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Dear HBA Members,

Hello! I write to announce news of our forthcoming Annual Meeting – which will feature both in-person and virtual sessions. I also write to let you know of a strategic change to the structure of HBA membership dues; announce who are our newest HBA officers and who is the HBA Conduct Representative; and clarify the process adopted under the HBA Conduct Policy. In this way, we seek to further our commitment to outreach, diversity, and inclusion.

There is a lot of information included in this letter. And some HBA options have changed!

The 47th Annual Meeting of the Human Biology Association will be held in person (and virtually) in Denver Colorado, Tuesday 22nd to Thursday 24th March, 2022. Information on the meetings, along with instructions for submitting abstracts and proposals, are detailed in the attached first and only HBA Call for Abstracts/Proposals, also posted on the HBA website.

Deadlines for submissions included in this call are:

• **Contributed abstracts** Oct 15, 2021
• **Phyllis Eveleth & E. E. Hunt, Jr. Awards** Oct 15, 2021
• **Hilde Spielvogel Award** Oct 15, 2021
• **Proposals for Break-Out Sessions** Oct 15, 2021
• **International Member Travel Award** Feb 15, 2022
• **Student Travel Awards** Feb 15, 2022

Calls for Nominations listed below will be sent separately. Deadline for these submissions are:

• **Franz Boas Distinguished Achievement Award** Oct 15, 2021
• **Michael A. Little Early Career Award** Oct 15, 2021
• **HBA open offices** Oct 15, 2021
  • Membership chair
  • Nomination & Elections Committee (2 members)

Now for details of the new HBA membership dues structure! Last year, we heavily discounted the registration fees for our annual meeting, given its online format. This year, we are heavily discounting the membership dues for international members: the intent is to create an affordable fee structure to help scholars join our Association. This is crucial for scholars from low and middle income countries; it also helps scholars from high-income countries who face high travel costs. We will all benefit from a more diversified membership.

So here are the new HBA membership dues for international members:

• $40 for international Fellows
• $30 for international Students

Find us online at: [www.humbio.org](http://www.humbio.org)
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25 August, 2021
The dues for students from US and Canada will remain unchanged, as will dues for non tenure-track and emeriti faculty.

- $60 for students from US and Canada
- $105 for postdocs and non tenure-track Fellows from US and Canada
- $90 for Emeriti Fellows

We need, however, to increase the membership dues for all our other Fellows, whom we thank for helping to subsidize a fairer structure for all.

- $160 (full-rate) for tenured and tenure-track Fellows from US and Canada

Why pay dues to the Human Biology Association? You help build a diverse network of scholars to promote understanding of human biological diversity. You belong to an Association that is one of the friendliest and most welcoming association on the planet! You help create opportunities for effective mentorship (across Fellows and students) and celebrate the notable accomplishments of Human Biology scholars. You have access to the American Journal of Human Biology (impact factor raised to 1.937 under the leadership of Bill Leonard, Editor-in-Chief), as well as access to the Sausage of Science podcasts. Your Officers and Student Representatives work with energy and enthusiasm to serve the Association – please extend your support of the Association.

Please note that our Annual Meeting registration will stay the same ($100) as in 2020, except for the discounted in-person fees we are introducing this year for post-doctoral and international Fellows ($85), for students from US/Canada ($50), for low-and-middle income country Fellows ($50) and low-and-middle income country students ($10). Registration for the in-person meeting includes access to all virtual sessions. Virtual-only participation is discounted by 50% except for international students whose virtual participation fees are paid through the 2020 Diversity Initiative. In the event of an all-virtual meeting, registered in-person participants will be refunded 50% to the virtual only rate. The HBA is also upgrading our meeting and membership software to better serve our membership so you may notice some changes as you are registering for the Annual Meeting or renewing your membership.

As a reminder, last year, we launched a fundraising Diversity Initiative seeking to bring additional and diverse voices to current HBA membership. We were able to fund ~40 applicants, covering the membership fees of both students and Fellows from international backgrounds to join the HBA for a period of two years. Thank you, HBA members, for your generosity, and thanks to our Membership Committee Chair, Claudia Valeggia, and our outgoing International Committee Chair, Pablo Nepomnaschy, for having helped with recruitment and applications. Please note something quite important: you can donate to the Diversity Initiative, this year also, at the time of renewing your own membership and Annual Meeting registration.

We also launched a Community-Building and Networking Program to increase student involvement in the HBA and connect pre- and post-doctoral students more closely with faculty members. The Junior Service Fellows - Kayleigh Meighan and Taiye Winful - serve as point persons for this Networking Program. Mecca Burris-Howe and Elizabeth Koselka now serve as our HBA Student Representatives.

