

SOCIETY FOR
AMERICAN
ARCHAEOLOGY'S
GEOARCHAEOLOGY
INTEREST GROUP
NEWSLETTER



SOCIETY FOR AMERICAN ARCHAEOLOGY

Spring 2021

Editor: Rachel Cajigas
(rmcajigas@ua.edu)



Photo: Buried Mississippian cultural strata under about one meter of modern alluvial sands, Moundville Archaeological Park, Alabama. Photo courtesy of the University of Alabama's Office of Archaeological Research.

LETTER FROM THE CHAIR:

Dear GIG Members,

The SAA Conference is around the corner! While it has been a strange and difficult year for everyone, our membership has been busy conducting research and teaching the next generation of geoarchaeologists. Newsletter editor Rachel Cajigas has provided us with relevant geoarchaeological happenings for this year's virtual meeting. As you will see, we will have at least three poster sessions and six symposia related to geoarchaeology. Be sure to check out the GIG sponsored forum "Teaching and Training in Geoarchaeology: Pedagogical Methods and Curricular Pathways" chaired by Carlos Cordova and Andrea Freeman.

Please plan to attend the Geoarchaeology Interest Group business meeting on Saturday April 17 from 12:00-1:00pm (zoom details are not yet available, so please check the conference schedule). It will be a busy meeting where we will discuss our membership, the newly approved undergraduate student award (which needs naming approval from our membership), and a change in leadership. While it has been an honor and privilege to serve as chair for the past few years, I must step down, and our Interest Group choose a new chair.

Please read on to see the most recent geoarchaeology award winners. I would like to thank Katie Adelsberger (Knox College) for chairing the Geoarchaeology Interest Group Awards. Thank you Christine Hastorf (Berkeley) for chairing the SAA Fryxell Award for Interdisciplinary Research.

If you have not yet signed up to receive the GIG e-communities announcements, please go to your SAA account and choose to participate in our e-community.

Ed Herrmann, Chair
Geoarchaeology Interest Group

SOCIETY FOR AMERICAN ARCHAEOLOGY

86th ANNUAL MEETING

ONLINE

April 15-17, 2021

Geoarchaeology Interest Group Meeting
Saturday, April 17
12:00 PM – 1:00 PM Eastern

SESSIONS OF INTEREST:

POSTER SESSIONS

(There are no assigned times for poster sessions—they will be available on demand throughout event)

[6] POSTER SESSION: CURRENT RESEARCH IN GEOARCHAEOLOGY
Room: Poster Hall

[34] POSTER SESSION: MCDONALD CREEK AND BLAIR LAKES: LATE PLEISTOCENE-HOLOCENE HUMAN ACTIVITY IN THE TANANA FLATS OF CENTRAL ALASKA

Room: Poster Hall

Chairs: Kelly Graf and Julie Esdale

[36] POSTER SESSION: GEOARCHAEOLOGICAL RESEARCH

Sponsored by the Geoarchaeology Interest Group

Room: Poster Hall

Chair: Ed Herrmann

[36] POSTER SESSION: PEOPLE, CLIMATE, AND PROXIES IN HOLOCENE WESTERN NORTH AMERICA

Room: Poster Hall

Chairs: Steven Hackenberger and Mark Hall

Thursday, April 15, 2021

[45] SYMPOSIUM: RISKY BUSINESS PART 1: COMPARATIVE APPROACHES TO RISK AND RESILIENCE IN DRYLAND ENVIRONMENTS

Room: Continental Ballroom 4

Time: 8:00–10:30 A.M.

Chairs: Emily Dawson and Camille Weinberg

[67] SYMPOSIUM: RISKY BUSINESS PART 2: COMPARATIVE APPROACHES TO RISK AND RESILIENCE IN DRYLAND ENVIRONMENTS

Room: Continental Ballroom 4

Time: 1:00–3:00 P.M.

Chair: Alison Damick

[72] GENERAL SESSION: PAST AND PRESENT IMPLICATIONS OF ENVIRONMENT AND CLIMATE

Room: Union Square 2

Time 1:00–4:00 P.M.

