



The Clay Minerals Society

www.clays.org

THE PRESIDENT'S CORNER

Small societies offer many advantages. I am reminded of these each time the CMS and its affiliates meet. An intimate conference allows one a greater opportunity to meet a larger proportion of the attendees and to get to know the organizers and the scientific community. These personal connections provide the means for small societies to sustain themselves through these changing and dynamic times.



Andrew Thomas and Katarzyna Gorniak at the Mid-European Clay Conference in Poland

I had the opportunity to attend the Mid-European Clay Conference in Zakopane, Poland, this past September. This conference was an excellent window into the vibrant European clay community. Complete with hiking and river rafting, posters, scintillating talks, and vodka shots, the conference exceeded my expectations with respect to content and hospitality. The general chair, Katarzyna Gorniak, along with her session chairs and organizing team, are to be recognized and congratulated. It was a spectacular event.

We hope to see many of our new friends at the upcoming CMS Annual Meeting in Billings, Montana, on June 5–11, 2009. Please renew your membership and take advantage of the membership discounts. It is my pleasure to work with you all. More information on the CMS is available at www.clays.org.

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ELEMENTS

The April 2009 issue of *Elements* will feature a theme based specifically on clays. This is a key opportunity to promote our science to those who do not normally engage with it. A set of six papers, guest-edited by Derek Bain, will describe various aspects of bentonite, its geology, its uses, etc. The Society wishes to promote its subject by sending free copies of the issue to those who don't normally receive *Elements*, e.g. your dean, a colleague, students, and funding bodies local and national. Please send names, postal addresses and e-mail addresses (up to two per member) to Mary Gray (cms@clays.org) at the Society office, and we will ensure that they receive a copy of that issue of *Elements*, together with a letter from the president.

THE CLAY MINERALS SOCIETY AT GSA

The CMS contributed to a number of sessions at the recent Joint Societies conference, held in October 2008, in Houston. Attending were more than 9000 delegates, many from outside the usual Geological Society of America cohorts (e.g. from the tri-societies: Crop Science, Soil Science, and Agronomy). The aim of the conference as a whole, and of our sessions in particular, was to appeal to the cross-disciplinary delegate. *Clays and Clay Minerals* editor Joe Stucki delivered a lecture on the crossovers in the histories of the Soil Science Society and The Clay Minerals Society. His lecture will soon be made available on the CMS website.

CMS Booth

For the first time, the Society had its own booth at the conference and, given the cross-disciplinary nature of the conference, it was an ideal occasion for the CMS to show its wares and talk about membership to visitors. The booth was manned largely by Ray and Sue Ferrell, but president Andy Thomas and other Society members (amongst them Paul

Schroeder and Warren Huff) also did turns. The booth displayed a banner bearing the new Society logo as a backdrop. Ray Ferrell had a novel method of attracting attention to the booth (no, it wasn't his singing!): he had printed and framed some of the photographs from the "Images of Clay Archive," and a draw was held at the end of the conference from amongst those visitors to the booth who had left business cards. Membership forms were available, and all Society publications were for sale also. Related booths from the Mineralogical Society of America, the Mineralogical Association of Canada, the Geological Association of Canada, and the Geochemical Society were found in the same part of the exhibition hall. We hope to continue to have a booth at future GSA meetings. If you attend GSA regularly, please do volunteer at the booth for a couple of hours. Suggestions for ways of attracting the attention of passersby are always welcome—anything to avoid a repeat of the Ferrell falsetto!

CLAYS AND CLAY MINERALS

It's the time of year when you can help your journal. Libraries around the world are renewing their subscriptions. When that form comes around asking which journals need to be kept and which are to be cut, please do your best to ensure that *Clays and Clay Minerals* is retained. The funding generated by library subscriptions is all important to the work of the Society and supports many of our other activities. It is also the key means by which we promote our science.

Support the Journal

Equally important is that readers use and cite the content in our journal. So much depends on citation numbers/impact factors/ratings these days, so it is imperative that our content be read and cited by as many people as possible. We want to hear from you about what your citation habits are. What do you need to see in *CCM* in order for you to cite it more? The science is of the highest quality, ensured by our editorial team—what we need to do is ensure that it is cited quickly and widely. How can you help? Well, get your colleagues to refer to the journal. Send them information about papers that will be of interest to them. This will constitute the greatest single piece of marketing we can achieve, and it costs nothing more than a little of your time. Start by scanning the list of contents on the following page and identify material of interest to your colleagues.

OCTOBER 2008 ISSUE OF CLAYS AND CLAY MINERALS

Hybrid films consisting of a clay and a diacylenic two-photon absorptive dye – Yasutaka Suzuki, Shoichiro Hirakawa, Yusuke Sakamoto, Jun Kawamata, Kenji Kamada, and Koji Ohta

Adsorption of protamine and papain proteins on saponite – Tamás Szabó, Raluca Mitea, Hugo Leeman, Gnanasiri S. Premachandra, Cliff T. Johnston, Márta Szekeres, Imre Dékány, and Robert A. Schoonheydt

Change of the refractive index of illite particles by reduction of iron content of the octahedral sheet – Frank Friedrich, Annett Steudel, and Peter G. Weidler

Some physicochemical properties of the white sepiolite known as pipestone from Eskisehir, Turkey – Müserref Önal, Hamza Yilmaz, and Yüksel Sarıkaya

