

THE FLUX LINE

News of the Geomagnetism and Paleomagnetism Section of AGU

May 2012

Mark your calendars!

- July 31: William Gilbert nominations are due (see below)
- July 12: Registration opens for the Fall AGU Meeting
- August 8: Fall AGU Meeting abstracts are due
- December 3-7: Fall AGU Meeting
- December 4: Bullard Lecture (at the Fall AGU Meeting)
- December 4: GP Business Meeting and Reception (at the Fall AGU Meeting)

AGU Publications

Publications have been discussed extensively by the AGU Council and identified as a high priority objective in the Strategic Plan. The AGU Board of Directors recently agreed to evaluate partnering with a third party publisher for the production, sales, and marketing of AGU publications. This decision followed a third-party external review, which involved widespread consultation with Council, AGU editors, and the Publications Committee. The decision was based both on scientific and organizational considerations.

In order to ensure that the scientific criteria for evaluating potential partners is well developed, the leadership of all sections and focus groups has been invited to share their input and provide comment on initial criteria as developed by the AGU Board and Publications Committee. These draft criteria are

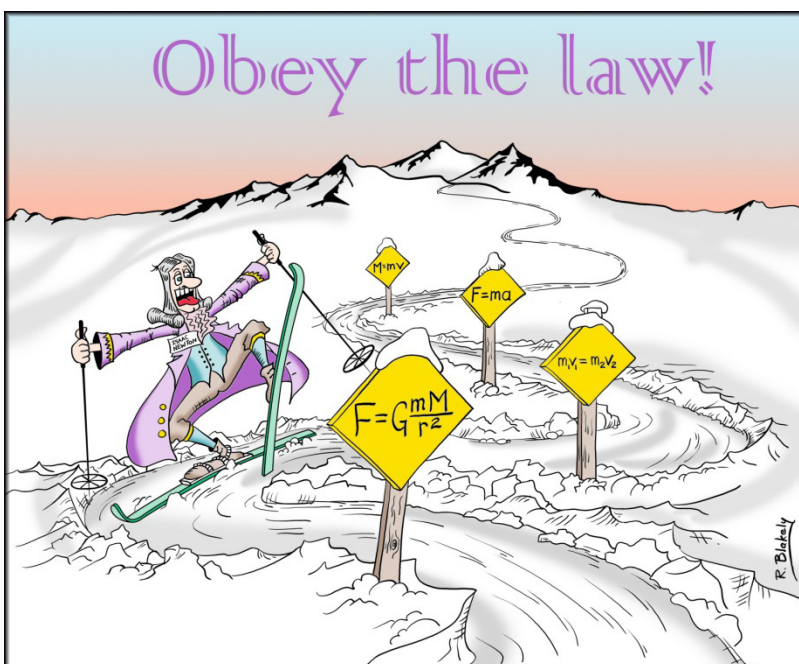
- Fit for AGU's mission, scope, and culture.
- Strategic alignment and positioning for the future.
- Author and editor support.
- AGU control and autonomy.
- Expanding AGU's reach.

If you would like additional information or wish to comment on the draft criteria, please contact Rick Blakely (blakely@usgs.gov) or Richard Gordon (rgg@rice.edu), who will forward your input to AGU Council.

William Gilbert Award

Nominations for the William

Gilbert Award are due July 31, 2012! The Gilbert Award is the GP Section's highest honor. It is given for excellence in at least one of the following categories: scientific rigor, originality, and impact; leadership and service to the GP research community; development of new cross-disciplinary research areas and methods. This year, as in all alternating years, the Gilbert Award will be presented to a junior researcher either less than 36 years of age on December 31, 2012, or less than 5 years from PhD graduation on that same date. Note: Nominations are not restricted to GP members in tenure-track faculty positions. Early-career scientists in any position, including post-doctoral researchers and other research appointments, are eligible.



Outstanding Student Paper Awards to Blanco, Domeier, and Manning

We are pleased to announce the winners of the Outstanding Student Paper Awards for the 2011 Fall AGU Meeting. GP chose three OSP winners:

- **Dunia Blanco**, University of Alberta: “Siberian apparent polar wander path for the Panerozoic Eon: towards finding Siberian place on Earth”
- **Matthew Domeier**, University of Michigan: “Reconciling paleomagnetism of Pangea”
- **Earl Manning**, University of Oklahoma: “An integrated paleomagnetic, rock magnetic, and geochemical study of the Marcellus Shale in the Valley and Ridge Province in Pennsylvania and West Virginia”

The awards included a certificate from AGU and a \$200 stipend from the GP Section. The winners will be introduced at the 2012 GP Business Meeting and Reception, December 2012.



Dunia Blanco



Matthew Domeier

AGU awards nominations

The AGU Council voted in 2011 to align the nomination cycle for AGU Fellows to coincide with all other AGU awards . Nominations for 2013 AGU Fellows and all other 2013 AGU medals and awards will be accepted January 15 through March 15, 2013. The AGU Council also voted to allow Section officers to be nominators, nominees, or writers of supporting letters for AGU Medals and Awards. However, Section officers are not permitted to be nominators, nominees, or writers of supporting letters for AGU Fellow.

