Metallurgical, Materials and Biomedical Engineering

Graduate students in Metallurgical, Materials and Biomedical Engineering are involved with academic studies and research programs that focus on understanding the structure, properties, processing, and performance of materials, including the development of new or improved materials and advanced processing methods. These are the critical links between the design and the realization of new materials systems. Materials and materials limitations pervade all of the engineering and high technology fields that are an integral part of our society and its economic infrastructure. The challenges and opportunities for graduates in metallurgical and materials engineering are certainly exciting and exceptional.

Chair
Stella Quinones
Contact Information: stellaq@utep.edu; 915-747-6939
Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso; Ph D, The University of Texas at El Paso

Professor
Thomas Boland
Contact Information: tboland@utep.edu; 915-747-7992
Education: BS, Ecole Nationale Supérieure d’Ingénieurs de Génie Chimique; Ph D, University of Washington; Post doctoral, Pennsylvania State University

Devesh Misra
Contact Information: dmisra2@utep.edu; 915-747-8679
Education: BS, Indian Institute of Technology, Banaras Hindu University; Certificate of Postgraduate Study in Natural Sciences, University of Cambridge; Ph D, University of Cambridge

Stephen Stafford
Contact Information: stafford@utep.edu; 915-747-6930
Education: BS, The University of Texas at El Paso; Ph D, Rice University

Shailendra Varma
Contact Information: skvarma@utep.edu; 915-747-6937
Education: B.Eng., University of Roorkee; MS, University of Denver; Ph D, Georgia Institute of Technology

Associate Professor
Binata Joddar
Contact Information: bjoddar@utep.edu; 915-747-8456
Education: BS, Pune University; MS, Jadavpur University; Ph D, Clemson University; Post-doc, The Ohio State University

Namsoo Kim
Contact Information: nkim@utep.edu; 915-747-7996
Education: Ph D, South Dakota School of Mines and Technology

XiuJun (James) Li
Contact Information: xli4@utep.edu; 915-747-8967
Education: BS, Qingdao University; MS, Shandong University; Ph D, Simon Fraser University; Postdoctoral, University of California, Berkley; Postdoctoral, Harvard University

Stella Quinones
Contact Information: stellaq@utep.edu; 915-747-6939
Education: BA, The University of Texas at El Paso; MS, The University of Texas at El Paso; Ph D, The University of Texas at El Paso

David Roberson
Contact Information: droberson@utep.edu; 915-747-5924
Education: Ph D, The University of Texas at El Paso

Brian Schuster
Contact Information: bschuster@utep.edu;
Assistant Professor

Sylvia Natividad-Diaz
Contact Information: snatividad@utep.edu
Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso; Ph D, University of California, Berkeley

Guikuan Yue
Contact Information: gyue@utep.edu; 915-747-6934
Education: Ph D, University of British Columbia

Professor of Practice

Darren Cone
Contact Information: dmcone@utep.edu; 915-747-5785
Education: BS, The University of Texas at El Paso; MS, The University of Texas at El Paso

Programs

Master of Science

• M.S. in Biomedical Engineering
• M.S. in Metallurgical and Materials Engineering

Doctor of Philosophy

• Ph.D. in Biomedical Engineering
• Ph.D. in Materials Science and Engineering (Interdisciplinary)

Graduate Certificate

• Graduate Certificate in Nanotechnology in Materials Development

The University of Texas at El Paso
College of Engineering
Metallurgical, Materials and Biomedical Engineering
Engineering Building Room M-201
500 W University
El Paso, Texas 79968

Phone: 915.747.5468
Email: metal@utep.edu

Visit Department Website (https://www.utep.edu/engineering/mmbme/)