

# CHRISTOPHER TONNU JACKSON

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## EDUCATION

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### University of California, Berkeley

Ph.D. Chemistry, 2022

Advisor: Markita Landry

Thesis: Chemical Engineering of Nanomaterials for the Delivery of Biomolecular Cargo

### St. Edward's University

B.S. Chemistry, 2016

Mathematics Minor, Honors Program

## WORK EXPERIENCE

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### U.S. Senate, Office of Senator Tina Smith

AAAS Congressional Science & Technology Policy Fellow 2023 - Present

- Supporting legislative priorities related to energy, environment, and climate.
- Lead on policy related to industrial decarbonization, clean steel, critical minerals, and energy efficiency.

### U.S. Department of State, Office of Energy Programs

AIP Science & Technology Policy Fellow 2022 - 2023

- Supported international aid and technical assistance programs related to power sector and critical minerals governance within the Bureau of Energy Resources.
- Led research and program development for \$12 million in funding from the CHIPS and Science Act in support of critical mineral supply chains for semiconductor manufacturing.
- Managed contractors and engaged stakeholders on programs related to solar supply chain diversification, green hydrogen, industrial decarbonization, and clean energy deployment.

### University of California, Berkeley

Graduate Student Researcher 2017 - 2022

- Developed new synthetic techniques for the chemical functionalization of carbon nanotubes and studied their interactions with DNA and proteins in biological environments for sensing and gene delivery applications.

Graduate Student Instructor

2017 - 2021

- Held regular discussion sections and office hours to assist undergraduate students in introductory chemistry (Chemistry 1A/1AL).
- Supervised laboratory experiments and graded student work.

### St. Edward's University

Teaching Assistant 2014 - 2016

- Prepared reagents and chemical instrumentation for laboratory sessions, assisted students with their coursework and experiments, and graded student work.
- Courses: General Chemistry Lab, Analytical Chemistry Lab, Organic Chemistry II Lab, Chemical Instrumentation Lab, Thermodynamics & Kinetics, and Honors Ecology & the Environment.

Resident Assistant

2013 - 2016

- Responsible for up to 40 residents across three apartment buildings.
- Worked with fellow assistants and directors in the Office of Residence Life to develop programs and techniques for study, recreation, social, and educational development.

Supplemental Instruction Leader

2013 - 2015

- Planned and lead supplemental group instruction sessions in analytical chemistry with students.

- Wrote practice exams and study material.

### **NASA Marshall Space Flight Center**

Research Intern

June - August 2015

- Investigated xero- and aero-gels composed of silica, alumina, and carbon impregnated with various metals for the catalysis of carbon dioxide reduction in the Bosch process as part of the Environmental Control and Life Support System Division.

### **Stanford Linear Accelerator Center National Laboratory**

Science Undergraduate Laboratory Intern

June - August 2014

- Investigated methylammonium lead iodide perovskite solar cells with a focus on ideal synthesis and deposition parameters for high crystallinity and film coverage.

## **LEADERSHIP & PROGRAM DEVELOPMENT EXPERIENCE**

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### **Engineers & Scientists Acting Locally**

2018 - Present

Treasurer (2023 - Present)

- Serve as custodian of the organization's funds, maintain financial records, and manage financial reporting requirements.

Steering Committee (2021 - Present)

- Participate in strategic planning for a national 501(c)(3) organization dedicated to providing the resources for people with STEM backgrounds to increase their local civic engagement.

Workshops Director (2020 - Present)

- Built and manage an inaugural team of seven volunteers developing customized training materials, including more than 20 annual workshops.
- Organize panels and workshop sessions for both virtual and in-person scientific conferences, including recruiting and managing speakers and facilitators.
- Lead content and creative development of a new video module training program.

Content Team (2018 - 2020)

- Wrote articles for the blog, particularly focused on step-by-step guides for getting started in local science policy and advocacy as part of the Local Engagement Playbook.

### **Clean Energy Leadership Institute**

2022 - Present

Selection Committee (2023 - Present)

- Review applications and interview candidates to select new fellow cohorts.

