



JESSICA MAITA

GRADUATE ASSISTANT

RESEARCH INTEREST

Mechanical properties of amorphous boron (in-situ SEM and TEM). Mechanical properties of high interface density materials: nanocrystalline ceramics and multi-layered nanostructures. Development of in-situ micro-mechanical testing system with a long-range optical microscope.

EDUCATION

University of Connecticut
Ph.D. in Materials Science and Engineering

Rochester Institute of Technology
B.S. in Chemical Engineering

CONTACT

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PUBLICATIONS & PRESENTATIONS

- Golshadi, M., Maita, J., Lanza, D., Zeiger, M., Presser, V., and Schrlau, M. G. "Effects of Synthesis Parameters on Carbon Nanotubes Manufactured by Template-based Chemical Vapor Deposition." Carbon 80 (2014): 28-39. Web.
- Maita, J. M., Davis, J., Lee, S.-W. (2019, December). Role of Grain Boundaries in Plasticity and Fracture of MgAl₂O₄. Poster for MRS 2018 Fall Meeting, Boston, MA (Award Nominee)

ORGANIZATIONS & HOBBIES

Materials Research Society, President

MAY 2019-2020

Graduate Organization for Latinx Students, Secretary

AUG 2018-MAY 2019

Ecuadorian Student Association, Fundraising Chair

JAN - MAY 2019

OUTREACH

Danbury High School ConnCAP Graduate Panel

OCT 2017

McNair Scholars Graduate Mentor

SPRING 2018-2019

Explore Engineering Graduate Volunteer

SUMMER 2018-2019