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.

**** Note the room change for today!!!!

TODAY---- October 5 ----- ROOM 140 ------- Jack Tossell ----- University of Maryland ----- “Solid H$_2$CO$_3$? A Candidate for CO$_2$ Sequestration?”

October 12 ----- Hans-Rudolf Wenk ----- University of California - Berkeley ---- “Deformation and Anisotropy in the Earth”
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
May 2 ----- Board of Visitors’ Meeting ---- date reserved
May 9 ----- Sean C. Solomon ---------- DTM/Carnegie Institution of Washington

FALL INDUSTRY RECRUITING REMAINING SCHEDULE
October 7, 8 & 9 --------------- Shell Oil Company
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
Purdue University ----- The Isotope Ratio Ecology and Hydrology (IREH, www.purdue.edu/eas/ireh) group in the Earth and Atmospheric Sciences Department is soliciting applications for a full-time Postdoctoral Research Fellow to conduct research on the spatial and temporal distribution of stable isotope ratios in continental fresh water resources. The project will involve targeted sampling campaigns, database development, and statistical/geostatistical analysis
and modeling of isotopic data. A background in (bio)geochemistry, ecology, or hydrology, familiarity with stable isotopes and a Ph.D. at the time of appointment are required. Experience with GIS and geostatistics is preferred. The postdoctoral fellow must be a US citizen. The position will be available on or about October 15, 2007. Applications will be reviewed beginning immediately and until the position is filled. To apply, please send a current CV and brief description of your research interests to Gabe Bowen (gabe@purdue.edu). Will be accepting applications until Oct. 10. 765-496-9344 ----- gabe@purdue.edu ----- http://purdue.edu/eas/ireh/ --- --- Earth and Atmospheric Sciences 550 Stadium Mall Dr. ------ Purdue University ------ West Lafayette, IN 47907 ------ www.waterisotopes.org

Memorial University of Newfoundland ------ The Department of Biology ------ 3 Tenure-track faculty positions in biology ------ A detailed description of the Department’s research program is at http://www.mun.ca/biology. Invite applications for 3 assistant professor appointments. Microbiology ------ VPA-BIOL-2007-001 ------ Potential research areas could be but are not limited to microbial ecology, physiology or molecular biology.

1. Marine invertebrate biology VPA-BIOL-2007-0002 ------ Potential research areas could be but not limited to marine ecology, physiology, behaviour, or molecular biology.

2. Bioinformatics ------ BPA COSC-2007-001 ------ a PhD in Computer Science, Computational Science, Biology or related fields is required and post-doctoral or equivalent experience is desirable.

The closing date for all positions is January 5, 2008. Candidates should submit a letter of application with the names and addresses of 3 referees, current CV, statement of proposed research and list of equipment and facilities needed to: Email: everson@mun.ca and any questions to pmarino@mun.ca.

Göteborg University. ------ Postdoctoral position in Environmental Sciences on “Biogeochemical studies in contrasting drained forested peat soils” ------Ref nr E36 3319/07 ------ Department of Plant and Environmental Sciences ------ Last application date: 2007-11-15 ------ The project is focused on biogeochemical studies on N/C-cycling in drained organic forest soils. The work will be conducted through laboratory and field studies. The work will be conducted within the NitroEurope project (www.nitroeurope.eu) and ultimately aims to improve simulation models for drained organic soils. The work will be part of several research projects on net-fluxes of greenhouse gases, both at a national level (www.dpes.gu.se/forskning/vaxtekologi/Skogaryd) as well as at a Nordic level (NECC, www.necc.nu/NECC/home.asp). Furthermore, the modeling work could be link to the interdisciplinary research platform Tellus (www.gvc2.gu.se/ngeo/tellus) at GU. The position is full-time for a period of maximum two years. The starting date is negotiable, but the position is available from autumn 2007. Qualification requirements and assessments: PhD degree in Biology, Environmental science or Forest science with emphasis on biogeochemistry or similar. Candidates will be assessed primarily on their scientific skills, including the time taken to obtain these qualifications. Good English writing is a requirement as well as driver's license. Information about the position is available from Professor Leif Klemmedtsson, phone: +46-31-786 2632, fax: +46-31-7862626, e-mail: Leif.klemmedtsson@dpes.gu.se or Prof. Dr. ir. Pascal Boeckx, phone: +32 9 264 60 00, Fax: +32 9 264 62 30, e-mail: pascal.boeckx@ugent.be or the head of department Göran Wallin, phone: +46-31-786 2620, e-mail: goran.wallin@dpes.gu.se. Written applications should be sent to: Registrar, Göteborg University, Box 100, SE 405 30 Göteborg, Sweden Applications should be marked Ref. no. E36 3319/07 and include a complete CV, a letter describing the applicant’s motivation for applying, and a copy of the applicant’s examination certificate and passport or ID-card. Note: No application sent by e-mail will be accepted