Fellow (2022)

- Participant in CELI's signature fellowship program for emerging leaders focusing on technical knowledge, leadership development, and community building to accelerate the transition to a clean energy economy.

### **National Science Policy Network**

2019 - 2022

Western Hub Chair (2021 - 2022)

- Served on a national leadership team providing resources for early career scientists and engineers to engage in policy.
- Lead a community of 16 student chapters and over 300 members across the Western United States to facilitate collaborative advocacy initiatives, science policy training, and networking opportunities.

### **Berkeley Energy & Resources Collaborative**

2018 - 2022

Advisory Board (2021 - 2022)

- Provided guidance and long-term strategic advice for the organization's student leadership.

Co-President (2020 - 2021)

- Led a multidisciplinary 50-person student leadership team to host educational programming, networking, and career exploration opportunities related to energy and climate.

- Served as the primary liaison between the student leadership, advisory board, sponsors, and institutional partners.
- Led keynote outreach for our annual Energy Summit conference.

Energy Summit Director (2019 - 2020)

- Worked as part of a student team to plan and execute a two-day, 500-attendee conference and career fair focused on energy and climate.
- Organized panels and workshops related to electric utility wildfire response, carbon taxes, and Green New Deal-style energy policy.

Chemistry Department Liaison (2018 - 2019)

- Connected graduate students in chemistry with opportunities in energy and resources.

**Science Policy Group at Berkeley**

2018 - 2022

President (2020 - 2021)

- Led a five-person leadership team to facilitate science policy programming, including guest speakers, hands-on training, professional development, and networking.

Vice President of Internal Affairs (2018 - 2020)

- Collated opportunities in science policy and communication and wrote a weekly newsletter.
- Assisted with programming including our STEM Voter Information Night and Science Meets Science speaker and writing series.

## COMMUNICATION & ADVOCACY EXPERIENCE

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**The Journal of Science Policy & Governance**

2019 - 2020, 2021 - 2023

Associate Editor

- Review submissions of policy analyses, op-eds, and memos for acceptance in an internationally recognized, open-access peer-reviewed publication led by early career researchers.
- Work with an average of four accepted authors per year in a multi-stage, collaborative editing process to improve their submissions for publication.

**SciTech Forefront**

2021 - 2023

Associate Editor

- Reviewed and provided feedback on submissions for a Medium-based publication, including policy analyses, memos, and op-eds related to science and technology policy.

**Berkeley Science Review**

2018 - 2022

Blog Editor (2020 - 2022)

- Reviewed article submissions and worked with authors in a collaborative editing process for a graduate-student run magazine highlighting research at UC Berkeley.

Author (2018 - 2019)

- Wrote two long-form, feature-length articles for the magazine focused on metal-organic frameworks and the disparate health impacts of air pollution.

**UC Berkeley Asian American and Pacific Islander Standing Committee**

2020 - 2022

Student Subcommittee Co-Lead

- Organized focus groups, community building, and provided recommendations to senior leadership addressing the needs of AAPI students, staff, and faculty members on campus.

**UC Berkeley Office for Graduate Diversity**

2021 - 2022

Diversity & Community Fellow

- Supported an inclusive graduate student experience through programming focused on community building and professional development among historically underrepresented students.

**UC Berkeley Graduate Assembly**

2019 - 2022

Department of Chemistry Delegate

- Represented the interests of graduate students on campus and work to foster a vibrant, inclusive graduate student community.
- Served on the Graduate Assembly Equity and Inclusion Committee and the UC Berkeley Advisory Committee for Graduate Student Instructor Affairs.

### **American Chemical Society Students on Climate Change**

Student Representative to the UN COP 21

2015 - 2016

- Attended the UNFCCC COP 21 as a student representative of the American Chemical Society.
- Used blogs and social media to promote climate literacy and enhance discourse on climate change among college students.

## **VOLUNTEER EXPERIENCE**

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### **Father Ray Foundation**

Volunteer

January - July 2017

- Taught English classes and hosted an English speaking club at the Redemptorist Vocational School for People with Disabilities in Pattaya, Thailand.
- Volunteered with children and assisted students with swimming and other activities at the Pattaya Redemptorist School for the Blind.

