

GEOBULLETIN

September 28, 2007

FALL 2007 LECTURE SCHEDULE ---- All lectures (unless otherwise noted) are held on Fridays at 3:30 PM in AB20 (Laudon Lecture Hall).

Coffee & cookies are served in the lobby starting at 3:15 PM.

TODAY ---- September 28 ----- Larry Edwards ---- University of Minnesota ----- “300,000 years of Asian Monsoon history from caves”

October 5 ----- Jack Tossell ----- University of Maryland ----- “Solid H₂CO₃? A Candidate for CO₂ Sequestration?”

October 12 ----- Hans-Rudolf Wenk ----- University of California - Berkeley ----

October 19th ----- *Special Lecture in room 140 Weeks Hall at 1:30 PM* ----- Prof Insun Song ---- Pennsylvania State University ----- “Pore Geometry Dependence of Hydraulic Properties of Fontainebleau Sandstone”

October 19 --- Ben van der Pluijm --- University of Michigan ----

October 26 ---- Scott McLennan ----- SUNY Stony Brook ----- “The Sedimentary Rock Cycle of Mars: A Geochemical Perspective”

November 2 ----- Kurt Konhauser ----- University of Alberta

November 9 --- Jeff Post ----- Smithsonian Institution – Curator, National Gem & Mineral Collection

November 16 ----- Hiroshi Ohmoto ----- Pennsylvania State University -----

November 30 --- Jim Butler --- Kansas Geological Survey ----- 2007 Darcy Lecturer

SPRING 2008 WEEKS LECTURE SCHEDULE

February 8 ----- Neil Shuban ---- University of Chicago -----

March 7th ----- Francesca Smith ----- Northwestern

March 28 ----- Carel J. van Oss ----- SUNY-Buffalo

FALL INDUSTRY RECRUITING SCHEDULE

September 26, 27 & 28 ----- ExxonMobil

October 1, 2 & 3 ----- BP

October 7, 8 & 9 ----- Shell

All interviews will take place in the Undergrad Lounge (Room A266) therefore that lounge will be closed to normal student traffic on those days. Please use Cline Lounge (Room 243) If you have questions please contact the Department Coordinator Jen Walker ---- Her office is Room A452, email: jwalker@geology.wisc.edu

POSITIONS AVAILABLE -- DETAILS AVAILABLE IN THE OFFICE OR ON LINE

University of Cambridge ----- Department of Earth Sciences ---- Research Analyst - To operate, instruct in the use of, maintain, and develop the electron probe microanalysis (EPMA) facility. Looking for a dynamic and enterprising person with a sound knowledge of electron microscopy and analysis along with a background in geological or materials science. The successful applicant will also be responsible for maintaining quality control of analytical output and will advise on interpreting results. Knowledge of the Cameca SX100 or SX50 instruments would be a distinct

advantage. Send CV and e-mails of 2 referees to the Administrator, vivien@esc.cam.ac.uk by Friday 12 October, 2007. Department of Earth Sciences, Downing Street, Cambridge CB2 3EQ. Minimum requirements: Either: Extensive experience of operating an electron microprobe or comparable instrument ----- OR ----- An MSc or PhD in geosciences or related fields and a knowledge of instrumental geochemistry, mineral chemistry and optical mineralogy and the ability to interpret analyses in a geologically meaningful way. The lab manager will often be working with students and others who may be unfamiliar with microprobes, so good communications skills are required. Reasonable knowledge of PC systems to setup/install, upgrade and maintain specialist software.

AB78@ESC.CAM.AC.UK

Tel +44 1223 333469

Manager of XRD discussion list:

<http://www.jiscmail.ac.uk/lists/xrd.html>

VirtualWDS: For the synthesis of wavelength-dispersive electron probe spectra.

<http://www.esc.cam.ac.uk/astaff/buckley/VirtualWDS.html>

Miami University ----- The Department of Geology invites applications for a Postdoctoral Research Fellow or Research Associate position. The successful candidate will contribute technically and scientifically to research in igneous geochemistry and volcanology and will assist in the supervision and training of undergraduate and graduate students. An advanced degree in geology or geochemistry is required prior to appointment; a PhD for Postdoctoral Research Fellow or a MS for Research Associate. In addition, hands-on experience with one or more of the following analytical methods is required; SEM/TEM, ICP/DCP-AES, ICP-MS, TIMS. This is a one-year appointment commencing on or about February 1, 2008 with the possibility of reappointment subject to continued funding and performance evaluation. Send letter of application, curriculum vitae, and names and contact information for three references to Dr. William K. Hart, Department of Geology, Miami University, 114 Shideler Hall, Oxford, OH, 45056. Contact phone is 513.529.3216 and email is hartwk@muohio.edu. Applicant reviews begin November 12, 2007 and continue until position is filled.

University of Florida ----- Department of Geological Sciences invites applications from outstanding scientists for a tenure-track faculty position in geodynamics at the Assistant Professor level, to start fall 2008. Seek a creative scientist committed to high standards in research and teaching to complement Departmental research in tectonics, geomagnetism, seismology, geochemistry, and surficial processes. The successful candidate will have an established record of publication in peer-reviewed scientific journals, clear potential to lead an externally-funded research group, and enthusiasm for research involving highly talented and broadly diverse graduate and undergraduate students. Especially encourage applicants with expertise in any aspect of physical or chemical geodynamics, from core to surface, involving integration of quantitative modeling and field observations. For more information visit <http://web.geology.ufl.edu/search.html>. Applicants should hold a Ph.D. at the time of application, and supply (a) a curriculum vitae, including publication list and details of current research funding; (b) a statement of teaching experience and interests; (c) a summary of current research activities and future goals, including a statement describing potential links with existing programs in the Department of Geological Sciences at UF; (d) complete contact information for at least three established scientists who are willing to supply letters of reference. To ensure full consideration, applications should be submitted by 19 Dec. 2007 to the Search Committee chair, R. M. Russo, russo@ufl.edu, Department of Geological Sciences, P.O. Box 112120, 241 Williamson Hall,

University of Florida, Gainesville, FL, 32608, USA; phone +1 352 392 2231; fax +1 352 392 9294. Evaluation of candidates will begin on the closing date and continue until the position is filled.

Princeton University ----- The Department of Geosciences is seeking applications for a tenured faculty position in **solid-earth geophysics**. Particularly interested in individuals who could interact productively with current members of the department, in areas including but not limited to seismology, geodynamics, and mineral physics. More information can be found on department website at <http://geoweb.princeton.edu> . Applicants should send a curriculum vitae, including a publication list, a statement of research and teaching interests, and contact information for three references to: Allan Rubin, Search Committee Chair, Department of Geosciences, Guyot Hall, Princeton University, Princeton, NJ 08544. The starting date is flexible. Evaluation of applications will begin immediately; interviews of candidates will begin in the Fall of 2007 and will continue until the position is filled. For general information about applying to Princeton and how to self-identify, please link to <http://web.princeton.edu/sites/dof/ApplicantsInfo.htm> ---- Thomas Duffy --- Dept. of Geosciences ----Princeton University-----Princeton, NJ 08544---- (609) 258-6769 ---- duffy@princeton.edu