

ACME SUBGROUP (AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY)

ACME Subgroup
(American Committee of Medical Entomology)

Council Meeting Minutes

Virtual Meeting

November 16, 2021, 12:00 - 2:15 PM

Chair: Gabe Hamer, PhD

Secretary/Treasurer: Molly Duman Scheel, PhD

Past Chair: Ellen Dotson, Dsc

11:05: Call to Order (Gabe Hamer)

1. ATTENDANCE, THERE WAS QUORUM.

Position	Member	Term Expires*	In attendance
Chair	Gabe Hamer	2021	Yes
Chair-elect	Douglas Norris	2022	Yes
Past-chair	Ellen Dotson	2021	Yes
Secretary/Treasurer	Molly Duman Scheel	2022	Yes
Councilor	Christopher Barker	2021	Yes
Councilor	Ellen Dotson	2021	Yes
Councilor	Gabriel Hamer	2021	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	Yes
Councilor	Marco Neira	2023	Yes
Councilor	Lauren Cator	2024	Yes
Councilor	Catherine Hill	2024	Yes
Councilor	Adriana Troyo	2024	Yes
Student Councilor 2020	Adeline Williams	2021	Yes
Student Councilor 2021	Renee Ali	2022	Yes
Councilor	Berlin Londono	2025	Yes
Councilor	Nsa Dada	2025	Yes
Councilor	Pam Pennington	2025	Yes

11:05-11:15 Introduction of all council members.

11:15-11:35 **Treasury Report.**

- FY21 Active renewals: \$3,525.
- FY21 Contributions: \$2,790; total revenues = \$3,059.
- Total assets as of 9/30/21 = \$32,333.
- SC Johnson has renewed their support, making a \$10,000 donation to ACME in 2021. Their commitment will allow us to continue to award the ACME Breakthrough in Medical Entomology award and Future Leaders Fellowship in International Medical Entomology.
- Discussion of spending priorities: A discussion of how to expend the remaining funds identified support of training and mentorship opportunities as top spending priorities in light of the ongoing pandemic. Ideas included: opportunities for travel to mentor labs, more funds for travel awards to our own meeting, to the Idaho training course or to PAMCA, or perhaps funding of a new award in support of training/mentoring activities. Further conversation suggested that donating toward existing opportunities would be most straightforward, particularly attendance at our own annual meeting, for which we had many additional qualified applicants.
- Ellen motioned to accept the report, and Adriana Troyo seconded the motion. All agreed to accept the report.

11:35-12:20 **ACME Charter.**

- The charter has been updated and circulated to the Council for comments. Further discussion of recommended edits continued. In general, discussion centered on how detailed the charter should be. Recommended edits for positions included changing the Secretary-Treasurer term to two years, with the officer staying on a third year to train the Secretary-Treasurer-Elect. Likewise, Trainee Representatives will now serve a two year term, with the second year of this term overlapping with the incoming Trainee Representative. We also discussed how broad our focus should be, deciding that we should prioritize entomology as it relates to human health. Although we had hoped to finalize the charter and strategic plan, it appeared, due to time constraints, that we would not be able to do so today. Jenny motioned to table the discussion, and Ellen seconded the motion. We all agreed to continue

editing the documents and take up this vote at the next meeting.

12:20-12:45 **Awards.**

MEMBERSHIP FOR 2021: Chris Barker (Travel award chair) with assistance from Adriana Troyo, Audrey Lenhart, and Marco Neira; Gabe Hamer, Ellen Dotson, and Doug Norris identified the Hoogstraal and Breakthrough award winners.

MEMBERSHIP FOR 2022: TBD.

Accomplishments.

- Hoogstraal Guidelines revision.
 - The discussion of eligibility was refined to include any living medical entomologist not serving on ACME or ASTM Council; this will reduce perceived bias.
 - Some minor modifications to the rubric, which will be circulated with the call for proposals, were included.
 - Ellen moved that we accept the changes; Gabe seconded. The guidelines were unanimously approved.
- Creation of the ACME Award of Distinction
 - We continued discussion of creating this new ACME award.
 - A commemorative medal or plaque will be given.
 - The award can be made to individuals at any level but should be given to someone that has broadly served medical entomology.
 - The Awards committee will be tasked with creating the guidelines.
 - The greater ACME membership can recommend individuals to the Hoogstraal committee, which will recommend candidates to the ACME Council. Council will then vote on whether to confer the honor.
 - Awards will be made ad hoc; they need not be granted on an annual basis, and more than one person could receive the award in any given year.
 - Molly motioned that we create this new award; Doug seconded. The council voted unanimously to create the new award.
- This year's awardees included:
 - Graduate Travel Awards (2): Thomas Syme (LSHTM) and Kendall Dye-Braumuller (Univ. of South Carolina)

