DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

Faculty and Teaching Staff

Jeffrey C. Grossman, PhD
Morton and Claire Goulder and Family Professor in Environmental Systems
Professor of Materials Science and Engineering
Head, Department of Materials Science and Engineering

Caroline A. Ross, PhD
Ford Professor of Engineering
Professor of Materials Science and Engineering
Associate Head, Department of Materials Science and Engineering

Professors

Alfredo Alexander-Katz, PhD
Professor of Materials Science and Engineering

Antoine Allanore, PhD
Professor of Materials Science and Engineering

Polina Olegovna Anikeeva, PhD
Matoula S. Salapatas Professor of Materials Science and Engineering
Professor of Materials Science and Engineering
Professor of Brain and Cognitive Sciences

Geoffrey Stephen Beach, PhD
Toyota Professor of Materials Science and Engineering
Professor of Materials Science and Engineering

Angela M. Belcher, PhD
James Mason Crafts Professor
Professor of Biological Engineering
Professor of Materials Science and Engineering
Head, Department of Biological Engineering

W. Craig Carter, PhD
Toyota Professor of Materials Science and Engineering
Professor of Materials Science and Engineering

Yet-Ming Chiang, ScD
Kyocera Professor
Professor of Materials Science and Engineering

Michael J. Cima, PhD
David H. Koch Professor in Engineering
Professor of Materials Science and Engineering

Thomas W. Eagar, ScD
Professor Post-Tenure of Materials Science and Engineering

Yoel Fink, PhD
Professor of Materials Science and Engineering

Eugene A. Fitzgerald, PhD
Merton C. Flemings (1951) SMA Professor
Professor of Materials Science and Engineering

Lorna Gibson, PhD
Matoula S. Salapatas Professor Post-Tenure of Materials Science and Engineering
Professor Post-Tenure of Mechanical Engineering

Dorothy Hosler, PhD
Professor of Archaeology and Ancient Technology

Juejun Hu, PhD
Elliott Professor of Materials Science and Engineering
Professor of Materials Science and Engineering
(On leave)

Darrell J. Irvine, PhD
Underwood-Presscott Professor
Professor of Biological Engineering
Professor of Materials Science

Klavs F. Jensen, PhD
Warren K. Lewis Professor of Chemical Engineering
Professor of Materials Science and Engineering
(On sabbatical, spring)

Lionel C. Kimerling, PhD
Thomas Lord Professor of Materials Science and Engineering

Heather Nan Lechtman, MA
Professor of Archaeology and Ancient Technology
(On leave)

Ju Li, PhD
Battelle Energy Alliance Professor of Nuclear Science and Engineering
Professor of Materials Science and Engineering

Christine Ortiz, PhD
Morris Cohen Professor of Materials Science and Engineering

Frances M. Ross, PhD
Ellen Swallow Richards Professor in Materials Science and Engineering

Carl V. Thompson, PhD
Stavros Salapatas Professor of Materials Science and Engineering

YOEL FINK, PHD
Professor of Materials Science and Engineering

EUGENE A. FITZGERALD, PHD
MERTON C. FLEMINGS (1951) SMA PROFESSOR
PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING

LORNA GIBSON, PHD
MATOULA S. SALAPATAS PROFESSOR POST-TENURE OF MATERIALS SCIENCE AND ENGINEERING
PROFESSOR POST-TENURE OF MECHANICAL ENGINEERING

DOROTHY HOSLER, PHD
PROFESSOR OF ARCHEOLOGY AND ANCIENT TECHNOLOGY

JUEJUN HU, PHD
ELLIOTT PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING
PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING
(ON LEAVE)

DARRELL J. IRVINE, PHD
UNDERWOOD-PRESSCOTT PROFESSOR
PROFESSOR OF BIOLOGICAL ENGINEERING
PROFESSOR OF MATERIALS SCIENCE

KLAVS F. JENSEN, PHD
WARREN K. LEWIS PROFESSOR OF CHEMICAL ENGINEERING
PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING
(ON SABBATICAL, SPRING)

LIONEL C. KIMERLING, PHD
THOMAS LORD PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING

HEATHER NAN LECTHMAN, MA
PROFESSOR OF ARCHEOLOGY AND ANCIENT TECHNOLOGY
(ON LEAVE)

JU LI, PHD
BATTLECHE E NERGY ALLIANCE PROFESSOR OF NUCLEAR SCIENCE AND ENGINEERING
PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING

CHRISTINE ORTIZ, PHD
MORRIS COHEN PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING

FRANCES M. ROSS, PHD
ELLEN SWALLOW RICHARDS PROFESSOR IN MATERIALS SCIENCE AND ENGINEERING

CARL V. THOMPSON, PHD
STAVROS SALAPATAS PROFESSOR OF MATERIALS SCIENCE AND ENGINEERING

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING
Harry L. Tuller, PhD
Professor Post-Tenure in Ceramics and Electronic Materials

Krystyn J. Van Vliet, PhD
Michael (1949) and Sonja Koerner Professor of Materials Science and Engineering
Professor of Biological Engineering
Associate Provost
Associate Vice President for Research