University of Otago ------ The Department of Geology has an opening for a Scientific Officer to manage electron microprobe lab. Applications are invited for the full-time position of Scientific Officer to support teaching and research in the Department of Geology. The key duties associated with this position include: maintain and operate the Department's JEOL JXA-8600 electron microprobe analyzer; help maintain and operate XRD and XRF equipment; train students and staff in the practical elements of electron microprobe, x-ray analysis and related techniques; help manage administrative and HSNO-related aspects of the Department's geochemistry suite and other laboratories; from time to time, assist academic staff to organise and teach lectures, seminars, laboratories and field courses related to mineralogy, petrology and geochemistry. (Detailed job description: http://www.otago.ac.nz/jobdescriptions/G07-693.pdf). Candidates should have MSc or equivalent in Geology or Earth Science, although other qualifications may be acceptable if matched by appropriate experience with analytical equipment/geochemistry. While this position is open to applications from outside of Dunedin, New Zealand, relocation assistance will not be available should the successful applicant currently reside elsewhere in the country or world. Applications quoting reference Number G07/693 close on Thursday 11 October 2007. For further information, please contact Associate Professor R. Ewan Fordyce, Head of Department, Department of Geology, Tel 03 479 7535, Email hod.geology@stonebow.otago.ac.nz

University of Wyoming ------ Aqueous and Environmental Geochemistry-- The Department of Geology and Geophysics invites applications for a tenure-track Assistant Professor position in the broadly defined area of aqueous and environmental geochemistry beginning in August 2008. Interested in promising scientists in fields of research including, but not restricted to, aqueous and environmental geochemistry, mineral-fluid interface geochemistry, microbiological geochemistry, reactive and contaminant transport, watershed chemistry and weathering, and groundwater geochemistry. The Department of Geology and Geophysics has well-equipped and staffed laboratories for SEM, XRD, EPMA, TIMS for radiogenic isotopes, and a full range of aqueous geochemical analyses from automated titrations to ICP-MS. Several user facilities on campus afford easy access to a wide variety of analytical techniques, from stable isotope analysis to PCR. Additional information on the Department Geology & Geophysics can be obtained at http://home.gg.uwyo.edu/. Information about the School of Energy Resources is available at http://uwacadweb.uwyo.edu/SER/ and the Haub School and Ruckelshaus Institute at http://www.uwyo.edu/ENR/enrschool.asp. Applications should include a statement of research and teaching interests and accomplishments, curriculum vitae, and the names and contact information for three individuals who can provide letters of evaluation. Review of completed applications will begin November 1, 2007; however, applications will be accepted until January 31, 2008. Send an electronic copy of your application to: Ms. Carol Pribyl at cpribyl@uwyo.edu; if you have additional application materials to send, please direct them to the Geochemistry Search Committee, Department of Geology and Geophysics, University of Wyoming, 1000 East University Avenue, Dept. 3006, Laramie, WY 82071-2000.

UNIVERSITY OF OKLAHOMA ------ A postdoctoral position is immediately available in the Petroleum Geochemistry group, School of Geology, to work on a project related to unconventional gas sources. There are multiple aspects to this study and it is related to both the Barnett Shale in the Ft. Worth Basin and the Woodford shale in the Anadarko Basin. Isotopic characterization and compositional analyses of the gases along with the characterization of the various source facies are being used to provide a comprehensive understanding on the origin of the gas in these basins. In addition gas isotopes are being used to investigate the thermal maturity trends in the basins and
source rock specific kinetics will be obtained for these trends. The results will be used to predict
the source of gas in different parts of the basin, the total volume of gas generated, the maturity of
gas, the timing of gas generation, gas composition (e.g., wetness), gas migration pathways, and
compartmentalization within fields. Ideally looking for someone with a background in gas
geochemistry and experience with stable isotopes. However anyone with a good background in
other areas of organic/petroleum geochemistry is strongly encouraged to apply. If interested
please send an email to pphilp@ou.edu.

