



NEWSLETTER

of the

ARCHAEOLOGICAL GEOLOGY DIVISION

Geological Society of America

Volume 27, Number 1

Summer, 2005

A Message from the Chair

March 2005

Greetings to one and all. I hope everyone is enjoying spring and looking forward to the long summer season...

This is the second year of our experiment with a 2-year rotation of chair and vice chair. It seems like it is working well, from my standpoint. The learning curve occurs during the first year, and during the second year one is able to actually plan for the division, and more importantly, get to know and interact with the folks at GSA headquarters. They do listen, by the way. So hopefully, all of you appreciate having the same officers 2 years in a row. That being said, we have an election coming up this fall. We need to elect candidates for the position of Vice-Chair (Gary Huckleberry, the current Vice-Chair, will move on to the Chair position at this fall's meeting in Salt Lake City), and Secretary/Treasurer. Voting will be in late summer and early fall. Don't forget, the GSA Annual Meeting in Salt Lake City is almost a month early this year - October 16-19, 2005.

This summer, Rolfe Mandel will be running the field course "Field Concepts and Methods in Geoarchaeology" at the University of Kansas. The 3-week course begins Tuesday, July 5 and will involve some travel. Look for details on page 4 in this newsletter.

The GSA 2005 Annual Meeting occurs October 16-19 in Salt Lake City. Our division is hosting a one-day pre-meeting field trip Saturday, October 15. The field trip is titled "Cave/Rockshelter Stratigraphy and Early Holocene Human Occupation in the Bonneville Basin" and will be run by David Rhode, Ted Goebel, Kevin Jones and David Madsen. The trip will visit Danger Cave on the Utah/Nevada border and Bonneville Estates Rockshelter and promises to be exciting. Look for details in upcoming issues of *GSA Today*. We are sponsoring one topical session at the meeting, provided enough papers come in to fill the session. The session is titled "Dendrochronology: Geologic Applications to Tree-Ring

Studies". We are also co-sponsors on at least two more topical sessions. Regarding technical sessions, we will have a relatively weak showing at this fall's meeting. We all need to consider organizing sessions for future meetings. I realize that this requires a substantial amount of work and that it doesn't always pay off when a session is canceled due to a lack of 12 papers submitted. GSA is aware of this problem and at recent Division Chairs' meetings this has been a hot topic of discussion. We can't do anything about this year's program except to encourage one another to submit abstracts and make sure our sessions get filled. In the future, we need to keep organizing sessions and encouraging authors to submit papers. I can only ask you to not get discouraged and to keep submitting ideas. This is how our division keeps vital. GSA may modify its technical program "rules" to allow sessions with 9-10 papers plus a formal discussion or an award citation. They may also allow short topical sessions of 4-6 papers centered on a specific theme. This idea went over very well with the division chairs at our recent meeting, and I think we will see this enacted.

Don't forget our booth at the GSA meetings. Stop by and devote an hour or two to talk to people as they come by. We have one of our fundraising activities at the booth, collecting "donations" for the student travel fund in exchange for a belt pack with our logo on it. This went over real well last fall, but we need more folks to stop by and relieve the 3-4 people who were there a majority of the time.

In 2006 the GSA Annual Meeting is in Philadelphia. We have preliminary plans for a field trip into the Delaware Valley. What we need folks to start thinking about are ideas for Topical Sessions or even a Pardee Symposium. I would like to have some good solid ideas by this fall's meeting in Salt Lake. Other meetings of interest in 2006 include SAA in San Juan, Puerto Rico, AMQUA in Bozeman, Montana, and the World Soil Congress in Philadelphia, July 9-15, 2006. The World Soil Congress will have several sessions where geoarchaeology is mentioned in the title, along with many sessions on pedology, mineralogy and micromorphology. Info on the World Congress, including the 2nd Announcement, is available at <www.18wcss.org> . *(continued on p. 2)*

(Chair's message – cont.)

Finally, coming up in 3 short years will be the combined GSA-SSSA (Soil Science Society of America) meeting in Chicago, Illinois. This meeting has the potential to draw 10,000 participants. Preliminary planning is underway at GSA and SSSA, but not very far along. We need to be thinking about this meeting, thinking about sessions, colleagues, field trips, etc. This will be a gathering of our division with the largest group of pedologists in the US. We have the opportunity to bridge many of the gaps between our disciplines, and maybe move beyond some of the old disputes (e.g., pedoarchaeology vs. geoarchaeology). I think we should strive for a nice, thick comprehensive publication, perhaps a GSA Special Paper, as a minimum. I would like to establish a committee to ride herd on this fast approaching and somewhat unusual meeting. Let me know of any suggestions.

Finally, I want to thank all of the officers and committee members of AGD. It's been great working with all of you.

David L. Cremeens
Chair

ARCHAEOLOGICAL GEOLOGY DIVISION

Minutes of the Annual Business Meeting

Colorado Convention Center, Room 703

Denver, CO

Monday, November 8, 2004

The Annual Business Meeting and Awards Ceremony of the Archaeological Geology Division began on Monday November 8, 2004 at approximately 5:00 pm in Room 703 of the Colorado Convention Center. The meeting began with an informal reception with a cash bar available outside the room and light snacks inside the room.

At approximately 5:15 pm, Chair Cremeens welcomed the members to the meeting. Approximately 35 members were in attendance. Cremeens announced the officers of the Division, thanked those who assisted in organizing the meetings and congratulated session chairs on a well-attended meeting. He made a few short announcements and then asked Vice-Chair Huckleberry to report on plans for the upcoming 2005 meeting in Salt Lake City.

Vice-Chair Huckleberry reported that plans for a field trip were well underway and that there were discussions regarding several proposed sessions, but solicited the membership for more ideas regarding session proposal. Response from the audience was weak, so Huckleberry encouraged members to contact him following the Business Meeting. He returned the floor to Cremeens who introduced Secretary-Treasurer Freeman to report on the Division funds.

Freeman cited changes in accounting procedures at GSA that had merged the Student Travel Fund with Division funds. She reported plans to return the Student Travel Fund to a separate

line within the Division funds. At the time of the meeting, the Division funds sat at \$6857.90. She also reported that the both the Albritton and the Rip Rapp awards were growing both due to contributions and to a slight increase in dividends. The Rip Rapp fund had grown significantly from last year to \$47,332 by the third quarter and the Albritton Fund had grown to \$18,876 (a much weaker growth record). Freeman mentioned some of the Management Board's upcoming efforts to increase funds for the student travel award and increase membership awareness, including the development of fanny pack gifts displaying the new division logo as a gift in return for a contribution to the Student Travel Fund. She then returned the floor to Cremeens who opened the floor for announcements.

