



## European Association of Geochemistry

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### ELSEVIER/IAGC PHD STUDENT RESEARCH GRANTS

The Elsevier/IAGC Student Research Grant program is designed to help PhD students in geochemistry acquire geochemical analyses in support of their research; funding is based on a meritorious proposal. This year's recipients are:



**Rixiang Huang** (\$2000), Baylor University

Effects of Surface Heterogeneity on Nanoscale Interfacial Processes



**Anita Thapalia** (\$1500), University of Texas, El Paso

Application of Zn Isotopic Signatures as Tracers of Anthropogenic Contamination in Lake Sediment Cores



**Oluyinka Oyemumi** (\$1000), Virginia Tech

Evaluating Mobilization and Transport of Organoarsenicals Released from Poultry Litter within an Agricultural Watershed on the Delmarva Peninsula, Delaware



**Karla Leslie** (\$1000), University of Kansas

Microbial Controls on Metal Ion Mobility

### GSA ANNUAL MEETING

As an affiliated society, IAGC continues to have a strong presence and involvement in the Geological Society of America Annual Meeting (Minneapolis, Minnesota, USA, 9–12 October 2011). IAGC is sponsoring three technical sessions at this international conference:

T122. Sources, Transport, and Fate of Trace and Toxic Elements in the Environment (co-chairs: LeeAnn Munk, David T. Long, W. Berry Lyons)

T127. Tropical Small Mountainous River Biogeochemistry: Terrestrial Losses, Internal Processing, Coastal Inputs, and Marine Burial (co-chairs: Steven Goldsmith, Ryan Moyer)

T129. Spectroscopy for the Geosciences in the 21<sup>st</sup> Century (co-chairs: Russell S. Harmon, Nancy McMillan)

#### **GSA Pardee Keynote Symposium (cosponsored by the IAGC)**

GSA Structural Geology and Tectonics Division, Sunday, 9 October, 1:30–5:30 pm. This session will honor British geologist Arthur Holmes (1890–1965) who, 100 years ago, while still an undergraduate student, established the technique to date rocks by the radioactive decay of U to Pb. Holmes also made significant contributions to the study of the origin of granite and to plate tectonics.

### EAG LAUNCHES ITS DISTINGUISHED LECTURE PROGRAM

The European Association of Geochemistry is excited to launch its annual Distinguished Lecture Program, starting with a tour across central Europe in November 2011. This program aims to introduce scientists and students located in under-represented regions of the world to emerging research areas in geochemistry. The distinguished lecturer will be selected each year based on a combination of outstanding research contributions in geochemistry and the ability to clearly communicate these contributions to a broad audience.



Our 2011 Distinguished Lecturer is **Dr. Karim Benzerara**, who is with the CNRS and the Université Pierre et Marie Curie, Paris, France. Karim is specialized in geomicrobiology and mineralogy, and he focusses his work primarily on the interactions between life and minerals and fossilization. In addition, Karim was the recipient of the EAG's 2010 Houtermans Award.

The 2011 tour will take Karim Benzerara to the Czech Republic, Hungary, Romania and Slovakia, where he will present the following lectures:

- Iron biomineralization by neutrophilic anaerobic Fe-oxidizing bacteria: A nanoscale perspective
- Combination of transmission electron microscopy and synchrotron-based X-ray microscopy for the study of geomicrobiological samples
- Biomineralogical study of stromatolites at the nanoscale

The complete schedule and lecture abstracts are available at [www.eag.eu.com/education/dlp/](http://www.eag.eu.com/education/dlp/).

The EAG would like to take this opportunity to thank Karim for serving the geochemical community as the first EAG Distinguished Lecturer, and we are looking forward to hearing his tales from the tour.

### 2012 EAG AWARDS: CALL FOR NOMINATIONS

The EAG invites nominations for the Science Innovation Award, the Urey Award, the Houtermans Award and the GS/EAG Geochemical Fellows Award. Your nomination is crucial to ensure the recognition of deserving scientists. So please consider nominating someone for these awards. Below are short descriptions of what these awards are for; additional information can be found at [www.eag.eu.com/awards/](http://www.eag.eu.com/awards/).

The **Science Innovation Award** subject area differs every year according to a five-year cycle, and in 2012 the award will be named in honour of Heinz Lowenstam for his work on biomineralogy. This award is conferred for important and innovative breakthroughs in geochemistry, and the recipient must be between 35 and 55 years old.

The **Urey Award** recognizes outstanding contributions in the advancement of geochemistry over a career.

The **Houtermans Award** is given to a scientist no more than 35 years of age or within 6 years of his or her PhD for a single exceptional contribution to geochemistry, published as a single paper or as a series of papers on a single topic.

The **GS/EAG Geochemical Fellows Award** is bestowed upon outstanding scientists who have made major contributions in the field of geochemistry.

Please submit your nominations before **15 October 2011**. For details on the submission process, please visit [www.eag.eu.com/awards/nomination/](http://www.eag.eu.com/awards/nomination/).