

PHaSER – GMU Overview

GMU Co-I: Jie Zhang

GMU Faculty Liaison – 671: Jie Zhang

GMU Faculty Liaison – 674: Robert Weigel

GMU Faculty Liaison – 675: Erdal Yigit

**Department of Physics and Astronomy
George Mason University**



PHaSER Scientists GMU Affiliation

PHaSER scientists at GMU are affiliated with (e.g., a member of) the Department of Physics and Astronomy, College of Science

- The Department has 28 tenure/tenure-tracked faculty
- > 30 research faculty
- Eight research areas, including space science and astrophysics
- >70 PHD students
- GMU is the largest public university in the state of Virginia
- GMU is located 20 miles east of DC

PHaSER scientists at GMU are automatically a member of the Space Weather Lab

- Established in 2003
- An Integrated system approach
- 4 instructional faculty and >10 research faculty
- >20 PhD students graduated in the space weather program

GMU Employment and Services

	Contact	email	GMU Online Portal
Main Point of Contact	Jie Zhang	jzhang7@gmu.edu	
Travel and Travel Reimbursement	Jessica Hanna	jhanna3@gmu.edu	https://fiscal.gmu.edu/mason-finance-gateway/
Purchases/Direct Pay Requests	Samantha Thatcher	sthatch@gmu.edu	
Proposal Post-award	Jessica Hanna	jhanna3@gmu.edu	https://osp.gmu.edu/
Proposal Pre-award	John Richter	jrichte9@gmu.edu	https://osp.gmu.edu/
Hire/Renew	Amelia Blakeslee	ablakesl@gmu.edu	
Payroll and Benefits	Amelia Blakeslee	ablakesl@gmu.edu	

PHaSER Scientists Career Ladder at GMU

Positions and Career Ladder:

Senior Research Professor
Associate Research Professor
Assistant Research Professor
Postdoctoral Researcher

Three promotions were made in
2024

Salary adjustment follows the
procedure and schedule of the
state government

Proposal and Grants:

- A postdoctoral researcher can serve as a PI in external proposals
- Grants can be used to support students at GMU
- Strong support from GMU Office of Sponsored Research (OSP)
- Write proposals to NSF, NASA, and other funding agencies

PHaSER Scientists Connection to Academics

Opportunity to teach classes.

Contact Department chair: Ernie

Barreto (email: ebarreto@gmu.edu)