Rolf Mandel reported on the success of the Division journal (*Geoarchaeology: An International Journal*), citing over 100 submissions not including special issues. He encouraged members to continue submitting contributions for publication in the journal. As the Division Liaison to SAA, Mandel also reported efforts to have the Society for American Archaeology become an affiliate organization to the Geological Society of America. Steve Pollock provided information on geoarchaeology activities planned for the GSA Northeastern Section meeting. Jennifer Smith, PR chair and newsletter editor, provided information about efforts to spread news about the Division and encouraged members to provide submissions to the newsletter. Reid Ferring encouraged a spontaneous contribution to the Albritton Fund. Rolf Mandel passed the hat and they raised \$375 for the Albritton Fund. Lori Wozniak reported on the activities of the student representatives and encouraged students to participate in Division activities. David Cremeens discussed NSF restructuring and reported the need for campus representatives. Chair Cremeens then closed the floor and introduced Rolf Mandel, Chair of the Awards Committee.

Mandel announced the winners of the Student Paper Award (Elizabeth Robertson) and the Albritton Award (Marjorie Heyman). Ms. Robertson was present to accept her award. He then asked Steve Forman to present the citation for the Rip Rapp Award. Mike Waters accepted his award and provided his reply.

Chair Cremeens thanked the members for attending and encouraged them to participate in the 2005 GSA Annual Meeting in Salt Lake City.

The meeting adjourned at approximately 6:15 pm, and photographs were taken of the award winners.

Respectfully submitted by

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**ARCHAEOLOGICAL GEOLOGY DIVISION
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SUBMIT AN ABSTRACT
GSA ANNUAL MEETING Oct. 16-19, 2005
Salt Lake City, Utah
ABSTRACT DEADLINE: July 12, 2005

The Archaeological Geology Division is sponsoring or co-sponsoring several topical sessions for the next GSA Annual Meeting. The sessions will not run unless enough papers are submitted, so please help these sessions see the light of day by submitting an abstract. If your research doesn't fit well into these topical sessions, you may also wish to consider submitting to the Archaeological Geology Division general (discipline) sessions.

Relevant topical sessions include:

Paleoenvironmental Records in and around the Bonneville Basin: From Glacial/Interglacial Cycles to Anthropogenic Impacts *GSA Limnogeology Division; GSA Quaternary Geology and Geomorphology Division; GSA Archaeological Geology Division.* Conveners: Joseph G. Rosenbaum, Katrina A. Moser

The session focuses on the drivers of environmental change (e.g., climate, tectonics, man) and their impacts on land surface, hydrology, and aquatic systems from all types of deposits (e.g., sediments, shorelines, fluvial and glacial deposits, soils, middens, tree-rings).

Dendrogeology: Geologic Applications of Tree-Ring Studies *GSA Archaeological Geology Division.* Convener: Gregg R. Davidson

Tree-ring studies have a wide ranging role in geologic studies. Topics may include tree rings as indicators of past conditions or as evidence of the influence the trees themselves have exerted on their environment.

Thinking about Fossils: The Emergence and Development of Paleontological Thought in North America from Native American Customs to the End of the Great Western Surveys *GSA History of Geology Division; History of Earth Sciences Society [HESS]; GSA Archaeological Geology*

Division; Paleontological Society; Society of Vertebrate Paleontology. Conveners: Edward Rogers, Patrick Wyse Jackson

This session on the emergence and development of paleontological thought in North America will cover the period from Native American beliefs regarding fossils to ideas developed up to the end of the great government and institutional surveys of the western United States and Canada.

Holocene Climate Change in Western North America: Spatial-Temporal Phasing of Climate Modes, Events, and Transitions *GSA Limnogeology Division; GSA Archaeological Geology Division.* Conveners: Matthew E. Kirby, Steve P. Lund, Larry V. Benson, Rob Negrini

This session will highlight recent advances in our knowledge of Holocene climate variability in western North America over annual to millennial scales from terrestrial environments, including the spatial and temporal phasing of climate modes, events, and transitions.

Going to the Annual Meeting? Don't miss the
DIVISION SPONSORED FIELD TRIP
Latest Pleistocene/ Early Holocene Human Occupation in the Bonneville Basin

Leaders: David Rhode (Res Prof, Earth and Ecosystem Sciences, Desert Research Institute, 2215 Raggio Parkway, Reno, NV 89512; 775-673-7310; <dave.rhode@dri.edu>)

Ted Goebel (University of Nevada-Reno)

Kevin T. Jones (State Archaeologist, Utah Division of State History, Salt Lake City)

David B. Madsen (Desert Research Institute)

Bryan Hockett (Bureau of Land Management, Elko District Office)

On this field trip you will visit two important archaeological cave sites that provide the most compelling evidence for earliest Holocene human occupation in the Bonneville Basin. Danger Cave, located near Wendover, Utah/Nevada, is famed for its deeply stratified archaeological deposits dating as old as 10,300 rcybp, when the remnant of Lake Bonneville stood at the Gilbert shoreline. Bonneville Estates Rockshelter, located south of Danger Cave at the Lake Bonneville highstand shoreline, also contains well-preserved stratified deposits, including artifacts and cultural features radiocarbon dated to 12,300 rcybp, making it one of the oldest known archaeological occupations in North America. Together these sites give us an unparalleled picture of human occupation during the first few thousand years of known human occupation in the region, at a time of dramatic environmental change. We will describe results of our recent research at both sites and show you the stratigraphic evidence for these earliest human occupations. Along the way we will visit packrat middens, pollen sampling localities, and geomorphic features illustrating the history of Pleistocene Lake Bonneville and the environmental history of the western Bonneville Basin.

(Sign up for the field trip when you register for the meeting. Registration opens in June.)

SHOW YOUR DIVISION SUPPORT!

For a \$10 donation to the Student Travel Fund, you will receive a royal blue belt pack emblazoned with the division logo (as seen on the newsletter bannerhead). If you can bear to wait until the Annual Meeting, you can stop by the Division booth in the Exhibit Hall, make your donation, and receive your fanny pack there. Alternatively, contact Jen Smith <jensmith@wustl.edu>, and arrangements can be made to process your donation and have a belt pack sent to you.



(rock hammer for scale)

VOTE IN DIVISION ELECTIONS!

Biographies and ballot for AGD officer elections are on pages 14-16 of this newsletter. Please do take the time to vote! We are electing a Vice-Chair and a Secretary-Treasurer for the 2005-2007 two-year term.

NEW GEOARCHAEOLOGY FIELD COURSE

In August 2002, the Odyssey Archaeological Research Program was established at the Kansas Geological Survey (KGS) on the campus of the University of Kansas. With the establishment of this program, an agreement was reached between KGS and the KU Department of Anthropology whereby Dr. Rolfe Mandel, the Executive Director of the Odyssey Program would teach a field-oriented geoarchaeology course every other summer, beginning in the summer of 2005. The 2005 geoarchaeology field course, "Field Concepts and Methods in Geoarchaeology," will not be a traditional class-room lecture course. Instead, it will be taught in the field and will involve all-day excursions to different regions in order to introduce students to a variety of archaeological landscapes and environments.

