

ACME SUBGROUP (AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY)

ACME Subgroup

(American Committee of Medical Entomology)

Council Meeting Minutes

Convention Center Room 203 (2nd Floor)

October 30, 2022, 3:30–5:30 PM

Chair: Douglas Norris, PhD

Secretary/Treasurer: Molly Duman Scheel, PhD

Past Chair: Gabe Hamer, PhD

3:30: Call to Order (Douglas Norris)

ATTENDANCE: There was a quorum.

Position	Member	Term Expires*	In attendance
Chair	Douglas Norris	2022	Yes
Chair-elect	Catherine Hill	2022	Yes
Past-chair	Gabe Hamer	2022	Yes
Secretary/Treasurer	Molly Duman Scheel	2022	Yes
Councilor	Molly Duman Scheel	2022	Yes
Councilor	Audrey Lenhart	2022	Yes
Councilor	Doug Norris	2022	Yes
Councilor	Eleanor Sternberg	2023	Yes
Councilor	Jennifer Stevenson	2023	No
Councilor	Marco Neira	2023	No
Councilor	Lauren Cator	2024	Yes
Councilor	Catherine Hill	2024	Yes
Councilor	Adriana Troyo	2024	Yes
Councilor	Berlin Londono	2025	Yes
Councilor	Nsa Dada	2025	Yes
Councilor	Pam Pennington	2025	Yes
Councilor	Zachary Adelman	2026	Yes
Councilor	Jewelna Akorli	2026	Yes
Councilor	Sarah Hamer	2026	Yes
Trainee Councilor 2020	Adeline Williams	2022	Yes
Trainee Councilor 2021	Renee Ali	2023	Yes
Trainee Councilor 2022	Teresia Njoroge	2024	Yes

Part I: 3:30–4:30 (Closed session – council only)

I. Treasury report – Molly

- Active Member Renewals \$30,575 YTD, a bit higher than last year.
- Net income down \$474 with respect to 2021, slight loss in investments and reduction in contributions with respect to last year.
- Total funds are still excellent: \$43,898: We should decide how to use our funds.
Suggestions: Support of Vectorbase training sessions, more trainee support.

II. Selection of new officers – Cate

2021 Secretary-Treasurer Elect Berlin Londono is now the acting Secretary-Treasurer.

2022 Chair-Elect:

Lauren Cator agreed to be nominated.

Adriana Troyo agreed to be nominated.

Cate moved to put forward the nominations, and Molly seconded the nominations.

A vote by paper ballot followed, and Adriana was named Chair-Elect.

III. Digital Education Committee – Gabe

Lyric Bartholomay is the ACME representative.

Gabe will serve a 3 year term, but is not affiliated with ACME in this role.

Adriana Troyo is our chair-elect and can assist.

Molly is sending the recent Arthropod Containment Webinar recording from FNIH.

IV. AOB – council specific

Doug attended the board meeting, where subgroup chairs discussed common issues, including the need for more administrative support, a request for more time to plan the symposia, more formalized group on-boarding, a TropMed-sponsored archive, and how to spend funds.

V. ASTMH Annual Meeting Overview

- a. Symposium I: Business meeting, awards; Symposium II: How ACME can best prepare the next generation.
- b. ACME Booth: Molly prepared the booth. Council members have signed up to cover the booth hours. Someone needs to be responsible for taking the materials to Chicago next year.
- c. Networking sessions: in the room during Symposium I and at the ASTMH speed-networking session.
- d. Pre-meeting course – Adeline reported that it was a very good course and suggested that we might consider supporting students for the course in the future. She said that it was nice to have an integrated topic. It was noted that we will need to confirm that we are not formally involved again until 2024.

VI. Sub-committee 2023 Membership and Updates:

- a. Trainee: Renee, Teresia; Liaison for the new group: Lauren.

Adeline reported that the new trainee subcommittee has been approved, and all agreed that this is a great accomplishment which will be useful to ACME. It was noted that the trainees could use funding.

- b. Advocacy: Renee, Cate

Discussion: What are the priorities for advocacy? Suggestions included writing articles to communicate outbreaks, etc., which are lacking; Twitter could be used for this as well.

- c. Visibility: Cate, Doug, Lauren, Berlin, Nsa, Adriana

Discussion: There was discussion of whether Twitter, which we have used extensively, will continue given the change of ownership. If ACME drops the account, we will need to identify a new platform, perhaps Facebook or Slack, for communication. It was determined that the committee will poll the membership to determine what is being used and what could be effective.