### **Annie Dawson Home for Children**

Volunteer

September - December 2016

- Helped coordinate activities and tutoring for fifteen girls from ages 6-16 at a girls home in Kingston, Jamaica.
- Assisted with finances, fundraising, and grant writing.

## **SCIENTIFIC PUBLICATIONS**

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4. **Jackson, C.**, Wang, J., González-Grandío, E., Goh, N., Mun, J., Krishnan, S., Geyer, F., Keller, H., Ebert, S., Molawi, K., Kaiser, N., Landry, M.P. “Polymer-Conjugated Carbon Nanotubes for Biomolecule Loading”, *ACS Nano*. 2021. [DOI:10.1021/acsnano.1c06343](https://doi.org/10.1021/acsnano.1c06343).
3. González-Grandío, E., Demirer, G., **Jackson, C.**, Yang, D., Ebert, S., Molawi, K., Keller, H., Landry, M.P. “Carbon nanotube biocompatibility in plants is determined by their surface chemistry”, *Journal of Nanobiotechnology*. 2021. [DOI:10.1186/s12951-021-01178-8](https://doi.org/10.1186/s12951-021-01178-8).
2. **Jackson, C.**, Jeong, S., Dorlhiac, G., Landry, M.P. “Advances in Engineering Near Infrared Luminescent Materials”, *iScience*. 2021. [DOI:10.1016/j.isci.2021.102156](https://doi.org/10.1016/j.isci.2021.102156).
1. Demirer, G., Silva, T., **Jackson, C.**, Thomas, J., Ehrhardt, D., Rhee, S., Mortimer, J., Landry, M.P. “Nanotechnology to advance CRISPR/Cas genetic engineering of plants”, *Nature Nanotechnology*. 2021. [DOI:10.1038/s41565-021-00854-y](https://doi.org/10.1038/s41565-021-00854-y).

## **POLICY MEMOS, ESSAYS, & REPORTS**

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\*Denotes equal contribution

14. Guggenheim, B., Jeanty, C., **Jackson, C.**, Yue, C., Mibu, D., Yadav, R., Rovner, S., Olutosin, Y. “Just Transition Financing Strategy: Climate-for-Debt Swaps, Carbon Tariffs, and Blended Finance”, *Emerging Leaders for Climate Action*. 2023. [Link](#).
13. Torsten, J., Cordova, K.E., **Jackson, C.**, Hernández-Mondragón, A.C., Davids, B.L., Raheja, L., Milić, J.V., Borges, J. “Engaging Early-Career Scientists in Global Policy-Making”, *Angewandte Chemie*. 2023. [DOI: 10.1002/anie.202217841](https://doi.org/10.1002/anie.202217841).
12. **Jackson, C.**, Irfan, A. “A bottom-up diplomatic strategy to build clean technology partnerships and tackle the climate crisis”, *SciTech Forefront*. 2022. [Link](#).