Goals and Objectives

The geoarchaeology field course will provide a learning experience for graduate and advanced undergraduate students. This course will focus on the application of geoscientific concepts and methods in archaeological field investigations. Emphasis will be placed on identifying natural processes that create and modify the archaeological record, and on soil-stratigraphic and geophysical approaches to landscape and site investigations. Students will be introduced to a variety of field methods used in geoarchaeological research, ranging from systematic studies of outcrops to the use of mechanical coring devices and ground penetrating radar. With this course, students also will gain an understanding of how processes of erosion, deposition, weathering, and biological and human activity shape the archaeological record.

Schedule and Logistics

The geoarchaeological field course will take place during the July summer session for a period of three weeks, beginning Tuesday, July 5, 2005. The class will meet for 8 hours each day, Tuesday through Friday the first week, and Monday through Friday the next two weeks. We will have a one-day orientation during which time students will be introduced to field methods and provided with an outline of the course and a description of how they will be evaluated. Over the next 13 days of the course, we will travel to various localities, including archaeological sites, in order to demonstrate field concepts and methods. Although we will return to Lawrence every afternoon during most this period, there will be a 4-day excursion in western Kansas and a 2-day excursion in western Missouri. The excursion in western Kansas will focus on landscapes and archaeological sites in the High Plains region. This trip will involve camping at Scott Lake State Park near the town of Scott City. The trip to western Missouri will include stops at the Big Eddy and Jameson PaleoIndian sites, and we will camp at Stockton Lake.

Information

For more information, contact Rolfe Mandel: 785-864-2171; <mandel@kgs.ku.edu>.

UPDATED!

Division website: <<http://rock.geosociety.org/arch>>

Check out the newly updated *Student News* page as well as the 2005 version of the *Guide to Graduate Programs* in Archaeological Geology.

Many thanks to student representatives Lori Wozniak and James Mayer for their work on the Student News page, as well as to Rolfe Mandel for his efforts in compiling and keeping current the information on a growing number of geoarchaeology programs.

ARCHAEOLOGICAL GEOLOGY DIVISION STUDENT TRAVEL AWARD

The Archaeological Geology Division announces a \$650 travel grant for a student to attend the GSA's Annual Meeting in Denver. The grant is competitive and will be awarded based on the evaluation of an application, including an abstract of the paper or poster prepared by a student for presentation in the Division's technical session at the GSA meeting. The paper or poster must be single-authored. The deadline for applications is **September 20, 2005**. Applications may be made via the Division website at:
<<http://rock.geosociety.org/arch/>>.

CLAUDE ALBRITTON FUND FOR ARCHAEOLOGICAL GEOLOGY

Under the auspices of the Archaeological Geology Division, family, friends and close associates of Claude C. Albritton, Jr. have formed a memorial fund in his honor at the GSA Foundation. Initially, the fund was set up with a gift of several thousand dollars. Members of the GSA Archaeological Geology Division, GSA members, and those who knew Claude Albritton are being asked to consider contributing to this fund. The Albritton Fund will provide awards in the amount of \$650 in support of thesis or dissertation research by graduate students in archaeology and geology, with emphasis on the field and/or laboratory parts of this research. Additional information will be provided in the Fall newsletter; the next round of proposals will be due in March, 2006. Those desiring further information about these scholarships should visit <<http://rock.geosociety.org/arch/>> or contact the Chair of the Awards Committee, Scott Pike, at <pike@lynchburg.edu>. Those wishing to contribute to the Albritton Fund should send gifts to the GSA Foundation, designating the gift for this fund.

DOUGLAS C. KELLOGG FUND FOR GEOARCHAEOLOGICAL RESEARCH

Under the auspices of the Society for American Archaeology's Geoarchaeology Interest Group, family, friends and close associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research for graduate students who have (1) an interest in achieving the M.S., M.A., or Ph.D. degree in earth sciences or archaeology; (2) an interest in applying earth science methods to archaeological research; and (3) an interest in a career in geoarchaeology. Information on applying for the fellowship will be contained in the Fall newsletter edition.

OTHER FUNDING OPPORTUNITIES FOR GRADUATE RESEARCH

**Note* on the Student News page of the updated Division website at <<http://rock.geosociety.org/arch/>> there is a link to a webpage maintained by Ellery Frahm containing additional information on funding sources.*

Geochron Laboratories: Each year Geochron Laboratories awards research grants to graduate students enrolled in academic institutions around the world. The awards consist of analytical services performed free of charge in one of two categories: **¹⁴C age determinations:** up to eight (8) conventional ¹⁴C age determinations, and **Stable Isotope Ratio Analyses:** up to \$1,500.00 in stable isotope analyses, of any variety or combination (except hydrogen and oxygen on silicates), based on Geochron Lab's published prices.

Deadline: Application deadlines in past years have generally been late spring/early summer (May-June), but early applications are suggested in order to assist with prompt evaluation and notification of winners.

Contact: For more information and application procedures, see <www.geochronlabs.com/research.html>; (617) 876-3691 (phone); (617) 661-0148 (fax); <staff@geochronlabs.com>; 711 Concord Ave., Cambridge, MA 02138.

ON THE WEB

The URL for the website of the **Geomorphology Specialty Group of the AAG** has changed recently to: <<http://www.cas.sc.edu/geog/gsgdocs/>>. You should be automatically redirected to this new address if you use the old address, but please update your links accordingly. While there, you may want to check out the **Winter edition of the semiannual newsletter**, which features the geomorphology-related program items at the annual meeting, including papers and posters to be presented, panel sessions, business meeting, awards presentations, field trips, a Physical Geography reception, and the Blackwell Lecture in Geomorphology and Society, this year featuring Peter Birkeland. The conference this year features over 40 paper sessions and 2 poster sessions of interest to geomorphologists.

For news on more things geomorphological, check out the IAG Website (**International Association of Geomorphologists**) at: <<http://www.geomorph.org/>>.

The website at <<http://www.nadm-geo.org/sltt/index.html>> hosts the products of many years of work on the part of the **Science Language Technical Teams of the North American Geologic Map Data Model (NADM)**, which had the objective to develop standardized science language for use in public sector geologic map databases. Although the results are unequal for the various rock groups, the Science Language Technical Team on Sedimentary Materials has produced a voluminous documentation, of which unconsolidated surficial geology terminology is only the tip of the iceberg. This work is meant to be a living one; comments and feedback are welcome.

Ivan Venedikov, of the Bulgarian Archaeological Association and scientific team of **prehistoric site Ohoden — Valoga in Northwestern Bulgaria**, invites you to visit the excavation's new website at <<http://www.ohoden.hit.bg>>, containing discoveries from the 2004 excavation season pertaining to early agriculture in Europe.

NEWS FROM THE MEMBERSHIP

As of 1 January, **Bill Woods** has moved to Lawrence and has assumed the joint position of Director of the Environmental Studies Program and Professor of Geography at the University of Kansas.

