



Sedimentary Geology Division

GEOLOGICAL SOCIETY OF AMERICA

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MESSAGE FROM THE CHAIR

Please attend the Sedimentary Geology Division sponsored and co-sponsored events at the upcoming 2005 GSA Annual Meeting, October 16-19, in Salt Lake City, UT. In addition to numerous field trips, sixteen theme and discipline oral sessions, and eleven poster sessions, we are once again co-sponsoring (with SEPM) a Saturday Sedimentary Forum, 8:30 am – 11:30am, 1:30 pm – 5:00 pm. Note that there are events (theme and poster sessions) honoring distinguished sedimentary scientists (Bob Ginsberg, Bob Folk, and Don Swift). Please include these in your schedule for the meeting! Special thanks to our JTPC representatives this year (Linda Kah and John Holbrook) for all their help.

There are still Division resources available for student travel grants to attend the meeting. If you know of a student who plans to attend, please encourage them to send a request to Paul Link linkpaul@isu.edu.

We have held elections for the 2005-06 Division officers, and our committees and management board have determined this year's Laurence L. Sloss and Student Research Grant awardees. Daniel Larsen was elected as Second Vice-Chair for the upcoming year, and the officer roster will cycle through, with Chris Paola becoming the Chair and Michael Pope moving to First Vice-Chair. I will become Past Chair. If anyone would like to become a Division officer, or if you would like to suggest a colleague, please contact any one of the officers and they will forward the information to the Nominating Committee.

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Sedimentary Geology Division E-Mail Contacts: Laura Crossey (Chr) lcrossey@unm.edu; Chris Paola (1st Vice-Chr) cpaola@tc.unm.edu; Mike Pope (2nd Vice-Chr) mcpope@wsu.edu; Paul Link (Secty-Treas) linkpaul@isu.edu; Carol deWet (Past Chr) c_dewet@acad.fandm.edu; Mariana Rhoades (Edtr) mrhoades@sjfc.edu; Becky Dorsey (Web) rdorsey@darkwing.uoregon.edu; John Holbrook (JTPC) holbrook@uta.edu; Linda Kah (JTPC) lckah@utk.edu; Jill Schneiderman (GSA Council Liaison) schneiderman@vassar.edu; Rick Sarg (SEPM Rep) rick.sarg@exxonmobil.com.

MESSAGE FROM THE CHAIR continued from p. 1

Because of our system of one year rotations you have a chance to gradually learn about the Division as you move from Second Vice-Chair to First Vice-Chair to Chair, so the overall commitment is not onerous. If there is any activity of the Division that you have an interest in participating in, please contact me at lcrossey@unm.edu.

The Division's *Laurence L. Sloss* award will be presented to **Dr. Teresa Jordan** during the Division Reception this year. There's a new February 1 deadline for nominations, so watch *GSA Today* and/or go to <http://www.geosociety.org/aboutus/awards/divisions.htm> for more information. Please participate by nominating an outstanding colleague for next year.

The **Student Research Grant Award** for the best student proposal will be presented to Jennifer Aschoff for her research on distal sandstone deposition within the Cordilleran foreland basin.

GSA Annual Meeting – Sedimentary Geology Division Booth

► ► Stop by the **Division's booth** in the exhibit hall (co-sponsored with the Geobiology & Geomicrobiology Division) to get a schedule of sedimentary sessions, posters, and events during the meeting, pick up a Sedimentary Geology Division sticker for your badge, make a donation for a logo 4-color pen or polished rock slab, and meet like-minded colleagues!

We are also still collecting sedimentary-related books, software, rocks, or other items to distribute (for a donation) at the booth. Please bring your contributions to the booth or send them *now* to Laura Crossey, Dept. of Earth and Planetary Sciences, 200 Yale NE, University of New Mexico, Albuquerque, NM 87131.

If you would like to help the Division, please sign up to be in the booth for a short stint during the meeting. E-mail me at lcrossey@unm.edu, and I will find a time that meets your needs. (If you are interested in someday becoming a Division officer, this is a great opportunity to meet fellow members and learn more about the Division.)

Division Reception: Refreshments, Awards and Sedimentary Science

► ► Everyone is invited! It is not a closed business meeting for Division officers but is first and foremost a venue for ALL of the members to see each other and interact in an informal setting. The meeting is Tuesday, October 18th, 5:45-7:00 pm, Salt Palace Convention Center, room 151G, right after the technical session ends.

We will have wine and hors-d'oeuvres, as well as coffee, lemonade and iced tea. Bill Morgan, President of our sister society, SEPM, will give a brief report on SEPM activities, with information on electronic journals of the society. We will recognize Dr. Teresa Jordan as an outstanding individual who has made significant contributions to the field of sedimentology through the Laurence L. Sloss Award for Sedimentary Geology, and encourage emerging stars with the Student Research Grant award. We will also discuss ideas for Division leadership structure and ideas for our upcoming Divisional anniversary (25th anniversary in 2010).

