



The Basic Facts

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CBAS Faculty Win Awards

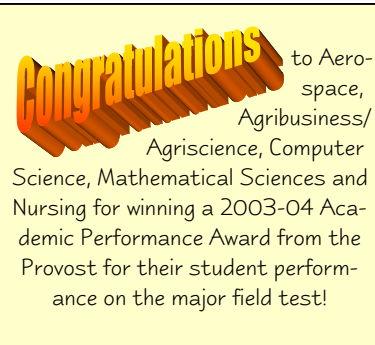
The Science of Success

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The MTSU Foundation recognized faculty achievement in several categories at the annual fall faculty meeting in August. Winners from CBAS include Pam Roesler (NURS), Outstanding Teacher; Nicole Welch (BIOL), Outstanding Achievement in Instructional Technology Award;

Andrienne Friedli (CHEM), Steve Howard (BIOL), and Xiaoya Zha (MATH), Distinguished Research Award; and Jo Edwards, Chairholder, Adams Chair in Health Care Services, Outstanding Public Service Award. Congratulations to each of these award winners!



CBAS Award Winners 03-04

Dept	Classroom Teaching	Helpful to Students	Research	Grantsmanship	Service	UG Research Mentoring	Advising
AERO	Steve Gossett	Gail Zlotky	John Bertrand	Paul Craig	Don Crowder	Bill Allen	Gerald Hill
ABAS	Jessica Gentry	Tony Johnston	Kevin Downs	Rhonda Hoffman	Warren Anderson	Cliff Ricketts	Anthony Halterlein
BIOL	Matt Elrod-Erickson	William Butler	Steve Howard	Cindi Smith-Walters	Kim Sadler	Rebecca Seipelt	Amy Jetton
CHEM	Amy Phelps	Tammy Melton	Tibor Koritsanszky	Norma Dunlap	Jim Howard	Andrienne Friedli	Preston MacDougall
CSCI	Roland Untch	Chrisila Pettey	Ralph Butler	Jungsoon Yoo	Judy Hankins	Jungsoon Yoo	Entire CSCI faculty
ETIS	Chong Chen	B.S. Sridhara	Ahad Nasab	Don Beard Kathy Mathis	Saeed Foroudastan	Heather Brown	Al Carter
MATH	Dennis Walsh	Ginger Rowell	Rong Luo	Dovie Kimmins	Don Campbell	Raj Barnwal	Elaine Tenpenny
MS	Robert Riedel	Dwayne Wright					
NURS	Judy Campbell	Jennifer Spann	Linda Covington	Maria Smith	Pam Roesler	Stephen Krau	Sheila Marquart
PHYS	Chuck Higgins	Ron Henderson	Bill Robertson	Nayer Eradat	Eric Klumpe	Bill Robertson	Mari Weller

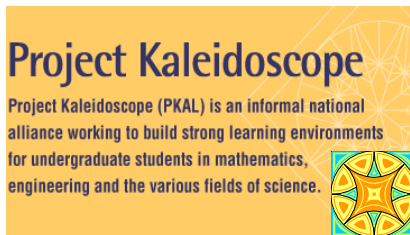


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<http://www.mtsu.edu/~collbas/newsletters>

PKAL Facilities Workshop

Project Kaleidoscope (PKAL) began 20 years ago as an organization to encourage curricular change in the sciences in small liberal arts colleges. PKAL quickly realized the connection between facilities and pedagogy. They hosted their first facilities workshop in 1992. On September 9-11, 2004, in Chicago, PKAL hosted the first facilities workshop focusing on research and comprehensive institutions. Six MTSU departments were represented at the workshop—BIOL,



CHEM, CSCI, GEOL, MATH and PHYS. Five of these departments were represented by department chairs. Also attending were the director of campus planning and the dean of CBAS. The

focus was on how to create space for science and math that encourages hands-on, discovery-based learning, fosters collaborations among students, faculty and departments, and is sustainable. The science and mathematics departments at MTSU have been asked to develop a ten-year program and facilities plan during 2004-05.



The Basic B.E.S.T. (Boastful Educators Sharing Talents)

All departments are invited to submit items for this column

Aerospace

Ken Odom, a senior captain with Corporate Flight Management and graduate of MTSU Aerospace, recently capped his aviation career with a ceremonial flight. Passengers aboard the Lear 45 included nine members of Captain Odom's immediate and extended families.