Chair: Isabel Rivera-Collazo

[83] SYMPOSIUM: ARCHAEOLOGY AND THE HISTORY OF HUMAN-ENVIRONMENT INTERACTION IN THE LOWER BELIZE RIVER WATERSHED

Room: Union Square 3

Time: 2:00–4:15 PM

Chair: Eleanor Harrison-Buck

Friday, April 16, 2021

[99] SYMPOSIUM: CONSTRUCTING CHRONOLOGIES I: STRATIFICATION AND CORRELATION

Room: Continental Ballroom 5

Time: 8:00–11:30 AM

Chairs: Thomas Dye, Caitlin Buck and Keith May

Saturday, April 17, 2021

[152] SYMPOSIUM: FROM VELD TO COAST: DIVERSE LANDSCAPE USE BY HUNTER-GATHERERS IN SOUTHERN AFRICA FROM THE LATE PLEISTOCENE TO THE HOLOCENE

Room: Union Square 2

Time: 8:00–11:00 AM

Chairs: Benjamin Collins and Aurore Val

[174] FORUM: TEACHING AND TRAINING IN GEOARCHAEOLOGY: PEDAGOGICAL METHODS AND CURRICULAR PATHWAYS

Sponsored by the Geoarchaeology Interest Group

Room: Yosemite

Time: 1:00 – 3:00 PM

Chairs: Carlos Cordova and Andrea Freeman

UPCOMING CONFERENCES AND WORKSHOPS

GEOLOGICAL SOCIETY OF AMERICA
PORTLAND, OREGON
OCTOBER 10–13, 2021

ABSTRACT SUBMISSIONS DUE: JULY 20, 2021

Geological Society of America Regional Section Meetings:

Joint North-Central and South-Central Sections

April 18–20, 2021 Online Meeting

https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/nc/2021mtg/home.aspx

Cordilleran Section

May 12–14, 2021 Online Meeting

https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/cd/2021mtg/home.aspx

Northeastern Section

March 14–15, 2021 Online Meeting

https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/ne/2021mtg/home.aspx

Southeastern Section

April 1–2, 2021 Online Meeting

https://www.geosociety.org/GSA/Events/Section_Meetings/GSA/Sections/se/2021mtg/home.aspx

The Association of American Geographers Annual Meeting
April 7–11, 2021 Online Meeting
<https://www2.aag.org/aagannualmeeting/>

European Geosciences Union General Assembly 2021
April 19–30, 2021 Online Meeting
<https://www.egu.eu/meetings/general-assembly/>

9th Developing International Geoarchaeology Conference
May 17–21, 2021 Online Meeting
<https://dig2021.icarehb.com/wp/>

Arbeitskreis Geoarchäologie Working Group Geoarchaeology Annual Meeting
May 7–8, 2021 Online Meeting
<https://akgeoarchaeologie.de/>

Annual Meeting of the Archaeological Institute of America (AIA)
January 7–10, 2022
San Francisco, CA
<https://www.archaeological.org/programs/professionals/annual-meeting/>

AWARDS

THE DOUGLAS C. KELLOGG AWARD FOR GEOARCHAEOLOGICAL 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) members of the Society for American Archaeology.

Materials Required: The application should consist of (1) a research proposal no more than three pages in length (excluding references) that describes the research and its potential contributions to Geoarchaeology, (2) a curriculum vitae, and (3) a letter of support from the dissertation committee chair that certifies that the student is conducting the proposed research along with the expected date of completion of the degree. Applicants should send their proposals and CVs as a single PDF to the committee chair. File names must include the applicant's surname and SAA member number. The Kellogg Fellowship must be part of the proposal title. Applicants should instruct their advisors to send recommendation letters directly to the Awards Committee chair.