We are looking forward to a great meeting in Salt Lake City in October and hope to see all of you at the Division events!

Students! TRAVEL FUNDS to help you attend the 2005 GSA Annual Meeting in Salt Lake City are still available from the Sedimentary Geology Division. Contact SGD Secretary-Treasurer Paul Link at linkpaul@isu.edu now!

The Geological Society of America ANNUAL MEETING & EXPOSITION

16-19 October 2005

Salt Lake City (SLC), Utah

Salt Palace Convention Center (SPCC)

SLC 2005 FIELD TRIPS

TRIP CANCELLATION DEADLINE: 19 September 2005

ATTENTION STUDENTS

GSA's **Sedimentary Geology Division** is cosponsoring several field trips and will subsidize ten student members of the division (see individual trip descriptions for those sponsored). Students must pay the full field trip fee when registering, but will be reimbursed US\$100 after the GSA meeting by the Sedimentary Geology Division. To be reimbursed, students must apply by e-mail, before the Annual Meeting, to Paul K. Link, Secretary of the Sedimentary Geology Division, at linkpaul@isu.edu. In the application, students must provide their GSA member number, certify that they are members of the Sedimentary Geology Division, and provide their social security number and address.

PRE-MEETING FIELD TRIPS

1. Neoproterozoic Uinta Mountain Group of Northeastern Utah: Pre-Sturtian Geographic, Tectonic, and Biologic Evolution [401]

Thurs-Fri, 13-14 Oct. Cosponsored by *GSA Sedimentary Geology Division*. Carol M. Dehler, Dept of Geology, Utah State Univ, Logan, UT 84321, +1-435-797-0764, fax +1-435-797-1588, chuarria@cc.usc.edu; Susannah Porter; Doug Sprinkel. Max: 27; min: 12. Cost: US\$185 (2L, R, 1ON, vans). *This field trip is in conjunction with the Pocatello Formation and Overlying Strata, Southeastern Idaho: Snowball Earth Diamictites, Cap Carbonates, and Neoproterozoic Isotopic Profiles. Field trip held Sat, 15 Oct.* This trip will focus on the stratigraphy, sedimentology, isotope geochemistry, and paleontology of the siliclastic Neoproterozoic (pre-Sturtian) Uinta Mountain Group. We will examine deposits representing offshore marine to fan-delta to fluvial environments and contemplate how these rocks fit into the picture of Rodinia breakup, severe climate changes, and biologic evolution of the Neoproterozoic era.

5. Ice in Equatorial Pangea: The Unaweep-Cutler System [405]

Thurs-Sat, 13-15 Oct. Cosponsored by *GSA Sedimentary Geology Division; GeoSystems*. G.S. (Lynn) Soreghan, School of Geology and Geophysics, University of Oklahoma, Norman, OK 73019, +1-405-325-4482, fax +1-405-325-3140, lsoreg@ou.edu. Max: 24; min: 12. Cost: US\$270 (3L, R, 2ON, vans). This trip will highlight emerging data documenting late Paleozoic glaciation in the Uncompahgre-Paradox region (western Colorado), focusing on Unaweep Canyon and the Cutler Formation. The Cenozoic evolution of Unaweep Canyon will also be addressed. Documentation of glaciation in equatorial Pangea bears on our understanding of late Paleozoic climate and regional tectonics.

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PRE-MEETING FIELD TRIPS continued**6. Lacustrine Records of Laramide Landscape Evolution, Green River Formation [406]**

Thurs-Sat, 13-15 Oct. Cosponsored by *GSA Limnogeology Division; GSA Sedimentary Geology Division*. Alan Carroll, Dept. of Geology & Geophysics, University of Wisconsin, Madison, WI 53706, +1-608-262-2368, fax +1-608-262-0693, carroll@geology.wisc.edu; Paul Buchheim; Arvid Aase. Max: 33; min: 10. Cost: US\$340 (3B, 3L, 1D, R, 2ON, vans). The Green River Formation contains a relatively complete and highly resolved record of the geomorphic evolution of the surrounding landscape. This trip will examine the utility of lake basins for interpreting past orogenic and geomorphic processes and will also provide an introduction to the sedimentology and stratigraphy of large lake systems. A collecting stop for fossil fish is also planned.

