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## Education

- 08/2021 – current:** Ph.D. student (advisor Prof. Deji Akinwande) Materials Science and Engineering Program and Texas Materials Institute, University of Texas at Austin, Austin, USA
- 01/2020 – 06/2020:** Visiting Student through Materials Exchange Program, University of Oxford, Oxford, UK
- 08/2017 – 06/2021:** S.B. Materials Science and Engineering, Massachusetts Institute of Technology, Cambridge, USA

## Awards & Honors

- 08/2021:** Virginia and Ernest Cockrell, Jr. Fellow, University of Texas at Austin
- 08/2021:** T. W. Whaley, Jr. Scholarship, University of Texas at Austin

## Professional Activities

### Publications

- 2022:** M. Floto\*, **N. Ignacio\***, R. Ciufo, D. Akinwande, C.B. Mullins, Hydrogen-Induced Surface Reconstruction of Co(poly) Studied by STM, *J. Phys. Chem. C* (2022) **Submitted**.

*\* Denotes equal contribution*

### Conferences

#### Posters

- 06/2022:** “Hydrogen-Induced Surface Reconstruction of Co(poly) Studied by STM”, 82<sup>nd</sup> PEC Meeting 2022, (Chicago, IL, USA)

### Member

Materials Research Society (MRS)

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American Physics Society (APS)

### Teaching Experience

Materials Engineering (ME334), Department of Mechanical Engineering, University of Texas at Austin (Summer 2022)

Introduction to Solid-State Chemistry (3.091), Department of Materials Science and Engineering, MIT, (Fall 2019)

### Service & Outreach

**08/2021 – current:** MIT Education Councilor (Interview prospective undergraduates)

**08/2020 – 06/2022:** First year associate advisor

**08/2020 – 06/2022:** Undergraduate associate advising steering committee member

**06/2020 – 06/2022:** Department Representative on DEI board of MIT Undergraduate Association

**08/2018 – 08/2021:** Department of Materials Science Freshmen Pre-orientation program mentor and coordinator

Last Updated July 2022