x 60' Quadrangles."

Nick Crawford, director of the Center for Cave and Karst Studies, presented "Application of Dye Tracer Techniques in the Preparation of Conceptual Hydro-
geologic Models for Contaminated Karst Aquifers.”

Staff scientist Annie Croft, with multiple undergraduate and graduate co-authors, presented “Development of Innovative Karst Hydrogeologic Research Techniques for Solving Karst Environmental Problems.”

Geoscience graduate student Ben Tobin, with co-author Steve Kenworthy, presented “A Quantitative Analysis of Relationships between Land-Use and Base-Level Conduit Sedimentation in South-Central Kentucky.”

Library Sciences faculty Deana Groves, with co-authors Chris Groves and undergraduate geology major Weldon Hawkins of Munfordville, presented “A Century of Linkages and Synergy: WKU and the Mammoth Cave System.”

John All, with co-authors Chris Groves and Patricia Kambesis, presented “Ghost Cave, Eastern Himalayas, Bhutan.”

Undergraduate geology major Weldon Hawkins of Munfordville, with co-authors Patricia Kambesis and Chris Groves, presented “Potential Impacts of Acid Mine Drainage on the Hydrogeologic System of Russell Cave National Monument, Alabama.”

Patricia Kambesis, geoscience graduate student and assistant director of the Hoffman Institute, presented “Caves of Isla de Mona, Puerto Rico.”

Nick Crawford also presented a poster titled “Groundwater Basin Delineation by Dye Tracing, Water Table Mapping, and Cave Mapping: Geophysical Techniques in Bowling Green, Ky.”

UNIVERSITY LIBRARIES

WKU Libraries is part of a pilot project launched by OCLC, the world’s largest bibliographic system, that involves 20 libraries and four partners—TDNet, EBSCO, Serials Solutions and Ex Libris. WKU Libraries has TDNet for its electronic journals management system and access and is excited to be a participant, particularly for interlibrary loan implications. The pilot will make eSerials as visible as print materials in WorldCat, the world’s largest database of items held in libraries, and will expose those records to researchers on the open Web through the Open WorldCat program. This collaboration will allow pilot libraries to efficiently contribute their eSerials collections to WorldCat and ensure that these holdings are current and accurate. This phase of the project is scheduled to end in October 2005.

Dr. Gary Ransdell and Sharon Mutter

COLLEGE OF EDUCATION & BEHAVIORAL SCIENCES

The Transatlantic Outreach Program (TOP) seeks to find the best and most qualified K-12 social studies educators in the United States and give them the opportunity to experience Modern Germany in the most dramatic way possible: in person. Of the many hundreds who applied in 2005, Kay Gandy (Curriculum & Instruction) was one of 129 social studies educators selected to travel to Germany in Summer 2005 on a two-week, all-expense-paid study/travel seminar. Highlights of the seminar included: Q&A sessions with executives of the Federal Foreign Office, the European Central Bank, Deutsche Bank, German curriculum developers, authors, and German social studies teachers, as well as other cultural opportunities.

The Green River Regional Educational Cooperative (GRREC) has recently been awarded a School Leadership grant from the U. S. Department of Education in the amount of $1,058,722 over a three-year period. In this project they will partner with Western’s Department of Educational Administration, Leadership, and Research to train 20 individuals in a new alternative route to the Principalship. The model for their training and coursework will include traditional WKU classes (1/3), online coursework (1/3), and authentic field-based work with a Mentor Principal from the region (1/3). This project will work to increase the number of qualified candidates for leadership positions in rural and impoverished districts in the WKU service region.

Jeanne Fiene (Educational Administration, Leadership and Research) received funding for the Superintendent Training, Testing, and Assessment Center Grant for the 2005-2006 school year. Funding will be $38,000-$40,000. She also is to serve as a Chief Reader for ETS for the School Leadership Licensure Assessment in September.

Ric Keaster (Associate Dean – CEBS) had an article published entitled “Distance Education and the Academic Department: The Change Process” in Educause Quarterly, vol. 28 (3), 2005, pp. 48-53, and has had another article accepted for publication by the National Civic Review entitled “Wayside Teaching and Civic Engagement” (in press, 2006).

The Department of Educational Administration, Leadership and Research continues to receive high praise for program redesign/new program design work in cooperation with SREB, LEAD and SAEIP, helping to establish a new era in educational leader preparation. Department Head Jeanne Fiene was part of the writing team that authored and published the SREB Module Leading Change, and serves as the certified lead trainer for the module.

