

OLIVER CHAPMAN

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EDUCATION

Georgia Institute of Technology, GA

Doctor of Philosophy (PhD), Public Policy – Energy Systems (*Expected 2026*)

Master of Science (MS), Public Policy Analysis (*2021*)

University of Kent, United Kingdom

Bachelor of Arts (BA), History with Honors (*2019*)

Indiana University Bloomington, IN

Exchange Program – History, Economics, Politics (*2017-2018*)

ACADEMIC & RESEARCH EXPERIENCE

Brook Byers Institute for Sustainable Systems, Atlanta, GA

Graduate Fellow (Aug 2022 – July 2024)

- Awarded one of 5 competitively selected two-year, fully funded fellowship supporting interdisciplinary sustainability leadership.
- Resolved team challenges by leading the group to identify common goals and share time management schedules, fostering collaboration and coordination of effective team efforts.

Climate and Energy Policy Laboratory, Atlanta, GA

Research Assistant (Jun 2020 – Present)

- Conduct survey-based research and applied modeling techniques under Dr. Marilyn Brown, focusing on energy sector decarbonization and policy analysis.
- Designed and launched the Drawdown Georgia Solutions Tracker, an interactive dashboard that monitors the diffusion of Georgia's 20 most promising climate solutions.
- Developed and created the Drawdown Georgia Climate Solutions Game, an educational card game designed to engage and inform players about climate action strategies.

Georgia Institute of Technology, Atlanta, GA

Graduate Teaching Assistant (Jan 2022 – May 2022, Jan 2025-Present)

- Assisted in **PUBP 6701 & 6352**, facilitating discussions, grading assignments, managing student engagement.

PUBLICATIONS

Peer-Reviewed Journal Articles

- Sharma, V., Roney, S. H., Olaomo, O., Chapman O., Fernández, C. A., Chang, M. (2024) *Pursuing multifaceted-disciplinarity to enrich the future of justice in sustainability science*. **iScience**, **27(8)**.
- Fernandez, C., Chapman, O., Brown, M., & Hatzell, M. (2024). *Achieving Decentralized, Electrified, and Decarbonized Ammonia Production*. **Environmental Science & Technology**, **58(16)**.
- Cha, M., Struthers, C., Brown, M. A., Kale, S., & Chapman, O. (2024). *Toward Residential Decarbonization: Social-Psychological Drivers of Co-Adoption of Rooftop Solar, EVs, and HVAC Systems in Georgia, U.S.* **Renewable Energy**, **226**.
- Brown, M. A. & Chapman, O. (2023). *The Importance of Co-Adoption Pathways*. **Joule**, **7(11)**.
- Brown, M. A., Kale, S., Cha, M. K., & Chapman, O. (2023). *Exploring Consumer Willingness to Electrify Homes*. **Applied Energy**, **338**.
- Brown, M. A. & Chapman, O. (2021). *The Size, Causes, and Equity Implications of the Demand-Response Gap*. **Energy Policy**, **158**.

Under Review

- Fernandez, C., Chapman, O., Brown, M., & Hatzell, M. *Cost competitiveness of blue and green ammonia in future energy markets*. **Joule**.
- Oliver, O. M., Chapman, O., Grijalva, S., Matisoff, D., Ramadhani, M., West, A. *Managing Intermittent Renewable Energy: Review and Synthesis of the Engineering, Economics, and Policy*. **Applied Energy**.

Work in Progress

- Oliver Chapman, Marylin Brown. *The role of trust in institutions and partisan perceptions in shaping residential electrification adoption, with implications for state-level policy interventions*.
- Oliver Chapman, Marylin Brown. *Integrated Resource Plans Best Practices: Evaluating Stakeholder Diversity and Engagement in U.S. Integrated Resource Plans*.

GRANTS, AWARDS, & HONORS

- **Brook Byers Institute for Sustainable Systems Fellowship** (2022 – \$120,000)
 - **Outstanding Master's Student Award – Georgia Institute of Technology** (2021)
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CONFERENCE PRESENTATIONS

- **BECC 2023, Sacramento, CA** (*Nov 2023*)
 - Talk: *Trust, Partisanship, and the Adoption of Electrification Technologies*
 - **2023 Southeast Decarbonization Workshop, Atlanta, GA** (*Nov 2023*)
 - Insight Speaker
 - **Georgia Climate Conference, Athens, GA** (*May 2023*)
 - Panel: *Innovations in Climate Pedagogy and Experiential Learning*
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INVITED TALKS & PANELS

- **Brook Byers Institute for Sustainable Systems Seminar Series** (*Feb 2023*)
 - BBISS Graduate Fellows Lightning Talk
 - **Meg & Sam Flax Lecture Series on Public Policy** (*Nov 2021*)
 - *Research to Action: Three Climate Solutions for Georgia*
 - **Kiwanis International Environmental & Climate Change Panel** (*Apr 2021*)
 - *Reducing Georgia's Carbon Footprint with Equity at Center*
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PROFESSIONAL SERVICE

Peer Reviewer

- *Energy Policy*
 - *Applied Energy*
 - *Joule*
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TECHNICAL SKILLS

- **Statistical & Modeling Software:** R, Python
 - **Geospatial Analysis:** ArcMap 10, PowerBI, R
 - **Energy-Economy Modeling:** National Energy Modeling System (NEMS)
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