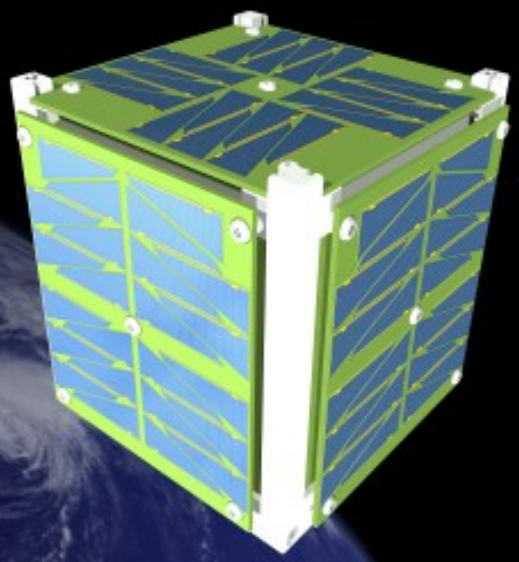
OPEN ORBITER



# The First
# Research Experience for Undergraduates
## with a focus on
# Small Satellite Software


**Program Runs:** June - August, 2016 **Application review:** begins March 16, 2016

**Get hands on experience developing software for an actual spacecraft!**
Student participants will work on real research projects, guided by experienced mentors and have the ability to write code that will actually fly in space and on a high altitude balloon test mission.

**Get paid and gain a great item for your resume ...**
Participants will receive a stipend of up to $5,000, room and board, up to $750 for travel reimbursement to/from Grand Forks and use of university athletic facilities.

**Learn how to develop software that has to work where performance matters**
You can't just press the on/off switch if your spacecraft doesn't work. The software has to be reliable. Learn best practices that apply to any software development environment.

**Visits to the NASA Jet Propulsion Laboratory and a Missile Silo …**
The ten week program culminates with a visit to JPL where you will get to learn how NASA's robotic exploration missions are planned, developed and executed. Scientists and engineers at JPL will lead you through a two-day mission planning exercise where you will learn from the world's leaders in robotic space exploration.

**Be part of the first NSF-funded Research Experience for Undergraduates with a focus on the development of software for small spacecraft.**

Learn more or apply at:

**http://openorbiter.und.edu/reu**

Applications for Summer 2016 will be accepted starting in January 2016

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