For more information contact: Katherine A. Adelsberger (kadelsbe@knox.edu)

Application guidelines:

<https://www.saa.org/career-practice/awards/awards-detail/douglas-c.-kellogg-fellowship-for-geoarchaeological-research#award-guidelines>

Submission Deadline: December 1, 2020. Review SAA website for updated 2021 deadlines.

CONGRATULATIONS TO THE 2020 DOUGLAS C. KELLOGG AWARD FOR
GEOARCHAEOLOGICAL RESEARCH: Helen Thompson (University of Sheffield)

GEOARCHAEOLOGY INTEREST GROUP PAUL GOLDBERG AWARD

The Paul Goldberg Award provides support for thesis research, with emphasis on fieldwork and/or laboratory analyses, for graduate students in the earth sciences and archaeology. **Eligibility:**

Recipients of the Geoarchaeology Interest Group Paul Goldberg M.A./M.S. 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), (2) applying earth science methods to archaeological research and (3) members of the Society for American Archaeology.

Materials Required: The application should consist of (1) a research proposal no more than three pages in length (excluding references) that describes the research project and its importance to the discipline of Geoarchaeology (2) a curriculum vitae, and (3) a letter of support from the thesis committee chair that includes certification that the student is conducting the proposed research and the expected date of completion of the degree.

Applicants should send their proposals and CVs as a single PDF to the committee chair. File names must include the applicant's surname and SAA member number. The Goldberg Award must be part of the proposal title. Applicants should instruct their advisors to send recommendation letters directly to the Awards Committee chair.

For more information contact: Katherine A. Adelsberger (kadelsbe@knox.edu)

Application guidelines:

<https://www.saa.org/career-practice/awards/awards-detail/paul-goldberg-award>

Submission Deadline: December 1, 2020. Review SAA website for updated 2021 deadlines.

CONGRATULATIONS TO THE 2020 PAUL GOLDBERG MA/MS GRADUATE AWARD

RECIPIENT: Denay Grund

GEOARCHAEOLOGY UNDERGRADUATE TRAVEL AWARD

The Geoarchaeology Interest Group funds the Geoarchaeology Undergraduate Travel Award to support travel to the SAA Annual Meeting for an undergraduate student presenting a research paper or poster in geoarchaeology.

Eligibility: Recipients of the Geoarchaeology Undergraduate Travel Award will be (1) actively pursuing a B.A. or B.S. degree in Earth sciences or archaeology, (2) applying Earth science methods to archaeological research, and (3) members of the Society for American Archaeology.

Materials Required: Complete applications for the Geoarchaeology Undergraduate Travel Award consist of (1) the conference abstract accepted by SAA for presentation at the Annual Meeting and (2) a letter of support from the research or academic advisor that includes certification that the student conducted or is conducting the research to be presented.

Applicants should send their paper or poster abstracts as a PDF to the Geoarchaeology Awards Committee chair (see below for contact info). File names must include the applicant's surname and SAA member number. Applicants should also instruct their advisors to send recommendation letters directly to the committee chair.

For more information contact: Katherine A. Adelsberger (kadelsbe@knox.edu)

Application guidelines: <https://www.saa.org/career-practice/awards/awards-detail/geoarchaeology-undergraduate-travel-award>

Submission Deadline: December 1, 2020. Review SAA website for updated 2021 deadlines.

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 2022 will be presented in the PLANT SCIENCES category.

Eligibility: Anyone may submit a nomination. The committee does not accept self-nominations. Awardees may be members or nonmembers of the SAA.

Materials Required: Nominators must submit a letter that describes 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. Four to six are suggested. Please send submissions to the committee chair.

For more information contact: Christine Hastorf (hastorf@berkeley.edu)

Application guidelines:

<https://www.saa.org/career-practice/awards/awards-detail/fryxell-award-for-interdisciplinary-research-for-2021>

Nomination/Submission Deadline: March 2, 2021

CONGRATULATIONS TO THE 2020 FRYXELL AWARD RECIPIENT: Mary Clare Stiner

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 archaeological geology.