11. **Jackson, C.**, Alur, A., Miller, M., Gardias, J. “Streamlining Federal Environmental Permitting: Recommendations to Expedite Renewable Energy Development in the United States”. Berkeley’s Goldman School Renewable Energy Report. 2022. [Link](#).
10. **Jackson, C.** “Putting the Public in Public Utilities Commissions”, *Issues in Science and Technology*. 2021, 38, 1. [Link](#).
9. Brink, K., Tripathi, S., Arora, A.\*, **Jackson, C.\***, Schwarber, A.\*, Tan, M.\* “Rethinking Immigration Policy for the Future of the American STEM Workforce”, *SciTech Forefront*. 2021. [Link](#).
8. Chintam, K., **Jackson, C.**, Dunn, F.\*, Hall, C.\*, Nathan, S.\*, Navarro-Serer, B.\* “A Concerted and Equitable Approach to Managed Retreat”, *Issues in Science and Technology*. 2021, 37, 4. [Link](#).
7. **Jackson, C.** “Expanding access to electric vehicles in California’s low-income communities”, *Journal of Science Policy & Governance*. 2021, 18, 1. [DOI:10.38126/JSPG180107](https://doi.org/10.38126/JSPG180107).
6. Borth, L.\*, Gilfarb, R.\*, Hsain, A.\*, **Jackson, C.\***, Lolinco, A.\*, Meyrueix, L.\*, Nathan, S.\*, Schmehl, M.\*, Upadhyay, P.\* “Navigating Conferences to Enhance Science Diplomacy and Communication in the Post-COVID-19 Era”, *MediArXiv*. 2021. [DOI:10.33767/osf.io/a28ku](https://doi.org/10.33767/osf.io/a28ku).
5. **Jackson, C.** “Prioritizing Battery Storage to Bolster US National Security”, *Inkstick Media*. 2021. [Link](#).
4. Irfan, A., Arora, A., **Jackson, C.**, Valencia, C. “Inclusive Policymaking Tools: A COVID-19 Pandemic Case Study”, *Journal of Science Policy & Governance*. 2020, 17, 1. [DOI: 10.38126/JSPG170112](https://doi.org/10.38126/JSPG170112).
3. Hartman, S.\*, Horner, W.\*, **Jackson, C.\***, Kovak, E.\*, Velan, V.\* “Streamlining USDA Regulation of Gene Editing to Benefit US Agriculture”, *Journal of Science Policy & Governance*. 2020, 17, 1. [DOI: 10.38126/JSPG170108](https://doi.org/10.38126/JSPG170108).
2. **Jackson, C.**, Velan, V., Livingston, M., Lee, E., Huynh, K., Eckert, R. “Establishing Privacy Advisory Commissions for the Regulation of Facial Recognition Systems at the Municipal Level”. 2020. [Link](#).
1. Sullivan, E.\*, **Jackson, C.\***, Broberg, D., O’Dair, M., Velan, V. “California Lawmakers Should Take Action to Mitigate the Effects of the 2019 PG&E Bankruptcy”. 2019. [Link](#).

## OP-EDS & BLOGS

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\*Denotes equal contribution

12. **Jackson, C.** “Policymakers’ Harmful Anti-China Obsession”, *The Scientist*. 2021. Editorial. [Link](#).
11. Chintam, K., Brown, J.\*, Canter, B.\*, Dudek, R.\*, Fiori, M.\*, Hall, S.\*, **Jackson, C.\***, Nathan, S.\*, Navarro-Serer, B.\*, Schmehl, M.\*, Tan, M.\*, Ward, M.\*, Warlick-Short, C.\*, Warner, I.\* “Science Policy Can’t Be Simply about Science”, *Scientific American*. 2021. Editorial. [Link](#).
10. Irfan, A., **Jackson, C.**, Arora, A. “We Must Enhance—but also Decolonize—America’s Global Health Diplomacy”, *Scientific American*. 2021. Editorial. [Link](#).
9. **Jackson, C.\***, Tan, M.\* “The Science Policy Community’s Responsibility to Address Anti-Asian Xenophobia”, *Union of Concerned Scientists*. 2021. Blog. [Link](#).
8. Shearer, A., Paredes, I., Ahmad, T., **Jackson, C.** “Yes, Science Is Political”, *Scientific American*. 2020. Editorial. [Link](#).
7. Tan, M., **Jackson, C.** “Celebrate the Nobel Prize Winning Immigrant Scientists — But Not at the Expense of the Greater Immigrant Community”, *Union of Concerned Scientists*. 2020. Blog. [Link](#).
6. **Jackson, C.** “Vote-by-Mail: An Accessibility Issue”, *National Science Policy Network*. 2020. Blog. [Link](#).

5. **Jackson, C.** “The scientific community’s fight for immigrants isn’t over yet”, *Massive Science*. 2020. Editorial. [Link](#).
4. **Jackson, C.** “As immigrant scientists advance lifesaving research, lawmakers must protect them”, *The Daily Californian*. 2020. Editorial. [Link](#).
3. **Jackson, C.** “Local Engagement Playbook: Advocate for a Policy with State Legislators or Legislative Staff”, *Engineers & Scientists Acting Locally*. 2019. Step-by-step guide. [Link](#).
2. **Jackson, C.** “Local Engagement Playbook: Support a Local Ballot Measure”, *Engineers & Scientists Acting Locally*. 2018. Step-by-step guide. [Link](#).
1. **Jackson, C.** “Nobel laureates need to reflect diversity of STEM fields”, *The Daily Californian*. 2018. Editorial. [Link](#).