7. Late Cretaceous Stratigraphy, Depositional Environments, and Macrovertebrate Paleontology in Grand Staircase-Escalante National Monument, Utah [407]

Thurs-Sat, 13-15 Oct. Cosponsored by *GSA Geobiology and Geomicrobiology Division; GSA Sedimentary Geology Division*. Alan L. Titus, Grand Staircase-Escalante National Monument, 190 E. Center Street, Kanab, UT 84741, +1-435-644-4332, fax +1-435-644-4350, Alan.Titus@blm.gov; John D. Powell; Eric Roberts; Stonnie Pollock; Jim Kirkland; L. Barry Albright. Max.: 36; min.: 12. Cost: US\$220 (3L, R, 2ON vans). Grand Staircase-Escalante National Monument contains one of the most continuous records of Late Cretaceous terrestrial biota in North America. This record occurs in a spectacular 2000+ meter thick foreland basin sequence deposited in a coastal plain setting. Recent finds in the monument include dinosaur skeletons with soft tissue preservation and several new species of larger vertebrates. This trip will provide an overview of the region's Cretaceous geology and paleontology, emphasizing findings of the Bureau of Land Management – sponsored research.

POST-MEETING FIELD TRIPS**14. Pocatello Formation and Overlying Strata, Southeastern Idaho; Snowball Earth Diamictites, Cap Carbonates, and Neoproterozoic Isotopic Profiles [414]**

Sat, 15 Oct. Cosponsored by *GSA Sedimentary Geology Division*, Paul Link, Dept. of Geosciences, Idaho State University, Pocatello, ID 83209, +1-208-282-3846, fax +1-208-282-4414, linkpaul@isu.edu; Frank Corsetti; Nathaniel Lorentz. Max: 30; min: 10. Cost: US\$80 (1L, R, vans). *This field trip is in conjunction with the Neoproterozoic Uinta Mountain Group of Northeastern Utah: Pre-Sturtian Geographic, Tectonic, and Biologic Evolution field trip held Thurs-Fri, 13-14 Oct.* This trip will traverse two Neoproterozoic sections in the Portneuf Narrows area, southeastern Idaho, requiring climbs of 800 and 400 ft. Sections are Scout Mountain Member, Pocatello Formation, including ca. Ma 710 glacial diamictites, dolomite cap. 667 Ma tuff, and upper caplike carbonate; and cyclic Blackrock Canyon Limestone, with upward-shallowing siliciclastic to carbonate cycles and microbial mounds.

21. Mesozoic Lakes of the Colorado Plateau [421]

Wed-Sat, 19-22 Oct. Cosponsored by *GSA Limnogeology Division; GSA Sedimentary Geology Division*. Tim Demko, Dept. of Geological Sciences, University of Minnesota, Duluth, MN 55812, +1-218-726-8340, fax +1-218-726-8275, tdemko@umn.edu; Kathleen Nicoll; Steve Hasiotis, Lisa Park; Joe Beer, Max: 30; min: 10. Cost: US\$300 (3L, ID, R, 3ON, vans). This trip will highlight the lacustrine deposits in the Mesozoic strata of the southern Colorado Plateau. We will examine the evolution of lacustrine deposystems within the themes of continental ecosystems and Pangaeon and post-Pangaeon paleogeography and paleoclimatology. Stops will examine lake deposits of the Triassic Chinle and Jurassic Morrison Formations in the Moab, Four Corners, and Glen Canyon-Capitol Reef areas.

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POST-MEETING FIELD TRIPS continued**27. Sedimentology and Sequence Stratigraphy of Isolated Shelf Turbidite Bodies, Book Cliffs, Utah [427]**

Thurs-Sat, 20-22 Oct. Cosponsored by *GSA Sedimentary Geology Division*. Simon A.J. Pattison, Dept. of Geology, Brandon University, Brandon, Manitoba R7A 6A9, Canada, + 1-204-727-7468, fax + 1-204-728-7346, pattison@brandonu.ca; Huw Williams; Trevor A. Hoffman, Max: 30; min: 5. Cost: US\$240 (3L, R, 2ON, vans). This field trip will examine the sedimentology, sedimentary architecture, sequence stratigraphy, paleogeography, and depositional model of Mancos Shale-encased, isolated sandstone bodies in the Green River to Thompson area, Book Cliffs, eastern Utah. Inner shelf turbiditic channels and lobes are concentrated in the upper Aberdeen and lower Kenilworth members. Implications for shoreline-to-shelf facies models and sequence stratigraphic models will be discussed.

SALT LAKE CITY 2005: SHORT COURSES**1. Introduction to Geographic Information Systems (GIS), Using ArcGIS9 for Geographic Applications [501]**

Fri-Sat, 14-15 Oct, 8 am – 5pm. Cosponsored by *GSA Geoscience Education Division*; *Environmental Systems Research Institute*.

This short course will introduce the use of GIS in geology related applications through brief lectures, and hands-on computer exercises. Concepts in creating a GIS project in geology will be discussed including creation of data (GPS, RS, digitizing), conversion of data, metadata, different data formats (vector and raster) and accessing data from several sources (tables, shapefiles, coverages, CAD, geodatabases and grids). Participants do not need to have experience with ArcGIS, but familiarity with Windows OS is beneficial.