Jeanne Fiene presented at the High Schools that Work conference on the topic “Recruiting and Retaining High Quality New Teachers for Rural Districts.” She also had presentations at the National Council of Professors of Education annual meeting in Washington, D.C., and was elected to a three-year term on the Executive Board of the NCPEA. EKU and WKU will be co-host-
Christopher Wagner (Educational Administration, Leadership, and Research) and Amy Melton-Shutt, principal of Burns Elementary School in Daviess County, presented *Assessing and Improving School Culture* at the Kentucky Teaching and Learning Conference in Louisville and at the Annual Association of Supervision and Curriculum Development Conference in Orlando, FL. Wagner made three presentations on School Culture at the annual Kentucky Association of School Administrators Conference in Louisville in July, and also presented a workshop for the Kentucky Department of Education Highly Skilled Educators Program this summer.

Sharon Mutter (Psychology) was named one of three 2005 recipients of the Women in Cognitive Science Mentorship Award. These awards are designed to encourage established scientists, both male and female, to develop the research and publication skills of female graduate and undergraduate students in cognitive science. Three awards are made each year to scientists who have demonstrated sustained, effective mentorship of female students and who have also served as a research advisor or supervisor to one or more female students during the academic year immediately preceding the nomination. Dr. Mutter's nomination noted mentoring of seven recent graduate students, each of whom co-authored at least one presentation or publication with her. Congratulations! Mutter also received the University Faculty Award for Research/Creativity at the Fall Convocation in August.

Marty Bink (Psychology) published "Interrupted Actions Affect Output Monitoring and Event-Related Potentials (ERPs)" in *Memory*, 2005, Vol. 7, pp. 769-772; he also presented the paper "Working Memory Processes in the Encoding of Intentions," at the Second International Conference on Prospective Memory, July, 2005, in Zurich, Switzerland; and two papers at the Seventeenth Annual American Psychological Society Convention, May, 2005, in Los Angeles, CA. The APS papers were entitled "Working Memory Processes in the Encoding of Intentions" and "Unattended Stimuli Show Differential Effects on Subsequent Implicit and Explicit Memory Tests." John Jones, psychology graduate student, was first author on the latter paper.

Pitt Derryberry (Psychology) and undergraduate psychology students Grace Livingstone (Nashville, TN), Amanda King (Versailles, KY), and Michael Vendetti of Fairfield University presented "Moral developmental consistency?: Investigating the role of major," at the April 2005 annual meeting of the American Educational Research Association in Montreal, Canada. Psychology faculty Pitt Derryberry, Rick Grieve, and Sharon Mutter along with psychology graduate students Kristy Jones and Brian Barger presented "Exploration of the relationship between moral judgment development and crystallized intelligence" at the August 2005 annual meeting of the American Psychological Association in Washington, D.C.


Sharon Mutter (Psychology) and psychology graduate students Jennifer Naylor and Emily Patterson published “The effects of age and task context on Stroop task performance” in Memory and Cognition, Vol. 33 (3), pp. 514-530.

Mutter and psychology graduate student Marcie Sammons presented “Event timing constraints and response-outcome contingency learning: Evidence for an associative memory theory of contingency learning” at the May 2005 Annual Meeting of the Midwestern Psychological Association in Chicago, IL.

Kelly Madole (Psychology) and undergraduate student Dana Eastman presented “Children and Adults’ Social Category Inferences: Race, Sex, and Age” at the August 2005 annual meeting of the American Psychological Association in Washington, DC.


Shoenfelt also presented “Experiential and service learning in an advanced training in business and industry graduate course” as part of a symposium, “Teaching I/O concepts more effectively: Experiential and service-learning pedagogy” at the Society for Industrial and Organizational Psychology conference. She also published “Mental Skills for Golf: Practice Fundamentals” and “Mental Skills for Golf: Goal setting for directing attention and effort for performance enhancement,” both with PDGA Radio News (www.pdga.com/pdgaradio), and “Mental Skills for Golf: Focus on the Three ‘Ps’ in Golfer’s Tee Times, August, 2005, p. 22, and “Mental Skills for Golf – Self-Talk: The Power of Positive Thinking” also in Golfer’s Tee Times, May, 2005, p. 22.

Elizabeth Jones (Psychology) and psychology graduate students Brooke Tinsley and Shanna Bowers presented “Validity of the Clinical Assessment of Depression” at the April 2005 annual meeting of the National Association of School Psychologists in Atlanta, GA. At the same meeting, Jones also presented “Understanding and treating self-injurious behavior.”


Farley Norman (Psychology) and psychology graduate student Elizabeth Wiesemann presented “Aging and the Perception of Surface Orientation” at the May 2005 meeting of the Vision Sciences Society. At the same meeting, Farley Norman, Hideko Norman (Psychology), and undergraduate students Charles Crabtree (Owensboro, KY), Brandon Moncrief (Bowling Green), and Noah Kapley (Franklin, KY) presented “Aging and the Cross Modal Perception of Natural Object Shape.” Farley Norman, Charles Crabtree, and graduate student
Young Lim Lee presented "Calibration of Shape Perception Used to Guide Reaches to Grasp."