Were you at our 2021 meetings? Heartfelt thanks to Gillian Ice, Program Chair, and to the Program Committee who successfully launched our first-ever virtual HBA Annual Meeting! Welcomed to our brand new officers: Josh Snodgrass was elected as President-Elect, EA Quinn as Treasurer, and Hinton Pereira da Silva as incoming International Committee Chair. Note also that Achsah Dorsey and Morgan Hoke joined the Nominations/ Election Committee, and Barbara Piperata and Alanna Rudzick joined the Publication Committee. What a great team we have! And on behalf of the HBA, a big ‘thank you’ to all departing HBA officers and HBA student representatives, for your great service to our association.
Our congratulations to Andrea Wiley, who delivered the 2021 Raymond Pearl Lecture, and to Bill Leonard and Carol Worthman, who received, respectively, the 2021 and 2020 Franz Boas Distinguished Achievement Awards. Congratulations also to Zachary Dubois (2021), Lee Gettler (2020), and Zaneta Thayer (2020) who received the Michael A. Little Early Career Awards, and to Maurizio Meloni who received the 2021 HBA Inaugural Book Prize. Finally, we would like to congratulate the winners of our 2021 student awards: Samantha McCrane (E.E. Hunt Award), Christopher Nicholas (Phyllis Eveleth Award), and Kaspars Mikelsteins (Hilde Spielvogel Award).

Finally, and very importantly, we have formalized the HBA Conduct and Harassment Policy. This policy details our community standards for professional, ethical, and inclusive conduct. Alex Brewis Slade has kindly assumed the inaugural position of HBA Conduct Representative for 2021-24 – you can reach her by email at: Alex.Brewis@asu.edu. She is the person who takes reports and activates due process, without being involved in any determination. A third party will be commissioned to investigate complaints (there is no internal investigation) and report to the Executive Committee, which decides due outcome. Please note that the HBA is actively engaged in the Societies Consortium on Sexual Harassment in STEMM, and our Code of Ethics is featured on our website.

I very much hope to see you next March. We all look forward to being together at the 47th Annual Meeting.

My very best wishes,

Catherine Panter-Brick, President
First & Final Call for Abstracts/Proposals and Submission Instructions

Please direct questions to the Program Chair, Gillian Ice (iceg@ohio.edu)

Call for Abstracts:
Both members and non-members are invited to submit an abstract of a proposed presentation to be delivered in Denver, CO and virtually at the 47th Annual Meeting of the Human Biology Association, scheduled for March 22-25, 2022 (full instructions follow). New update: Beginning this year, abstracts will be accepted in both English and Spanish.

Submission Deadlines:
1) Proposals for the Joint AAPA/HBA Symposium August 16, 2021
2) Contributed Abstracts October 15, 2021
3) E. E. Hunt, Jr. Award October 15, 2021
   (indicated at abstract submission)
4) Hilde Spielvogel Award October 15, 2021
   (indicated at abstract submission)
5) Proposals for Break-out Sessions October 15, 2021
Abstracts must be submitted online at https://www.humbio.org. Please follow the required format and file type. Detailed instructions on abstract preparation are provided below.

Accommodations:
This year the meetings will be held in person with hybrid/online components. More information will follow.

Joint AAPA/HBA Symposium:
In cooperation with the AAPA (American Association of Physical Anthropologists), the HBA will co-sponsor one symposium session during the AAPA Annual Meeting. HBA members are encouraged to contact the HBA Program Committee Chair Gillian Ice (iceg@ohio.edu) to discuss the development of a joint session proposal. The Proposal for the joint session follows the submission procedures outlined in the AAPA Call for papers (http://www.physanth.org). Proposals were due August 16, 2021 and are to be submitted ONLINE through the AAPA web site. Joint session proposals are first reviewed by the AAPA and only those accepted for inclusion in the AAPA program are eligible for co-sponsorship by the HBA. Acceptance of a proposal for co-sponsorship does not guarantee acceptance of individual abstracts. Individual abstracts for an accepted jointly sponsored symposium session must be submitted following the AAPA’s procedures and deadline (October 15, 2021). The deadline for the Joint AAPA/HBA session has passed, but if a proposal has been made to the AAPA, it will be considered by the HBA for inclusion in the program.
The AAPA/HBA Joint Symposium should appeal to a broad range of scholars within Human Biology and Physical Anthropology and highlight the outstanding research being done at the convergence of our two organizations. Recent topics have included: Biocultural perspectives on family health within and across generations; Multi-generational perspectives on human biology and anthropological genetics: a symposium in honor of Michael H. Crawford; The high price of success: Costs of reproductive effort in male primates and humans; and Not by Bread Alone: Non-caloric Determinants of Life History Strategies; Integrating biosocial perspectives to understand health disparities across the lifespan.