SOCIETY FOR ARCHAEOLOGICAL SCIENCES

The Society for Archaeological Sciences (SAS) was founded to establish a forum for communication among scholars applying methods from the physical sciences to archaeology and to aid the broader archaeological community in assessing the potentials and problems of those methods. Base membership (including subscription to the SAS Bulletin) is \$20. For membership inquiries, please contact Rob Sternberg, General Secretary, Society for Archaeological Sciences, Department of Earth and Environment, Franklin & Marshall College, Lancaster, PA 17604-3003 USA; (717) 291-4134 (phone); (717) 291-4186 (fax); <Rob.Sternberg@FandM.edu>

GEOARCHAEOLOGY: AN INTERNATIONAL JOURNAL

Geoarchaeology: An International Journal is now on the ISI Web of Science Database. The journal now has a new editor, Art Bettis.

Geoarchaeology is published bimonthly and has a broad, interdisciplinary scope dealing with the understanding of archaeological sites, their natural context, and the material artifacts recovered from them. Manuscripts may include subjects from disciplines within the earth-sciences (e.g., geography, pedology, climatology, geology, oceanography, geochemistry, geochronology, and geophysics) or those from biological sciences. The editors are particularly interested in manuscripts that bear upon site-formation processes. The editors encourage members of the Geoarchaeology Interest Group to submit manuscripts. They should be sent to: Art Bettis, Department of Geoscience, 121 Trowbridge Hall, The University of Iowa, Iowa City, Iowa, USA; (319) 335-1831 (phone); (319) 335-1821 (fax); <art-bettis@uiowa.edu>. Electronic submission of manuscripts will hopefully be possible in the relatively near future.

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Jonathon E. Ericson, Michael D. Glascock “Subsource characterization: Obsidian utilization of subsources of the Coso volcanic field, Coso Junction” (p 779-805)

Book Reviews

R. Michael Stewart Review of: Geoarchaeology of landscapes in the glaciated Northeast (p 807-808)

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(*Geoarchaeology*, Vol. 19, Issue 8, Book Reviews, cont.)

Marco Madella Review of: Droughts, food and culture: Ecological change and food security in Africa's later prehistory (p 809-811)

Juliet E. Morrow Review of: The early settlement of North America, the Clovis era (p 811-813)

George M. Crothers Review of: Archaic transitions in Ohio and Kentucky prehistory (p 813-815)

Diana M. Greenlee Review of: Archaeological theory and scientific practice (p 816-818)

NEW BOOKS AND MONOGRAPHS

(received by *Geoarchaeology: An International Journal*)

A Century of Nature: Twenty-one Discoveries That Changed Science and the World. Laura Garwin and Tim Lincoln, editors, 2003. The University of Chicago Press, Chicago, xviii + 360 pp.

Ancient Maya Life in the Far West Bajo: Social and Environmental Change in the Wetlands of Belize. Julie L. Kunen, 2004. Anthropological Papers of The University of Arizona 69, The University of Arizona Press, Tucson, x + 174 pp.

Archaeological Landscapes of the Near East. T.J. Wilkinson, 2003. The University of Arizona Press, Tucson, xix + 260 pp. Cloth/paper.

Cultural Resource Laws and Practice. Thomas F. King, 2004. AltaMira Press, 384 pp. Paper/cloth.

Early Earthquakes of the Americas. Robert L. Kovach, 2004. Cambridge University Press, UK, xi + 268 pp. Hardcover.

Encyclopedia of Caves. David C. Culver and William B. White, editors, 2005. Elsevier Academic Press, xx + 654 pp. Hardcover.

Environmental Archaeology: Approaches, Techniques & Applications. Keith Wilkinson and Chris Stevens, 2003. Tempus Publishing Ltd, Gloucestershire, 320 pp. Paper.

Geochemistry of Sediment and Sedimentary Rocks: Evolutionary Considerations to Mineral Deposits-Forming Environments. D.R. Lentz, editor, 2003. Geological Association of Canada, Newfoundland, vi + 184 pp. Hardcover.

Ground Penetrating Radar, 2nd Edition. David J. Daniels (Editor), (2004) IEE Radar, Sonar and Navigation Series 15, The Institution of Electrical Engineers, London, UK, xxv + 726 pp. Hardcover.

Guidelines for Analysis and Description of Soil and Regolith Thin Sections, Georges Stoops, 2003. Soil Science Society of America, xvi + 184 pp + CD ROM. Hardcover.

Handbook of Stable Isotope Analytical Techniques, Volume 1 P.A. de Groot, editor, 2004. Elsevier Academic Press, Amsterdam, The Netherlands, xxi + 1234 pp. Hardcover.

Ice Age Cave Fauna of North America. Blaine W. Schubert, Jim I. Mean and Russell Wm. Graham, editors, 2003. Indiana University Press, xiii + 229 pp. Hardcover.

Ice Age Cave Fauna of North America. Blaine W. Schubert, Jim I. Mean and Russell Wm. Graham (Editors), (2003) Indiana University Press, xiii + 229 pp., (cloth).

Ice Age Southern Andes: A Chronicle of Paleoeological Events. C.J. Heusser, 2003. Developments in Quaternary Science 3, Elsevier Press, Amsterdam, The Netherlands, xvi+240 pp. Hardcover.

Mediterranean Desertification: A Mosaic of Processes and Responses. N.A. Geeson, C.J. Brandt, and J.B. Thornes, editors, 2002. John Wiley Publisher xiii + 440 pp. Hardcover.

Neanderthals in the Levant: Behavioral Organization and the Beginnings of Human Modernity. Donald O. Henry, 2003. Continuum, London. xii + 320 pp. Hardcover.

Neanderthals and Modern Humans in the European Landscape During the Last Glaciation. Tjeerd H. van Andel and William Davies, editors, 2003. McDonald Institute Monographs, University of Cambridge, Oxbow Books, xviii + 265 pp. Hardcover.

Quaternary Geology of the United States. Don J. Easterbrook, editor, 2003. XVI INQUA Congress Field Guide Volume, Desert Research Institute, iv + 438 pp. Softcover.

Soils in Archaeological Research. Vance T. Holliday, 2004. Oxford University Press, 464 pp. Hardback.

Soils, Stones and Symbols: Cultural Perceptions of the Mineral World. Nicole Boivin and Mary Ann Owoc, editors, 2004. University college London Press, Cavendish Publishing Limited, London, UK. xiv + 235 pp. Paper.

Techniques in Archaeological Geology. Ervan G. Garrison, 2003. Springer-Verlag, Germany, xiv + 300 pp. Hardcover.

The Burnham Site in Northwestern Oklahoma: Glimpses Beyond Clovis? Don G. Wyckoff, James L Theler and Brian J. Carter, editors, 2003. Sam Noble Oklahoma Museum of Natural History, Oklahoma Anthropological Society, Memoir 9. Paper.

The Quaternary Period in the United States. A.R. Gillespie, S.C.Porter, B.F. Atwater, editors, 2003. Elsevier. Paper.

In the Maw of the Earth Monster: Mesoamerican Ritual Cave Use. James E. Brady and Keith M. Pruffer, editor, 2005. University of Texas Press, Austin, viii + 438 pp. Hardcover.