- o International Travel Award (1): Henry Mawejje (Infectious Diseases Research Collaboration)
- o Post-doc Travel Awards (2): Sara Buezo Montero (Sapienza Univ.) and Lucia Paulina Maldonado-Ruiz (Kansas State Univ.)
- o Because the meeting is virtual, we gave \$500 to each recipient.
- o Gabe has included 3-minute lightning talks for each of these recipients during the ACME symposium later this week.
- o Bruce Christensen is the 2021 recipient of the Hoogstraal Medal.

Challenges.

- We need to increase our applicant pools for all awards.

Goals. Suggestions.

- We, as Council members, need to actively prioritize solicitation of nominations from qualified individuals for all of our awards.

12:45-1:00 **Council Elections.**

- Chair-Elect
 - o Nominations included Marco (nominated by Adriana), Adriana (nominated by Chris), and Catherine (nominated by Molly). Following discussion of availability in the upcoming year, Catherine accepted the nomination.
 - o Ellen moved that we vote; Doug seconded, and Catherine was unanimously approved by vote.
- Secretary-Treasurer Elect
 - o Molly is willing to serve an additional year, but it was a general consensus that a Secretary-Treasurer elect be identified such that this individual can start training with her during her final year. We therefore decided to pursue this while we finish updating the charter.
 - o Upon discussion of eligibility/interest, it was determined that Berlin would be willing to serve in this capacity.
 - o Molly moved that we vote on Berlin, and Ellen seconded. Berlin was unanimously approved as the Secretary-Treasurer elect. She need only focus on training for this position in the upcoming year.

1:00-1:05 **TRAINEES.**

MEMBERSHIP for 2021: Gabe Hamer, Lauren Cator, Adeline Williams; Adeline provided the update.

MEMBERSHIP FOR 2022: TBD.

Accomplishments.

- There will be a career networking event at the upcoming virtual meeting.
- Adeline is working with Buffy to create a subcommittee for trainee leadership.

Challenges.

- Given the challenge of continuity with such a short one-year term for the trainee representative, the trainee representative will now stay on a second year to assist training the newly elected representative.
- The pandemic has challenged our trainees, particularly in LMICs. Expenditures next year will be allocated toward addressing this.
- We need to get our trainees more involved but expect that the new subcommittee will assist with this.

Goals. Suggestions.

- Adeline included a description of the new subgroup in the charter; please review the draft. We will vote on it at the next meeting.
- We must identify a trainee mentor for the new subgroup.

1:05-1:10 **ADVOCACY.**

MEMBERSHIP FOR 2021. Ellen Dotson, Molly Duman Scheel, Gabe Hamer, Adeline Williams.

MEMBERSHIP FOR 2022: TBD.

Accomplishments.

- We have included advocacy-related posts in our Twitter account on a regular basis.
- The Arthropod Containment Guidelines Addendum was recently published. We will discuss a second addendum at our next meeting.

Challenges.

- Travel to the Capitol has been difficult in recent years.
- Restrictions by our places of employment may require permissions.

Goals. Suggestions.

- We would like to be more active, perhaps consider traveling to the Hill as members had in the past; this is a challenge during the pandemic, and so

perhaps it will be possible to focus our efforts more locally, meeting with/giving tours to local representatives.

- We might consider working with a lobbying group (Molly suggested looking at the GHTC: <https://www.ghcoalition.org/about-us>).

1:10-1:15 **VISIBILITY.**

Members. Gabe Hammer, Molly Duman Scheel, Adeline Williams, Cate Hill, and Doug Norris.

MEMBERSHIP FOR 2022: TBD.

Accomplishments.

- Two newsletters were published in 2021. We expanded the newsletter content, including donor information and updates from the Centers for Excellence.
- We have been extremely active on Twitter and have worked to be an important means of communicating ACME initiatives and other notices of importance to ACME and the broader medical entomology community.
- The ACME Virtual Booth is ready: Molly previewed the booth, which contains committee information, as well as opportunities to join, donate, schedule a live zoom meeting, and an interactive quiz. All council members were included as booth representatives. Live tweets will announce prize-winning opportunities. Marco will host a coffee break to be announced at the booth/on Twitter.