- d. Education: Adriana, Zach, Doug (digital education)

Discussion: Future pre-meeting courses will likely be integrated. We should consider partnership with the clinical group and a focus on diagnosis of vector-borne illnesses.

- e. Awards

- i. Travel: Nsa (Chair), Renee, Lauren
- ii. ACME Awards: Cate (Chair), Doug, Adriana
- iii. Distinction: Lauren (Chair)

VII. Newsletter items

Lauren will do a gentle hand-off to the next person who will lead the Spring Newsletter effort, TBD. Berlin can assist with the Secretary-Treasurer items in the newsletter.

Part II: 4:30–5:30 (open to broader ACME membership)

New Arthropod Containment Guideline Discussion and Q&A

Zach and Molly introduced the topic: ACME recently published an addendum to the Arthropod Containment Guidelines. The addendum, which was highlighted in a recent webinar, focused on laboratory containment of arthropods associated with gene drive. A google form requesting feedback on the addendum and requesting suggestions for other containment needs, were circulated in conjunction with the webinar. Two suggestions for additional addenda arose:

- 1) Gene Drive: A need for semi-field containment guidelines. General suggestion indicated that the need exists, though there may be some resistance.

- 2) Field collections: A need for guidelines on what to do with field-collected specimens (various life stages, shipping requirements, varying risk of infection). Discussion supported a need for these guidelines. There was a suggestion to consider coordination with USDA and AMCA. Zach Adelman and Maria Luisa Simoes agreed to organize a group/groups to discuss and potentially draft an additional addendum/addenda.

Adjournment:

Molly moved that the meeting adjourn, and Lauren seconded this. Doug adjourned the meeting at 5:30 PM.

AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY (ACME)

AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY (ACME) CHARTER

Name. The name of the organization shall be the American Committee of Medical Entomology (acronym—ACME). It is organized under the auspices of the American Society of Tropical Medicine and Hygiene (ASTMH), and will meet at least annually in conjunction with that society's annual meeting.

Objectives. The objectives of ACME shall be as follows:

- To promote medical entomology in the ASTMH and other organizations whose scope of activities includes the area of arthropods that directly or indirectly cause diseases or conditions.
- To organize symposia or workshops that emphasize, but are not limited to, the contributions of medical entomology to tropical medicine.
- To recognize outstanding contributions by medical entomologists.
- To recruit young professionals and train the next generation of medical entomologists.
- To build an inclusive, open-minded, and environmentally friendly community of medical entomologists that reflects the diverse backgrounds of ASTMH membership.

Membership. Membership is effective for one year and shall result from either of two acts:

1. Payment of a fee of \$25 to the ASTMH designated for ACME membership. (Funds shall be placed in the ACME account);
2. Students and post-doctoral fellows may become ACME members by signing up and are not required to pay ACME membership dues. All ACME members must be in good standing as members of the ASTMH.

Officers. There shall be an Executive Council comprised of thirteen [13] voting members, including a Chairperson, a Chairperson-Elect, a Past-Chair, a Secretary-Treasurer-Elect, a Secretary-Treasurer and a Trainee Representative. Officers must be ACME members at the time of their election and throughout their terms. The Trainee Representative shall serve for a period of two years, and all other Executive Council members serve four-year terms. Four new members, including the Trainee Representative, shall be elected each year. Terms of service begin with the Executive Council meeting held the year of election and end with the Executive Council meeting at the end of the fourth year, i.e. Executive Council members attend five meetings. The Chairperson, Past-Chair and Chairperson-Elect serve for one year. The Secretary-Treasurer-Elect shall serve for one year. The Secretary-Treasurer shall serve for two years. The Past-Chair is an *ex officio* member of the Executive Council without Council voting rights if they have exceeded their fourth year of Council membership.

SELECTION OF OFFICERS:

Executive Council members. The three members who are due to rotate off the Executive Council shall comprise the nominating committee each year. As the three council members are rotating off in the final year, they shall prepare a slate of nominees for election to the Executive Council. This slate shall consist of the names of at least five individuals. In addition, there should be two Trainee representative candidates on the slate. Nominees must be ACME members at the time of their nomination and must either have not previously served on the Executive Council OR one of the following is true:

- They are presently filling unexpired vacancies created by death or resignation from the Executive council.
- They have been off the Executive Council for at least one full year.
- Trainee Representative nominees can either be enrolled in a Graduate program or a young professional in a position such as a post-doctoral researcher.

