MABE Department
fact sheet

FACULTY

Leadership
Dr. Matthew M. Mench
Department Head
1512 Middle Drive
410 Dougherty Engineering Building
Knoxville, TN 37996
Phone: (865) 974-6751
mmench@utk.edu

Outstanding Faculty
The department includes Governor’s Chair of Advanced Composites Manufacturing Uday Vaidya, Governor’s Chair of Advanced Manufacturing Suresh Babu, Magnavox Professor Kenneth D. Kihm, Condra Chair of Excellence Matthew M. Mench, and H.H. Arnold Chair John D. Schmisseur.

- 7 Chaired Professorships
- 8 NSF Career or ONR Young Investigator Program Award Winners
- Richard Rosenberg Endowed Professor of Practice

Faculty for Fiscal Year 2017-2018

Professors          14
Associate Professors 12
Assistant Professors 13
Lecturer/Professor of Practice 7
Research Assistant Professor 8
Research Professor     1
Clinical Associate Professor 2
Total                57

Faculty Research Profile
MABE faculty members are funded by numerous government and private sources, including:
- U.S. Department of Health and Human Services
- U.S. Department of Energy
- The National Science Foundation
- National Institutes of Health
- Boeing
- General Motors
- U.S. Air Force
- ExonMobil
- Lockheed Martin
- U.S. Navy

Nationally Recognized Leadership in Education and Research
- Leading the $9.9 million NASA University Leadership Initiative (ULI) Project to produce a more aerodynamically capable aircraft
- Leading the $259 million Institute for Advanced Composites Manufacturing Innovation (IACMI)
- First engineering program in the world to open a synthetic cadaver lab
- 1 of 16 university teams to participate in the EcoCAR 3: Advanced Vehicle Technology Competition

STUDENTS

Enrolled Students
(2017 Fall Semester)

Undergraduate          1,267
- Mechanical Engineering     770
- Aerospace Engineering      227
- Biomedical Engineering     270

Master’s                 85
- Mechanical Engineering    42
- Aerospace Engineering     31
- Biomedical Engineering    8
- Engineering Science       4

Doctoral               115
- Mechanical Engineering    77
- Aerospace Engineering     14
- Biomedical Engineering    13
- Engineering Science       5
- Energy Science & Eng.      6

Total                1,467

UT SPACE INSTITUTE
Location: Woods Reservoir in Tullahoma, Tenn.

- 365-acre graduate education and research institution
- Eleven MABE faculty members located at UT-SPACE
- Founded in 1964 to support Arnold Engineering Development Center at Arnold Air Force Base as a graduate education and research facility
- Internationally recognized for graduate study and research in engineering, physics, mathematics, and aviation systems
- More than 2,000 graduates, including 250 doctorates and nine astronauts