UPCOMING MEETING

THE GEOLOGICAL SOCIETY OF AMERICA
November 4-7, 2018
Indianapolis, Indiana
https://community.geosociety.org/gsa2018/home

GSA Geoarchaeology Business Meeting &
Awards Ceremony
Indiana Convention Center Room 132

Scientific Field Trip:
404. Geoarchaeology of the Eastern Indiana
Glacial Plain
Saturday, November 3

GEOARCHAEOLOGY SESSIONS:

Session 5 Sunday, November 4 (8:00am-12:00pm)
Room 141 (Indiana Convention Center)
T59. Human Alterations to Landscape Connectivity

Session 17 Sunday, November 4 (8:00am-12:00pm)
Room 138-139 (Indiana Convention Center)
T165. Where Does the Wind Blow? Aeolian Systems
in Time and Space I

Session 21 Sunday, November 4 (9:00am-5:30pm)
Authors will be present from 3:30pm-5:30pm
Halls J-K (Indiana Convention Center)
D1. Advances in Geoarchaeology (POSTERS)

Session 78 Monday, November 5 (8:00am-12:00pm)
Room 135 (Indiana Convention Center)
T27. The Application of Soil Science in
Archaeological Research During the 21st Century

Session 184 Tuesday, November 6 (9:00am-6:30pm)
Authors will be present from 4:30pm-6:30pm
Halls J-K (Indiana Convention Center)
T111. Human Evolution and Environmental History in
Africa: 25 Years of Transformative Research
(POSTERS)

Session 201 Tuesday, November 6 (1:30pm-5:30pm)
Room 133 (Indiana Convention Center)
T9. Cultural Geology and Heritage Stone: Use,
Petrology, Quarrying, Engineering Properties, and
Other Aspects of Stone Used for Buildings,
Monuments, Sculpture, or Otherwise Relating to the
Interface of Stone with Human Culture Past and
Present

Session 223 Wednesday, November 7 (8:00am-
12:00pm)
Sagamore Ballroom 5 (Indiana Convention Center)
T4. Human Evolution and Environmental History in
Africa: 25 Years of Transformative Research

Session 226 Wednesday, November 7 (8:00am-
12:00pm)
Room 141 (Indiana Convention Center)
T60. Revolutions in Remote Sensing: Applications of
UAVs to Field Mapping and Surface Analytics

Session 275 Wednesday, November 7 (1:30pm-5:30pm)
Room 135 (Indiana Convention Center)
D42. Advances in Geoarchaeology

Session 279 Wednesday, November 7 (1:30pm-5:30pm)
Room 235 (Indiana Convention Center)
T65. Recent Advances in Using Near-Surface
Geophysics to Solve Geological Problems
CONFERENCES AND WORKSHOPS

2019 Society for American Archaeology 84th Annual Meeting
Albuquerque, NM
April 10–14, 2019

The Association of American Geographers Annual Meeting
Washington DC, USA
April 3–7, 2019
https://annualmeeting.aag.org/

European Geosciences Union General Assembly 2019
Vienna, Austria
April 7–12, 2019
http://egumeeting.org/#About

2019 Archaeological Institute of America Meeting
(Joint meeting with the Society for Classical Studies)
San Diego, CA
January 3–6, 2019
https://www.archaeological.org/meeting/about

XX INQUA Congress
Dublin, Ireland
July 25–31, 2019
http://www.inqua.org/inquaCongress.html

Soil Science Society of America Annual Meeting
San Diego, CA
January 6–9, 2019
https://www.sacmeetings.org/
Session of Interest: Crossdivision Symposium--Geoarchaeology and Ancient Anthropogenic Soils

GEOLOGICAL SOCIETY OF AMERICA REGIONAL SECTION MEETINGS
https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/Home.aspx

2019 GSA Southeastern Section
68th Annual Meeting
April 28–29, 2019 • Charleston, South Carolina
Abstracts Due: December 4
https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/se/2018mtg/home.aspx

2019 GSA Northeastern Section
(54th Annual Meeting)
March 17–19, 2019 • Portland, Maine
Abstracts Due: December 11
https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/ne/2019mtg/home.aspx