## OTHER PUBLICATIONS

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6. **Jackson, C.** “An Interview with Professional in Residence Jodi Yellin: Supporting the healthcare and biomedical research workforce”, *QB3-Berkeley*. 2021. Interview. [Link](#).
5. **Jackson, C.** “Nano-sized sensors learn new biological tricks”, *QB3-Berkeley*. 2020. News feature. [Link](#).
4. **Jackson, C.** “Carbon-powered inequality: The science behind pollution and social disparities”, *Berkeley Science Review*. 2019, 35, 17-21. Magazine feature. [Link](#).
3. **Jackson, C.** “A breath of fresh air: Using metal-organic frameworks to solve real-world problems”, *Berkeley Science Review*. 2018, 33, 14-19. Magazine feature. [Link](#).
2. **Jackson, C.** “Climate Change: Global Inequalities and Poverty” in *Climate Change Literacy and Education: Social Justice, Energy, Economics, and the Paris Agreement Volume 2*. ACS Symposium Series 1254. 2017, Ch. 3, 25-39. DOI: [10.1021/bk-2017-1254.ch003](https://doi.org/10.1021/bk-2017-1254.ch003).
1. **Jackson, C.** “The Inequalities of Climate Change and Poverty: Impact Analysis and Potential Solutions”, *Inquiries Journal*. 2017, 9, 3. [Link](#).

## PRESENTATIONS & WORKSHOPS

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42. **Jackson, C.** “A Seat at the Table: Serving on Boards & Commissions”. National Society of Black Engineers Public Policy Special Interest Group. September 2023.
41. **Jackson, C.**, DiTusa, M. “Engaging with Local Science Policy Issues”. AGU Voices for Science Program. September 2023.
40. **Jackson, C.**, DiTusa, M. “Speaking up for science in your local community”. Ecological Society of America. June 2023.
39. **Jackson, C.** “Engaging Locally: Science Policy Close to Home”. Christine Mirzayan Science & Technology Policy Graduate Fellowship Program. May 2023.
38. Garg, A., Spicer, T., **Jackson, C.**, Zamzow, K. “Scientists as civic participants: local government engagement”. AAAS Science & Technology Policy Fellowship Program. May 2023.
37. DiTusa, M., Palakovich Carr, J., Tokita, C., **Jackson, C.** “Advocate for a Policy with State Legislators or Legislative Staff”. Engineers & Scientists Acting Locally. April 2023.
36. **Jackson, C.**, Bogard, G. “Making your voice heard with public comments”. National Science Policy Network. April 2023.
35. **Jackson, C.**, Pitts, H. “Engaging with Local Science Policy Issues”. NIH Science Policy Discussion Group. February 2023.

