



STUDENTS

28 **1**
Ph.D M.S.

Candidates Candidate

Degrees Offered: M.S., Ph.D.

Admissions

We encourage prospective students to visit our website for admissions information

ABOUT THE INSTITUTE OF MATERIALS SCIENCE

UConn’s Institute of Materials Science (IMS) was established in 1965 as an advanced materials research center, providing superior graduate research education in the interdisciplinary fields of materials science and offering materials-related technical outreach to Connecticut’s industries. IMS operates and maintains extensive state-of-the-art instrumentation including a wide range of laboratories and support facilities that include a state-of-the-art clean room and a machine shop.

The IMS Materials Science Graduate Program addresses several areas of materials science research, including: alloy science, biomaterials, corrosion science, crystal science, dental materials, metallurgy, and polymer science. Students who find that the Materials Science & Engineering or Polymer Program do not meet their need can consider a position with the Materials Science Program.



CORE FACILITIES

- Chromatography (e.g. GPC, GC, HPLC)
- Electrical Insulation Research
- High Field Characterization
- Spectroscopy (e.g. UV, Raman, FTIR, MS)
- Mechanical Testing and Rheology
- Microscopy (e.g. AFM, SEM, TEM)
- Nano-Measurements
- Nuclear Magnetic Resonance
- Surface Analysis
- Thermal Analysis

PROGRAM DIRECTOR



Dr. Steven L. Suib
Board of Trustees Distinguished Professor of Chemistry
Director,
Institute of Materials Science
steven.suib@uconn.edu

FACULTY EXPERTISE

- 3D Imaging and Image Processing
- Biomedical/Biomimetic Materials
- CO₂ Conversion to High Energy Products
- Catalysis
- Ceramics
- Electronic Materials
- Materials Characterization
- Materials for Energy Systems
- Materials Modelling
- Microscopy
- Polymeric Materials and Processing
- Smart and Responsive Materials
- Sustainable Materials
- Tunable Dielectrics

CONTACT US

PROGRAM SITE

Visit our website for additional details about our program.

QUESTIONS

Contact Osker Dahabsu
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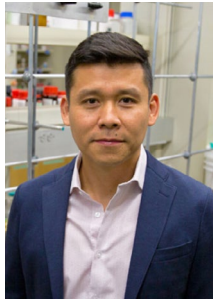
Institute of Materials Science
25 King Hill Road, Unit 3136
Storrs, CT 06269-3136



FACULTY ADVISORS



S. Pamir Alpay
V.P. for Research, Innovation
and Entrepreneurship
Distinguished Professor
of Materials Science and
Engineering



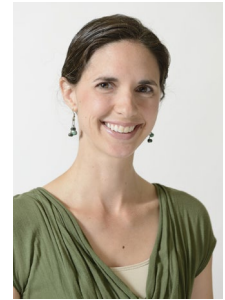
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Professor of Electrical and
Computer Engineering



Elena Dormidontova
Professor of Physics



Lesley Frame
Assistant Professor of
Materials Science and
Engineering



Bryan Huey
Department Head and
Professor of Materials
Science and Engineering



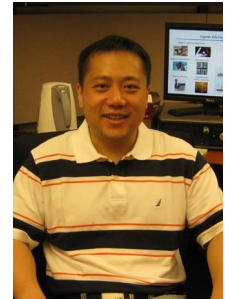
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Engineering



Radenka Maric
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Connecticut
Professor of Materials
Science and Engineering



Richard Parnas
Emeritus Professor of
Chemical and Biomolecular
Engineering



Yang Qin
Associate Professor of
Chemical and Biomolecular
Engineering



Leslie Shor
Professor of Chemical and
Biomolecular Engineering



Sina Shahbazzmohamadi
Assistant Professor of
Biomedical Engineering



Gregory Sotzing
Professor of Chemistry



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Luyi Sun
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