



# The Basic Facts

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

## Tennessee Academy of Science (TAS) Recognizes MTSU Faculty

### The Science of Success

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A number of MTSU faculty and students participated in the 110th meeting of the TAS, which was held at Belmont University on November 17, 2000. A highlight of the meeting was the presentation of the Distinguished Scientist Award to Dr. Thomas Hemmerly (MTSU Biology). Dr. Hemmerly received the award in recognition of career contributions to science in Tennessee. Dr. Hemmerly has been a member of the academy for many years and was inducted as a Fellow of the Academy in 1986. He has frequently

presented papers at the annual meeting and has published a number of papers in the *Tennessee Academy of Science Journal*.

The TAS was founded in 1912 to promote scientific research and the diffusion of knowledge concerning science and as a result has provided direction for Tennesseans on a number of science issues. The Academy organizes symposia, manages on-going programs in many fields, and communicates with the national scientific culture. The TAS is affiliated with two national societies and seven Ten-

nessee societies.

MTSU had 58 faculty and students from Biology and Chemistry making oral or poster presentations at the meeting. Thirty-six of them were students. Special thanks to the faculty in Biology and Chemistry for including students in research and exploration. This is terrific! See "The Basic B.E.S.T." column for a listing of faculty and students who gave presentations.

For more information concerning TAS, go to the web address at <http://kesler.biology.rhodes.edu/tas.htm>.

## BioTechnology Resource Group — From an Idea to a Reality

The MTSU BioTechnology Resource Group (BRG) was created through the combined efforts and skills of faculty in the College of Basic and Applied Sciences. Currently, the group's goal is to promote the sharing of knowledge and skills among a multi-disciplinary group of partners which consists of MTSU, industry and government agencies in Middle Tennessee.

BRG's main objectives are to provide educational services which will yield a highly skilled workforce and to develop and facilitate

development of new technologies that will strengthen and attract economic growth and prosperity to the region.

Faculty participating include Dr. Frank Bailey (BIOL), Dr. Anthony Farone (BIOL), Dr. George Murphy (BIOL), Dr. Rebecca Seipelt (BIOL), Dr. Cindi Smith-Walters (BIOL), Dr. Marion Wells (BIOL), Dr. Stephen Wright (BIOL), Dr. Paul Kline (CHEM), Dr. Richard Redditt (ETIS), Dr. William Roberts (PHYS), and Dr. Ray Phillips (Interim Dean, College of Basic & Applied Sciences). Industry and

government agencies participating are Dr. Allen Craig (TN Dept. of Health), TN Bureau of Investigation, Mr. Elliott Dawson (BioVentures, Inc.), Mr. Dennis Grimaud (TN Biotechnology Association), and Dr. Lee Martin (TN Technology Development Corporation).

For more information visit BRG's website at <http://www.mtsu.edu/~rseipelt/brgindex.htm> or call the Director, Dr. Rebecca Seipelt at 904-8393.

### Special points of interest:

- MTSU faculty member earns TAS award
- BioTech Group a reality
- Symposium — a success story
- Who is B.E.S.T.? See Page 2 and learn what your colleagues are doing.

## MTSU Science & Technology Symposium Update

The Symposium was a wonderful example of collaboration within the College of Basic & Applied Sciences. Every academic department in the college participated in the program. Dr. Stephen Wright (BIOL) presented a virtual tour of the college laboratories and facilities and faculty from the departments described the MTSU programs and faculty

talents available as a resource to the community.

Dr. Ellen Weed from the Tennessee Board of Regents and several industry representatives spoke about the value of collaboration.

Mr. Marvin Runyon, Chairholder Russell Chair in Manufacturing Excellence, gave the keynote address.

For further information regard-

ing the symposium and for brief biographies of the program

speakers, visit the website at <http://www.mtsu.edu/~collbas/symposium>.





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

All departments are invited to submit items for this column

### Biology

The following faculty and students made presentations at the November 17 meeting of the Tennessee Academy of Science at Belmont University.

- Jeffrey Walck
- Thomas Hemmerly
- Rebecca Seipelt
- Anthony Farone
- Matt Elrod-Erickson
- Sarah Barlow
- Michael Rutledge
- Teresa Stegall-Faulk
- Stephen Wright
- John Zamora
- Stephen Howard
- Jeff Leblond
- Lorna Morris
- Tamara Berthel
- Katrina Dollar
- Betty McNelly
- Jeff Lindquist
- Spence Dowlen
- Penny Vestal
- Jennifer Krepp
- Miriam Kee
- Jeffery Fisher

### Chemistry

Dr. Patricia Patterson and Ms. Brenda Parker (CSCI) are recipients of the 2000 Eisenhower Professional Development Grant. They were awarded \$35,372.

The following faculty and students made presentations at the

November 17 meeting of the Tennessee Academy of Science at Belmont University.

- Preston MacDougall
- George Devendorf
- William Ilsley
- Judith Iriarte-Gross
- Gary Wulfsberg
- Martin Stewart
- Roy Clark
- Judith Bonicamp
- Virginia Mattie
- Christopher Henze
- Kristie Gholson
- Zahra Rezaei
- Barbara Young
- Lyubov Hoffman Laorche
- Allen Tate
- Linda Arney Wilson
- Gale Harvey
- Lisa Manier
- Kent Hegler
- Nyanguila Kakolesha
- Hitendra Patel
- Freneka Minter
- Hadi Arman
- Timothy Decha-Umphai
- Ashley Loflin
- Jennifer Pendergrast
- Vickie Bouttavong
- Salar Sadjadi
- Barry Farris
- Sayena Sadjadi
- Tammy Melton
- Terrance Lee
- Nyanguila Kakolesha
- Tracy Balls
- Dara Grissom

The following students received awards at the TAS meeting in November.

Virginia Mattie won first place in the Math & Science Teaching poster presentation.

Nik Kakolesha won first place for his talk in the Math & Science Teaching session.

Ashley Loflin won third place in the Chemistry poster presentation.

For information on the various abstracts presented at the TAS meeting, go to the website at <http://kesler.biology.rhodes.edu/tas.htm>. In the left window under "Index" click on "Annual Meeting," then in the right window click on "2000 Meeting Information," scroll down for "Section Abstracts."

### Mathematical Sciences

Dr. Dennis Walsh has three entries which have been accepted for Fall 2000 in *On-Line Encyclopedia of Integer Sequences*.

Dr. Dovie Kimmins and Dr. Ray Phillips have been selected by Tennessee Higher Education Commission as recipients of the 2000 Eisenhower Professional Development Grant (\$92,936).

Dr. Mary Martin has been selected as a recipient of the 2000 Eisenhower Professional Development Grant (\$38,224) by the Tennessee Higher Education Commission.

### Nursing

Drs. Stephen Krau and Lynn Parsons published a research abstract in the *Tennessee District 15 Heartbeat*, November 2000.

Dr. Stephen Krau was recently published in the journal *Evidenced Based Nursing*, Vol. 3, Issue #1.

Dr. Lynn Parsons was recently published in *National Association of Orthopaedic Nurses*, Vol. 21, Number 6.

Drs. Stephen Krau, Lynn Parsons, and Karen Ward presented research posters at the 92nd Annual Convention of the TNA at Cool Springs Marriott Conference Center in Franklin TN.

Ms. Judy Campbell co-presented a paper at the convention.

