



**Oregon State  
University**

Physics Department, Oregon State University,  
301 Weniger Hall, Corvallis, Oregon 97331, T 541-737-4386 |  
<http://physics.oregonstate.edu/energetics> | [graham@physics.oregonstate.edu](mailto:graham@physics.oregonstate.edu)

Postdoctoral Scholar Position  
Department of Physics  
Oregon State University, Corvallis, Oregon USA



We are recruiting a postdoctoral scholar in the **Micro-Femto Energetics Lab of Prof. Matt Graham**'s lab at Oregon State University, Physics, web: <https://physics.oregonstate.edu/energetics/>. The successful candidate will also receive co-advisement by **Prof. Albrecht Jander of the Applied Magnetics Lab** in Electrical Engineering and Computer Science, web: <https://magnetics.oregonstate.edu/>.

This is a full-time, 12-month Postdoctoral Scholar position. The duration of the project is approximately 2 years with the possibility to be extended based on the availability of future funding and continued performance. This project concerns the photonics and magnetics properties of twisted layer 2D materials studied by just-developed ultrafast microscopy methods.

**Minimum/Required Qualifications:**

- Doctoral degree awarded within the past five years (60 months) or within the next 6 months. Relevant disciplines include physics, materials/optical science, physical chemistry and electrical engineering
- Proven track-record of independent research, critical thinking, and successful academic publications.
- Excellent written and verbal communication skills.
- Laboratory skills and optical skills.

**Preferred Qualifications:**

- Experience with ultrafast laser systems and ultrafast time-resolved measurements
- Work in opto-magnetics or microscopy, especially with lasers. Using existing and recently developed such as our NSF MRI Facility, <https://nci.oregonstate.edu/laser-laboratory>
- Experience with nanomaterials or device physics. Especially in 2D nano materials.

**Position available:** Now (open until filled)

Stipend and benefits conform with postdoctoral scholar standards at Oregon State University. More information about postdoctoral scholar appointments at Oregon State can be found at <http://gradschool.oregonstate.edu/postdocs>.

**Application:**

For full consideration, apply by May 15<sup>th</sup>, 2023. Applicants please inquire for more details. To apply, send the following documents in a single PDF file to the contact listed below:

- A detailed CV and academic transcript
- A one-page statement describing your background and how you fit the advertised position
- Contact information for three references

The subject line of your email should contain the following text: **“Post-doctoral Scholar in Optical and Nanosciences.”** Please note that only candidates that meet the required skills will be contacted.

**Contact:**

Matt W. Graham, Associate Professor of Physics, Oregon State University  
<http://www.physics.oregonstate.edu/energetics/graham@physics.oregonstate.edu>