



The Basic Facts

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The Basic Facts, College of Basic and Applied Sciences, Middle Tennessee State University, Murfreesboro, TN

CMT Groundbreaking Ceremony

The Science of Success

Inside this issue:	
CMT Groundbreaking Ceremony	1
Case Receives Award	1
New CBAS Technical Grants Clerk	1
Our Best	2

Regent Homes, Inc. of Brentwood and the MTSU Construction Management Program held a groundbreaking ceremony November 29 in the Blackman Farms residential community in Murfreesboro. The MTSU Fund Raising House is a coordinated effort between the industry members of the CMT industry advisory council, MTSU, and the local divisions of the Home Builders Association of Tennessee to provide additional program publicity, external funding, and hands-on manage-

ment training for MTSU construction students. Along with the home construction project, David McGowan and the Regent Homes team will provide several evening sessions during the spring 2007 semester for Student Home Builders Association members and all other interested students. These sessions will cover building and management-related business topics that coordinate with the building process occurring in the Blackman



Farm development. Proceeds gained through the sale of the house will be used to

aid in the continuing funding process for the Construction Management Degree program with a concentration in Land Development/Residential Home Building Construction Management.

Case Receives Outstanding Service Award



In recognition for her promotion of cooperative education, Karen Case was honored at the Cooperative Education Alumni Dinner & Awards Ceremony on November 3. Mimi Thomas, CBAS Career Coordinator, presented Karen with the 2006 Edwin

S. Voorhies Outstanding Service and Dedication Award. Karen has recommended more students to cooperative education during the past three years than any MTSU employee--administrative or faculty. Congratulations, Karen!



New CBAS Technical Grants Clerk

CBAS is pleased to announce the addition Rose Johnson to our office. Rose began in November as Grants Technical Clerk for the college. This is a new position which will provide budget support to grant coordinators and faculty. Rose is a 2004 graduate of MTSU with a major in Business Administration and a minor in

Economics/Finance. She and her husband Tim have been married for 21 years. They have 3 children: Chelsey, Chase and Chaney. Chelsey is currently a freshman at MTSU. Chase is a senior at Riverdale High School. Thir-

teen-year old Chaney is an 8th grader at Christiana Middle School.



Rose is temporarily located in Jones Hall 336. You can reach her by email at lrjohnso@mtsu.edu. Welcome, Rose! We are pleased you are a part of CBAS.

Visit our newsletter web site to view all *The Basic Facts'* issues:

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



Blessed is the season which engages the whole world in a conspiracy of love.

—Hamilton Rose Mabie—





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

All departments are invited to submit items for this column

Agribusiness / Agriscience

Randolph and Associates, Inc., a food and dairy consulting firm out of Birmingham, AL, hosted a luncheon for the dairy products judging team. The team placed first in the National Dairy Products Evaluation Contest in October. In attendance was the editor of *Dairy Foods Journal* who interviewed the team for an article in an upcoming issue. Also in attendance were Dr. McPhee, Dr. Cheatham, and Dr. Hoffman from MTSU; Dr. Randolph and Dr. Charles White of Randolph Associates (the sponsor and coach for the team); and John Sanford and Buddy Woodson, administrators for the Tennessee Department of Agriculture Food and Dairy Division.

Jessica Carter, Tim Redd, Daniel Boyer, Jason Tanner and Ralph Smith hosted a training session on the MTSU farm laboratories in conjunction with the University of Tennessee Extension Services. The training session involved instructing UT extension agents in the techniques of livestock and dairy evaluation.

Tim Redd and Liz Troup hosted an annual training session in the milk processing plant laboratory for Randolph and Associates, Inc. The course was on HTST pasteurization and was attended by dairy industry personnel from across the nation.

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Biology

Karen Hargrove, Coordinator for the Center for Environmental Education, premiered the program's newest educational product, "The

Tennessee Farmer's Guide to Cleaner Water" brochure at the recent Tennessee Farm Bureau annual conference in Franklin. The brochure is the second of a series educating the public about water quality and was well received by Department of Agriculture supporters and Farm Bureau members.

Jeffrey Walck recently co-authored a paper in *Seed Science Research* entitled "Evolutionary Considerations of the Presence of Both Morphophysiological and Physiological Seed Dormancy in the Highly Advanced Euasterids II Order Dipsacales."

Cindi Smith-Walters and Kim Cleary Sadler, along with colleagues Allyson Bass from Elementary and Special Education, and Kyle Butler from Educational Leadership, received funding for their Improving Teacher Quality Grant titled "Enhancing and Increasing Reading Skills in the Science Content Area" in the amount of \$75,000.

Gary Wulfsberg is on the program committee planning the XIV International Conference on Hyperfine Interactions & XVIII International Symposium on Nuclear Quadrupole Interactions to be held in Iguacu Falls, Brazil, August 2007.

Chemistry

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Computer Science

Brenda Parker presented "Alice: Learning to Program by Creating Movies" at the 2006 Mid-Southeast ACM Conference in Gatlinburg in November, and

Sung and Jungsoon Yoo presented "Custom Designed Student Response Systems."

Suk Jai Seo served as a judge of the undergraduate student presentations at the ACM Conference.

Richard Detmer attended the annual SACS conference in Orlando, FL, December 10-12. MTSU's accreditation reaffirmation for the next 10 years was announced at the conference.

Engineering Technology/Industrial Studies

David Gore presented "Enhancing Student Learning by Involving Students With Industry" at the CBAS Teaching & Learning seminar November 15.

Interest was generated in a collaborative effort between Nursing and Engineering Technology for Six-Sigma project work with Middle Tennessee Medical Center (MTMC). MTMC agreed to support internships for collaborative work on Six-Sigma projects with MTSU.

On December 8, presentations were made at the Bridgestone-Firestone USA plant in LaVergne on both Six-Sigma and plant layout projects.

Mathematical Sciences

Nancy McCormick co-presented "Transitioning to College-Credit Math Courses," at The TNADE 2006 in Gatlinburg October 29-31.

Zachariah Sinkala presented "A Higher Order B-Spline Collocation Method for Equal Width (EW) Equation" at the 26th Annual Southeastern-Atlantic Regional Conference on Differential Equations held at the University of North Carolina Greensboro October 26-28.

Rong Luo and David Chris Stephens were presenters at the 43rd Midwest Graph Theory Conference held in Fort Wayne, IN, November 3-4. **Rong Luo** presented "Realizing Degree Sequences of Graph Having Nowhere-Zero 3-Flow." **Chris Stephens** presented "Spanning Disks in Toroidal Embeddings."

Military Science

Two cadre transported seventeen cadets to Fort Campbell, Kentucky, November 17 to provide them with an orientation to an active duty army base and the home of the "Screaming Eagles."

Military Science will be commissioning four cadets as second lieutenants December 15.

Before and during the MTSU vs. Troy State football game November 25, the MS Department provided support to more than 145 veterans and their families in conjunction with the Athletic Department and Band of Blue. A barbecue picnic was provided on the lawn of Forrest Hall followed by a procession to Floyd Stadium and a march across the field at halftime.

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Nursing

Suzanne Prevost and Dr. Brandon Wallace from Sociology presented a platform presentation titled "End of Life Issues Among Nursing Home Residents" at the annual conference of the Gerontological Society of America in Dallas, TX, November 18.

Lynn Parsons was elected to the office of treasurer for the American Association of Spinal Cord Injury Nurses (AASCIN) November 13.