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

For more information contact: gsa.agd@gmail.com

Nomination deadline: February 15, annually

CONGRATULATIONS TO THE 2020 RIP RAPP AWARD RECIPIENT: Gail Ashley

CLAUDE ALBRITTON, JR. AWARD

The Albritton Award Fund provides scholarships and fellowships for graduate students in the Earth sciences and archaeology for research. Recipients of the award are students who have (1) an interest in achieving a Master's or Ph.D. 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. Awards in the amount of \$650 are given in support of thesis or dissertation research, with emphasis on the field and/or laboratory aspects of the research.

For more information contact: gsa.agd@gmail.com

Application guidelines:

<https://community.geosociety.org/geoarchdivision/awards/student/albritton>

Submission deadline: March 19, 2020. Please see website for updated 2021 deadline.

CONGRATULATIONS TO THE 2020 CLAUDE ALBRITTON, JR. AWARD RECIPIENT:
Jiun-Yu Liu

RICHARD HAY STUDENT PAPER/POSTER AWARD

Richard Hay was a long-standing member of the Archaeological Geology Division and had a long and distinguished career in sedimentary geology, mineralogy, and archaeological geology. 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. The Geoarchaeology Division Awards Committee selects recipients based on the scientific merit of their research topic and the clarity of their expanded paper or poster abstract. Applicants must submit their abstract to GSA by the deadline and be presenting their paper or poster in one of the Division's sessions at the annual meeting.

For more information contact: gsa.agd@gmail.com

Application guidelines:

<https://community.geosociety.org/geoarchdivision/awards/student/hay>

Submission deadline: August 30, 2020. Please see website for updated 2021 deadline.

CONGRATULATIONS TO THE 2019 RICHARD HAY STUDENT PAPER/POSTER AWARD

RECIPIENT: Cayla Kennedy

GEOARCHAEOLOGY: AN INTERNATIONAL JOURNAL

Greetings from Geoarchaeology. The number of submissions continues to increase, and the impact factor has substantially increased over the past 10 years reflecting growth in the discipline and enhanced prestige of the journal. This is all thanks to the quality manuscripts received and the prompt and generous time and efforts of our peer reviewers. The interdisciplinary journal continues to be published six times per year without any page charges to the authors. The journal presents the results of original research at the methodological and theoretical interface between archaeology and the geosciences.

NEWS!

We want to welcome our new Book Review Editor, Cynthia Fadem, Associate Professor of Geology at Earlham College. Please let us know about any new books or special issues of journals that might be of interest to the geoarchaeology community.

We are wrapping up a special issue on Geoarchaeology in South America, guest-edited by Paula Carolina Ugalde, Luca Sitzia and Vance Holliday. This issue should be out by the end of the year. Work on a new special issue is just beginning under guest editors Wang Hui, Michael Storozum, TR Kidder, and Yijie Zhuang on Geoarchaeology in China: Recent Trends and Developments. We invite you to submit your research to Geoarchaeology. Wiley has established a new manuscript management system in which you can upload your manuscript in any format. This is a significant improvement over the previous process. Manuscripts accepted for publication are processed rapidly and appear on-line in Early View on the journal's website.

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, Australia and Polynesia are especially encouraged.

The journal is co-edited by Sarah C. Sherwood and Kevin Walsh, who are assisted by a board of expert Associate Editors.

For more information, contact: Sarah C. Sherwood (sherwood@sewanee.edu) or Kevin Walsh (kevin.walsh@york.ac.uk).

Journal Website & Submission Guidelines: <https://onlinelibrary.wiley.com/journal/15206548>

ANNOUNCEMENTS

***** NEW NEWSLETTER EDITOR NEEDED *****

The Society for American Archaeology's Geoarchaeology Interest Group and the Geological Society of America's Geoarchaeology Division are seeking a new Newsletter Editor (or co-editors) to publish the bi-annual geoarchaeology newsletter. This is a great opportunity to network with other geoarchaeologists and provide important service to the discipline. All are welcomed to apply. Please contact Rachel Cajigas (rmcajigas@ua.edu) for more information.