2019 GSA Joint Meeting
Rocky Mountain (71st Annual Meeting)
March 25–27, 2019 • Manhattan, Kansas
Abstracts Due: December 4, 2018
http://www.geosociety.org/ne-mtg

2019 GSA Cordilleran Section
(115th Annual Meeting)
May 15–17, 2019 • Portland, Oregon
Abstracts Due: February 5, 2019

AWARDS

THE DOUGLAS C. KELLOGG AWARD FOR GEOARCHEOLOGICAL RESEARCH

The Douglas C. Kellogg Award provides support for dissertation research, with emphasis on the field and/or laboratory aspects of this research, for graduate students in the earth sciences and archaeology. Under the auspices of the SAA’s Geoarchaeology Interest Group, family, friends, and close associates of Douglas C. Kellogg formed a memorial in his honor.

Eligibility: Recipients of the Kellogg Award will be students who are (1) actively pursuing the Ph.D. degree in earth sciences or archaeology; (2) applying earth science methods to archaeological research and (3) seeking to engage in a career in geoarchaeology.

Materials Required: The application should consist of a research proposal no more than three pages long that describes the research and its potential contributions to American archaeology, a curriculum vita, and two letters of support, including one from the chair that certifies that the student is conducting the proposed research along with the expected date of completion of the degree. Electronic submissions as pdfs sent to the committee chair are preferred. File names must include the applicants surname or last name and the award (Douglas C. Kellogg Fund for Geoarchaeological Research) must be clearly indicated in the proposal.
GEOARCHAEOLOGY INTEREST GROUP
PAUL GOLDBERG RESEARCH AWARD
(formerly the M.A./M.S. RESEARCH AWARD)

The Geoarchaeology Interest Group Paul Goldberg Research Award provides support for thesis research, with emphasis on the field and/or laboratory aspects, for graduate students in the earth sciences and archaeology.

Eligibility: Recipients of the Geoarchaeology Interest Group Paul Goldberg Research Award will be students who are (1) actively pursuing the M.A. or M.S. degree in earth sciences or archaeology (please indicate which on application); and (2) applying earth science methods to archaeological research.

Materials Required: The application should consist of a research proposal no more than three pages long that describes the research and its potential contributions to American archaeology, a curriculum vita, and two letters of support, including one from the committee chair that certifies that the student is conducting the proposed research along with the expected date of completion of the degree. Electronic submissions as pdfs sent to the committee chair are preferred. File names must include the applicants surname or last name and the award you are applying for must be clearly indicated in the proposal.

For more information contact:
Cynthia Fadem (Earlham: fademcy@earlham.edu)


Submission Deadline: November 1, each year

Congratulations to our 2018 awardee:
Rachel Cajigas (University of Arizona)!

SOCIETY FOR ARCHAEOLOGICAL SCIENCES
STUDENT RESEARCH INTERNATIONAL TRAVEL AWARD

The Society for Archaeological Sciences is pleased to announce the creation of the SAS Student Research International Travel Award. Up to $1000 is now available to help with costs of international travel for laboratory or field research to students who have been SAS members for more than one consecutive year.

Eligibility: Applications will be accepted from undergraduates in their final year of study who are planning to attend graduate school as well as Masters degree and PhD students. Research must be undertaken in a different country than that of their home institution. Funds may not be used to attend at conferences, field schools, classes and/or training courses.

Application guidelines: http://www.socarchsci.org/awards1.html

Submission deadline: February 1 & September 1, annually

FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH

The Fryxell Award is presented in recognition for interdisciplinary excellence of a scientist who need not be an archaeologist, but whose research has contributed significantly to American archaeology. The award is made possible through the generosity of the family of the late Roald Fryxell, a geologist whose career exemplified the crucial role of multidisciplinary cooperation in archaeology. The award cycles through zoological sciences, botanical sciences, earth sciences, physical sciences, and general interdisciplinary studies. The Fryxell Award for 2019 will be presented in the ‘physical sciences’ category.

Eligibility: Any professional archaeologist may submit nominations for this award. Nominees must be SAA members by the time of their nomination.

Materials Required: Nominators must submit a letter describing the nature, scope, and significance of the nominee’s contributions to American archaeology, as well as the nominee’s curriculum vita. Support letters from other scholars are helpful. 4-6 are suggested. Please send submissions to the committee chair.