Amazonian Dark Earths: Origin, Properties and Management. Lehmann, Johannes, Dirse C. Kern, Bruno Glaser, and William I. Woods, editors, 2003. Kluwer Academic Publishers, Dordrecht.

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(New Books & Monographs, cont.)

Amazonian Dark Earths: Explorations in Space and Time. Glaser, Bruno, and William I. Woods, editors, 2004. Springer-Verlag, Berlin.

A Prehistory of the North: Human Settlement of the Higher Latitudes. John F. Hoffecker, 2005. Rutgers University Press, Piscataway, NJ, xv + 225 pp.

The Settlement of the American Continents: A multidisciplinary Approach to Human Biogeography. eds C. Michael Barton, Geoffrey A. Clark, David R.E. Yesner, and Georges A. Pearson, editors, 2004. The University of Arizona Press, Tucson. vi + 281 pp. Cloth.

UPCOMING MEETINGS

Geoarchaeology Conference:

Request for Expressions of Interest

Members of the Geoarchaeology Research Group of the University of New Brunswick, Fredericton and Saint John Campuses, plan to host an international Geoarchaeological conference in eastern Canada on October 22 & 23, 2005. The conference will include oral and poster presentations (in English or French) on Saturday, and a field trip to St. Andrews, N.B. on Sunday. Whether you can come or not, if you are interested please email Pam Dickinson <Pam.Dickinson@unb.ca>: We'll put you on our email list and keep you informed. Although we are not asking for firm commitments at this point, please do let us know if you think you can attend, and if you are interested in presenting a poster or paper.

May 13-15, 2005. *Streator, Illinois. Big Ice Meets Big River: Quaternary History, Environments, and Processes in the Ancient Mississippi River Valley Region of North-Central Illinois* (Midwest Friends of the Pleistocene).

The trip will focus on an area of north-central Illinois in which glaciers of the Lake Michigan lobe repeatedly overrode the ancient course of the Mississippi River during the Illinois and Wisconsin Episodes, preserving thick, complex valley-fill sediments and diverting the river into its present course about 20,300 14C years ago. Deposits of the Ancient Mississippi River (AMR) are exposed in central Illinois along tributaries of the Illinois River, which follows part of the course of the AMR and which itself deposited an important glacial-fluvial record, as it drained the margin of the retreating late Wisconsin glacier.

If you have questions, please contact trip organizers Don McKay, (217) 333-0044 <mckay@isgs.uiuc.edu>; Dick Berg, (217) 244-2776 <berg@isgs.uiuc.edu>; or Ardith Hansel (217) 333-5852 <hansel@isgs.uiuc.edu>.

The field trip fee of \$110.00 will include the welcoming reception, field trip guidebook, two breakfast buffets, two lunches, banquet on Saturday night, refreshments in the field, and bus transportation on Saturday and Sunday. Make checks

for field trip fee payable to: University of Illinois – FOP. Remit payment to: Ms. Denise Sieving, Illinois State Geological Survey, 615 East Peabody Drive, Champaign, IL 61820. Registration deadline is April 15, 2005. No refunds for cancellations after April 21, 2005. We won't know you are coming until we get your money. Confirmation of registration will be sent via e-mail, so include your e-mail address with your check. The Town & Country Inn, 2110 N. Bloomington Road, Streator, has been reserved as the headquarters for the meeting and is the only motel that can accommodate our group in the immediate vicinity. Make your own room reservations and pay the Town & Country Inn directly (815-672-3183).

May 15-18, 2005. *Halifax, Nova Scotia. Joint meeting of Geological Association of Canada, the Mineralogical Association of Canada, the Canadian Society of Petroleum Geologists and the Canadian Society of Soil Sciences.*

Sessions of interest at Halifax2005 include: SS-12 Records of Environmental Change from the North Atlantic Region: Climate, Archaeology and Human Activity, sponsored by the Canadian Climate Impacts and Adaptation Research Network. (CCIARN). For additional information, please visit: <<http://www.Halifax2005.ca/>>.

May 16-20, 2005. *Chillicothe, Ohio. National Park Service's 2005 Archaeological Prospection Workshop*

The National Park Service's 2005 workshop on archaeological prospection techniques entitled Current Archaeological Prospection Advances for Non-Destructive Investigations in the 21st Century will be held May 16-20, 2005, at the Hopewell Culture National Historical Park in Chillicothe, Ohio. Lodging will be in Comfort Inn in Chillicothe, Ohio.

This will be the fifteenth year of the workshop dedicated to the use of geophysical, aerial photography, and other remote sensing methods as they apply to the identification, evaluation, conservation, and protection of archaeological resources across this Nation. The workshop this year will focus on the theory of operation, methodology, processing, interpretation, and on-hands use of the equipment in the field. Special topic for this year is the introduction of geophysical techniques in archaeological excavations. In addition to the workshop, there will be an equipment fair on Friday (May 20th) with the major geophysical equipment manufacturers attending. There is a tuition charge of \$475.00. Application forms are available on the Midwest Archeological Center's web page at: <<http://www.cr.nps.gov/mwac/>>.

For further information, please contact Steven L. De Vore, Archeologist, National Park Service, Midwest Archeological Center, Federal Building, Room 474, 100 Centennial Mall North, Lincoln, NE 68508-3873; tel: (402) 437-5392, ext. 141; fax: (402) 437-5098; email: <steve_de_vore@nps.gov>.

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(Upcoming Meetings, cont.)

May 16-22, 2005. Bonn, Germany. The Fluvial System - Past and Present Dynamics and Controls.

Numerous participating organizations (including INQUA, IAG, and the IAHS) are co-sponsoring this conference at the Department of Geography, Bonn University and welcome all scientists with affinity to research in the fluvial environment from the perspectives of geomorphology, geology, hydrology, climatology and other related disciplines. The official language of the conference is English.

A central session "Past hydrological events related to understanding global change" will open the conference, additional information is provided on the homepage of the conference, <www.giub.unibonn.de/fluvialsystem2005/>.

May 16-22, 2005. Uberlandia, Brazil. International Symposium on Land Degradation and Desertification.

The conference themes include: Rivers, Fluvial Systems and Land Degradation; Deforestation and its Consequences on the Soil and Landscape; and Remote Sensing, GIS and their Applications to the Study of Land Degradation. For additional information, see <http://www.ig.ufu.br/coland/_enindex2.htm> or email <comland2005@ig.ufu.br>.

May 23-27, 2005. New Orleans, Louisiana. 2005 Joint Assembly Meeting.

The 2005 Joint Assembly meeting, organized by SEG, NABS, AAS, and AGU, addresses all topics related to Earth and space sciences. Among many other sessions of general interest, there will be a series of sessions on archaeological geophysics on May 25.

May 30-June 4, 2005. Syktyvkar, Komi Republic, Russia. Archaeomineralogy and Early History of Mineralogy.