CSIRO Land and Water ----- Office of Chief Executive (OCE) Postdoctoral Fellowship -------
Applications are invited for a three-year term. Seeking a highly motivated isotope biogeochemist,
experienced in the application of compound-specific isotopic analyses to join our Aquatic
Biogeochemistry and Ecology Group. The research of the appointee will focus on the identification
of sources, pathways and fluxes of nutrients and pollutants within and between aquatic and
terrestrial ecosystems, by applying established and developing new compound-specific isotopic
techniques. The appointee will be expected to interact creatively and effectively with team
members to develop new compound-specific isotopic techniques to distinguish organic matter
species and contaminant transport in managed and pristine aquatic systems around Australia.
More information and application details can be found at:
CSIRO Land and Water ----- Glen Osmond SA 5064

The University of Alaska Fairbanks (UAF) School of Fisheries and Ocean Sciences invites
applications for three tenure-track, full-time Assistant/Associate Professors in the Institute of
Marine Science located in Fairbanks, Alaska. Successful candidates will have the interest and
capability to play a substantial role in the development of the Alaska Ocean Observing System
(AOOS) (http://ak.aoons.org/). Creative individuals with strong scientific and academic expertise
from any of the major oceanographic disciplines (biological, chemical, geological, and physical
oceanography) who augment existing expertise are encouraged to apply. Possible areas of focus
include but are not limited to shelf-slope dynamics, air-sea or air-sea-ice interaction, sediment
dynamics, microbial ecology and organic and/or tracer chemistry. Two of the positions will be
based in Fairbanks and the third may be based at the UAF Seward Marine Center in Seward,
Alaska, which is being developed as a logistics center for ocean observing. Qualified applicants
must possess a Ph.D. in oceanography or related field from an accredited university by the time of
hire, must be proficient in English, have university-level teaching ability and must have a strong
research and publication record appropriate to their experience and date of degree. Additional
information about the position can be found on the SFOS website at
www.sfos.uaf.edu/employment. To apply, please go to https://www.uakjobs.com and click on the
“Create Application” link to create a username and password. Once you have completed this step,
click on Job Posting Search. Enter position number 0054201 to find this particular position. You will
be asked to attach a statement of interest, a CV, and contact information for three references. If
you need assistance, please contact UAF Human Resources at 907-474-7700. For any other
questions about the positions please contact Dr. Mark Johnson, Search Committee Chair, at 907-
474-6933. Review of applications will begin November 1, 2007, and continue until the positions are
filled.

University of California, Santa Cruz ----- The Department of Earth and Planetary Sciences
(EPS) seeks a geologist whose research focuses on the dynamics and evolution of continental and
marine lithosphere, including its surface. Particularly interested in candidates concentrating on
research areas that incorporate, but are not restricted to: evolution of mountain belts,
geomorphology, active tectonics, and climate-tectonics interactions. The Department of Earth and
Planetary Sciences (http://www.es.ucsc.edu) RANK: Assistant Professor  Minimum Qualifications: Ph.D. (or equivalent) in Earth Sciences or related field; a demonstrated record of research excellence and potential to obtain external funding; and a commitment to and talent for teaching at graduate and undergraduate levels. POSITION AVAILABLE: Fall 2008 TO APPLY: To ensure full consideration, send curriculum vitae, a brief summary of research and teaching interests, reprints, and arrange to have five letters of recommendation sent to ----- Assistant Professor Search Committee ----- c/o Judy Van Leuven, MSO ----- University of California, Santa Cruz ----- Department of Earth and Planetary Sciences ----- 1156 High Street ----- Santa Cruz, CA 95064 ----- Please refer to position #357-08 in all correspondence. ----- (Inquiries only: judy@pmc.ucsc.edu; 831-459-4478) CLOSING DATE: The position will remain opened until filled. Screening will begin with applications postmarked by December 1, 2007. To ensure full consideration, all application materials must arrive by the initial screening date. VISIT THE WEB SITE http://www2.ucsc.edu/ahr

San Diego State University ------- Faculty Position/Applied Geophysics ----- The Department of Geological Sciences ------- invites applications for a tenure-track faculty position in Applied Geophysics, to begin in Fall 2008. Appointment at the Assistant Professor level, although a more senior appointment may be considered in exceptional circumstances. The successful candidate will have demonstrated excellence in research, with the capability to establish a strong, externally funded research program involving students at all levels, including PhD students through the University’s program in Computational Sciences and prospective joint doctoral program in Earthquake Science and Applied Geophysics with the University of California, San Diego. Research areas of interest to the Department include (but are not limited to) energy and minerals exploration/production; engineering, environmental or hydrological applications of geophysical methods; and subsurface imaging, at any scale, directed toward the understanding, assessment, and/or mitigation of geologic hazards. Visit the Department at: http://www.geology.sdsu.edu/). A Ph.D. is required at the time of appointment. Applicants should send (by mail or email) a letter of application describing teaching and research interests, curriculum vitae, and the names and contact information (including phone numbers and email addresses) of three references, to Applied Geophysics Search Committee Chair, Department of Geological Sciences, San Diego State University, San Diego, CA 92182-1020, Email: pparrish@sciences.sdsu.edu. Applicants should also request that the three letters of recommendation be mailed or emailed directly to the search committee at the above address. Review of applications will begin November 1, 2007 and continue until the position is filled.