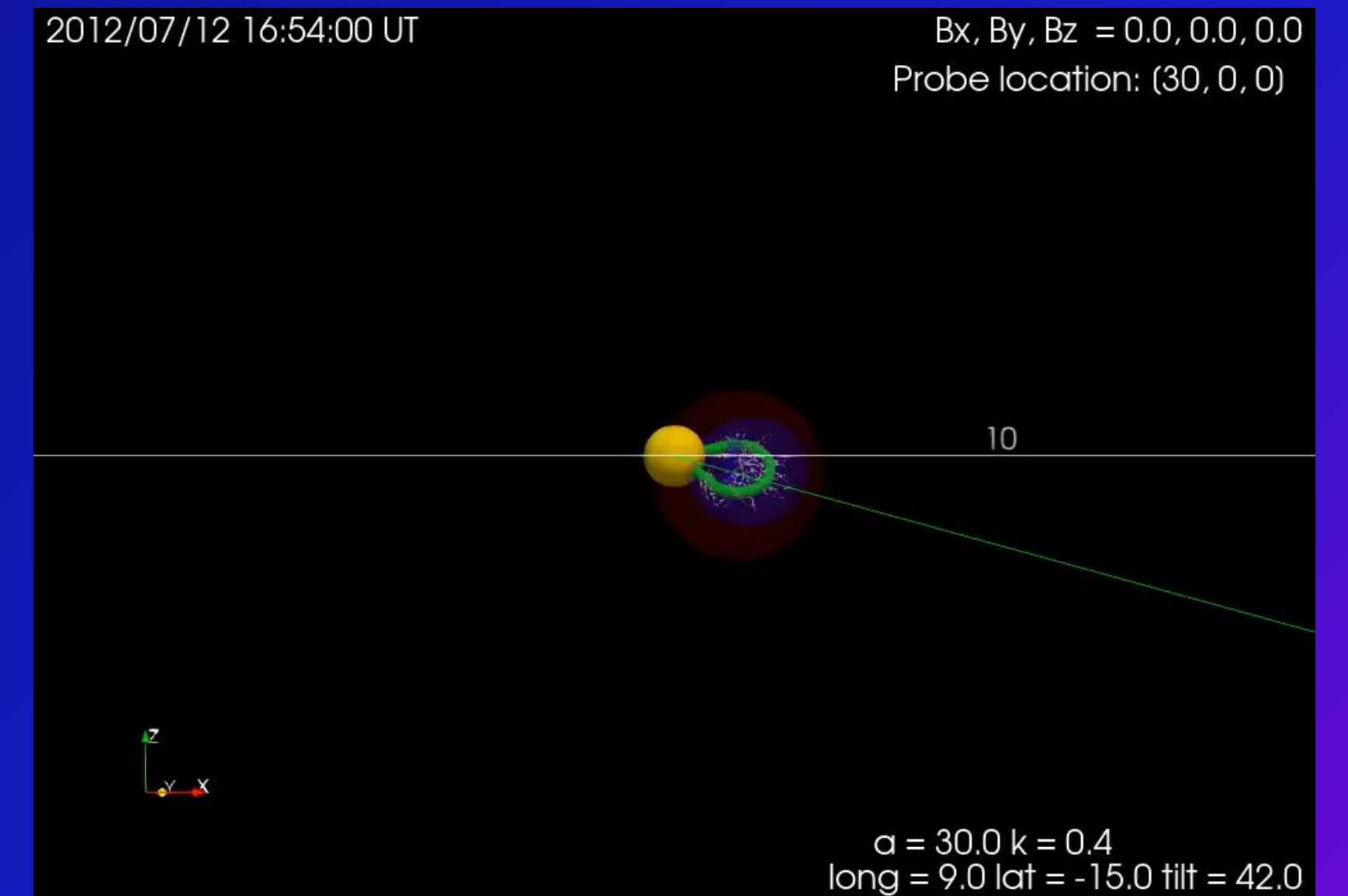
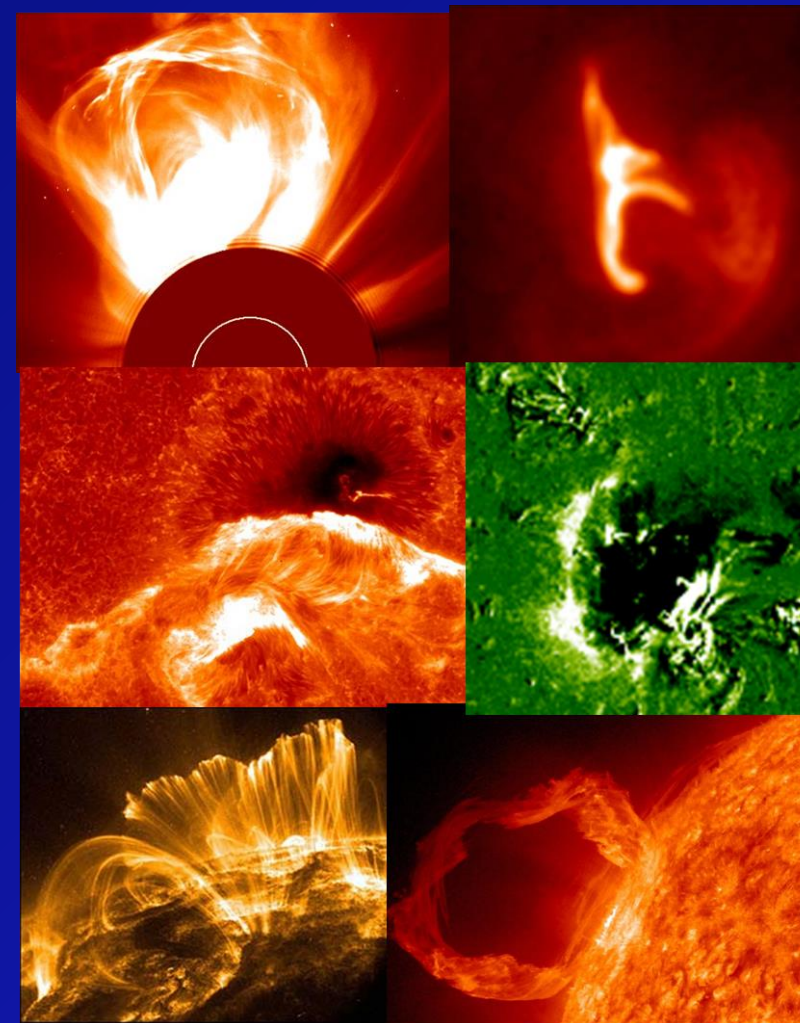
Access students:

- **Sponsor PHD students through GRA (e.g, Andrew Leisner supported by Nick Arge)**
- **Co-directing students for dissertation**
- **Hire short-term graduate students (e.g, summer research)**
- **Support undergraduate students (with a small cost of \$16/hour)**
- **Contact Jie Zhang or other faculty liaisons for connection with students**

Jie Zhang – Faculty Liaison to 671

My research area: Solar and Heliospheric Physics

- Solar Eruptions
- Solar Magnetism
- Interplanetary Transients
- Prediction of Solar Flares



Thank you