Faculty: Ann B. Johnson, Higher Education Manager, Environmental Systems Research Institute, Redlands, Calif., Ph.D., California State University; Willy Lynch, Instructor, Environmental Systems Research Institute, Denver, Colo., M.S., University of Utah; Esther Worker, Education Account Manager, Environmental Systems Research Institute, Denver, Colo., B.A., University of Colorado-Boulder. Limit: 24 Fee: US\$330; includes course manual and lunch. CEU: 1.6. NOTE: Additional Short Courses, see page 19,20 *GSA Today*, June 2005.

PARDEE KEYNOTE SYMPOSIUM - INVITED PAPERS

The Pardee Keynote Symposia are made possible by a grant from the Joseph T. Pardee Memorial Fund. (All speakers are invited.)

P1. 2004 South Asian Tsunami

GSA Geophysics Division; GSA International Division; GSA Sedimentary Geology Division; GSA Structural Geology and Tectonics Divisions; GSA Geology and Society Division

Sunday, 16 Oct, 1:30-5:30pm, Salt Palace Convention Center, Ballrooms AC

Marine/Coastal Science; Neotectonics/Paleoseismology; Public Policy

Joanne Bourgeois, University of Washington, Seattle, Wash.;

Brian F. Atwater, U.S. Geological Survey, Seattle, Wash.

The South Asian Tsunami of 26 December 2004 raises questions about the parent earthquake, the tsunami's generation and runup, and global access to the benefits of science.

TOPICAL AND DISCIPLINE SESSIONS

T33. Water, Solute, and Sediment Fluxes through Carbonate and Karst Aquifers

GSA Hydrogeology Division; GSA Sedimentary Geology Division; Karst Waters Institute.

Hydrogeology; Quaternary Geology/Geomorphology; Sediments, Clastic. Ira D. Sasowsky, University of Akron, Akron, Ohio; Jonathan B. Martin, University of Florida, Gainesville, Fla. ORAL and POSTER.

ORAL: 8:00 am-12:00 PM, Salt Palace Convention Center, 250 AB; MON., OCT. 17

POSTERS: 1:30-5:30 PM, Salt Palace Convention Center, Hall C; TUE., OCT. 18

T64. Comparative Carbonate Sedimentology: A Tribute to the Career of R.N. Ginsburg

GSA Sedimentary Geology Division. Sediments, Carbonates; Environmental Geoscience;

Stratigraphy. Peter Swart, University of Miami, Miami, Fla.; George Eberli, University of Miami, Miami, Fla. ORAL and POSTER

ORAL: 8:00 AM-12:00 PM, Salt Palace Convention Center, 151 G; MON., OCT. 17

POSTERS: 1:30-5:30 PM, Salt Palace Convention Center, Hall C; MON., OCT. 17

T65. Establishment of an Integrated and Calibrated Chronostratigraphic Framework for High Resolution Sequence Stratigraphic Analysis, Stratal Correlation, and Sedimentary Basin Geohistory Reconstruction

GSA Sedimentary Geology Division. Stratigraphy; Sediments, Carbonates; Sediments, Clastic.

Earnest A. Mancini, University of Alabama, Tuscaloosa, Ala. ORAL

ORAL: 1:30-5:30 PM, Salt Palace Convention Center, 151G; SUN., OCT. 16

T66. Petrographic Methods Applied to Sedimentary Rocks: To Celebrate the 80th Birthday of Bob Folk.

GSA Sedimentary Geology Division; Society for Sedimentary Geology (SEPM). Sediments,

Carbonates; Sediments, Clastic; Mineralogy/Crystallography. Kitty Milliken, University of Texas at Austin, Austin, Tex.; F. Leo Lynch, Mississippi State University, Mississippi State, Miss. ORAL and POSTER

ORAL: 1:30-5:30 PM, Salt Palace Convention Center, 151 DEF; MON., OCT. 17

T67. Reading the Record of the Rocks: Resolving the Tectonic and Eustatic Signals in Stratigraphic Successions: In Honor of Don Swift on his 70th Birthday.

Society for Sedimentary Geology (SEPM). Stratigraphy; Geophysics/Tectonophysics/Seismology;

Marine/Coastal Science. Nora Noffke, Old Dominion University, Norfolk, Va.; Donald J.P. Swift, Old Dominion University, Norfolk, Va. ORAL

ORAL: 8:00 AM-12:00 PM, Salt Palace Convention Center, 151 G; TUE., OCT. 18

T68. Recent Advances in the Application of Sedimentology and Stratigraphy to Tectonic Problems

GSA Sedimentary Geology Division; GSA Structural Geology and Tectonics Division. Tectonics;

Stratigraphy; Geochemistry, Other. David Barbeau, University of South Carolina, Columbia, S.C.; Andrew Leier, The University of Arizona, Tucson, Ariz. ORAL and POSTER