Institute of Geology of Komi Science Centre of Uralian Branch of Russian Academy of Sciences, Russian Mineralogical Society (Syktyvkar Department) with International Mineralogical Association (IMA) and International Commission on the History of Geological Sciences (INHIGEO) will sponsor this International Seminar. The scientific program consists of sessions on: Archaeomineralogy: Conception, Methods, New Results; Minerals and Mineralogical Knowledge: Housing, Life and Culture of Ancient People; Early History of Mineralogy (prescientific time); Mineralogical Myths, Mythic Mineralogy in Folklore and Ancient Literature; Mineralogical Collections and Museums, as well as a Geological Excursion in search of ancient mines of Sysola- Vychegda Basin.

For additional information, email the Organization Committee at <arhmin@geo.komisc.ru>.

June 5-8, 2005. Winnipeg, Manitoba. CANQUA 2005: Water, Ice, Land and Life: The Quaternary Interface.

Special themes of the CANQUA 2005 conference include:

- 1) Vic Prest Symposium: Glacial history and paleo-environmental change in glaciated North America;
- 2) Lakes in transition (including Lake Agassiz);
- 3) Climate at the edge;
- 4) Drought in western Canada.

Fieldtrips:

Pre-meeting: "Environmental geoscience and geomorphic systems in the Red River valley, Manitoba."

Post-meeting: "Glacial and lacustrine sediments and history of the Lake Agassiz basin."

For more information, visit <www.umanitoba.ca/canqua/>.

June 29-July 1, 2005. Portsmouth, Hampshire, UK. 3rd International Conference on the Microbiology and Conservation of Cultural Heritage.

In June 2005, Portsmouth will be the venue for a major international gathering of microbiologists, conservation scientists and conservators. This three-day Symposium is an opportunity to discuss research, review the state of the art and exchange ideas about how to combat the challenges faced in heritage microbiology and conservation science.

Heritage Microbiology and Science: Microbes, Monuments and Maritime Materials (HMS 2005) will be the third in a series, following successful meetings in Florence (Of Microbes and Art, 1999) and New York (Art, Biology and Conservation, 2002), each exploring different aspects of cultural heritage research.

For more information: <www.port.ac.uk/hms2005>.

June 24-July 2, 2005. University of Idaho's McCall Field Campus 15th Annual North American Dendroecological Fieldweek (NADEF).

Project topics for this year's fieldweek include: Stand Age Structure, Fire History, Climate, and Peel Bark Trees. Registration fees will be \$500 for students and \$650 for professionals. Students should send a photocopy of their student ID with their registration. Your registration fee includes room and board for the entire week and also transportation to and from the Boise Airport.

If you are interested in a place at the fieldweek please send a check made out to Indiana State University to: Lynn Cheeks, Department of Geography, Geology, and Anthropology, Indiana State University, Terre Haute, Indiana 47809-9989. For more information on North American Dendroecological Fieldweek, see <http://web.utk.edu/~grissino/_nadef/>.

June 27-July 7, 2005. Météo-France CIC, Toulouse, France. HOLIVAR Training Course "Quantitative climate reconstruction and data-model comparisons."

This course is intended for PhD students and young post-doctoral scientists interested in multi- and interdisciplinary

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(Upcoming Meetings, cont.)

study of Holocene climate variability. Offered to both palaeoclimatologists and climate modellers it covers in a single two-week programme of lectures and practical exercises the key themes of the ESF-HOLIVAR programme in an integrated way. The content of the course this year will largely follow the courses presented in London in 2003 and Ghent in 2004, with a larger emphasis on quantitative methods of reconstruction. The course is structured in 7 topical modules, each consisting of a series of lectures on the state of the art by leading climate-change scientists, related practical exercises, and group discussion of major research issues.

Post-doctoral and PhD students affiliated with European institutions are invited to apply. Successful applicants receive full ESF-HOLIVAR funding to attend the course (travel, half-board accommodation and course fees). They will be expected to present a poster on their research, and contribute to a written summary of discussion themes and conclusions to be distributed at the end of the course.

Application forms can be found on the HOLIVAR website: <http://www.geog.ucl.ac.uk/ecrc/holivar/> or requested from Simon Brewer at brewer@cerege.fr.

July 31-August 8, 2005. Dawson City, Yukon Territory, Canada. INQUA Sub-Commission for Tephrochronology and Volcanism (SCOTAV) International Field Workshop and Conference on Tephrochronology and Volcanism.

The April 1st deadline for receipt of abstracts is fast approaching. Abstract details along with field, workshop & conference-related information can be found at <http://conferences.eas.ualberta.ca/tephrarush2005>. Sessions with keynote speakers have been organized around the following themes: Beringia (studies of unglaciated Yukon and Alaska); Hazard assessment; Tephrochronological frameworks for paleoenvironmental reconstructions; INTIMATE - INTegration of Ice-cores, Marine and TERrestrial records, Geochemical protocols and methods. Please note that attendance is strictly limited to 60 participants on a first come-first-serve basis ... so register for this event as soon as conveniently possible.

August 28-September 3, 2005. Hallsannery Field Centre, Bideford, North Devon, England. 20th International Dendroecological Fieldweek.

Organised by Vanessa Winchester, Heather Viles and Holger Gärtner, the fieldweek is open for everybody, but the expected participants are mainly "dendro-beginners" such as graduate students, PhD's and postdocs who wish to learn the basics of dendrochronology, -ecology, -geomorphology & -archaeology. The number of participants is restricted to 30 on a first-come, first-serve basis. For registration and to see the 1st announcement, please contact the fieldweek homepage at <http://www.geog.ox.ac.uk/news/idf2005/>.

October 14-16, 2005. Silurian Lake, California. Geomorphology and Tectonics at the Intersection of Silurian and Death Valleys (Friends of the Pleistocene Pacific Cell).

We will present recent contributions from new surficial geologic mapping, geomorphology investigations, and tectonic studies to a long-lasting problem: The tectonic and geomorphic evolution of the triple-junction between three tectonic provinces, the Basin and Range, the Mojave Desert Eastern California Shear Zone, and the eastern Mojave Desert. This junction lies at the Avawatz Mountains, just south of Death Valley. We will examine a wide variety of geology and geomorphology in the area to address the problem.

Information will be distributed using the Pacific Cell yahoo group; if you want to receive information, make sure you are registered by sending your email address to friends_of_the_pleistocene@yahoo.com. Send questions to dmiller@usgs.gov or cmenges@usgs.gov.

October 26-29, 2005. Lyon, France. European Meeting on Ancient Ceramics - EMAC '05.

EMAC provides the opportunity to present and debate new research and recent advances in the investigation of ancient ceramics involving the archaeological sciences. Both methodological aspects and archaeological studies with integrated laboratory approach will be expected. On an experimental basis, we would like to open the 2005 meeting to new themes. Proposed topics include: Production, diffusion, commercialization; Dating ceramics; Ceramics as containers; Ceramics as building material; Technical ceramics; Ceramics in conservation and restoration; and Slip, gloss, glaze.

For more information, contact: EMAC' 05, Laboratoire de ceramologie, UMR5138 Maison de l'Orient et de la Mediterranee, 7 rue Raulin, 69365 LYON cedex 7, FRANCE. Tel.: 33 (0)4 72 71 58 71, Fax: 33 (0)4 78 69 82 31; Email: emac05@mom.fr.

