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Materials Science and Engineering Program and Texas Materials Institute

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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”,** 82nd PEC Meeting 2022, (Chicago, IL, USA)

**Member**

Materials Research Society (MRS)

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