ORAL: 8:00 AM-12:00 PM, Salt Palace Convention Center, 151 G; WED., OCT. 19

POSTERS: 1:30-5:30 PM, Salt Palace Convention Center, Hall C; WED., OCT. 19

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TOPICAL & DISCIPLINE SESSIONS continued**T69. Refining the Global Neoproterozoic Geologic Record**

GSA Sedimentary Geology Division; GSA Geobiology and Geomicrobiology Division. Precambrian Geology; Stratigraphy; Geochemistry, Other. Carol M. Dehler, Utah State University, Logan, UT; Paul K. Link, Idaho State University, Pocatello, ID; Frank A. Corsetti, University of Southern California, Los Angeles, CA. ORAL and POSTER

ORAL: 8:00 AM-12:00 PM, Salt Palace Convention Center, 151 G; SUN., OCT. 16

POSTER: 8:00 AM-12:00 PM, Salt Palace Convention Center, Hall C; MON., OCT. 17

T70. Resolving the Late Paleozoic Gondwanan Ice Age in Time and Space: Integration of Southern and Northern Hemisphere Records

GSA Sedimentary Geology Division. Stratigraphy; Sediments, Clastic; Sediments, Carbonates. C.R. Fielding, University of Nebraska, Lincoln, NE; T.D. Frank, University of Nebraska, Lincoln, NE; J.L. Isbell, University of Wisconsin, Milwaukee, WI. ORAL

ORAL: 1:30-5:30 PM, Salt Palace Convention Center, 151C; MON., OCT. 17

POSTER: 10:00 AM -12:00 PM, Salt Palace Convention Center, 151 DEF; WED., OCT. 19

T71. Sedimentary Basins in Transition: Stratigraphic and Structural Records of Plate Tectonic Reconfiguration (Posters)

GSA Sedimentary Geology Division. Tectonics; Stratigraphy; Structural Geology. Cari L. Johnson, University of Utah, Salt Lake City, UT; Kenneth Ridgway, Purdue University, West Lafayette, IN.

POSTERS: 1:30-5:30 PM, Salt Palace Convention Center, Hall C; TUE., OCT. 18

T72. Sedimentology Goes to Mars

GSA Planetary Geology Division; GSA Sedimentary Geology Division. Planetary Geology; Sediments, Clastic. R. Aileen Yingst, GSA Planetary Geology Division, Green Bay, WI; Kenneth Edgett, Malin Space Science Systems, San Diego, CA. ORAL and POSTER

ORAL: 1:30-5:30 PM, Salt Palace Convention Center, 151 DEF; WED., OCT. 19

POSTERS: 8:00 AM-12:00 PM, Salt Palace Convention Center, Hall C; WED., OCT. 19

T74. Waves of Destruction: Historical and Geological Records of Tsunami and Their Effects (Posters)

GSA Sedimentary Geology Division. Marine/Coastal Science; Neotectonics/Paleoseismology; Public Policy. Joanne Bourgeois, University of Washington, Seattle, WA.; R. Heather Macdonald, College of William and Mary, Williamsburg, VA. POSTER

POSTERS: 8:00 AM-12:00 PM, Salt Palace Convention Center, Hall C; SUN., OCT.16

T75. Weathering, Sedimentation, and Diagenesis in Major Element Cycles

GSA Sedimentary Geology Division. Geochemistry, Other; Environmental Geoscience; Geochemistry, Aqueous. Robert A. Berner, Yale University, New Haven, CT; Miriam Kastner, Scripps Institute of Oceanography 0212, La Jolla, CA; Abraham Lerman, Northwestern University, Evanston, IL.

ORAL: CYCLE I: 8:00 AM - 12:00 PM, Salt Palace Convention Center, 151 DEF; MON. OCT. 17

ORAL: CYCLE II: 1:30 - 5:30 PM, Salt Palace Convention Center, 151 ABC; MON., OCT. 17

T135. Orogenic Plateaus from Top to Bottom

GSA Structural Geology and Tectonics Division; GSA Sedimentary Geology Division. Tectonics; Geophysics/Tectonophysics/Seismology; Stratigraphy. Bradley D. Ritts, Indiana University, Bloomington, IN; Brian K. Horton, University of California, Los Angeles, CA.

ORAL: 1:30-5:30 PM, Salt Palace Convention Center, Ballroom D; MON., OCT. 17

POSTERS: 8:00 AM-12:00 PM, Salt Palace Convention Center, Hall C; TUE., OCT. 18

TOPICAL & DISCIPLINE SESSIONS continued

Note: The following additional Topical Session was requested by the authors to be placed in the GSA-SGD Newsletter -

T136. Out of the Tethys: The Making of Asia

Tectonics; Stratigraphy; Geophysics/Tectonophysics/Seismology. Rasoul Sorkhabi, University of Utah, Salt Lake City, UT; Ezat Heydari, Jackson State University, Jackson, MS. ORAL & POSTER. Please consult the meeting program for time and location.