34. **Jackson, C.**, Owen, R., Boomsma, C. “Local Civic Engagement Opportunities for Agronomy, Crops, and Soil Scientists”. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America International Annual Meeting. November 2022.
33. Garg, A., **Jackson, C.** “Engagement and Advocacy in Science Policy”. Texas Academy for Marine Policy. November 2022.
32. Bogard, G., Kundrod, K., **Jackson, C.** “Accelerate Your Advocacy: Delivering Public Comments”. Engineers & Scientists Acting Locally. October 2022.
31. **Jackson, C.**, Pitts, H. “A Seat at the Table - Joining Governmental Boards and Commissions”. Aerospace Systems Conference, National Society of Black Engineers. October 2022.
30. **Jackson, C.** “Delivery of Biomolecules to Intact Plant Cells via Carbon Nanoparticles”. BASF Spring 2022 CARA Project Review Meeting. May 2022.
29. **Jackson, C.**, Xu, N. “Building Trust Through Local Policy Engagement”. Oklahoma Policy Engagement Network. April 2022.
28. **Jackson, C.**, Pitts, H. “Making a difference with science policy”. UC Berkeley Science Leadership & Management. April 2022.
27. **Jackson, C.**, Garg, A. “Balancing technology and privacy in local community policymaking”. Mozfest. March 2022.
26. **Jackson, C.**, Garg, A. “Skills for Science: Science Policy in Action–Taking the First Step”. AGU Fall Meeting. December 2021.
25. **Jackson, C.**, Xu, N. “Scientists as Civic Participants: Local Actions to Address Global Crises”. National Science Policy Symposium. November 2021.
24. **Jackson, C.**, Garg, A. “Paths to Science Policy Engagement in Your Local Community”. Sigma Xi Annual Meeting. November 2021.
23. Xu, N., **Jackson, C.** “Scientists as Civic Participants: Equity Through Local Engagement”. Inclusive SciComm Symposium. October 2021.
22. **Jackson, C.**, Garg, A. “Using Tech for Local Civic Engagement”. A BETTER TECH Convention + Career Fair. October 2021.
21. **Jackson, C.**, Garg, A. “Finding the local connection: Tackling science policy close to home”. National Science Policy Network. October 2021.
20. **Jackson, C.** “Bringing science to policymakers”. MolBio Symposium, Heidelberg University. September 2021.
19. **Jackson, C.**, Xu, N. “Using Science Policy to Engage your Local Community”. University of Cincinnati Science Policy Group. September 2021.
18. **Jackson, C.** “Policy is personal: Engaging in your local community”. Reclaiming STEM. August 2021.
17. Garg, A., **Jackson, C.** “Scientists as Civic Participants: Engaging Local Government & Communities”. Science Policy Boot Camp, Sigma Xi & North Carolina Sea Grant. July 2021.
16. **Jackson, C.**, Xu, N. “Science Policy Starts at Home: Engaging in your Local Community”. National Science Policy Network Central Hub Retreat. May 2021.
15. **Jackson, C.** “How to Become a STEM Policy Advocate”. UC Berkeley Society of Women Engineers Advocacy Speaker Series. April 2021.
14. **Jackson, C.**, Xu, N. “Tackling Local Issues With Science Policy”. STGlobal Conference. April 2021. [Link](#).



13. **Jackson, C.**, Zamzow, K. “Finding Your Voice: Using Science to Engage Local Government & Communities”. Caltech Letters & Caltech Y. March 2021.
12. Garg, A., **Jackson, C.** “Scientists As Citizens: Engaging Local Government & Communities”. North Carolina Research Campus Catalyst Group. December 2020.
11. Irfan, A., Arora, A., **Jackson, C.**, Valencia, C. “Inclusive Policymaking Tools”. National Science Policy Network Diversi(tea) Webinar. December 2020. [Link](#).
10. Garg, A., **Jackson, C.** “Scientists As Citizens: Equity Through Local Engagement”. National Science Policy Symposium. November 2020.
9. **Jackson, C.** “Expanding access to electric vehicles in California’s low-income communities”. National Science Policy Symposium. November 2020. [Link](#).
8. Velan, V., **Jackson, C.** “Modernizing agricultural gene-editing regulations for equitable participation”. National Science Policy Symposium. November 2020. [Link](#).
7. Garg, A., Zamzow, K., **Jackson, C.** “Scientists As Citizens: Local Government Engagement”. Society Civic Science Initiative. October 2020.
6. Zamzow, K., **Jackson, C.** “Scientists As Citizens: Getting Involved with Local Government”. Ecological Society of America Webinar. September 2020.
5. Garg, A., **Jackson, C.**, Diasio, M. “Scientists As Citizens: Local Engagement”. National Science Policy Symposium. November 2019.
4. **Jackson, C.**, Velan, V. “Bridging the Gap Between Scientists and Policymakers”. UC Berkeley Summer Undergraduate Research Fellowships Program. July 2019.
3. **Jackson, C.** “Exploring the Growth & Optical Properties of Atomically Thin Perovskite Nanocrystals”. Graduate Research Conference at UC Berkeley. March 2019.
2. **Jackson, C.**, Mackelprang, B., Bremer, A., Lee, E. “Communicating Science Policy”. swissnex Science Studio Storytelling Lab. November 2018.
1. **Jackson, C.** “Climate Change and Poverty: Global Inequalities”. American Chemical Society National Meeting. March 2016.