University of California – Santa Barbara ------- The Department of Earth Science ------- Seek a broadly educated geoscientist who conducts creative research on the structural/petrological evolution of the continents. A field orientation combined with expertise in analytical tools, such as geochronology or isotope geochemistry, or computational skills, such as numerical modeling or GIS analysis, is required. The appointee is expected to develop a vigorous, externally funded research program and teach undergraduate and graduate courses. This tenure-track appointment will be as an Assistant Professor to begin July 1, 2008. A Ph.D. is required at the time of appointment. Review of applications will begin October 15, 2007. Applicants should submit a PDF file containing a letter of application, curriculum vita, a description of teaching and research objectives and accomplishments, and a list of names and contact information of the referees. The application file and letters of reference should be submitted via email to continental_dynamics@geol.ucsb.edu. Queries about this application can be directed to Bradley Hacker (hacker@geol.ucsb.edu). For more information about the department (visit www.geol.ucsb.edu). Bradley R. Hacker office: Webb 2120 tel +1 805.893.7952 dept +1
Texas Tech University ------ The Department of Geosciences ------ Tenure track, Assistant Professor position in mineralogy to begin in Fall 2008. A PhD in earth sciences is required at the time of appointment. Seek a person with research and teaching interests in the broad field of mineralogy & earth materials. Candidates must be able and willing to teach undergraduate courses in "Earth Materials" and/or Crystallography & Optical Mineralogy". Review of applicants will begin on December 1, 2007. Applications should be submitted through the Texas Tech University Employment Website: http://www.depts.ttu.edu/personnel/applicant-information.aspx, referencing requisition #75045. A letter of application, a concise description of teaching philosophy and research objectives, curriculum vita, and names and contact information, including e-mail addresses, of at least three professionals who will write letters of recommendation should accompany the application. These materials and any additional material the applicant may wish to send may be uploaded as attachments during the electronic application process, or may be mailed to: Mineralogy Search Committee, Department of Geosciences, MS 1053, Texas Tech University, Lubbock, TX 79409-1053. Representatives of the Department will be present at the GSA Annual Meeting in Denver October 28-31. Additional information about the department may be found at www.gesc.ttu.edu. General information about Texas Tech University can be found at www.ttu.edu.

Colorado State University ------ Postdoctoral Research Associates, AIRIE Program, Two postdoc positions are available immediately through a $2.3M Petromaks award from the Norwegian Research Council and the petroleum industry, based on a partnership with the Geological Survey of Norway in Trondheim. The positions, located at AIRIE-CSU in Fort Collins, are funded for 4 years each, contingent on performance. The project will use Re-Os geochemistry to link source rocks with hydrocarbon resources in the Barents and Norwegian Seas. Both positions emphasize modeling of Arctic petroleum resources through Re-Os isotopic analysis of organic material beginning with methods already in place at AIRIE. The first position will emphasize sedimentologic and biostratigraphic issues in Mesozoic sections using Re-Os ages and initial Os ratios. The second position will address Re and Os behavior in hydrocarbons during maturation and migration, and distribution of Re and Os among hydrocarbon species. For further information, go to http://airie.cnr.colostate.edu or www.ngu.no. To apply, send a statement of qualifications, CV, and names and e-mail addresses of three references to Dr. Holly Stein, Director, AIRIE Program, at hstein@warnercnr.colostate.edu. Review begins 1 Nov.

University of Washington ------ Seeking applications for a tenure-track faculty position to serve as academic curator of genetic resources at the Burke Museum (http://www.burkemuseum.org) and as a faculty member in the Biology Department. Appointment is anticipated at the Assistant Professor rank. Ph.D. required by date of appointment. University of Washington faculty engage in teaching, research and service. The successful candidate should conduct externally-funded research in such areas as molecular systematics, evolution, or ecology at the population or phylogenetic level. This position is open to anyone working on any group of organisms; seek someone with experience in collection and preservation of tissue and DNA. Send CV, descriptions of research/teaching interests, three letters of reference, and reprints (.pdf) of three recent publications to > http://www.burkemuseum.org/curator/. Priority will be given to > applications received before November 15, 2007. For more information contact Richard Olmstead (olmstead@u.washington.edu).