**FORUM ON THE FUTURE OF SEDIMENTARY GEOLOGY
(ForSed) MEETING**

The Forum on the Future of Sedimentary Geology (ForSed) will meet on Saturday, October 15 2005, in affiliation with the GSA Annual Meeting in Salt Lake City, Utah. ForSed is an open forum, where we discuss the future direction and potential initiatives in Sedimentary and Stratigraphic research. All individuals interested in this topic are welcome and encouraged to attend. More information on ForSed and results of prior meetings can be found at the NCED website <http://www.nced.umn.edu>. The tentative topics for this meeting are: "Applications of Sedimentologic and Stratigraphic Research to Environmental Management Issues" and "Potential Development of a National Stratigraphic Observatory." The meeting will begin at 9:00 am. Please check the meeting program for room assignment. Feel free to contact either John Holbrook holbrook@uta.edu or Chris Paola cpaola@umn.edu for further information. ForSed is sponsored by SEPM (Society for Sedimentary Geology), NCED (National Center for Earth-Surface Dynamics), the Sedimentary Geology Division of GSA, and the National Science Foundation.

OPEN MIC: RESEARCH TOPICS, BEER AND POPCORN

Tuesday, October 18, 2005

4:00-6:00 pm

Room 151 DEF at the Salt Palace Convention Center

Bring your ideas for innovative research topics within and between the geosciences!

Beer and popcorn provided.

Bring a short abstract and give a 5-minute presentation on new or emerging ideas for geoscience research. An LCD projector and a PC with PowerPoint will be ready. We are looking for the most interesting proposals for innovative, cross-disciplinary geoscience oriented research conference topics. The participating organizations (including SEPM, GSL, and GSA) may select your idea and pledge money and support to jointly sponsor a research conference and/or publication. A new activity at the GSA Annual Meeting; SEPM-Society for Sedimentary Geology sponsor.

ON THE CUTTING EDGE:**TEACHING SEDIMENTARY GEOLOGY IN THE 21ST CENTURY**

A workshop, Teaching Sedimentary Geology in the 21st Century, will be held in July 2006 as part of *On the Cutting Edge*, a professional development program for geoscience faculty. Conveners are Heather Macdonald (College of William and Mary), Kathy Benison (Central Michigan University), Marjorie Chan (University of Utah), Tom Hickson (University of St. Thomas), and Chris Paola (University of Minnesota). To receive an e-mail announcement about the workshop, please send an e-mail to Heather Macdonald rhmacd@wm.edu. For more information, please see the Cutting Edge website at <http://serc.carleton.edu/NAGTWorkshops> later in the fall.

BOOK REVIEWS

***DISSENSIONS* (a novel)**

Author: George D. Klein, CPG

Publisher: Xlibris Corporation, 2003

370 pages

REVIEW first appeared in *The Professional Geologist*, Vol. 42, July/August, p. 3, 2005.

Reviewer: Raymond C. Murray

Permission to reprint the Review has been kindly given by Raymond C. Murray and *The Professional Geologist*, at the request of George D. Klein.

George Klein is a most distinguished geologist with a list of contributions to sedimentary geology as long as your arm. A Yale Ph.D., research at a major oil company laboratory and teaching appointments at three research universities were the making of a great career. After retiring from the university he developed a consulting practice and found time to write this most interesting novel. He says it is a novel, actually he says it is a docunovel which tells the story through dialogue between the characters in the book. It is fair to say that most readers have had some success identifying the characters with people they know. The book is set in the fictional University of Illouria. This is not surprising considering that Klein taught from some time at University of Illinois. The hero Rob Veenstra in many ways has a strong resemblance to George Klein. The theme of the book is a series of intense conflicts within and among members of the fictional geology department. Egos, jealousies, aggressiveness, meanness, unethical behavior and even some criminality are not in short supply. This is the story of a dysfunctional group of people who are trying very hard to demonstrate that Henry Kissinger was right when he said: "University politics are so vicious precisely because the stakes are so small."

When I finished the book my first reaction was that it is a good story by someone with the experience to write such a story. My second reaction was that this is good cultural and intellectual history. Life in the Geology Department at good ole Illouria thirty years ago was unfortunately not unique. Indeed the pattern of behavior continues today in many departments at many universities. It is sometimes said that the humanists are more vicious to each other than other disciplines but the law faculty are trained to be more effective in dealing with their colleagues. In general geologists tend to be rather high on the working together scale. This book suggests that there are exceptions.