**Break-Out Sessions:**

Two Break-out Session(s) will be scheduled during the meetings. The topics of the sessions are up to the interests of the organizers and methodological, professional development, and content-based proposals are all welcomed. The topic, organizers’ names, and meeting room will be included in the HBA Program. Proposals for Break-out Sessions should be emailed by October 15, 2021 to the HBA Program Committee Chair Gillian Ice (HBAprogram@ohio.edu).

Please include the following information in the proposal:
1. Organizer(s) name(s) and email address(es).
2. Topic Title
3. A brief description of the specific suitability of this topic for a break-out session (e.g., rapid developments in technology that can enhance human biology research), and the planned activities during the session (e.g., brief presentation by organizer followed by open discussion).
4. Expected attendance (so we can arrange for an appropriate room size).

HBA Abstract & Pre-Registration Instructions

Reminder: Members in good standing and non-members from low and middle income countries are eligible for lower registration fees, relative to non-members from high income countries. Only members are eligible for awards and grants. Note that memberships are for calendar years!

Information regarding abstract format and submission procedures, the E.E. Hunt and Phyllis Eveleth Student Prizes for graduate students, the Hilde Spielvogel Award for Outstanding Presentation by an Undergraduate Student, the International Members’ Travel Grants, and Student Travel Awards are included below. Please contact the HBA Program Committee Chair Gillian Ice (iceg@ohio.edu) for assistance with abstract or proposal preparation or on-line abstract submission difficulties. Please contact the Treasurer, E.A. Quinn (hbatreas@humbio.org) for assistance with pre-registration.

Pre-Registration
1. Complete the on-line pre-registration process at https://www.humbio.org. Print and retain the confirmation page that appears at the completion of pre-registration.
2. At the bottom of the online pre-registration form, you will be directed to the PayPal payment site.
3. Pre-registration will be available until Monday, March 28, 2022
4. If you also plan to submit an abstract, please note abstracts will not be accepted for review without paid pre-registration by the first author.

Abstract Submission: All abstracts must be submitted online, as part of the pre-registration process, by October 15, 2021.

The submission portal will soon be available via https://www.humbio.org. Abstracts can be submitted in both English and Spanish.
Format requirements for HBA abstracts. Use the following CHECKLIST.

1. Times New Roman 12-point font.
2. 250 words maximum (exclusive of title, authors’ names, affiliations, & funding).
3. Capitalize only the first word and proper names in the title.
4. Bold the entire title.
5. An individual may be a first author on only 1 abstract.
6. Authors’ names: Include author initials (no periods, no spaces between initials) followed by full last name of all authors. Do not use all-caps, bold or italics.
7. Include each author’s departmental and institutional affiliation, city and state; do NOT give zip code or a full mailing address.
8. In case of multiple authors from different departments or institutions, use a superscript numeral following each author name(s) and again preceding their institution to indicate each author’s affiliation.
9. No tables or figures.
10. The UPLOADED ABSTRACT FILE NAME must be in the format: AUTHORLASTNAME.doc or AUTHORLASTNAME.docx or AUTHORLASTNAME.txt. Please do NOT submit pdf files.
11. Print and retain the confirmation page that appears at the completion of submission.

Example: Filename HOKE.docx

Malnutrition, diarrhea, infection, poverty, and infant growth: A test of syndemic hypothesis in Nuñoa, Peru

MK Hoke 1,2, KM McCabe 3

1 Department of Anthropology, University of Pennsylvania, Philadelphia, PA; 2 Population Studies Center, University of Pennsylvania, Philadelphia, PA; 3 Department of Anthropology, Northwestern University, Evanston, IL