For more information contact:
Alan H. Simmons (simmonsa@unlv.nevada.edu)

For more information contact:
Cynthia Fadem (Earlham: fademcy@earlham.edu)


Submission Deadline: November 1, each year

Congratulations to our 2018 awardee:
Rachel Cajigas (University of Arizona)!
**Application guidelines:**

**Nomination/Submission Deadline:** March 1, 2019

**Congratulations to our 2018 awardee:**
**Vance T. Holliday (University of Arizona)!**

---

**RIP RAPP AWARD**

George "Rip" Rapp, Jr. was one of the primary individuals responsible for establishment of the division and generously established a division award fund with the GSA Foundation. The award is given for outstanding contributions to the interdisciplinary field of geoarchaeology.

**Materials Required:** Nominations should include a biographical sketch, a statement of outstanding achievements, and a selected bibliography of the nominee.

**For more information contact:**
Rolfe D. Mandel (mandel@ku.edu)

**Nomination deadline:** February 15, annually

**Congratulations to our 2018 awardee,**
**Gary Huckleberry (University of Arizona)!**

---

**CLAUSE ALBRITTON, JR. AWARD**

Under the auspices of the Geoarchaeology Division, family, friends and close associates of Claude C. Albritton, Jr., have formed a memorial fund in his honor at the GSA Foundation.

**Eligibility:** Recipients of the award are students who have (1) an interest in achieving a Master's 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 teaching and academic research.

**For more information contact:**
Rolfe D. Mandel (mandel@ku.edu)

**Application guidelines:**
https://community.geosociety.org/gearchdivision/awards/student/albritton

**Submission deadline:** March 5, annually.

**Funding & Contributions:** Initially, the fund was set up with a gift of several thousand dollars. Members of the division, other GSA members, and those who know Claude are being asked to consider contributing to this fund. To contribute to the Albritton Fund, send your gift to the GSA Foundation, indicating that the gift should go toward this award.

---

**Congratulations to our 2018 awardees,**
**Katelyn McDonough (Texas A&M University) and Michael Grooms (University of New Mexico)!**

**R.E. TAYLOR STUDENT POSTER AWARD**

This prestigious award acknowledges innovative student contributions to archaeological research through the use of scientific methods, and has enhanced the careers of prominent young scholars and professionals for more than a decade. The award is named in honor of Professor Emeritus R. Ervin Taylor of the University of California at Riverside for his outstanding contributions in the development and application of radiocarbon dating in archaeological research and his dedication to the founding of the Society for Archaeological Sciences; his leading role as President (1980) and General Secretary (1981-2002) of the Society; and his committed service as editor of the SAS Bulletin. Professor Taylor's many valuable contributions were recognized by the SAA in 2004 with the Fryxell Award for Interdisciplinary Research. The award consists of $100 US, a one-year SAS membership and subscription to the SAS Bulletin.

**Eligibility:** Entries will be judged on the significance of the archaeological problem, appropriate use of methods, soundness of conclusions, quality of the poster display, and oral presentation of the poster by the student, who should be the first author in order to be considered. Students should submit an email application to Tatsuya Murakami (tmurakam@tulane.edu) by Friday March 29, 2019. Applications must include the title and abstract of the poster, evidence that you have registered for the Society for American Archaeology (SAA) meetings (email from the SAA), and proof of your status as an undergraduate or graduate student (usually appears on your SAA registration).

**For more information contact:**
Tatsuya Murakami (tmurakam@tulane.edu)

**Application guidelines:**
http://www.socarchsci.org/awards.html

**Submission deadline:** March 29, 2019
**RICHARD HAY STUDENT PAPER/POSTER AWARD**

Richard Hay was a long-standing member of the Geoarchaeology Division and had a long and distinguished career in sedimentary geology, mineralogy, and geoarchaeology. He is particularly well known for his work on the Olduvai Gorge and Laetoli hominid-bearing sites and was awarded the Division's Rip Rapp award in 2000. The grant is competitive and will be awarded based on the evaluation of the scientific merit of the research topic and the clarity of an expanded abstract for the paper or poster prepared by a student for presentation in the Division's technical session at the meeting.

