



The Basic Facts

Volume 2, Issue 5 September 2001

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

The Science of Success

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Special points of interest:

- 2000-2001 Foundation Awards
- College-Wide Workshops
- AEE Scholarships Funded and Iriarte-Gross Honored
- MATH & STAT Conference
- Who is B.E.S.T.? See Page 2 and learn what you and your colleagues could be doing with your time this semester.

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

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

B & A Sciences Faculty Receive Foundation Awards

Outstanding Teacher Award, Outstanding Achievement in Instructional Technology Award, Distinguished Research Award, Outstanding Public Service Award, and Faculty Career Achievement Award. These are just a few of the many awards won by Basic and Applied Sciences faculty this year. The College is delighted to have won seven university-wide awards again this year!

And the winners are:

Outstanding Teacher Award

Jean M. Hastings
School of Nursing
Paul C. Kline

Outstanding Achievement in Instructional Technology Award

Maria Smith
School of Nursing

Outstanding Public Service Award

Shelia Marquart
School of Nursing

Faculty Career Achievement Award

Philip M. Mathis
Biology Department



Not pictured: Dr. Yuri Melnikov & Dr. Philip Mathis

Distinguished Research Award

Ngee-Sing Chong
Chemistry Department
Yuri Melnikov
Mathematical Sciences Department

Association for Energy Engineers (AEE) Funds Scholarships

Ms. Teresa Hilton, an Environmental Sciences major, received a \$1,000 scholarship from the Middle Tennessee Chapter of AEE, and Agribusiness and Agriscience major, Mr. Josh Hankins received a \$500 scholarship from AEE. Teresa attended the August meeting of the Association in Nashville and was presented her award by the Mr. Gary Moody from AEE. MTSU's Joe Whitefield is the President of the chapter for 2001-02.

American Chemical Society (ACS) Recognizes Iriarte-Gross



At its national meeting in Chicago in late August, the ACS presented Chemistry Professor and McNair Academic Coordinator, Dr. Judith Iriarte-Gross, with an ACS Chemluminary "Most Innovative Recognition of Women in Chemical Sciences" Award for 2000. Dr. Iriarte-Gross was recognized for her efforts through the Expanding Your Horizons (EYH) programs at MTSU. Congratulations Judith! Also pictured is her McNair Scholar, Miss Freneka Minter.

Free Conference on Mathematics and Statistics at MTSU!

The Department of Mathematical Sciences and Addison-Wesley Publishing Company are sponsoring a free Mathematics and Statistics Workshop at MTSU on Saturday, **October 6, 2001**. Attendance is free and registration is made by contacting Joanne.foster@awl.com. Nationally known speakers from universities around the United States will be presenting teaching strategies for

courses ranging from developmental mathematics through calculus and statistics. The sessions run concurrently during the day with the keynote speaker, Gary Rockswold from Minnesota State University, Mankato. Topics will range from "Challenges Facing Today's Mathematics Instructors" to "Hollywood goes to Math Class." An emphasis is to be placed on technology and applications of

Academies of Sciences to Meet on MTSU Campus

CALL FOR PAPERS STILL OPEN

The 2001 Tennessee Academy of Science meeting is to be held jointly with the Kentucky Academy of Science on the MTSU campus November 10-11. Papers will be accepted from all science areas and also in the areas of Ethics in Science and Science/Math Teaching. Presenters will be allowed 15 minutes for presentation and questions. Abstracts of papers presented will be published in an upcoming issue of the Journal of the Tennessee Academy of Science. All individuals are encouraged to consider presenting a paper – it will never be easier!!! Presentation submission forms can be obtained from Jim Hart, Department of Mathematical Sciences (x2402). The deadline is September 21, 2001—submission forms can be faxed to Jack Rhoton 423-439-8362. There might be a small chance of late acceptance – so collect your ideas now and submit them for presentation.

mathematics and statistics. Continental breakfast and lunch provided. Please contact Joanne.foster@awl.com or mmartin@mtsu.edu for additional information.



The Basic B.E.S.T. (Boastful Educators Showing Talents) [Will return next month. This issue is devoted to a calendar of events.]

All departments are invited to submit items for this column

Aerospace

September 17

Flight Lab Request forms for Spring 2002 available at AERO office. Due no later than October 1.