First evidence of multiple octahedral Al sites in Na-montmorillonite by ^{27}Al multiple quantum MAS NMR – Takafumi Takahashi, Koji Kanehashi, and Koji Saito

Thermodynamic properties of feroxyhyte ($\delta\text{-FeOOH}$) – Juraj Majzlan, Christian Bender Koch, and Alexandra Navrotsky

Contemporary pedogenic formation of palygorskite in irrigation-induced, saline-sodic, shrink-swell soils of Maharashtra, India – S. Hillier and A.L. Pharande

Adsorption of Cr(VI) and As(V) on chitosan-montmorillonite: selectivity and pH dependence – Jong-Hyok An and Stefan Dultz

Smectite clay adsorption of aflatoxin vs. octahedral composition as indicated by FTIR – Maria Guadalupe Tenorio Arvide, Ines Mulder, Ana Luisa Barrientos Velazquez, and Joe B. Dixon

Smectite clay sequestration of aflatoxin B1: particle size and morphology – Ines Mulder, Ana Luisa Barrientos Velazquez, Maria Guadalupe Tenorio Arvide, G. Norman White, and Joe B. Dixon

Mineralogy and genesis of smectites in an alkaline-saline environment of Pantanal Wetland, Brazil – Sheila Aparecida Correia Furquim, Robert C. Graham, Laurent Barbiero, José Pereira de Queiroz Neto, and Vincent Vallès

View the abstracts and full texts at www.ingentaconnect.com/content/cms/ccm or <http://gscem.highwire.org/>

Contact managing editor Kevin Murphy (kmurphy@iol.ie) or editor in chief Joe Stucki (jstucki@uiuc.edu) for more information about the journal, or visit the journal home page at www.clays.org/journal/check-the-details.com.

2009 AWARD NOMINATIONS

Go to the CMS website (www.clays.org) for more information on how to prepare a nomination for an award or apply for student research and travel grants. The deadline for 2009 award nominations is **March 31, 2009**.

Marilyn and Sturges W. Bailey Award

The highest honor of The Clay Minerals Society is awarded for scientific eminence in clay mineralogy (in its broadest sense) as evidenced primarily by the publication of outstanding original scientific research and by the impact of this research on the clay sciences. Service to clay mineralogy, teaching, and administrative accomplishments are not considered in the evaluation of nominees.

G. W. Brindley Lecture

This award is intended to recognize a clay scientist who will infuse the Society with new ideas and who is both a dynamic speaker and is involved in innovative research. Dr. Brindley himself approved the concept of the Lecture, and the speaker should deliver a lecture that Brindley himself would applaud.

Pioneer in Clay Science Lecture

This award recognizes research contributions that have led to important new directions in clay minerals science and technology. The awardee is selected by the local organizing committee of the CMS Annual Meeting at which the award will be presented. The intent is to select a person who will strengthen the technical program, which may include a symposium in an area where the Pioneer awardee is recognized for his/her seminal contributions.

Marion L. and Chrystie M. Jackson Mid-Career Clay Scientist Award

This award recognizes mid-career scientists for excellence in the contribution of new knowledge to clay minerals science through original and scholarly research. The awardee is to be between the ages of 39 and 60.

THE CLAY MINERALS SOCIETY STUDENT RESEARCH GRANTS

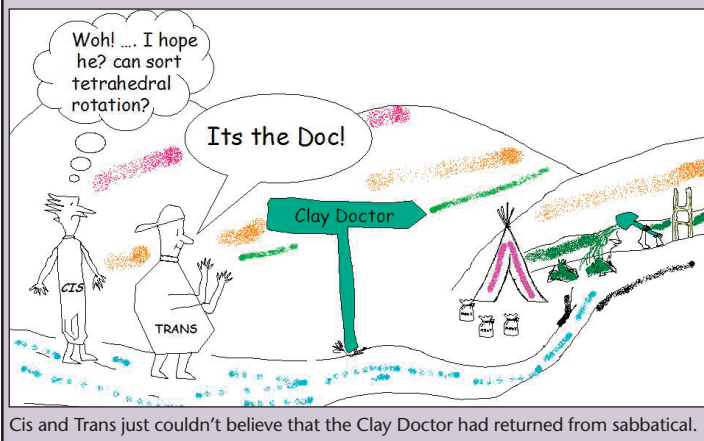
The Clay Minerals Society annually awards a number of research grants of up to \$3000 through its student research grant program. The program is designed to provide partial financial support to graduate students at the master's and doctoral levels doing research in clay science and technology. Deadline to apply is **March 31, 2009**.

SELECTION

Applications will be judged on a competitive basis. The qualifications of the applicant and the objectives, design, and financial need of the project will be evaluated. Applicants selected will be chosen by a five-member CMS committee and approved by the CMS Council. The research grant awarded to the best proposal each year is known as the Robert C. Reynolds Jr. Research Award.

NOTE: Students may apply for both a research and a travel grant in one year. Students may receive no more than a total of two travel grants and two research grants.

A TOUCH OF HUMOR



RENEWALS

CMS members have been sent membership renewal notices by mail, electronically, or both. If you have not renewed your CMS membership, you can do so online at www.clays.org. If you have not received a notice, please contact the CMS office via e-mail to cms@clays.org. **Members, please encourage anyone you know, especially students, who are not members to join.**

PUBLICATIONS

ALL CMS publications can now be ordered online. Please see the website www.clays.org for a list of publications available.

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