

**Gang Kai Poh**  
Department of Atmospheric, Oceanic and Space Sciences  
The University of Michigan, Ann Arbor  
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**RESEARCH INTERESTS:**

Space Physics

- Interaction of Solar Wind with Planetary Magnetospheres

**EDUCATION:**

UNIVERSITY OF COLORADO at BOULDER Boulder, CO  
B.A. Physics and Astronomy, Astrophysics/Physics Track May 2012

UNIVERSITY OF MICHIGAN ANN ARBOR Ann Arbor, MI  
Ph.D. Atmospheric, Oceanic and Space Sciences

**WORK EXPERIENCE:**

*Academic*

**Graduate Research Assistant** August 2012 - Current  
University of Michigan Dept of Atmospheric, Oceanic and Space Sciences Ann Arbor, MI  
Ph.D. Advisor: Dr. James Slavin

**Undergraduate Research Assistant** June 2011 – June 2012  
Laboratory for Atmospheric and Space Physics (LASP) Boulder, CO

- Assisted Dr. William McClintock in developing a 3-D visualization tool for the MASCS instrument onboard the MESSENGER spacecraft using IDL
- Working with Dr. Daniel Baker on a project which compares modeled WSA-ENLIL data to the MESSENGER mission's plasma data

**Tutor**

University of Colorado at Boulder Sept 2011 – May 2012  
Academic Support Assistance Program (ASAP) Boulder, CO

- Tutor students living in the university's residence halls enrolled in Freshman physics courses

**AFFILIATIONS:**

American Geophysical Union (AGU) 2011  
Member

**PUBLICATION/CONFERENCE PRESENTATION:**

1. *Predicting solar wind forcing at Mercury: WSA-ENLIL model results, American Geophysical Union Fall Meeting 2011, P44A-03, Gangkai Poh; Daniel N. Baker; Dusan Odstrcil; Mehdi Benna; Haje Korth; William E. McClintock; Jim M. Raines; David Schriver; James A. Slavin; Sean C. Solomon; Pavel M. Travnicek; Thomas Zurbuchen*

2. *Baker et. al. (2013), Solar Wind Forcing at Mercury: WSA-ENLIL model results, J.Geophys. Res.,118, doi:10.1029/2012JA018064*
3. *MESSENGER Observations of Flux Transfer Events during the impact of the 23 November 2011 Coronal Mass Ejection onto Mercury's Magnetosphere, American Geophysical Union Fall Meeting 2013, SM21A-2153, Gangkai Poh; James A. Slavin; Suzanne Imber; Gina DiBraccio; Xianzhe Jia; Brian Anderson; Haje Korth; Daniel Gershman; Jim Raines; Thomas Zurbuchen; Ralph McNutt; Sean C. Solomon*

CERTIFICATIONS:

- College Reading and Learning Association (CRLA) Certified Tutor