WENZHI (WINSTON) WANG

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EDUCATION

University of Texas at Austin, Cockrell School of Engineering (Expected 2025)
Doctor of Philosophy, Chemical Engineering
Advisor: Professor Delia J. Milliron

Rice University, George R. Brown School of Engineering May 2020
Bachelor of Science (Cum Laude), Chemical and Biomolecular Engineering GPA: 3.81

RESEARCH/TEACHING EXPERIENCE

University of Texas at Austin, McKetta Department of Chemical Engineering
Graduate Student Researcher (Advisor: Prof. Delia J. Milliron) Oct 2020-Present

- Investigating conductive properties of nanocrystals and application towards proton exchange membranes

Rice University, Department of Chemistry
Undergraduate Researcher (Advisor: Prof. James M. Tour) May 2017 – May 2020

- Investigated the synthesis, optimization, and application of laser-induced graphene.
- Investigated the synthesis and optimization of flash graphene with metal oxides.

Rice University, Department of Chemicstry
Teaching Assistant, CHEM 212 Organic Chemistry II Aug 2017-Dec 2017

HONORS & AWARDS

1. Thomas H. and Dorothy M. Timmins Endowed Graduate Fellowship for 2020-2021
2. Peter R. Buenz Fellowship in Chemical Engineering for 2020-2021
3. William M. McCardell Scholarship for 2019-2020
4. Rice University President's Honor Roll: Fall 2016, Fall 2017 and Spring 2019

PUBLICATIONS

1. Chyan, Y.; Cohen, J.; Wang, W.; Zhang, C.; Tour, J. M. Graphene Art. *ACS Applied Nano Materials* **2019**, *2*(5), 3007–3011.
2. Stanford, M. G.; Li, J. T.; Chyan, Y.; Wang, Z.; Wang, W.; Tour, J. M. Laser-Induced Graphene Triboelectric Nanogenerators. *ACS Nano* **2019**, *13* (6), 7166–7174