It shall be the responsibility of the Nominating Committee to determine the eligibility of the nominees and to ascertain their willingness to serve on the Executive Council if elected. Upon completion of the slate of nominees and ascertaining the willingness of the nominees to serve, the Nominating Committee shall submit the slate to the Secretary-Treasurer, who shall prepare ballots to be sent to all members. Election should be completed no later than August 15. Executive Council members elected shall assume office at the beginning of the following Executive Council meeting.

Chairperson-Elect. The Executive Council shall elect a Chairperson-Elect from among their members during the annual meeting of the Executive Council. Service as Chairperson-Elect begins at the end of the next ACME Business meeting.

Chairperson. The serving Chairperson-Elect shall assume the responsibilities of the Chairperson when the newly elected Chairperson-Elect assumes office.

Past-Chair. The Chairperson from the previous year shall serve as the Past-Chair.

Secretary-Treasurer-Elect. The Executive Council shall elect a Secretary-Treasurer (which may include self-nominations) from among their members at any time there is a pending vacancy of the Secretary-Treasurer office. The Secretary-Treasurer-Elect will ideally be trained by the serving Secretary-Treasurer for a period of one year prior to assuming the role of Secretary-Treasurer.

Secretary-Treasurer. The serving Secretary-Treasurer-Elect shall assume the responsibilities of the Secretary-Treasurer when that person vacates the position. Service shall be for a period of two years and is contingent upon annual re-appointment by the Executive Council.

DUTIES OF OFFICERS.

Chairperson. The Chairperson shall represent ACME to other Organizations, shall officiate at all meetings of the Executive Council and at annual business meetings, shall submit an annual report to the Executive Council of ASTMH, make all appointments for ACME, such as the individual to present the Hoogstraal Medal for Outstanding Achievement in Medical Entomology.

Chairperson-Elect. The Chairperson-Elect shall assist the Chairperson, shall serve in the absence of the Chairperson, and shall be responsible for the organization of symposia and workshops at the annual meeting of the ASTMH.

Past-Chair. The Past-Chair shall serve as a counselor to the Chairperson, particularly to maintain ACME institutional memory in council actions and decisions. They may also be called upon by the Chairperson to attend the ASTMH Executive Council Annual and Mid-year meetings in the Chairperson's stead if needed.

The Chairperson, Chairperson-Elect, and Past-Chair are to serve jointly as ACME leadership, including each other in ACME business communications and decisions throughout the year, to competently guide ACME in the present and future.

Secretary-Treasurer-Elect. The Secretary-Treasurer-Elect shall assist the Secretary-Treasurer and shall serve in the absence of the Secretary-Treasurer.

Secretary-Treasurer. The Secretary-Treasurer shall coordinate with ASTMH administration staff member(s), record minutes of all meetings, shall prepare ballots for election, and shall receive, disburse and maintain an accounting of all moneys used by ACME. The Secretary-Treasurer keeps records of the council members and officers and shall notify Executive Council members of the years of the meetings they are expected to attend. The officer will also train the Secretary-Treasurer-Elect.

Trainee Representative. The Student Representative shall coordinate with the ACME leadership on initiatives that foster subgroup collaboration, especially those for student and/or trainee Society members. During the second year of the representative's term, the Trainee Representative will help train the newly-elected Trainee Representative.

OTHER PROCEDURES

Subcommittees. Subject area subcommittees can be established and abolished by the Executive council.

Subcommittees. Subcommittee chair and membership positions can be filled by members of the Executive Council or other ACME members. Subcommittee membership is made through self-nomination or appointment by the ACME Chair, and there is no minimum or maximum duration of serving as subcommittee chair or member. Subcommittees will have a maximum of 5 active Council members and 5 active ACME members. The subcommittee members who are not active elected Council members are not allowed to be present

during the business meeting of the Council Meetings. Council meetings will be structured to allow non-elected members of the Council join when discussing subcommittee topics.