John Bruni (Psychology), Patty Randolph (Psychology), and undergraduate psychology student Jill Bryant (Franklin, KY) presented "Do Psychology Majors Have an Edge? Learning Community Outcomes in Introductory Psychology" at the May 2005 meeting of the American Psychological Society in Los Angeles, CA.

Joe Bilotta (Psychology), graduate students Eric Vukmanic and Michael Risner, and undergraduate students Margaret Au (Evansville, IN) and Juliana Souza (Astoria, NY) presented "Reduction of the ERG off response using CNQX modifies the b-wave response in adult zebrafish" at the May 2005 meeting of the Association for Research in Vision and Ophthalmology in Ft. Lauderdale, FL. At the same conference, Bilotta, Risner, and Vukmanic presented "A psychophysical examination of zebrafish spectral sensitivity," and Bilotta, Vukmanic, Risner, and undergraduate psychology student Beth Bishop (Florence, KY) presented "Examination of the dark-adaptation functions of adult and young zebrafish ERG responses."

Psychology graduate student Sarah Janes and undergraduates Chris Chandler (Scottsville, KY) and Amy Baird (Bowling Green) presented "Men's and women's perceptions of African-American and Caucasian muscular male body types." Their presentation received the 2nd Place Ernest Meyer Award for Undergraduate Research.

Rick Grieve (Psychology), Richard Greer, professor of psychology and director of the Counseling and Testing Center, and psychology graduate student Josh Gunn presented "Comparisons of symptom severity between clients at a university counseling center and a community mental health agency" at the April 2005 Annual Great Lakes Conference in Bloomington, IN.

Reagan Brown (Psychology) and psychology graduate student Joshua Daniel presented "The effect of rejection on banding-based selection" at the April 2005 meeting of the Society for Industrial and Organizational Psychology in Los Angeles, CA.

In Spring 2005, all nine second-year School Psychology students took the section of the Praxis exam that serves as their certification exam, and passed it on the first try. Congratulations!

Jill Ondera (Counseling and Student Affairs) recently presented at the Association of Counselor Education and Supervision National Conference in Pittsburgh. The presentations were entitled "Retention Criteria and Procedures of Non-Academic Characteristics Used within CACREP-Accredited Community Counseling Master's Degree Programs" and "Creative Resources for Teaching Professional Advocacy: Activities and Strategies for the Classroom."

Marty Boman (Special Instructional Programs) was named as the Director of Transition for the Kelly Autism Program at the May executive meeting. She will be working with the junior and senior high programs as well as the new post-secondary “Circle of Support” Program. This fall there are two residential and three nonresidential participants with Asperger’s Syndrome taking part in the college experience. Also in May, Boman presented at the International PTO Conference in Hollywood, CA. The presentation focused on her research, “Labeled like their students: Stories of love and oppression from teachers of students with emotional or behavioral disorders.”

INTERDEPARTMENTAL

John Diggun (History) has been named the Kentucky Institute for International Studies’ new Ecuador Program Director. He will lead his first KIS Ecuador study abroad trip in Summer 2006.

Julia Link Roberts, director of The Center for Gifted Studies at WKU, represented the United States as one of three delegates to the 16th Biennial Conference of the World Conference for Gifted and Talented Children in New Orleans Aug. 6-10. Roberts, along with Kentucky Association for Gifted Education’s Executive Director Lynette Baldwin, presented “Nurturing and Building Advocacy” as featured speakers. Their session focused on the basic principles of building advocacy for gifted children.

Tricia Callahan, Assistant Director in the Office of Sponsored Programs, received a Professional Service Award from the National Council of University Research Administrators (NCURA) for the region.

Congratulations! WKU-FM, the Public Radio Service of Western Kentucky University, has earned a major journalism award from the Public Radio News Directors, Inc. The station’s newscast, “The Mid-Day Edition,” has won first place in national competition for the best public radio newscast in the country. The award was announced at the annual PRNDI meeting in Chicago on July 16. WKU-FM competes in Division B, which includes stations across the country that have three or four full-time news staff members. Officials with PRNDI say nearly 1,000 entries were received for this year’s award categories. News staff members include News Director Dan Modlin, Assistant News Director Kevin Willis, News Producer Joe Corcoran and Reporter Lisa Autry.

Phil Myers was asked by the President of The Society of Research Administrators International to chair a team that is upgrading the Essential Elements of Research Administration, the core Body of Knowledge and common reference for research administrators. He will present the completed revision at the SRA-I annual meeting in Milwaukee in mid-October.