October 24-27

AERO hosting the University Aviation Association's National Education Conference. Music City Sheraton, Nashville.

November 10

AERO hosting regional competition of the National Intercollegiate Flying Association. Flight teams from nine universities will compete in both ground and flying events.

Agribusiness/Agriscience

September 10

American Quarter Horse Judging Contest to be held at the Tennessee Livestock Center.

September 17

FFA State Judging Contest, hosted by the School of ABAS. High schools from across the state will compete.

September 18

Wines Tasting event for the Main Street Association and Rutherford County Center for the Arts. Conducted by Dr. Tony Johnston.

October 26

School of ABAS Farm Festival. Expecting about 750 elementary school students throughout middle Tennessee.

November 3

Homecoming Reception in the foyer of the Stark ABAS Building. All current and past students welcome. 9:00am - 11:00am.

December 15-16

Intercollegiate Horse Show. Hosted by ABAS, the show is a regional competition for the Equestrian Team.

Chemistry

Weekly Seminars:

September 27

October 4

October 11

October 25

November 1

November 8

November 15

November 29

Mathematical Sciences

October 6

Addison- Wesley Conference at MTSU (KOM) on mathematics teaching and technology. Open to everyone and free! Contact Dr. Mary Martin for more information (mmartin@mtsu.edu).

Military Science

September 13-16

Supporting American Veterans Traveling Tribute.

September 29

Ranger Challenge Competition at Fort Campbell.

October 5-7

Field Training exercise at Cedars of Lebanon State Park.

October 26-28

Ranger Challenge Competition at Fort Knox.

November 9-10

Field training exercise.

December 14

Commissioning Ceremony

Non-Tenured/Tenure Track-Faculty Workshops

September 20

BAS S137F -- 3:00 - 5:00pm

October 24

MGB 301 -- 12:25 - 1:15 pm

November 14

MGB 301 -- 12:25 - 1:15 pm

January 23, 2002

MGB 301 -- 12:25 - 1:15 pm

February 20

MGB 301 -- 12:25 - 1:15 pm

March 20

MGB 301 -- 12:25 - 1:15 pm

April 17

MGB 301 - 12:25 - 1:15 pm

Topics available - mmartin@mtsu.edu

Spring dates and rooms are tentative.

Innovation Seminars

The College of Basic and Applied Sciences is hosting a series of monthly innovation seminars to gather ideas from faculty about topics and activities related to the college goals for 2001-2002. We need your ideas to make the college better! We would like to have at least **ONE** faculty member from each department for each seminar. Up to two faculty members from a department can register for each seminar on a first-come first-served basis. Sessions will be informal and dialog will be encouraged. Please help us dream some big dreams for the College of Basic and Applied Sciences. Find more details and register at <http://collbas.mtsu.edu/InnovationSeminars/default.asp>.

Innovation Seminar Workshops

October 17

MGB 301 -- 12:25 pm

Follow-up to the Collaboration Symposium

November 28

MGB 301 -- 12:25 pm

Ways to Increase Undergraduate Research

Spring 02

MGB 301 -- 12:25 pm

College-Wide Student Mentoring Program

Spring 02

MGB 301 -- 12:25 pm

Incentives for Seeking External Funding

Spring 02

MGB 301 -- 12:25 pm

Distance and On-Line Classes

Spring 02

MGB 301 -- 12:25 pm

Interdisciplinary Courses

Promotion & Tenure Deadlines

August - October 1

Faculty candidates submit outlines of faculty data to department chair and D-PTRC.

October 1-5

Deans provide Faculty Senate President with names of faculty elected to C-PTRC. C-PTRC selects chair and establishes procedures for review.

October 29-November 2

Chairs meet with D-PTRC to review recommendations. Final recommendations forwarded to deans and C-PTRC.

November 2 - until completed

D-PTRC prepare annual evaluations of TT faculty not being reviewed for tenure or promotion.

November 2-December 14

C-PTRC and deans evaluate and make recommendations on promotion/tenure candidates. Deans meet with respective C - P T R C discussing recommendations. Deans and committees send final recommendations to P/VPAA.

January 7-March 1, 2002

P / V P A A evaluates recommendations from deans and committees. P/VPAA makes recommendations to President for submission to TBR.