This book is a good read for geologists and anyone interested in the seamy side of college and university politics and behavior. If you are one of those fortunate geologists who has read and learned from one or more of George Klein's geologic publications, you must read *Dissensions*. - Ray Murray, Ph.D., Forensic Geologist rmurray@bresnan.net

BEYOND OIL: THE VIEW FROM HUBBERT'S PEAK

Author: Kenneth S. Deffeyes

Publisher: Hill and Wang

202 pages

Review written and submitted by M. Dane Picard

"Let's have a private talk around the kitchen table," says Kenneth Deffeyes near the end of his engaging and informative new book. In brief chapters, filled with anecdotes, he tells the story of his professional life and of his love for petroleum geology and exploration. He summarizes well the problem of world oil supply, the Hubbert method of analyzing oil production (minus the daunting

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BOOK REVIEW: *BEYOND OIL: THE VIEW FROM HUBBERT'S PEAK* continued

mathematics), natural gas, coal, tar sand, oil shale, uranium, hydrogen, and, in a concluding chapter, the "Big Picture." This volume follows the author's successful 2001 book *Hubbert's Peak: The Impending World Oil Shortage*.

Now Professor Emeritus at Princeton University, Deffeyes grew up in the oil patch, was inspired by the excitement of petroleum exploration, graduated from the Colorado School of Mines and Princeton, and, in 1958, went to work at Shell's research lab in Houston. There he met M. King Hubbert (1903-1989), came under that prophet's capricious spell, becoming a friend and true believer. Hubbert predicted U. S. oil production would peak in the early 1970's, which it did. The principal theme of this book is concern for the "disruption of our energy supplies during the next five to ten years," as we pass the peak of world oil production. Deffeyes estimates 24 November 2005 (Thanksgiving Day), give or take a month, to be that point. "When the last dog is dead," he says, world cumulative production will have been about 2 trillion barrels. Since 1998 world production has been nearly flat; no country, "has unused production capacity." Much as it is to be desired, Saudi Arabia probably cannot supply the oil needs of an oil-parched U.S. and China.

Whether you accept Deffeyes's analysis or believe other more optimistic forecasts, hardly anyone thinks we have much time to do what should have been done two decades ago. We have had no national energy policy; the recently passed highly pork-barreled legislation will do little to alleviate the mess we are in. We should be developing alternate sources of energy (nuclear, for example) and we need to adopt stringent conservation policies, especially mandating fuel-efficient vehicles. For most geologists, especially the few who actually study hydrocarbons and minerals and search for them, such steps have been evident for a long time.

I bought this book a few weeks ago in a bookstore in Thermopolis, Wyoming, not far from oil fields in the southern Big Horn Basin. It was one of three on a shelf; I was encouraged by its abundance in that small town. Maybe we will wake up, as we used to do in such emergencies.

- M. Dane Picard mdane@mines.utah.edu

**GSA-NORTHEASTERN SECTION MEETING 2006
PRELIMINARY ANNOUNCEMENT AND CALL FOR PAPERS****41st Annual Meeting****March 20-22, 2006, Camp Hill/Harrisburg, Pennsylvania**

The 2006 meeting of the Northeastern Section of the Geological Society of America will be hosted by geoscientists from Dickinson College, Bloomsburg University, Franklin and Marshall College, Harrisburg Area Community College, Harrisburg Area Geological Society, Pennsylvania Geological Survey, and Susquehanna University. The meeting will be at the Radisson Penn Harris Hotel and Convention Center in Camp Hill, PA, just across the Susquehanna River from downtown Harrisburg. We will meet in the heart of the classic Appalachian Ridge and Valley Province, and in proximity to the Mesozoic Basins and Piedmont in Pennsylvania.

CALL FOR PAPERS**Abstract deadline: December 13, 2005**

Papers are invited for theme and general discipline sessions in both oral and poster format.

Volunteered papers will be considered for any general discipline session as listed on the GSA

Abstracts Form. Authors interested in submitting papers for symposia should contact the

appropriate symposium conveners before submitting. An individual may be a presenter for only one

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2006 NE-GSA MEETING ANNOUNCEMENT continued

volunteered paper (except symposia papers), but may be a co-author on any number of abstracts. Those invited for symposia may present an additional paper. For further information, please contact Technical Program Chairs Jennifer Elick elick@susqu.edu or Peter Sak sakp@dickinson.edu. Abstracts of papers must be submitted using the electronic submission form at <http://www.geosociety.org>. If you have questions regarding abstract submission, please contact Nancy Carlson ncarlson@geosociety.org.

REGISTRATION

Preregistration deadline: February 13, 2006

Cancellation deadline: February 20, 2006

GSA Headquarters will handle registration, and details will be published in the December issue of *GSA Today*. Registration will be available online at www.geosociety.org. On-site registration: Radisson Penn Harris Hotel and Convention Center during the meeting.

