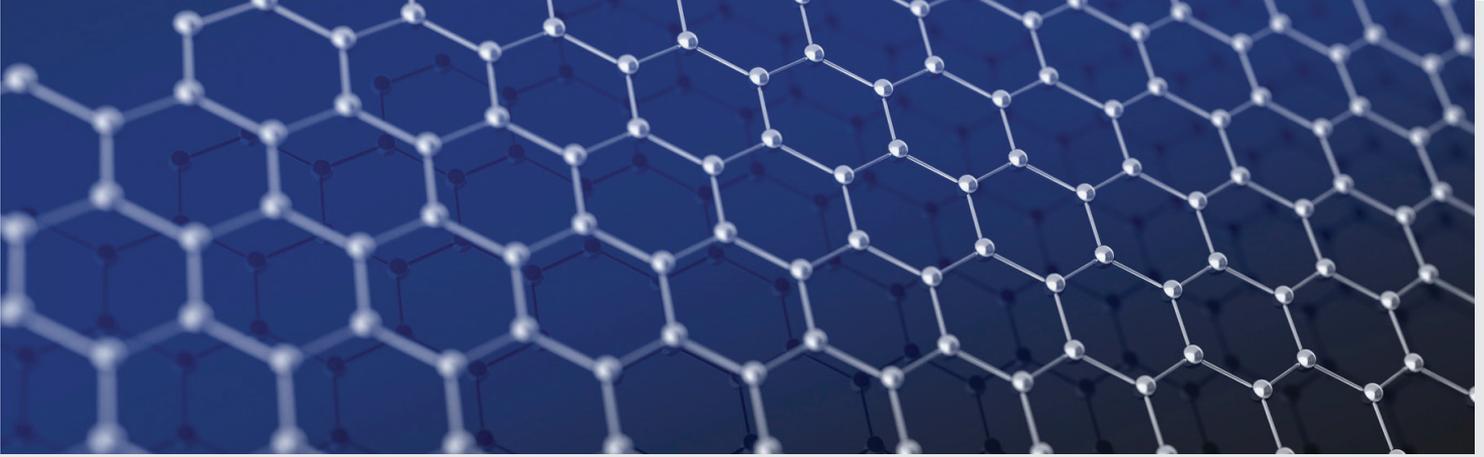


# MATERIALS SCIENCE AND NANO ENGINEERING

## GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES

### GRADUATE PROGRAMS



#### ABOUT THE PROGRAM

The Materials Science and Nano Engineering program (MAT) aims to provide its students with the theoretical and practical skills necessary for the understanding and design of engineered materials for applications in advanced technology of high environmental and societal impact. Addressing a broad spectrum of interests, from rheology of cement to materials for alternative energy, the MAT program members position their output as critical linkages between science/technology and industry. Augmented by the Technology Transfer Office and the entrepreneurial activities of the University, the students of our program graduate with the skills for i) identifying a high impact problem, ii) developing an innovative material/processing solution or improving an existing one, and iii) pursuing the implementation of their solution in industry or by themselves as entrepreneurs. To achieve these goals, a state-of-the-art research environment is available that embody research laboratories such as computational materials science, thin film processing, polymer and nanomaterials syntheses and materials characterization laboratories in addition to advanced facilities at research centers such as the Composite Technologies Center of Excellence (CTCE) and Sabancı University Nanotechnology Research and Application Center (SUNUM). The equipment and research experience as well as the world class education we provide to our students put our graduates at the forefront of their competition.

#### Research Areas

- Additive Manufacturing
- Advanced Composite Materials
- Carbon-based Materials
- Cement
- Circular Process Design
- Materials for Energy
- Polymers
- Smart Materials and Structures
- Semiconductor Interfaces
- Surface Science
- Theoretical and Computational Materials Science
- Zero-Energy Consumption Lighting Materials

#### Faculty Members

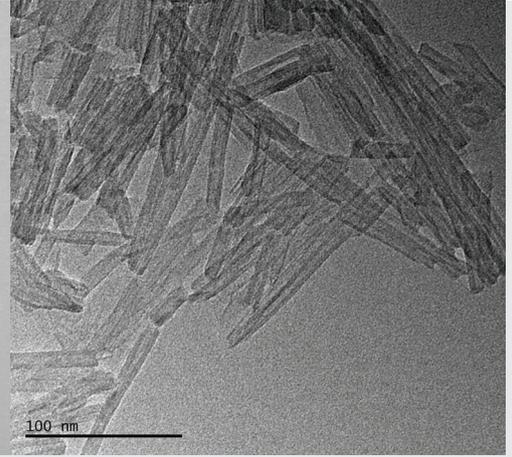
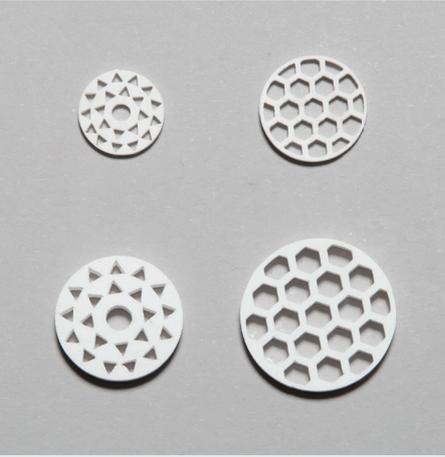
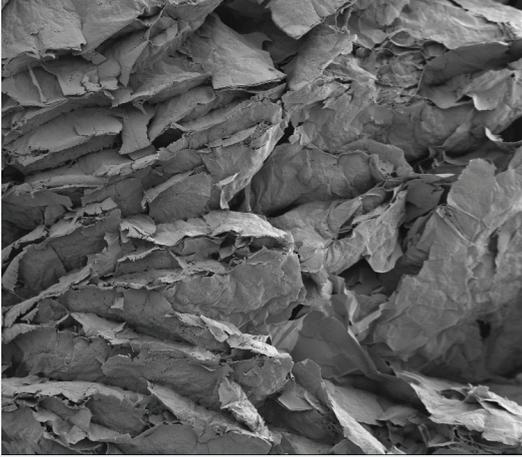
- Ali Rana Atılğan
- Alp Yürüm
- Bekir Dızman
- Burcu Saner Okan
- Burç Mısırlıoğlu
- Canan Atılğan
- Cleva Ow-Yang
- Emre Erdem
- Fevzi Çakmak Cebeci
- Gözde İnce
- Hatice Sinem Şaş Çaycı
- Mehmet Ali Gülgün
- Mehmet Yıldız
- Ongun Özçelik
- Özge Akbulut
- Selmiye Alkan Gürsel
- Serkan Ünal
- Yusuf Menciloğlu



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#### Benefits Provided for Graduate Students

- Full Tuition Waiver
- Monthly Stipend
- Housing/Transportation Support
- Private Health Insurance
- Conference Travel Funding
- Financial Incentives for Project and Research

#### Application Requirements

- Official Transcript
- Statement of Purpose
- Two Letters of Recommendation
- ALES or GRE Scores
- English Proficiency Exam  
(TOEFL (IBT) or YDS/e-YDS Scores)

#### Online Application

[admission.sabanciuniv.edu](http://admission.sabanciuniv.edu)

#### Contacts

Graduate Area Advisor

**Emre Erdem**

+90 (0216) 483 9881

[emre.erdem@sabanciuniv.edu](mailto:emre.erdem@sabanciuniv.edu)

#### For more information

[mat.sabanciuniv.edu](http://mat.sabanciuniv.edu)

[su-fens-gradoffice@sabanciuniv.edu](mailto:su-fens-gradoffice@sabanciuniv.edu)