## PANELS & FIRESIDE CHATS

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22. “Taking the Next Step: How to Get Your Foot in the Door for Federal Policy Making.”. American Association for the Advancement of Science Annual Meeting. February 2024. *Panelist*.
21. “The Role of Early Career Scientists in Shaping Global Policies”. International Younger Chemists Network. October 2023. *Panelist*.
20. “COVES Fellowship Orientation”. Virginia Academy of Science, Engineering and Medicine. May 2023. *Panelist*.
19. “Pathways to Success for Early Career Scientists and Engineers in Public Policy”. American Association for the Advancement of Science Annual Meeting. March 2023. *Moderator*.
18. “COVES Fellowship Orientation”. Virginia Academy of Science, Engineering and Medicine. May 2022. *Panelist*.
17. “How to Engage in Science Policy”. Virginia Science Policy Bootcamp. March 2022. *Panelist*.
16. “Public Sector / Nonprofit”. Beyond Academia Conference. February 2022. *Moderator*.
15. “Resources for Early Career Scientists Catalyzing Policy Change”. American Association for the Advancement of Science Annual Meeting. February 2022. *Panelist*.



14. “Injecting Science into Local Decision-Making”. American Association for the Advancement of Science Annual Meeting. February 2022. *Moderator*.
13. “Science Policy Writing Pieces: What/Why/How”. Science Policy and Advocacy Network at UC Irvine. January 2022. *Panelist*.
12. “Graduate School Application Workshop”. UC Berkeley AChE. October 2021. *Panelist*.
11. “Science Policy & Advocacy Engagement at the Local Level”. Science Policy & Advocacy Certificate Program for STEM Scientists. UC Irvine GPS-STEM. September 2021. *Panelist*.
10. “Becoming an Effective Science Advocate on Campus and Beyond”. Reaching the Peak: A Science & Technology Career Summit. Research!America. June 2021. *Panelist*. [Link](#).
9. “COVES Fellowship Orientation”. Virginia Academy of Science, Engineering and Medicine. May 2021. *Panelist*.
8. “Earth Day 2021 Virtual Festival”. Earth Day Initiative & March For Science NYC. April 2021. *Panelist*. [Link](#).
7. “Beyond the Bench: Fellowship Opportunities in Science Policy”. Science Policy Group at Berkeley. April 2021. *Moderator*. [Link](#).
6. “Inclusive Policy Making Tools and Analysis”. Science Policy Memo Writing Workshop Series. Journal of Science Policy & Governance & National Science Policy Network. March 2021. *Facilitator*.
5. “Fireside Chat with Helen Zia”. UC Berkeley Asian Pacific Islander Issues Conference (APIICON). March 2021. *Moderator*. [Link](#).
4. “Growing New Ideas in the National Security Space”. Women of Color Advancing Peace and Security (WCAPS) Redefining National Security Initiative & New America’s New Models of Policy Change Initiative. March 2021. *Panelist*. [Link](#).
3. “Science communication as a tool for training the next generation of influencers”. American Association for the Advancement of Science Annual Meeting. February 2021. *Panelist*.
2. “Science Policy Starts at Home: Engaging at the State and Local Level”. American Geophysical Union Fall Meeting. December 2020. *Panelist*.
1. “Beyond the Bench: Scientists Shaping State and Local Policy”. American Chemical Society and Engineers & Scientists Acting Locally. September 2020. *Panelist*. [Link](#).