November 10-13, 2005. Calgary, Alberta, Canada. Tools of the Trade, 2005 Annual Chacmool Conference.

Methods, Techniques, and Innovative Approaches in Archaeology: Call for Papers

In recent years, some archaeologists have employed a remarkable array of new tools to better interpret the archaeological record. Others have examined the impacts of new technologies on pre-contact human groups. The objective of this conference is to bring together scholars and students who share these common research interests and who are willing to describe and discuss their innovative approaches to the analysis of archaeological materials and assemblages. We are therefore soliciting papers and symposia on topics relating to the tools of the trade. We also envision discussions on the invention and impact of technology on cultural development. For further conference information please see our website at: <http://www.arky.ucalgary.ca/arky1/Chacmool2005/Main%20'05.htm>.

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(Upcoming Meetings, cont.)

November 16-29, 2005. Philadelphia, PA. American Schools of Oriental Research Annual Meeting.

Session: Artifacts: The Inside Story

This session welcomes submissions in which the analysis of Near Eastern artifacts by means of physical or chemical techniques has led to a new or re-interpretation of the archaeological record. This year's theme, "From Processing to Provenience", includes such topics as raw material acquisition, manufacturing techniques, and product distribution. One session is planned for 4-5 speakers. Papers will be limited to 20-25 minutes.

Abstract deadline has passed. For information contact: Section Chair, Dr. Elizabeth Friedman, Department of Biological, Chemical, and Physical Sciences, Illinois Institute of Technology, 3101 S. Dearborn, Chicago, IL 60616. Tel: 312-567-7973; Fax: 312-567-3494; Email: <friedman@iit.edu>.

December 12-15, 2005. Canberra, Australia. Australasian Archaeometry Conference 2005.

The 2005 Australasian Archaeometry Conference will be held at the ANU, Canberra, hosted by the Department of Archaeology and Natural History, RSPAS, and the Centre for Archaeological Research. Sessions and papers usually focus on Australasia and the broader Asia-Pacific region, but sessions/papers by researchers working in other geographical areas will also be considered, especially if they have some relevance to work within the region (e.g., help to build up technical competency, etc).

Contact: Andy Fairbairn <andrew.fairbairn@anu.edu.au> or Sue O'Connor <oconnor@anu.edu.au>, or visit: <http://car.anu.edu.au/Archaeometry/Archaeometry_conference.html>.

April 9-13, 2006. New Orleans, Louisiana. International Coastal Symposium (ICS) 2006.

The Symposium will bring together a diverse range of coastal scientists to discuss a wide variety of subjects including sessions on beach-dune interactions and models, deltaic plain evolution, dynamics and conservation, Gulf Coast Holocene sea levels and Quaternary to recent coastal evolution, coastal restoration and conservation, coastal dune dynamics, hurricanes and coastal processes, coastal restoration and conservation, coastal education, GIS, LIDAR and coastal change, and coastal ecology.

A series of keynote presentations will be provided including Dr. Michael Hughes (Surfzone and Swash Processes), Dr. Douglas Sherman (Aeolian Transport Processes and Models), and Dr. Denise Reed (Marsh Dynamics and Evolution). Fieldtrips will include the Mississippi Delta Plain, Port Fourchon/Chenier Caminada/Grande Isle system, Swamps, Alligators and Plantations, and the Alabama/Florida Gulf Coast barrier systems. You will, of course also have a chance to visit the House of Blues (and many other notable music and

food venues), strut down Bourbon Street, participate in a Mardi Gras parade, and generally have a great time in downtown New Orleans.

Please consider the possibility of participating in ICS 06, presenting a paper in the area of your research interest, and potentially assisting us by organizing an invited session.

The web site will be operational very soon. If you have any questions or would like to organize a special session please contact the conference secretary, Ms. Needa Taylor at <ntaylor@lsu.edu>.

June 12-15, 2006. University College, London, UK. HOLIVAR2006 Open Science Meeting: "Natural Climate Variability and Global Warming."

For further details, including the preliminary programme and pre-registration, visit: <<http://www.holivar2006.org/>>. Full registration opens in May 2005. Poster presentations welcome.

June 25-29, 2006. Duluth, Minnesota. 10th International Paleolimnology Symposium: "Past Ecosystem Processes and Human-Environment Interactions."

The conference will emphasize the importance of paleo records in understanding global environmental impacts and their intersection with climate change. This topic is also a major focus of the IGBP-PAGES program. Papers dealing with all aspects of lacustrine sedimentary records are welcome.

The meeting venue is the recently-built Harbor Side Convention Center which faces directly onto the Duluth-Superior Harbor. Social events and local field trips will complement the 4-day technical program, and optional pre- and post-conference excursions to the famed North Shore and Itasca regions of northern Minnesota are planned. Duluth is reached by a short connecting flight from the Minneapolis/St. Paul International Airport. Information (some preliminary) about the conference theme, venue, social events, pre- and post-meeting field trips, and other matters is posted at: <<http://www.geo.umn.edu/paleolim10/>>.

September 19-25, 2006. Mekelle University, Mekelle, Northern Ethiopia. HIGHLAND 2006: Environmental Change, Geomorphic Processes, Land Degradation and Rehabilitation in Tropical and Subtropical Highlands.

For more information, click on symposia at: <http://www.kuleuven.ac.be/_geografie/frg/>.

NOTES

The editorial board of *Geodinamica Acta*, the European journal of geodynamics (previously entitled "Revue de Geologie Dynamique et de Geographie Physique" and first published in 1926), has recently changed. Y. Callot, who has been the associate editor in charge of geomorphic issues since

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(Notes, cont.)

1992 has transferred his scientific responsibilities to Hervé Piégay, research scientist in fluvial geomorphology at the National Centre of Scientific Research (CNRS) <http://www.univ-lyon3.fr/umr5600/chercheur/piegay/_accueil.htm>.

Hervé will now be responsible for the editorial process of the journal in the domain of geomorphology and more largely for environmental sciences.

We wish to inform the international community of geomorphologists that this journal can provide a support of their work at an international level and with an interdisciplinary audience. *Geodinamica Acta* is a generalist journal in Earth Science which focuses on external geodynamics.

In addition to the topics traditionally approached by the geomorphologist, we would like to encourage submission of manuscripts dealing with geomorphic change due to human actions or climate changes (at timescales ranging from the Holocene to recent decades), *geo-archaeology*, and interactions between physical, biological and physico-chemical processes. We would like to publish studies both on fundamental and applied aspects, promote quantified research and natural process modelling, and report new technical and methodological developments in geomorphology, notably in spatial analysis (remote sensing, GIS, geostatistics, spatially-distributed modelling, scaling).

Geodinamica Acta is an international journal, indexed to the Current Contents and with an impact factor similar to *Catena* and *ESPL*. All papers are in English. It is possible to see the journal (issues published 1998 - 2003) at the following web page on the Elsevier website:

<<http://www.sciencedirect.com/science/journal/09853111>>.

