



2026 Sigma Xi Research Award Winners Georgia Institute of Technology Chapter

FACULTY AWARDS

Sustained Research Award (with a certificate, a plaque, and \$6,000)

- **Konstantinos (Kostas) T. Konstantinidis**, Richard C. Tucker Professor, School of Civil and Environmental Engineering, ktk3@gatech.edu

Committee: Mark Prausnitz (ChBE), Chair; Facundo Fernández (Chem), Srinivas Garimella (ME), Dimitri N. Mavris (AE), Jianjun Shi (ISyE)

Best Paper Award (with a certificate, a plaque, and \$3,000 each)

- **Matthew T. McDowell**, Professor and Carter N. Paden, Jr. Distinguished Chair, George W. Woodruff School of Mechanical Engineering, School of Materials Science and Engineering, mattmcdowell@gatech.edu
- **Zhigang Jiang**, Professor, School of Physics, zhigang.jiang@physics.gatech.edu

Committee: Roman O. Grigoriev (Phys), Chair; Shu Jia (BME), Mark Borodovsky (BME)

Young Faculty Award (with a certificate, a plaque, and \$3,000 each)

- **Cong "Callie" Hao**, Assistant Professor, School of Electrical and Computer Engineering, callie.hao@ece.gatech.edu
- **Omobolanle Ogunseiju**, Assistant Professor, School of Building Construction, omobolanle@gatech.edu

Committee: Zeb Rocklin (Phys), Chair; Yue Chen (BME), Ahmet Coskun (BME)

STUDENT AWARDS

Best Ph.D. Thesis Award (with a certificate, a plaque, and \$1000 each)

- Jiehao Chen, School of Mechanical Engineering, Advisor: Yuhang Hu
- Po-Wei Huang, School of Chemical and Biological Engineering, Advisor: Marta Hatzell
- Anamik Jhunjhunwala, Department of Biomedical Engineering, Advisor: Stanislav Emelianov
- Biswadeep Chakraborty, School of Electrical and Computer Engineering, Advisor: Saibal Mukhopadhyay
- Alex Havrilla, School of Mathematics, Advisor: Wenjing Liao
- Jordan Kocher, School of Mechanical Engineering, Advisor: Shannon Yee and Akanksha Menon
- Mourin (Mo) Jarin, School of Civil and Environmental Engineering, Advisor: Xing Xie
- Yooree Grace Chung, Department of Biomedical Engineering, Advisor: Mark R. Prausnitz and C. Ross Ethier
- William Jonghoon Won, School of Electrical and Computer Engineering, Advisor: Tushar Krishna
- Yue (Scott) Guan, School of Aerospace Engineering, Advisor: Panagiotis Tsiotras

Committee: Arash Yavari (CEE), Chair; Patricia Mokhtarian (CEE), Ronghu Wu (CEE), Ravi Kane (ChBE), Sung Ha Kang (Math), Aditya Kumar (CEE), Bolei Deng (AE), Roshan Joseph (ISyE), Shreyes Melkote (ME)

Best M.S. Thesis Award (with a certificate, a plaque, and \$500)

- Chris Zuo, School of Mechanical Engineering, Advisor: David L. Hu
- Michael Hartin, School of Aerospace Engineering, Advisor: Cristina Riso

Committee: Xing Xie (CEE), Chair; Lynn Kamerlin (Chem), Donald R. Webster (CEE), Matthew McDowell (ME)

Best Undergraduate Research Award (with a certificate, a plaque, and \$250)

- Jonathan Feldman, School of Biological Sciences, Advisor: Jeffrey Skolnick
- Mickey Bresnahan, School of Mechanical Engineering, Advisor: Dan Kotlyar

Committee: Xing Xie (CEE), Chair; Lynn Kamerlin (Chem), Donald R. Webster (CEE), Matthew McDowell (ME)