Biology

Jeff Walck (BIOL) and **Warren Anderson** (ABAS), along with the Stones River National Battlefield, received a Cooperative Conservation Grant (\$46,505) to investigate the eradication of the exotic species Chinese yam and restore habitats in the Stones River Watershed.

George Benz coauthored a research article recently published in the international journal *Marine Biology* titled "Ultrasonic Tracking of Greenland Sharks, Somniosus Microcephalus, Under Arctic Ice."



Mark Hooper, an undergraduate student, recently participated as part of the science staff at the annual Monster Shark Fishing Tournament held at Martha's Vineyard, Massachusetts. Mark worked with scientists from the National Marine Fisheries Service, the Massachusetts Division of Marine Fisheries and the University of Hartford collecting scientific data and biological samples, including samples for **George Benz**.

Chemistry

Linda Hendrickson, undergraduate student in chemistry, received the 2004 Overcoming Challenges Award at the National Meeting of the American Chemical Society in Philadelphia August 24, 2004.

Judith Iriarte-Gross and **Martha Weller** (PHYS) presented a poster at the National Meeting of the American Chemical Society in Philadelphia August 22 and August 23. The title of their poster was "Science Science Everywhere. Laboratory Activities With Everyday Connections. A New Laboratory Course for Non-Science Majors."

Preston MacDougall presented "Conquer Without Dividing: Volume Rendering of Intact Molecular Charge Densities Effectively Illustrates Key Concepts in Bonding and Reactivity" at the American Chemical Society (ACS) symposium on 3-D Visualization Technology for Teaching Chemistry, part of the 228th National Meeting of the ACS held in Philadelphia August 22 -26.

Brian O. Bachmann of the Department of Chemistry at Vanderbilt University gave a presentation titled "Deconstruction and Construction of New Biosynthetic Pathways" September 16 at the weekly Chemistry seminar. Brigadier General Stanley H. Lillie, Chief of Chemical/Commandant of the U.S. Army Chemical School, Fort Leonard Wood, MO, gave a Presentation, "U.S. Army Chemical Corps Scientific Career Opportunities" at the Chemistry seminar September 21.

Computer Science

Suk Jai Seo has been awarded an Instructional Technologies Development Grant titled "On-Line Tu-



toring System for Computer Science I Students" for Fall 2004.

New officers for the Computer Science Department Association for Computing Machinery (ACM) are: President, Joshua Beard; Vice President, Zach Lowry; Secretaries, Mikki Rose and Anthony Moffette; Treasurers, Karen Soh and Chris Lance; Photographers, Jude Halterlein and Mickey Roberts; and Social, Michael O'Brien.

Engineering Technology and Industrial Studies

A poster created by Library Services of **Ahad Nasab** and his student robotics team won first place in the American Library Association READ poster contest. It is on display in the library.

Mathematical Sciences

Mary Martin and **Rebecca Zijlstra** were on the organizing committee for the 17th Cumberland Conference held at MTSU along with those listed in the June issue of *The Basic Facts*.

Military Science

Army ROTC welcomes a strong freshman class of 95 cadets and a sophomore class of 31 cadets. A big "HOORAH" goes out to our senior class that exceeded the Leader Development and Assessment Course average at Fort Lewis, Washington, in every category this summer. Our junior class is standing tall with 24 motivated cadets. They are leaning forward preparing for their opportunity to demonstrate their leadership skills during Summer 2005.



Nursing

Jenny Sauls has been appointed associate director for on-ground programs and **Karen Ward** has been appointed associate director of on-line programs in the School of Nursing.

Lynn Parsons and **Karen Ward** presented a paper and two posters at the 21st Annual Conference of the American Association of Spinal Cord Injury Nurses in Las Vegas, NV. **Suzanne Prevost** presented a paper titled "Pharmacological Developments for You and Your Patients" at the same conference.

Lynn Parsons and **Jenny Sauls** presented workshops on preceptor programs at Middle Tennessee Medical Center in Murfreesboro.



Maria Smith and **Pam Holder** taught 88 Teen Living students at Central Middle School last week.

Rochelle Snelling Smith sang the National Anthem at the 2004 Tennessee Walking Horse National Celebration in Shelbyville August 28. She has participated in the opening ceremony for approximately 20 years. She has also opened several times at the MTSU arena.

Physics

On August 4, 2004, Bill Robertson delivered an invited presentation entitled "Understanding Physics Through Signal Analysis Using MATLAB" at the National Meeting of the American Association of Physics Teachers in Sacramento, California.

First Friday Star Parties

October 1
November 5
December 3
(In WPS 102)