Research of our GP members fits well with a number of AGU awards and medals. Please consider nominating your worthy colleagues for these prestigious honors:

- **John Adam Fleming Medal:** original research and technical leadership in geomagnetism, atmospheric electricity, aeronomy, space physics, and related sciences.
- **Walter H. Bucher Medal:** original contributions to basic knowledge of the crust and lithosphere (given in alternate years).
- **William Bowie Medal:** outstanding contributions to fundamental geophysics and for unselfish cooperation in research.
- **James B. Macelwane Medal:** significant contributions to the geophysical sciences by an outstanding young scientist.

AGU elections in September

The term of office for our current GP Secretary (Laurie Brown) and GP President (Rick Blakely) ends on December 31, 2012, at which time our current President-Elect (Richard Gordon) assumes the position of GP President. Elections of the next GP Secretary and GP President-Elect will be held in September, 2012. Nominees are:

- GP President-Elect: **Andy Jackson** and **Ken Kodama**
- GP Secretary: **Paul Bedrosian** and **Mike Purucker**

In addition, two GP members, **Rick Blakely** and **Cathy Constable**, are going head to head for a position on the AGU Board of Directors. (Rick and Cathy have agreed, no nasty TV ads ☺). **Lisa Tauxe** will continue as AGU General Secretary, which includes a position on the AGU Board of Directors.

Additional information can be found in a recent issue of *Eos* (vol. 93, no. 21, May 22, 2012).

Kathy Whaler to present the 2012 Bullard Lecture

Kathy Whaler will present the Bullard Lecture at the 2012 Fall AGU Meeting. Kathy is a professor at the School of Geosciences at the University of Edinburgh and an expert in a wide range of geomagnetic subjects, including crustal magnetization as observed from low-orbit satellites, advective flow of the outer core, and magnetotelluric studies of the crust and upper mantle.



Fall AGU Meeting update

Laurie Brown, GP Secretary, reports that GP received 14 topical session proposals for the 2012 Fall AGU Meeting. These sessions are in addition to the “general contribution” poster sessions and the Bullard Lecture. How the final program shakes out will depend on the mix of abstracts submitted later this year. **Remember: Abstract deadline is August 8!**

Post-doc and early-career opportunities

- **Institute for Rock Magnetism**, Minneapolis. The IRM invites applications for a staff position as either Postdoctoral Associate or Research Associate. The successful candidate will participate with IRM faculty and staff in the management and supervision of facility operations, work with visiting scientists in all aspects of their research at IRM, collaborate in research with IRM faculty members and post-doctoral researchers, and develop his/her own independent research program. For additional information, contact irm@umn.edu. Go to www.irm.umn.edu for a complete job description. Applications required by June 30, 2012.
- **University of Leeds.** The Department of Applied Mathematics, University of Leeds, is seeking to fill a three-year, NERC-funded post-doctoral position to work with David Hughes and Chris Jones on “The Earth’s core—dynamics and reversals”. The project will investigate the convectively driven dynamics of

the Earth's fluid outer core and the nature of reversals of the magnetic field. For additional information, go to <http://jobs.leeds.ac.uk> (reference number MAPMA0028). Closing date June 11, 2012.

- **University of Edinburgh.** The University of Edinburgh is seeking a Senior Lecturer in exploration geophysics. The successful candidate will work on a variety of problems in exploring and monitoring hydrocarbon, water, ores, and stored waste in the Earth's subsurface. Details available at http://www.jobs.ed.ac.uk/vacancies/index.cfm?fuseaction=vacancies.detail&vacancy_ref=3015465. Application deadline May 31, 2012.
- **Institute for Rock Magnetism,** Minneapolis. Support is provided for up to 10-day research visits in three areas: Visiting Research Fellows, U.S. Student Fellows, and researchers whose primary goal is to use the u-channel magnetometer system. Applications are accepted twice per year (April 30, October 30). Contact IRM (irm@umn.edu) or visit the web page at www.irm.umn.edu.

The US National Science Foundation seeks your input

The following request comes from the U.S. National Science Foundation.

*We want you to help guide EarthCube, a bold new NSF initiative to create an integrated data and knowledge management system for the geosciences. Researchers funded by NSF want to know your views on the needs in data and cyberinfrastructure across the geosciences. Because data discovery, access, and use is such an integral part of what we all do now, we encourage you to click the following link and take the survey ASAP <http://sgiz.mobi/s3/EarthCube-Stakeholder-Consent-PA> **

We also encourage you to register on the EarthCube website (<http://earthcube.ning.com>) and get involved in the conversations that are taking place about EarthCube. Survey results will be shared with NSF, posted on the EarthCube website, and presented at the EarthCube community meeting this June.

**This link takes you to a survey to capture your view on how to best advance data-enabled geoscience. Your participation is voluntary. Your identity will be kept separate from your responses and be kept strictly confidential. Only aggregate findings will be reported. As for all surveys of this kind, it starts with a voluntary consent form. Please share your views by clicking on the above link and tell us what you think.*

Newsletter contributions are welcome.

We welcome news items of general interest to the GP community. Please keep them brief (150 words or less) and send to Rick Blakely (blakely@usgs.gov).

—GP Executive Committee