



Funded Graduate Research Assistant (GRA) and Graduate Teaching Assistant (GTA) Positions

Description: Dr. Anna Stuhlmacher is recruiting 1-2 PhD students to join her research group within the Electrical and Computer Engineering department at Michigan Technological University (Michigan Tech). The positions are fully funded with a start date of Spring/Fall 2024. Her research focuses on controlling and optimizing distributed energy resources—such as renewable energy sources, energy storage, and flexible loads—in the electric power grid to provide flexibility. Flexibility is important in the transition to sustainable energy systems to ensure that the grid can be operated reliably and is resilient to natural hazards.

About Michigan Tech: Michigan Tech is located in Houghton, Michigan. Houghton is a small town in the upper peninsula of Michigan with year-round outdoor recreation opportunities. Michigan Tech has a longstanding power systems program, with strong connections to utility companies and industry. A wide range of power system courses are available. For information on the PhD program at Michigan Tech, visit <https://www.mtu.edu/gradschool/prospective/>.



**Michigan
Technological
University**

Recommended Background: Students with a strong math and coding background (e.g., Python, Matlab, and/or Julia) with an interest in the electric power grid are encouraged to apply.

To apply: If you are interested in working with me, please send me an email (annastu@mtu.edu) with the subject line 'Prospective PhD Student'. In the email, include your CV and describe your research interests and previous experience.



Dr. Anna Stuhlmacher

Assistant Professor in Electrical and Computer Engineering at Michigan Tech

[Faculty Webpage](#) | [Personal Webpage](#) | [Google Scholar](#) | [Linkedin](#)