IMPORTANT DATES TO NOTE:

- **GEOLOGY CLUB GUEST SPEAKER**: James Amato, February 8, 2018; 4:10-5:10pm Harrington 217
- **OPEN HOUSE**: Thursday, February 15, 2018; 4-7pm
- **MAJORS MEETING**: Thursday, February 22, 2018; 4:10-5:10pm Harrington 217
- **GEOLOGY CLUB GUEST SPEAKER**: Lauren Michel, March 1, 2018; 4:10-5:10pm Harrington 217
- **GEOLOGY CLUB GUEST SPEAKER**: Jason Coenen, March 8, 2018; 4:10-5:10pm Harrington 217

UPCOMING OPPORTUNITIES:

**NASA’s Planetary Geology and Geophysics Undergraduate Research Program (PGGURP)**

Undergraduates currently enrolled in college, university or community college, or who have completed their undergraduate degrees but havenot yet enrolled in graduate school are eligible. Preference is given to U.S. citizens and residents.

8 weeks this summer working with a NASAfunded researcher at his or her home institution. Precise dates are determined by selected interns and their mentors. PGGURP covers costs of travel to and from the site, living expenses, and will provide a cost-of-living stipend. PGGURP also has limited funds to allow interns to present their research at a national conference.

Past PGGURP interns have worked at the USGS Astrogeology Branch in Flagstaff, Arizona; used the telescope atop Mauna Kea, Hawaii; examined Martian geology at the Jet Propulsion Laboratory in Pasadena, California.

Interested? Go to: [http://www.buffalo.edu/~tgregg/pggurp_homepage.html](http://www.buffalo.edu/~tgregg/pggurp_homepage.html)

Completed applications due 21 February 2018, and include:
- information form (found online)
- personal statement (as part of form)
- official transcripts
- two academic letters of recommendation.

Application materials can be mailed or emailed to Dr. Tracy Gregg (PGGURP Director) or Ms. Robyn Wagner (PGGURP Administrator):
Department of Geology, 126 Cooke Hall
University at Buffalo, Buffalo, NY 14260-3050
pggurp@buffalo.edu phone: (716) 645-4857 fax: (716) 645-3999

Impact melt on the base of the lunar impact crater LaPlace A. Lunar Reconnaissance Orbiter Narrow Angle Camera image M129466485R, courtesy of NASA/GSFC/ASU.

Background image: Thermal Emission Imaging Spectrometer (THEMIS) visible image of a portion of Candor Chasma, Mars. Image width ~18 km. Centered at 5.0°S, 284.3°E. Image courtesy of NASA / JPL-Caltech / ASU.
UNDERGRADUATE RESEARCH GRANTS

The Department of Geology is pleased to announce its annual competition for undergraduate research grants. These funds are available thanks to the C.W. Fetter Endowed Research Fund, established through gifts from Dr. Fetter, emeritus faculty members, alumni, current faculty members, and friends. To qualify for one of these awards, which will average $200 to $500, a student must have submitted a research grant proposal to one or more of several undergraduate research funding sources. These grant opportunities include GSA, Sigma Xi, and UW Oshkosh (see links below for details). The proposal must have been written by the student, not the student’s research collaborator on the faculty. To be considered for a Geology Research Grant, the student should submit to the Department Chair a copy of the research proposal that was submitted to one of the above sources along with a cover letter that explains the budget for the research and how much funding has already been received and from what sources. This year’s deadline for submission is March 23, 2018. Proposals will be judged based upon their scientific merit, the proposer’s academic background, and the budget justification.

FYI: Places to apply for undergraduate research grants:

Geological Society of America
(GSA):  http://www.geosociety.org/GSA/Education_Careers/Grants_Scholarships/gsa/grants/ncgrant.aspx#research
Sigma Xi:  https://www.sigmaxi.org/programs/grants-in-aid

UW Oshkosh: Undergraduate Student/Faculty Collaborative Research Grants:  https://osrca.uwosh.edu/collaborative-grant-proposals/
Undergraduate Student/Faculty Collaborative Research Small Grants:  https://osrca.uwosh.edu/collaborative-grant-proposals/