



The Artie McFerrin Department of Chemical Engineering at Texas A&M University is one of the largest fully accredited programs in the country. The department's faculty members are engaged in a wide breadth of research, ranging from highly applied research in areas of biomass utilization, process safety and hydrocarbon processing to very fundamental research in nanotechnology, life sciences and molecular simulation. Located in a 205,000 square-foot state-of-the-art facility, the department provides its students and faculty members access to the most advanced resources.



The Department of Biomedical Engineering at Texas A&M University is one of the oldest academic programs in the United States. The department is devoted to the entire scope of medical intervention including engineering-based research on fundamental physiology and pathophysiology, research on new technologies for diagnostic and therapeutic devices, and the development and design of new medical devices. Research activities cover many areas of biomedical engineering, with unique strengths in cardiovascular biomechanics, biomedical optics and biomaterials.



Society For Biomaterials
**Biomaterials Day at
Texas A&M University**

George Bush Presidential Library
February 22, 2010 • College Station, Texas

For more information on Biomaterials Day, contact:

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TEXAS A&M ENGINEERING

About the Conference

With the intent of highlighting cutting-edge biomaterials research and increasing student interest in biomaterials careers, the Society for Biomaterials has initiated the **Biomaterials Day Program**.

The program provides financial support for a one-day symposium at five different locations throughout the United States.

Co-sponsored by the Department of Biomedical Engineering and the Artie McFerrin Department of Chemical Engineering, **Biomaterials Day at Texas A&M** aims to enhance networking between academic and industrial sectors and increase student exposure to exciting biomaterials research.

This one-day symposium will include a keynote lecture and two invited talks by leading biomaterial scientists. Oral presentations from both academic and industrial researchers will showcase ongoing research in the region and promote collaboration and knowledge exchange between institutions and industry. A biomaterials education panel with speakers from regional institutions and industry will discuss biomaterial curriculum and educational outcomes relevant to career success. Finally, abstracts will be solicited for an afternoon poster session that will provide a venue for student research presentations and networking. Judges will select poster award recipients in each student category (undergraduate, masters and Ph.D), who will be recognized at the banquet.

Registration

Early registration is open until Jan. 20, 2010.

The registration fee is \$75.00, and students may register for \$25.00.

Register online at biomed.tamu.edu/biomaterialsday

Abstract Submission

The student abstract submission deadline is Dec. 15, 2010. Abstracts may be submitted online by clicking on the submissions tab and following the instructions for uploading.

Schedule

February 22, 2010 • College Station, Texas •
Annenberg Presidential Conference Center,
George Bush Presidential Library

9:00-10:00 a.m.	Breakfast/Registration
10:00-10:15 a.m.	Opening Remarks
10:15-11:00 a.m.	Keynote Address: Tony Mikos
11:00-11:30 a.m.	Invited Talk: Karen Wooley
11:30-12:00 p.m.	Invited Talk: Chuck Griffin
12:00-1:00 p.m.	Luncheon
1:00-3:00 p.m.	Oral Presentations
3:00-4:00 p.m.	Student Poster Reception
4:00-5:20 p.m.	Oral Presentations
5:30-6:30 p.m.	Panel on Biomaterials Education
6:30-8:00 p.m.	Banquet



TEXAS A&M
UNIVERSITY

Symposium Steering Committee

Dr. Elizabeth Cosgriff-Hernández	Biomedical Engineering
Dr. Melissa Grunlan	Biomedical Engineering
Dr. Michael Pishko	Chemical Engineering
Dr. Mariah Hahn	Chemical Engineering

About the Speakers



Dr. Tony Mikos is the Louis Calder Professor of Bioengineering and Chemical and Biomolecular Engineering and Director of the J.W. Cox Laboratory for Biomedical Engineering and the Center for Excellence in Tissue Engineering at Rice University. He received his Dipl.Eng. in 1983 from the Aristotle University of Thessaloniki, Greece before earning his Ph.D. in chemical engineering from Purdue University in 1988. Mikos is a leading researcher, inventor and pacesetter in biomaterial science, as evidenced by his exceptional publication record of more than 350 journal articles, 23 patents and 70 book chapters. In addition, he has authored textbooks on biomaterials and tissue engineering that are used in the curriculum at leading universities.

Dr. Karen Wooley is the W. T. Doherty-Welch Professor of Chemistry at Texas A&M University. She is well known for her creative approaches to the design of nanometer-scale synthetic polymer particles as vessels for medical diagnostics and delivery agents. She is an enthusiastic, award-winning teacher and mentor who has actively involved students at all levels in research and established avenues to broaden their experiences through external and international study and internships. Prior to joining Texas A&M in 2009, Wooley was at Washington University where she was the James S. McDonnell Distinguished University Professor in Arts & Sciences. She received her B.S. in chemistry from Oregon State University in 1988 and Ph.D. in polymer/organic chemistry from Cornell University in 1993.



Charles D. Griffin, President and CEO of Biostable Science & Engineering in Austin, Texas, has nearly 30 years of experience in the medical device industry and is Chairman of the External Advisory Board of the BioMedical Engineering program at The University of Alabama-Birmingham. From 2001-2006, he served as president of CarboMedics and as SVP

of Sorin Group following its acquisition of CarboMedics. From 1986-2001 he served in several roles at CarboMedics, including head of engineering and vice president. Prior to joining CarboMedics in 1982, Griffin was with Zimmer USA. He also has served on the advisory board of the Department of Biomedical Engineering at Georgia Tech. Griffin earned a B.S. in civil engineering from Auburn University and an M.S. in material engineering from the University of Alabama-Birmingham.