



# The Basic Facts

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

## B & A Sciences Collaboration Symposium

*Advancing Science and Technology through University and Industry Partnerships*

### The Science of Success

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The College of Basic & Applied Sciences at MTSU is hosting a symposium for advancing science and technology through university and industry partnerships. The long-range goal is to establish a Center in the College of Basic and Applied Sciences that will promote and facilitate collaborative initiatives of mutual interest to the university and corporations in the region. The symposium will

be held Thursday, November 30, from 7:45 am to 12:15 pm. It will highlight potential areas of collaboration between university faculty and industry partners. Faculty who desire to establish or extend such collaboration are invited to participate in the program. Please see the symposium web site at <http://www.mtsu.edu/~collbas/symposium> for more information and contact your chair/director for an invitation.

Faculty in the College of Basic and Applied Sciences have been invited to complete a "Faculty Collaboration/Consulting" form to enable the college to build a database of relevant areas of interest. The initial response from faculty has been very favorable. If you have not completed a collaboration form, please do and e-mail it to [bas-dean@mtsu.edu](mailto:bas-dean@mtsu.edu). We welcome your feedback and input.

## Military Science Best in Region — ABAS Farm Fun Day

The Ranger Challenge team won 1st place in the annual Ranger Challenge Competition held during fall break weekend at Fort Knox,

Kentucky. This was the second year in a row that they have won first place in the regional competition.

and cookies, face painting, and many other activities hosted by the faculty and students of the School of Agribusiness and Agriscience on Friday, November 3, 2000.



The 700 grade school children who participated in the Farm Fun Day enjoyed petting cows, horses, ponies, goats, sheep, hogs, chickens, and learning about life on a farm. They also enjoyed a hayride, milk



### Special points of interest:

- College and Industry to collaborate
- ROTC news plus ABAS has some fun!
- What is a Grant Facilitator?
- What is B.E.S.T.? See Page 2 and learn what your colleagues are doing.

## Johnston Named B & A Sciences Grant Facilitator

Dr. Tony Johnston, Associate Professor in Agribusiness and Agriscience, has been named as the College of Basic and Applied Sciences Grant Facilitator. Dr. Johnston sees the primary functions of the Grant Facilitator as "increasing awareness of grants that can be applied for, develop-

ing a 'system' within the college that will make the grant application process easier, more successful, and more widely used," and finally, "encouraging and assisting with interdepartmental and inter-college grant applications." Dr. Johnston is distributing a "grants newsletter" via

e-mail and says he "welcomes all comments on the newsletters published thus far and suggestions for future efforts." You may contact Dr. Johnston at extension 2421 or by e-mail [johnston@mtsu.edu](mailto:johnston@mtsu.edu).



VISIT OUR WEB PAGE

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

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

All departments are invited to submit items for this column.

**A**gribusiness/Agriscience  
Dr. Harly Foutch, Department Chair, was elected Vice President of the American Association of State Colleges of Agriculture and Renewable Resources (ASCARR) at the annual meeting held September 29-October 3, 2000, in Lexington, KY. AASCARR membership consists of chairs, directors, and deans of agricultural programs. Dr. Foutch will select a theme and develop a program for the 2001 annual meeting held in Fresno, CA, hosted by California State University, Fresno.

**B**iology  
Dr. Phillip Mathis has submitted an essay, "The Art of Science Teaching: A Personal Perspective," in conjunction with his nomination for the National Education Association's Professor-of-the-Year Award. The essay has been submitted under the "Art of Teaching" category. The

winning essayist will receive a prize of \$2500, which will be awarded in February 2001.

Dr. Sandra Johnson has been appointed as a member of the Rutherford County Court Appointed Special Advocate (CASA). CASA members maintain a watchful eye over children in Rutherford County's foster care system by staying in direct contact with the children and working with social service personnel to find them permanent adoptive homes.

Dr. Jeffrey Walck authored a paper entitled "Chromosome Number of the Sandstone Rockhouse Endemic *Thalictrum Mirabile* (Ranunculaceae), and Clarification of its Endemism." The work was published in the *Journal of the Kentucky Academy of Science*. Dr. Walck also coauthored a paper entitled "A Contribution to the Life History of the Rare Indonesian Holoparasite *Rafflesia Patma* (Rafflesiaceae)," which was pub-

lished in *Biotropica*.

Dr. Jeffrey Walck presented an invited seminar entitled "Rarity of Short's Goldenrod, an Endangered Plant in Kentucky" at Eastern Kentucky University October, 2000.

**C**hemistry  
Dr. George Devendorf gave a presentation titled "A Universal Set of Emission Ratios for Predicting Gaseous and Particulate Emissions from Biomass Burning" at the seminar series held weekly by the Chemistry Department.

Dr. Gary White and students from the Chemistry Club gave a presentation titled "National Chemistry Week Demonstrations" at the seminar series held weekly by the Chemistry Department.

Dr. Preston MacDougall's work, in collaboration with Dr. Chris

Henze at NASA Ames, was showcased at the SC2000 Annual Conference in Dallas, TX, November, 2000. Displayed at the NASA booth was an illustration representing the GROWLER demonstration, which is a modular scientific visualization system spanning many disciplines (see web-based description at <http://www.nas.nasa.gov/User/Training/Events/SC00/ARC/growler.html>).

Ginger Corley, Program Coordinator and Academic Advisor for the College of Basic and Applied Sciences, recently held three SIS/Advising Review Sessions. All three were well received and if other faculty are interested in attending a session, please contact Ms. Corley at [gcorley@mtsu.edu](mailto:gcorley@mtsu.edu).

## Name That Department/School!

- |   |  |  |
|---|--|--|
| 1. Has six female and seven male professors.                      | raises beef cattle.  |  |
| 2. Has a Chair/Director and two faculty born in Kentucky.         | 5. Has a faculty member who never misses a MTSU football or basketball game.                     |  |
| 3. Has a new faculty member who consults in the Biotech industry. | 6. Has a faculty member who just became a citizen (so as to be able to vote for Elizabeth Dole). |  |
| 4. Has a faculty member who raises llamas and one who             | 7. Has three Asian-American faculty members.   |  |
|   |  | 8. Often has the new graduate with the highest salary offer. |
|   |  | 9. Has 400 undergraduate majors and 50 graduate students.    |

ANSWER:

**Bnlotsdy Rbhdmbd**

(Clue: Replace each letter above

with the next alphabetic letter)

