

CLAUDIA KANN

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EDUCATION

California Institute of Technology	Pasadena, CA
Ph.D. in Social Sciences	In Progress
M.S. in Social Sciences, GPA: 3.9	2022
M.S. in Mechanical Engineering, PhD Candidate, GPA: 4.0	2019
Rice University	Houston, TX
B.S. in Mechanical Engineering, GPA: 3.8	2017

ARTICLES (PEER-REVIEWED)

- Reher, Jenna, [Claudia Kann](#), and Aaron D. Ames. "An inverse dynamics approach to control lyapunov functions." 2020 American Control Conference (ACC). IEEE, 2020.
- Tucker, Maegan, Ellen Novoseller, [Claudia Kann](#), Yanan Sui, Yisong Yue, Joel Burdick, and Aaron D. Ames. "Preference-based learning for exoskeleton gait optimization." 2020 IEEE international conference on robotics and automation (ICRA). IEEE, 2020.
- C.G. Rose, E. Pezent, [C.K.Kann](#), A.D. Deshpande, M.K. O'Malley., "Assessing Wrist Movement with Robotic Devices," in IEEE Transactions on Neural Systems & Rehabilitation Engineering (TNSRE), 2017
- C. G. Rose, [C. K. Kann](#), A. D. Deshpande, M. K. O'Malley., "Estimating Anatomical Wrist Joint Motion with a Robotic Exoskeleton," in IEEE Intl. Conf. on Rehab. Robotics (ICORR), 2017

WORKING PAPERS

- "Collective Identity in Collective Action: Evidence from the 2020 Summer BLM Protests" (with R. Michael Alvarez, Zachary Steinert-Threlkeld, and Sarah Hashash)

AWARDS & HONORS

IST/AWS AI4Science Cloud Credit Programs	2022
(Political Polarization, Geographic Sorting, and Novel Methods for Large Administrative Data)	
Cloud Computing Credits \$5,000	
GCP Research Credit	2022
(Tracking Protest Movements with Twitter)	
Cloud Computing Credits \$1,000	
First Year Award	2020
\$5,000 Stipend Supplement	
Big Ideas Fund	2019
\$75,000 in research funding for exoskeleton work	
National Science Foundation Graduate Research Fellowship (NSF GRFP)	2017 - 2020
Graduate Student Stipend \$138,000	
Henry L. Guenther Graduate Fellowship in Mechanical Engineering	2017
Distinction in Research and Creative Work , George R. Brown School of Engineering	2017
President's Honor Roll , Rice University	2015, 2016

PRESENTATIONS

- "Personal and Collective Identity in the 2020 Black Lives Matter Protests," Midwest Political Science Association. Chicago, IL, April 2022.

TEACHING ASSISTANT

Introduction to Political Science	SP 2022, FA 2021
A History of Budgetary Politics in the United States	SP 2022
Thermal System Design Course	FA 2016

UNDERGRADUATE ADVISING

- Sarah Hashash (SURF student, Summer 2021, Undergraduate Researcher AY 2021-2022)
- Sofia Kwok (SURF student, Summer 2019)
- Paulina Ridland (SURF student, Summer 2019)
- Allison Cheng (SURF student, Summer 2019)
- Diana Frias Franco (FSRI student, Summer 2019)
- Annabel Gomez (Caltech Freshman Summer Research Institute (FSRI) student, Summer 2019)
- Jesus Hernandez (Caltech Summer Undergraduate Research Fellowship (SURF) student, Summer 2018)