TECHNICAL PROGRAM

The following symposia/theme sessions are planned for the Camp Hill 2006 meeting. We encourage undergraduates to consider presenting their research in oral as well as poster sessions. Undergraduate research posters will be merged with other poster sessions, arranged by topic.

SYMPOSIA

NOTE: GSA-SGD Newsletter Editor has listed Symposia that relate to sedimentary geology. See GSA website for full NE-GSA Meeting Symposia listings.

1. Pander. Society Symposium. Conodonts in Sequence Stratigraphy, Evolution, Deposition, and Correlation. D. Jeffrey Over, SUNY at Geneseo, over@geneseo.edu, (585) 245-5291.

THEME SESSIONS

NOTE: GSA-SGD Newsletter Editor has listed Theme Sessions that relate to sedimentary geology. See GSA website for full NE-GSA Meeting Theme Session listings.

3. Meltwater Discharge Events from Proglacial and Subglacial Environments: Landforms, Deposits, and Processes. Andrew Kozłowski, Susquehanna Univ., kozłowski@susqu.edu, (570) 372-4215.

6. Paleosol Environments from Across the Landscape. Jennifer Elick, Susquehanna University, elick@susqu.edu, (570) 372-4214.

15. Rates and Processes of Appalachian Erosion. Milan Pavich, U.S. Geological Survey, mpavich@usgs.gov, (703) 648-6963.

FIELD TRIPS

Field trip details will be available in the December issue of *GSA Today* and on the GSA website at <http://www.geosociety.org>.

SHORT COURSES

Descriptions of short courses will be available in the December issue of *GSA Today* and at <http://www.geosociety.org>. A series of workshops for K-12 teachers centered around GIS and web-based activities will be offered on Saturday, March 18, and workshops for college teachers will be offered on Saturday and Sunday, March 18 and 19. Please contact Short Course Coordinator Noel Potter pottern@dickinson.edu to propose additional short courses or K-12 teacher activities.

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2006 NE-GSA MEETING ANNOUNCEMENT continued**ACCOMMODATIONS**

A large block of rooms at special rates has been reserved until February 17, 2006 at the Radisson Penn Harris Hotel and Convention Center. Room cost is low, and up to four persons per room will be charged the same room rate. Reservations may be made direct by calling 717-763-7117 or 800-333-3333. You MUST identify yourself as attending the Northeast GSA Meeting when making reservations to get the special rate.

WORKSHOPS

Roy J. Shlemon Mentor Program in Applied Geoscience. *Sponsored by GSA Foundation.* Mon., March 20, and Tues., March 21, 11:30am-1pm; location available at GSA registration desk. Karlon Blythe kblythe@geosociety.org. This interactive and informative program for undergraduate and graduate students, led by professional geoscientists, covers real-life issues including professional opportunities and challenges that await students after graduation. Plan to attend both free luncheons to hear different presenters each day. Students receive in their registration packet the FREE LUNCH tickets to attend both Shlemon Programs. However, space is limited. First come, first served.

The John Mann Mentors in Applied Hydrogeology Program. *Sponsored by GSA Foundation.* Mon., March 20, 5-6:30pm. Meeting location information available at GSA registration desk. Karlon Blythe kblythe@geosociety.org. This early evening event presents mentoring opportunities for undergraduate and graduate students and recent graduates with declared interest in hydrogeology as a career to interact and network with practicing hydrogeology professionals. This program is a focused, small-scale event that features FREE FOOD for participants. Participant eligibility is limited to those students who have declared their career interest to be hydrology or hydrogeology on their GSA membership applications and who have registered online for this meeting. An e-mail invitation will then be sent to those qualified students. Keep in mind that only a quick response to the invitation will secure you a seat, as attendance at this Mann Mentor event is limited.

STUDENT TRAVEL GRANTS

Travel grants are available from the Northeastern Section of GSA in cooperation with the GSA Foundation. Grants are available to both undergraduate and graduate students who are GSA Members, currently enrolled in NE Section schools, and are presenting oral or poster papers at this meeting. Applications are available online at <http://www.geosociety.org> or through Stephen Pollock, Secretary-Treasurer, GSA Northeastern Section pollock@usm.maine.edu.

ACCESSIBILITY

GSA is committed to ensuring full participation for conference attendees with disabilities at all events at the 2006 meeting. Every attempt is made for full compliance with the Americans with Disabilities Act. You may indicate special requirements on your registration form, and you should inform the local organizing committee of these requirements at least one month prior to the meeting. Specially accessible hotel rooms are available and can be reserved when making your reservation, but this is best done early.

DETAILED INFORMATION

Detailed information will be published in the December issue of *GSA Today*. Additional information on times, location, directions, accommodations, and contact information may be obtained by contacting the meeting General Chair, Noel Potter pottern@dickinson.edu. Information on the NE GSA Meeting will be posted at <http://www.dickinson.edu/departments/geol/NEGSA2006.htm>.