- **Awards** – Award Coordinators will work with the appropriate ASTMH administration staff member(s) in preparing and/or circulating the announcements for nominations/applications amongst our membership, shall prepare and send ballots for election, maintain the candidate records, and inform the appropriate ASTMH administration staff member(s) of final awardee selection. The Award Coordinators will exist for 1) Travel Awards, 2) the Hoogstraal Medal, the Breakthrough Award, the Future Leaders in International Medical Entomology Award, and 5) the Award of Distinction. The Hoogstraal Medal candidates will be reviewed and scored individually by the incoming, current, and past Chairs. When selection of the Hoogstraal candidate is difficult, the rest of the Award Subcommittee members will be asked to review, score, and discuss the candidates until an individual is selected.
- **Trainees** – The trainee subcommittee shall coordinate trainee events at the ASTMH Annual Meeting and throughout the year. They will also work with ASTMH administrative staff and other Subgroups for establishing mentorship relationships.
- **Advocacy** – The advocacy subcommittee is committed to advocating for the role of medical entomology in public health. This includes raising awareness of pertinent issues with policy makers, highlighting the importance of research and making specific funding requests for areas of concern or neglect.
- **Arthropod Containment Guidelines** – The arthropod containment guidelines subcommittee serves in one of ACME's long-standing international leadership positions of recommending guidelines for the safe containment of arthropod vectors of disease. The subcommittee will make periodic revisions to the published guidelines.
- **Visibility** – Raising awareness of ACME activities to the broader community, encouraging active participation by ACME members, and recruiting future leaders are all roles of visibility subcommittee. Members of the visibility subcommittee produce the spring and fall newsletter, manage the ACME Twitter account, and manage the ACME booth at the Annual Meeting.
- **Education** – The education subcommittee will work with the appropriate ASTMH administration staff member(s) and the ASTMH Digital Education Committee (DEC) to coordinate the Society's educational plan. The education subcommittee will also organize the Pre-Meeting Course at the ASTMH Annual Meeting. The Chair of the Education subcommittee will also serve on the DEC for 3-year terms.

Unusual vacancies. In the event of vacancies created on the Executive Council by death or resignation, additional nominations will be made by the members of the Executive Council and will be included on the annual ballot for vote by the membership to complete the unexpired terms. In such cases, individuals receiving the next highest number of votes to the three individuals elected to full terms will be elected to complete the unexpired terms.

AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY (ACME)

Adoption of subsequent modifications. The adoption of this document and subsequent changes shall be upon recommendation of the Executive Council and affirmation by a simple majority vote and will be effective immediately.

Voting. In the event balloting results in a tie vote between the top two candidates for any position, the tie will be broken by coin toss. The Secretary-Treasurer, having designated one side of the coin to each candidate in advance, shall conduct the toss.

ACME Executive Council Members 2023

Member/Position	Term Expires
Catherine Hill, <i>Chair and Councilor</i>	2023
Adriana Troyo Rodriguez, <i>Chair-Elect and Councilor</i>	2023
Douglas Norris, <i>Past-Chair</i>	2023
Berlin Londono, <i>Secretary/Treasurer and Councilor</i>	2023
Marco Neira, <i>Councilor</i>	2023
Eleanore Sternberg, <i>Councilor</i>	2023
Jennifer Stevenson, <i>Councilor</i>	2023
Lauren Cator, <i>Councilor</i>	2024
Nsa Dada, <i>Councilor</i>	2025
Pamela Pennington, <i>Councilor</i>	2025
Zach Adelman, <i>Councilor</i>	2026
Jewelna Akorli, <i>Councilor</i>	2026
Sarah Hamer, <i>Councilor</i>	2026
Teresia Njoroge, <i>Student Representative</i>	2023
Catherine Hill, <i>Hoogstraal Medal Coordinator</i>	2024
Adriana Troyo Rodriguez, <i>Awards Coordinator</i>	2024



Awards

Harry Hoogstraal Medal

Ed Cupp	2022
Bruce Christensen	2021
Stephen Higgs	2020
Frank Collins	2019
Tom Scott	2018
Willem Takken	2017
Patricia Nuttall	2016
Durland Fish	2015
Robert Lane	2014
Barry Beaty	2013
William Reisen	2012
Abdu Azad	2011
Willy Burgdorfer	2010
William Collins	2009
Daniel Sonenshine	2008

Bruce Eldridge	2007
Mario Coluzzi	2006
Robert Washino	2005
John D. Edman	2004
Andrew Spielman	2003
Michael Service	2002
Chris Curtis	2000
Gene R. DeFoliart	1998
George B. Craig, Jr.	1996
A Ralph Barr	1995
Thomas H.G. Aitken	1993
James H. Oliver	1992
William L. Jellison	1991
William R. Horsfall	1990
Robert Traub	1989
Lloyd E. Rozeboom	1988
William C. Reeves	1987

ACME Breakthrough in Medical Entomology Award

ACME presents this award for outstanding recent contributions (within the past 5 years) to the study and/or practice of Medical Entomology that ultimately will contribute to reducing the burden of human diseases transmitted by arthropods. This award is designed to encourage and acknowledge significant advances in the field by investigators at any career stage.