Bilge Yildiz, PhD
Professor of Nuclear Science and Engineering
Professor of Materials Science and Engineering

Associate Professors
Rafael Jaramillo, PhD
Thomas Lord Associate Professor of Materials Science and Engineering

Jeehwan Kim, PhD
Associate Professor of Mechanical Engineering
Associate Professor of Materials Science and Engineering
(On leave)

James M. LeBeau, PhD
Associate Professor of Materials Science and Engineering

Robert Macfarlane, PhD
Associate Professor of Materials Science and Engineering

Elsa A. Olivetti, PhD
Esther and Harold E. Edgerton Associate Professor in Materials Science and Engineering

Julia H. Ortony, PhD
Samuel A. Goldblith Associate Professor in Materials Science and Engineering
(On leave)

C. Cem Taşan, PhD
Thomas B. King Associate Professor of Metallurgy

Assistant Professors
Rodrigo Freitas, PhD
Amax Career Development Assistant Professor in Materials Science and Engineering

Rafael Gómez-Bombarelli, PhD
Cheah Assistant Professor in Materials Science and Engineering

Aristide Gumyusenge, PhD
Merton C. Flemings Career Development Assistant Professor in Materials Science and Engineering

Professors of the Practice
Gregory M. Olson, ScD
Thermo-Calc Professor of the Practice
Professor of the Practice of Materials Science and Engineering

Visiting Professors
Jennifer L. M. Rupp, PhD
Visiting Professor in Materials Science and Engineering

Senior Lecturers
Geetha P. Berera, PhD
Senior Lecturer in Materials Science and Engineering

Michael J. Tarkanian, SM
Senior Lecturer in Materials Science and Engineering

Meri Treska, PhD
Senior Lecturer in Materials Science and Engineering

Lecturers
James Hunter, PhD
Lecturer in Materials Science and Engineering

Jennifer Meanwell, PhD
Lecturer in Materials Science and Engineering

Joseph Parse, PhD
Lecturer of Materials Science and Engineering

Max D. Price, PhD
Lecturer in Materials Science and Engineering

Jessica G. Sandland, PhD
Lecturer in Materials Science and Engineering

Ellan Spero, PhD
Lecturer in Materials Science and Engineering

Instructors
Peter B. Houk, MA
Instructor in Materials Science and Engineering

Technical Instructors
Whitney Cornforth, PhD
Technical Instructor in Materials Science and Engineering

Christopher J. Di Perna, MS
Technical Instructor in Materials Science and Engineering

William Gilstrap, PhD
Technical Instructor in Materials Science and Engineering

Shaymus W. Hudson, PhD
Technical Instructor in Materials Science and Engineering
Brian Neltner, PhD
Technical Instructor in Materials Science and Engineering

Visiting Lecturers
Arne Hessenbruch, PhD
Visiting Lecturer in Materials Science and Engineering
Andreas Wankerl, PhD
Visiting Lecturer in Materials Science and Engineering

Research Staff

Principal Research Scientists
Ming Dao, PhD
Principal Research Scientist of Materials Science and Engineering

Research Scientists
David C. Bono, PhD
Research Scientist of Materials Science and Engineering
Kevin Joon-Ming Huang, PhD
Research Scientist of Materials Science and Engineering
Camden Hunt, PhD
Research Scientist of Materials Science and Engineering
Anna Jagielska, PhD
Research Scientist of Materials Science and Engineering
Alan F. Schwartzman, MS
Research Scientist of Materials Science and Engineering
Erik Verlage, PhD
Research Scientist of Materials Science and Engineering
Kazumi Wada, PhD
Research Scientist of Materials Science and Engineering

Professors Emeriti
Samuel Miller Allen, PhD
Professor Emeritus of Materials Science and Engineering
Ronald G. Ballinger, ScD
Professor Emeritus of Nuclear Science and Engineering
Professor Emeritus of Materials Science and Engineering
Robert W. Balluffi, ScD
Professor Emeritus of Materials Science and Engineering
Joel P. Clark, ScD
Professor Emeritus of Materials Science and Engineering
Merton C. Flemings, PhD
Toyota Professor Emeritus of Materials Science and Engineering
Linn W. Hobbs, DPhil
Professor Emeritus of Materials Science and Engineering
Professor Emeritus of Nuclear Science and Engineering
Ronald M. Latanision, PhD
Professor Emeritus of Materials Science and Engineering
Professor Emeritus of Nuclear Science and Engineering
Robert Michael Rose, ScD
Professor Emeritus of Materials Science and Engineering
David Roylance, PhD
Professor Emeritus of Materials Science and Engineering
Michael F. Rubner, PhD
TDK Professor Emeritus of Materials Science and Engineering
Donald Robert Sadoway, PhD
Professor Emeritus of Materials Chemistry
Subra Suresh, ScD
Vannevar Bush Professor Emeritus of Engineering
Edwin L. Thomas, PhD
Professor Emeritus of Materials Science
John B. Vander Sande, PhD
Professor Emeritus of Materials Science
Bernhardt Wuensch, PhD
Professor Emeritus of Ceramics
Sidney Yip, PhD
Professor Emeritus of Nuclear Science and Engineering
Professor Emeritus of Materials Science and Engineering