The journal has been accessible since January 2004 from the Lavoisier website:

<http://geodinamica.e-revues.com/_accueil.jsp>.

To submit a manuscript, please send 3 copies of it to: Dr. Hervé Piégay, UMR 5600 CNRS, 18 rue chevreur, 69362 Lyon cedex 07, France. You can submit it also by email in a PDF format at <piegay@univ-lyon3.fr>.

A special issue of *Photogrammetric Engineering and Remote Sensing* devoted to documentation of the quality and characteristics of data from the Shuttle Radar Topography Mission, and to describe applications benefiting from the data will be published in February 2006. Deadline for submission is July 1, 2005. Details may be found at: <http://www.asprs.org/publications/pers/2005journal/march/specialissue_2.html>. In addition, a **workshop** will be held June 14-16, 2005 in Reston, Virginia on **SRTM Data Validation and Applications**. More information will be posted soon on the SRTM web site: <<http://www2.jpl.nasa.gov/srtm/>>.

GSA Archaeological Geology Division Newsletter Volume 27, Number 1, Summer, 2005

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TO ALL VOTING MEMBERS OF GSA'S ARCHAEOLOGICAL GEOLOGY DIVISION:

This is the ballot for officers for the Archaeological Geology Division for 2004-2006; all AGD officers will serve two-year terms, in keeping with the AGD bylaws changes approved by AGD voters and the GSA Council in 2003. Please vote immediately by marking your ballot and mailing it to GSA, **postmarked no later than June 30, 2005**. If you prefer, you may vote online instead at <http://rock.geosociety.org/balloting/agd.asp> by June 30, 2005. Once at that site, you can log on using either your GSA member number or your e-mail address (if it is in your GSA records). If you need assistance, please contact GSA Services at gsaservice@geosociety.org or (303) 357-1000 option 3 or tollfree at (888) 443-4472. Brief biographies for this year's candidates follow.

CHAIR:

Gary A. Huckleberry. Educ: BS Geography, Northern Arizona Univ; MA Geography, Univ of Wyoming; PhD Geosciences, Univ of Arizona. Prof Exp: Consultant (04-present), Washington State Univ, Dept Anthropology, Adjunct Assoc Prof (04-present), Assoc Prof (01-04), Asst Prof (95-01); Ariz Geol Survey, Geologist II (92-95); Soil Systems Inc, Staff Geoarchaeologist (86-89). Prof Affil: GSA member since 1988; SAA, AMQUA. GSA Service: Vice Chair, Arch Geol Div, 03-05; Nominating comm, Arch Geology Div, 99-02; field trip coordinator Arch Geol Div, 02-03. Rsch Int: Surficial processes, climate change, human ecology, geoarchaeology, geomorphology, soils.

VICE CHAIR:

Andrea Freeman. Educ: BA Anthropology, BBA Business Admin, Southern Methodist Univ; MA Anthropology, Univ of Arizona; PhD Anthropology, Univ of Arizona. Prof Exp: Univ of Calgary, Depts Archaeology, Geography, Geol & Geophys, Asst Prof (97-present); Desert Archaeology, Inc, Project Dir and Geoarchaeologist (94-97); Consulting Geoarchaeologist (93-98). Prof Affil: GSA member since 1992; SAA, AMQUA, CAA, GAC. GSA Service: Secty/Treas, Arch Geol Div, 00-05; News Ed, Arch Geol Div, 00-04; Webmaster, Arch Geol Div, 01-05. Addtl Service: Co-Chair, Geoarch Int Group, SAA. Rsch Int: Geoarchaeology, hunter-gatherer archaeology, fluvial geomorphology, American Southwest, Northern Plains.

Jean-Daniel Stanley. BSc Cornell; MSc Brown; DSc Ecole Nationale Supérieure du Pétrole and Univ of Grenoble; Prof Exp: Smithsonian Inst, Sr Scientist and Dir, Coast and Delta Geoarchaeology Program (80-present), Sr Staff (66-80); Dalhousie Univ, Inst of Oceanography, Assoc (64-66); Ottawa Univ, Dept of Geology, Asst Prof (63-64). Prof Affil: GSA Fellow (1966), member since 1957; SEPM, IAS, AAPG, SAA, AIA. GSA Service: Chair, Penrose Ctte (1987); Secretary and Vice-Chair Northeastern Section (1960s); Organizer, International Penrose Conf (1972). Addtl Service: Internatl Court of Justice, the Hague (78-81). Awards/Honors: Shepard Medal (AAPG/SEPM, 1990); Italian Academy of Sciences and Technology (1998); Fellow, AAAS (1980). Rsch Int: subsidence of ancient Greek and Roman cities, evol of Holocene marine deltas, geol origin of the Mediterranean, geoarchaeology.

SECRETARY-TREASURER:

C. Russell Stafford. Educ: BA, Anthropology, CSU Long Beach; MA & PhD, Anthropology, Arizona State Univ. Prof Exp: Indiana State Univ, Dept Geography, Geology & Anthropology, Prof (99-present); Director, Anthropology Laboratory (87-present); Assoc Prof (93-99); Asst Prof, Dept of Anthropology (87-93); Asst Director, Contract Program, Center for American Archeology; Kampsville Archeological Center, (85-87); Research Archeologist/Principal Investigator, CAA (80-87); Service: Indiana State Prof Rvw Board, (89-93); Council for the Conservation of Indiana Archeology, President (88-91); Indiana State Native American Council (97-00). GSA member since 1997. Pub include: American Antiquity, Geoarchaeology, Journal Archaeological Science. Rsrch Int: Geoarchaeology, Archaic H&G, soil-geomorphology, Holocene landscape evolution; Midwest.

Ballot for the Election of 2004-2006 Officers for the GSA Archaeological Geology Division

Vote for no more than **one** candidate for each office by checking the appropriate box or by filling in the write-in space to vote for an individual not listed on this ballot. Your ballot must be postmarked by June 30, 2005, must be signed in the space provided, and must include your GSA member number* in order to be valid. Fold the ballot sheet in thirds, tape closed, and affix first-class postage or return it in an envelope to the address on the reverse side of this ballot. You may also fax your completed ballot to GSA at (303) 357-1074, Attn: AGD Ballot. Election results will be announced at the AGD Management Board meeting at the GSA Annual Meeting in Salt Lake City in October 2005 and will be posted on the Division website at <<http://rock.geosociety.org/arch/>>. Thank you for participating in your AGD election.

Chair:

- Gary A. Huckleberry**
- Write-In _____

Vice-Chair:

- Andrea Freeman**
- Jean-Daniel Stanley**
- Write-In _____

**Secretary-
Treasurer:**

- C. Russell Stafford**
- Write-In _____

Your Name (printed) _____

Your GSA Member Number* _____

Your Signature (required) _____

Ballot must be postmarked by June 30, 2005.

* Your GSA member number is printed in the top right corner of your mailing label for this newsletter.

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