

# MABE Department fact sheet

## FACULTY

### Leadership



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### 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. Schmisser.

- 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
<b>Total</b>	<b>57</b>

### 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
- ExxonMobil
- 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

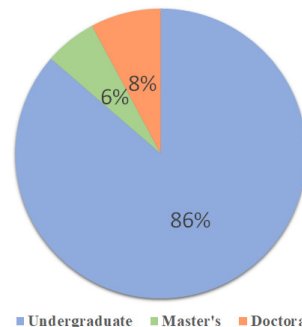


1 of 16 university teams to participate in the EcoCAR 3: Advanced Vehicle Technology Competition

## 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
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## UT SPACE INSTITUTE



Location: Woods Reservoir in Tullahoma, Tenn.

- 365-acre graduate education and research institution
- Eleven MABE faculty members located at UTSI
- 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