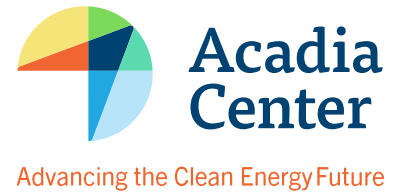


# Energy and Climate Data Analysis Internship

**Summer 2023**

Posted: February 10 - April 1, 2023



Acadia Center is a non-profit, research, and advocacy organization committed to advancing the clean energy future by offering real-world solutions to the climate crisis.

## Summer 2023 Energy and Climate Data Analysis Internship

Acadia Center's approach to policy includes a foundation in high quality data analysis and research. Our Climate, Energy and Equity Analysis team (CLEAN-E) provides a unique capacity to combine a wide range of data sources, complex technical research, and economic, health and consumer analysis into useful information for policy makers, the media, and the public.

Acadia Center is seeking motivated undergraduate and graduate students for a summer internship program. The Energy and Climate Data Analysis Intern will conduct data research and analysis projects under supervision of our CLEAN-E team on issues around climate, clean energy, and energy justice challenges. Candidates should be excited by opportunities to use data to inform public policy and enjoy exploring creative ways to communicate their findings to broad audiences. Depending on the projects, the Interns may have the opportunity to meet with policymakers, attend state hearings and meetings, and work in coalition. Projects areas will be developed with the Intern, and could include the following areas:

- Exploring energy use and cost-saving potential in buildings, summarizing information about existing and emerging technologies with attention to the data around improving poorer quality housing that are the largest residential emitters of climate pollution and create the worst indoor air quality impacts;
- Evaluating greenhouse gas reduction pathways, emission profiles of technologies such as hydropower and biomass, and claims surrounding renewable natural gas and assessing grid-level emission profiles;
- Analyzing community-level energy options and associated emissions and cost benefits;
- Conducting analysis that deepens our understanding of the connections between environmental justice issues, housing, transportation and power generation;
- Working with Acadia Center's CLEAN-E team to assess state and regional greenhouse gas emissions levels, policy implementation progress, energy market trends, energy justice issues and other items;

Areas of expertise and skills include:

- Interest in energy, climate, housing, transportation and energy systems;
- Quantitative experience in the application of data to energy, climate, transportation, buildings and energy justice policy issues;
- Greenhouse gas emissions accounting experience;
- Experience with energy efficiency evaluation, measurement, and verification;
- Experience in using information to build coalitions and facilitate conversations;
- Microsoft Excel proficiency is highly valued; familiarity with programming (Python, R, SQL), data visualization software (Tableau, Power BI), power system and transportation modeling, and proficiency in GIS mapping tools is an asset;
- Excellent verbal, interpersonal, written and presentation communications skills;

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- Enthusiasm for Acadia Center's mission and approach to equitable climate solutions.

## Diversity and Climate Justice Commitment

Acadia Center is committed to a diverse work environment that advances goals to remedy racial, environmental and climate justice issues. We value a workplace of mutual respect, the ability to learn from one another and a team culture of inclusion, shared responsibilities and decision making. We apply values of diversity, equity, inclusion, and justice to our program and organization's activities. We encourage applicants of diverse backgrounds to apply.

## To Apply

The Data Analysis Intern position is fully remote, though there may be possibilities for in-person connections near Acadia Center staff locations in Rockport, ME; Boston, MA; Providence, RI; Hartford, CT and New York City. The internship is expected to run full-time for 8-10 weeks in June, July and August and can be structured as full or flex time. Acadia Center will provide a stipend of \$4,000 - \$5,000 (full time level) depending on factors such as degree level and background experience and schedule. Applicants are encouraged to seek support from other school or work support programs such as those offered by the [Massachusetts Clean Energy Center Intern](#).

Current undergraduate or graduate students studying economics or policy, energy policy, environmental science, engineering, public health, statistics or related fields that include a strong focus on data analysis are invited to apply. Interested candidates should send a resume, cover letter detailing interests and a brief (ideally no more than 2 pages) writing sample and optional diversity statement by March 31 with the subject line "Equity and Climate Data Analysis Internship" to: [internship@acadiacenter.org](mailto:internship@acadiacenter.org). Please note that applications will be processed on a rolling basis.

## Organization

Founded in 1998, Acadia Center is a leading non-profit whose mission is to advance bold, effective, and equitable clean energy solutions for a livable climate and a stronger, more equitable economy. Acadia Center achieves change through thought leadership, analysis, advocacy, coalition building, and engagement with the public in the Northeast and beyond. Acadia Center emphasizes a commitment to use data and research to demonstrate the energy, climate, public health, consumer and equitable distribution potential of reforms and build awareness and diverse support for its program. More information is at <http://acadiacenter.org>. Acadia Center has received Charity Navigator's highest 4 Star rating for fiscal management and devotion of revenues to program work.

*Acadia Center is an Equal Opportunity Employer. Acadia Center seeks to recruit, hire, and provide opportunities for advancement without regard to race, color, creed, religion, sex, pregnancy, age, national origin or ancestry, physical or mental disability, gender, gender identity and expression, sexual orientation, genetic information, marital or civil union status, military service, citizenship, or any other characteristics and traits protected under applicable federal, state or local law.*