Syndemic theory has been employed in medical anthropology and global health to address the social, political, and ecological factors that produce the clustering of two or more diseases or conditions. Despite growing popularity, scholars have identified significant limitations in current syndemic analyses, specifically issues emerging from the use of a sum score approach. Sum scores fail to document biological interaction and therefore have limited the testability of syndemic hypotheses. Human biologists are uniquely situated to move syndemic analyses forward: our knowledge of the local realities of our field sites combined with our understanding of disease interactions and statistical methods provide us with the unique toolkit to test syndemic relationships. We draw on data from 93 mother infant/dyads enrolled in a semi-longitudinal study of infant health conducted in Nuñoa, Peru to test the syndemic hypothesis that ecological, geographic, and economic conditions in Nunoa result in nutritional & pathogenic risks to child growth concentrated/cooccurring in marginalized segments of population where disease and malnutrition interact biologically to compromise growth (HAZ, WAZ, WHZ). We employ a both survey and biomarker-based data in a series of regression models to examine relationships between economic inequality, pathogenic and nutritional environments, infectious disease, malnutrition, and growth. While our analyses do not reveal a syndemic relationship between malnutrition, infection, and impaired growth we demonstrate the falsifiability of a syndemic hypothesis, indicating the utility of the syndemic framework for generating testable hypotheses.
Contributed Presentations: The conference will be in person this year but we are working towards a virtual option. We will have a mix of posters and podium presentations. We will accept abstracts on multiple topics and we will ask you to select a theme that most strongly fits your presentation. These themes are an open call, so we encourage abstracts on these topics from members. An author is expected to be present at the poster for ~1.5 hours to explain the work and answer questions on the virtual poster platform. Podium presentations are typically 10-12 minutes plus 2-4 minutes for questions.

This year, we are continuing our Place-Based Human Biology session – last year, it featured Mexico, and this year, it features Argentina. Note that this session will be held in a hybrid form to accommodate the presenters who are unable to travel. And if you are interested in hosting a future session, please do contact HBAprogram@ohio.edu.

Review Procedures: Each abstract submitted for the contributed presentations will be reviewed independently by at least 2 members of the 2022 HBA Program Committee regarding whether to accept/decline and whether to assign the abstract to a poster or podium session. Abstract acceptance is not based on membership status, prior participation, preferences for presentation mode, area of emphasis, or request for consideration for the special session. If accepted, an abstract will be published in the American Journal of Human Biology. The review decision should be sent to the first author via email by January 4, 2022.

Some reasons for declining an abstract:
   a. It does not adhere to the required format, especially word count.
   b. It describes a study with little or no relationship to human biology; strictly biomedical studies, paleopathological case studies, or industry sponsored research may fall into this category.
   c. There is no evidence that results of the study are in hand at the time of abstract submission. An abstract must go beyond a statement of planned work and include evidence of analysis, results, and conclusions.
   d. It and another abstract describe essentially the same work (BOTH abstracts will be rejected) or it has been simultaneously submitted/previoulsy presented at other professional meetings.
   e. The 1ST author appears as a 1ST author on another abstract (BOTH abstracts will be rejected).

Some reasons to assign to Poster Session when Podium is requested:
   a. There are more requests than can be accommodated
   b. The presenting author has given a podium presentation within the previous 3 years when others have less recently or never had a podium opportunity
   c. The subject is unique and does not fit well within session themes.
**Presentation Guidelines:** Whether flash-talk, poster, or podium, all presentations benefit by having a clear, focused message to communicate to the audience. Presenters should address the following:

1. *What is the question?* Succinctly but adequately define the hypothesis or problem.
2. *Why does it matter?* Explain the significance of answering this question.
3. *How was the work done?* Briefly describe the methods and analytical procedures.
4. *What did you learn?* Clearly explain the results of your inquiry.
5. *Now what?* Relate these findings to a larger context as well as to the original question.

**Projection Equipment:** We will follow up with specific instructions after consulting with our virtual conference partners.

**Poster Dimensions & Type Size:** We are still arranging the virtual poster portal. Specific instructions to follow. General poster guidelines: Use consistent fonts and letter sizes throughout. Use short, informative ("headline" style) captions to convey the key point of each figure. Avoid abbreviations, acronyms, or jargon. Figures and tables should occupy ~half of the poster. As most people read technical text at a rate of ≤250 words per minute, limit the text to 1500–2000 words (<10 minutes reading time). “Go Green” and skip lamination. Bring push pins to hang your poster.
How to Apply for International Travel Grants, Student Travel Grants, and Student Presentation Awards

HBA International Members’ Travel Grant:
In 2022, the Human Biology Association will distribute up to three (3) travel grants of $1,000 US dollars each to International (non-North American) members to be used in support of their travel to the annual meeting. The applicants must be members in good standing of the HBA when submitting their applications and when they present their work. The grants are made to HBA members from outside North America who have an abstract accepted for the meeting and who make an appropriate case for support. If you are not currently a member of HBA please visit: https://www.humbio.org/membership/ to join.