**Eligibility:** The Richard Hay Student Paper/Poster Award is a travel grant awarded to a student presenting a paper or poster at the GSA's annual meeting.

**For more information contact:** Rolfe D. Mandel (mandel@ku.edu)

**Application guidelines:**
https://community.geosociety.org/geoarchdivision/awards/student/hay

**Submission deadline:** September 20, annually.

**Funding & Contributions:** To contribute to the Hay Award, send your gift to the GSA Foundation, designating the gift for the Geoarchaeology Division Fund.

---

**GEOARCHAEOLOGY: AN INTERNATIONAL JOURNAL**

Geoarchaeology is an interdisciplinary journal published six times per year that presents the results of original research at the methodological and theoretical interface between archaeology and the geosciences. Established in 1986 and published by Wiley, it remains the premier peer-reviewed publication emphasizing our discipline. The number of submissions and impact factor have substantially increased over the past 10 years reflecting growth in the discipline and enhanced prestige of the journal. In response to the increasing popularity of the journal, Wiley has targeted Geoarchaeology as a growth publication and increased our page budget by 15%.

You are invited to submit your research to Geoarchaeology. There are three submission categories: research articles, short contributions, and review papers. Manuscripts should examine the interrelationship between archaeology and the various disciplines within Quaternary science and the Earth Sciences more generally, including, for example: geology, geography, geomorphology, pedology, climatology, oceanography, geochemistry, geochronology, and geophysics. Because the journal is international, authors should present their research within a large scholarly context such that results are of global significance. Manuscripts reporting on research conducted in the Americas, Africa, Asia, and Australia are especially encouraged. Manuscript submission and review is fully electronic and processed through Manuscript Central, a web-based program for managing documents in the peer-review process.

Manuscripts accepted for publication are processed rapidly and appear on-line in Early View on the Journal’s website.

The journal is co-edited by Jamie C. Woodward and Sarah C. Sherwood who are assisted by a board of expert Associate Editors. At the start of 2018, after 10 years of exemplary service, Co-editor Gary Huckleberry stepped down and was replaced by Sarah Sherwood. The journal wishes to recognize Dr. Huckleberry’s 10 years of commitment to excellence in helping to grow the journal and enhance its profile and quality.

For more information, contact: Sarah C. Sherwood (sherwood@sewanee.edu) or Jamie Woodward (jamie.woodward@manchester.ac.uk).

**Journal Website & Submission Guidelines:**
https://onlinelibrary.wiley.com/journal/15206548
NOTES FROM THE FIELD

STUDENT AND FACULTY NEWS

Justin Holcomb (Boston University) conducted geoarchaeological fieldwork the Connley Caves, a Western Stemmed Tradition occupation in south-central Oregon dating to the late Pleistocene and early Holocene. As part of a collaboration with the University of Oregon's Museum of Natural and Cultural History, this research seeks to integrate geomorphological, pedological, mineralogical, and geochemical data to 1) critically evaluate the stratigraphic integrity of the site’s deposits, 2) reconstruct the site's natural and cultural site formation processes, and 3) shed light on human-environment dynamics associated with the local pluvial lake system. Justin is currently analyzing these data at the Malcolm H. Wiener Laboratory for Archaeological Science, directed by Dr. Takis Karkanas (American School of Classical Studies at Athens), where he is the current Predoctoral Fellow.

Leila Donn (UT Austin) along with mentors Dr. Timothy Beach (UT Austin) and Dr. Duncan Cook (Australian Catholic University) used LiDAR imagery to identify potential cave entrances in the thick Guatemalan jungle surrounding the Maya archaeological site of El Zotz. She hiked anywhere from 8 – 12 miles to access these locations in hopes to learn more about the little-studied geology of the region. Her team explored about a dozen potential cave locations, discovering four actual caves. Two of the caves terminated in very large chambers that she estimates to be well over 50 feet in length, width, and height. The longest cave, which had an entrance of just 63 cm in height, was between 0.25 km and 0.5 km, contained a number of Maya ceramics. In upcoming field seasons she will continue to explore the Maya use of the caves and areas surrounding them.