## POSTERS

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8. Karia, P., Dwyer, W., MacDonald, O., Ginzburg, D., Davis, D., **Jackson, C.**, Blaby, I., Mortimer, J., Landry, M.P., Ehrhardt, D., Rhee, S. “High-Throughput Determination of a Subcellular Metabolic Network Map of Plants”. Department of Energy Biological System Sciences Division Principal Investigator Meeting. February 2022.
7. **Jackson, C.**, Davis, D., Silva, T., Karia, P., Jha, S., Demirer, G., Dwyer, W., MacDonald, O., Ginzburg, D., Aquino, C., Ehrhardt, D., Rhee, S., Mortimer, J., Landry, M.P. “Nanoparticle-Mediated Transformation of Sorghum towards the Determination of a Subcellular Metabolic Network Map”. Department of Energy Biological System Sciences Division Principal Investigator Meeting. February 2022.
6. Chintam, K., **Jackson, C.**, Dunn, F., Hall, C., Nathan, S., Navarro-Serer, B. “Equitable Policies for Climate-Induced Migration”. AGU Fall Meeting. December 2021.
5. **Jackson, C.**, Grandio, E., Wang, J., Demirer, G., Goh, N., Landry, M.P. “Delivery of functional genetic elements without DNA integration in plants”. BASF CARA Fall Meeting. November 2021.

4. **Jackson, C.**, Grandio, E., Wang, J., Demirer, G., Goh, N., Landry, M.P. “Delivery of functional genetic elements without DNA integration in plants”. BASF CARA Spring Meeting. April 2021.
3. **Jackson, C.**, Silva, T., Demirer, G., Thomas, J., Aquino, C., Ehrhardt, D., Rhee, S., Mortimer, J., Landry, M.P. “Nanoparticle-Mediated Transformation of Sorghum towards the Determination of a Subcellular Metabolic Network Map”. Department of Energy Biological System Sciences Division Principal Investigator Meeting. February 2021.
2. Grandio, E., **Jackson, C.**, Wang, J., Demirer, G., Goh, N., Landry, M.P. “Delivery of functional genetic elements without DNA integration in plants”. BASF CARA Fall Meeting. October 2020.
1. Sullivan, E., **Jackson, C.**, Broberg, D., O’Dair, M., Velan, V. “Adapting the California Grid for Wildfire Safety: Recommendations for lawmakers after the 2019 PG&E bankruptcy”. National Science Policy Symposium. November 2019.

## PODCASTS

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3. “Retreating from Climate Disaster in the United States”. Changing Climate, Changing Migration. Migration Policy Institute. October 2021. [Link](#).
2. “Biden’s Nuclear Policy”. Early Warning, Press the Button. Ploughshares Fund. August 2021. [Link](#).
1. “Environmental Policies for Education, Agriculture, & Preservation”. Season 3, Episode 5, SciPol SoundBites. Journal of Science Policy & Governance. February 2021. [Link](#).

## HONORS AND AWARDS

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2024	R Street Congressional Fellowship in Energy and Environmental Policy ( <a href="#">About</a> )
2023	Aspen Institute Future Leaders Climate Initiative ( <a href="#">About</a> )
2023	AAAS Congressional Science & Technology Policy Fellowship ( <a href="#">About</a> )
2023	Department of State Meritorius Honor Award ( <a href="#">About</a> )
2023	Emerging Leaders for Climate Action Program ( <a href="#">About</a> )
2022	AIP State Department Science & Technology Policy Fellowship ( <a href="#">About</a> )
2022	Clean Energy Leadership Institute Fellowship ( <a href="#">About</a> )
2021	Research!America Op-Ed Competition - 2 <sup>nd</sup> place
2021	UC Berkeley Diversity & Community Fellowship ( <a href="#">About</a> )
2021	National Science Policy Network Professional Development Award
2020	Cleantech to Market Symposium, People’s Choice Award ( <a href="#">About</a> )
2020	UC Center Sacramento STEM Solutions in Public Policy Award Competition - Semi-Finalist
2020	New America New Models of Policy Change Essay Competition - Winner ( <a href="#">About</a> )
2019	National Science Policy Symposium Travel Grant
2018	UC San Francisco Science Policy Group Op-Ed Writing Contest - 1 <sup>st</sup> place
2017	National Science Foundation Graduate Research Fellowship
2015	American Chemical Society Student Leadership Award

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