International members (students and professionals, including new members) who wish to apply for a travel grant should check the appropriate box when submitting their abstract and email an application by February 15, 2022 to Hilton Pereira da Silva (Chair, International Committee) at: hdasilva@ufpa.br.

Application for the Award/Grant must include:

1. A copy of the accepted abstract in which the candidate is the first author.
2. A justification of need and importance of the travel grant in no more than 250 words (one page, A4 or 8.5 inches x11 inches).
3. Details of their expected travel costs (e.g., air fares and hotel costs).

HBA Student Members’ Travel Award:
Each year the Human Biology Association will distribute up to five (5) travel awards of $500 each to student members to be used in support of their travel to the annual meeting. Applications will be evaluated on the basis of the quality of the essay and the advisor’s letter of support. The award is open to all student members residing in North America; priority will be given to those presenting a paper or poster at the HBA meetings and to those who have not yet received a Student Member Travel Award.

Applicants must be Student Members during the year the meetings are held and membership must be paid in full prior to submitting the application for the Award. If you are not currently a student member of HBA please join online at: https://www.humbio.org/membership/. Note that student members will need their advisor’s signature on the application form certifying their student status when they first join the HBA.

Student members who wish to apply for the travel grant should check the appropriate box when submitting their abstract and/or registering. All students attending the meetings are eligible for the award, regardless of whether they have an accepted abstract (but see statement of evaluation priorities above). Application materials must be sent as a single PDF to the Membership Representative to the Executive Committee, Claudia Valeggia at claudia.valeggia@yale.edu, by February 15, 2022.

Application for the Award/Grant must include:

1. A brief essay (not to exceed 1000 words + references), on “Human Biology: What issue(s) should drive research over the next 5 years?”
2. A one-page advisor letter of support evaluating student's current and/or potential contributions to the field of human biology, and verifying student membership status.  
3. If presenting at the meetings, a copy of the email indicating acceptance of the abstract. (yes or no)

Edward E. Hunt, Jr. and Phyllis Eveleth Student Awards:  
Two awards of $500 each are given to graduate student members each year. Papers/posters submitted for this award should be based on novel analysis and interpretation of primary or secondary data. The graduate student should be the sole or first author on the submission, and if the poster/paper is multi-authored, the student should be responsible for at least 80% of the data analysis and writing. Students will be contacted by a member of the Publications Committee to verify that their poster/paper meets these requirements prior to the meeting. At the annual meeting, the paper/poster presentations will be judged by members of the Publications Committee.

Self-nomination for the Hunt Award is made at the time of on-line Pre-registration and Abstract Submission (deadline is October 15). Self-nomination requires clicking the appropriate box on the on-line form for abstract submission/pre-registration. The candidate must be a Student Member of the HBA in good standing when submitting the abstract and when presenting the work. Pre-registration fees for student members are less than for non-members. If you are not currently a student member of HBA please go to: https://www.humbio.org/membership/ to join. Note that student members will need their advisor’s signature on the application form certifying their student status when they first join the HBA.

For questions about the Hunt Award please contact Chris Kuzawa, Chair of the Publications Committee, at kuzawa@northwestern.edu.

The Hilde Spielvogel Award for Outstanding Presentation by an Undergraduate Student:

The Hilde Spielvogel Award comprises an award of $250 and a Certificate given to an undergraduate student member. The undergraduate student should be the sole or first author of a presentation that is based on novel analysis and interpretation of primary data (collected by the student and/or a co-author) and/or secondary data (published or unpublished data collected by someone other than the author[s]). In addition to delivering the presentation at the Annual Meeting, the candidate is expected to have made a major contribution to the work (e.g., at least 50% of the data collection and/or analysis and/or writing). Candidates’ presentations at the Annual Meetings will be judged by a subcommittee of the HBA Executive Committee (co-authors or advisors of nominated candidates will be recused).

Self-nomination for The Hilde Spielvogel Award is made at the time of on-line Abstract Submission and Pre-registration (deadline is October 15). Self-nomination requires clicking the appropriate box on the on-line form for abstract submission/pre-registration. The candidate must be a Student Member of the HBA in good standing when submitting the abstract and when presenting the work. Pre-registration fees for student members are less than for non-members. If you are not currently a student member of HBA please go to https://www.humbio.org/membership/ to join. Note that student members will need their advisor’s signature on the application form certifying their student status when they first join the HBA.

In addition, shortly before each Annual Meeting, each nominated candidate will be asked to submit a description of her/his contribution to the planned presentation.
For questions about The Hilde Spielvogel Award, please contact the Membership Representative to the Executive Committee, Claudia Valeggia at claudia.valeggia@yale.edu.