Recipients

2022

Maria Luisa Simoes
London School of Hygiene and Tropical Medicine and Johns Hopkins University

2019

Stephanie James
Foundation for the National Institutes of Health

2018

Alvaro Molina-Cruz
National Institutes of Health

2017

Zhijian Tu
Virginia Tech

2016

Serap Aksoy
Yale University School of Medicine

ACME Future Leaders in International Medical Entomology Award

The Future Leaders fellowship is a competitive award that will be offered to an outstanding junior medical entomology researcher (must be at the undergraduate to post-doctoral level) to showcase individuals that have matched interests to ACME's objectives of promoting medical entomology and

reducing the burden of human diseases transmitted by arthropods globally. Applicants must be a non-US citizen from a LMIC.

Recipients

2022

Henry Mawejje
Infectious Diseases Research Collaboration

2020

Cusi Ferradas
Universidad Peruana Cayetano Heredia

2019

Adelaide Miarinjara
National Institutes of Health

2018

Mabel Taracena
Universidad del Valle de Guatemala

Puja Tiwary
Banaras Hindu University

2017

Nsa Dada
Centers for Disease Control and Prevention

Eric Ochomo
Kenya Medical Research Institute

ACME Travel Awards for Young Investigators

Recipients

2022

Young Investigator Award – Graduate

Ndey Bassin Jobe
Arizona State University

Natalie Wickenkamp
Colorado State University

Young Investigator Award – International

Juan Lol
Universidad del Valle de Guatemala

Sachini Nimalrathna
University of Sri Jayewardenepura

2021

Young Investigator Award – Graduate

Kyndall Dye-Braumuller
University of South Carolina

Thomas Syme
London School of Hygiene and Tropical Medicine

Young Investigator Award – Post Doc

Sara Buezo Montero
Sapienza University of Rome

Lucia Paulina Maldonado-Ruiz
Kansas State University

2020

Young Investigator Award – Graduate

Mary Gebhardt
Johns Hopkins Bloomberg School of Public Health

Adeline Williams
Colorado State University

Young Investigator Award – International

Maria Carrasquilla
Universidad de los Andes

Astri Nur Faizah
University of Tokyo

Young Investigator Award – Post Doc

Gabriela Garcia
FIOCRUZ Brazil

Thiago Soares de Souza Vieira
National Institute of Allergy and Infectious Diseases

2019

Young Investigator Award – Graduate

Diana Nyanting'a
Kenya Medical Research Institute

Kristine Werling
Harvard School of Public Health

Young Investigator Award – International

Renee Ali
University of West Indies

Marilyn Murindahabi
University of Rwanda

Young Investigator Award – Post Doc

Deepani Fernando
University of Peradeniya, Sri Lanka

Emily Gallichotte
Colorado State University

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2018

Young Investigator Award – Graduate

Leticia Smith
Cornell University

Young Investigator Award – International

Fabian Aubrey
Institut Pasteur

Young Investigator Award – Post Doc

Sarah Merkling
Institut Pasteur

2017

Young Investigator Award – Graduate

Carolyn Hodo Texas A&M University

Young Investigator Award – International

Om Prakash Singh
Banaras Hindu University

Young Investigator Award – Post Doc

Hannah Romo
Colorado State University

2016

Young Investigator Award – Graduate

Rebecca Love University of Notre Dame

Young Investigator Award – International

Allan Muhwezi Makerere University

Young Investigator Award – Post Doc

Laura Dickson

2015

Young Investigator Award – Graduate

Marissa Grossman
Emory University

Bahjat Marayati

University of North Carolina

Young Investigator Award – International

Marlon Saavedra Romero
Asociacion Benefica Prisma, Peru

Young Investigator Award – Post Doc

Claudia Rueckert
Colorado State University

ACME Travel Award

Marta Moreno Leirana	2014
Christina Newman	2014
Margaret Patermina Gomez	2014
Robert McCann	2013
Anthony Clemons	2013
Julia Brown	2011
Cara Henry-Halldin	2010
Win Surachetpong	2009
Lauren Cator	2009
Meera Venkatesan	2008
Nicole Gottdenker	2008
Maria Julia Dantur Juri	2007
Lisa Purcell	2007
Luca Facchinelli	2006
Sonja Kjos	2006
Sharon Minnick	2005
Rebekah Kent	2005
Vincent Payet	2004
Rebecca Robich	2004
Patricia Nkem Okoye	2003
Junghwa Lim	2003