Challenges.

- We need to recruit more individuals to assist on this task force, particularly with the newsletter as Molly finishes her appointment and Cate serves as Chair. We could also use more individuals who actively use Twitter to assist.

Goals. Suggestions.

- Adriana and Berlin use Twitter and will be given access to the ACME site so that they can help tweet items for ACME. We will grant Renee access as well since she is our new trainee representative. Molly will send them copies of the social media guidelines.

1:15-1:20 **PRE-MEETING COURSE.**

MEMBERSHIP FOR 2022: TBD.

Accomplishments.

- It was not our year to contribute a course, but we will do so next year.

- Gabe reviewed a plan to host a pre-meeting course with ACAV and ACGH in 2022.
- The proposed topic is a metagenomics and bioinformatics workshop with involvement of the Chan Zuckerberg Initiative (Amy Krystosik, ACAV Council Member, and others) to pitch case studies and provide a workshop on IDseq (<https://idseq.net/>) a free resource.

Challenges.

- We need to identify an ACME co-instructor(s) interested in pathogen, parasite, or arthropod genomics and able to help instruct.

Goals. Suggestions.

- It was suggested that we contact Vectorbase (Marco and Molly have contacts).

1:20-1:25 **EDUCATION.**

MEMBERSHIP FOR 2021: Gabe Hamer, Molly Duman Scheel, Marco Neira, Adriana Troyo.

MEMBERSHIP FOR 2022: TBD. Doug will serve as the digital education representative.

Accomplishments.

- Gabe worked to identify an individual from ACME at large to assist with education initiatives. Many ACME members expressed interest in assisting in this capacity. Lyric Bartholomay is the new representative and is actively working on the virtual platform for education.

Challenges.

- We should actively seek new entomology material for the digital education platforms.

Goals. Suggestions.

- A webinar to review the new containment addendum will be organized in early 2022. This will be recorded so that it can be distributed for digital education initiatives.

1:30 Following a final round of thanks to our departing council members a motion to adjourn by Molly was seconded by Adriana, and the meeting adjourned.

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 in organizations whose scopes of activities include the area of human diseases transmitted by arthropods.
- To organize symposia or workshops annually that emphasize, but are not limited to, the contributions of medical entomology to tropical medicine.
- To encourage active participation of medical entomologists in the ASTMH.
- To recognize outstanding contributions by medical entomologists.

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 [1].); 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 twelve [12] members, including a Chairperson, a Chairperson-elect, a Past-Chair, and a Secretary-Treasurer. Officers must be ACME members at the time of their election. Executive Council members serve four-year terms, and three new members 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 shall serve for a period of one to three 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. They shall meet at the beginning of their third year of service immediately following the annual ACME business meeting and prepare a slate of nominees for election to the Executive Council. This slate shall consist of the names of at least five individuals.

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

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 July 1 following the annual business meeting. 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. 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 office. Election shall be for a period of no more than three years and is contingent upon annual election 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.

AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY (ACME)

Past-Chair. The Past-Chair shall serve as a Councilor 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 ASMTH Executive Council Annual and Mid-year meetings in the Chairperson's stead if needed.

Secretary-Treasurer. The Secretary-Treasurer shall maintain the membership rolls, shall record minutes of all meetings, shall prepare and mail 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.

OTHER PROCEDURES.

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

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.

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 of those members present at the annual ACME business meeting and will be effective immediately.

¹ Accepted by those attending the ACME business meeting at the 2003 ASTMH National meeting in Philadelphia.

² In 1990, the membership voted (90 for; 11 against) to increase the term of membership on the Executive Council of the American Committee of Medical Entomology from three to four years. As a result, the number of persons serving on the Executive Committee at any given time will be 12.

³ This revised charter was accepted unanimously by a vote of those attending the ACME business meeting at the 2012 ASTMH Annual Meeting in Atlanta.

ACME Executive Council Members 2022

Member/Position	Term Expires
Douglas Norris, <i>Chair</i>	2022
Catherine Hill, <i>Chair-Elect</i>	2022
Gabriel Hamer, <i>Past-Chair</i>	2022
Molly Duman Scheel, <i>Secretary/Treasurer</i>	2022
Berlin Londono, <i>Secretary/Treasurer Elect</i>	2022
Molly Duman Scheel, <i>Councilor</i>	2022
Audrey Lenhart, <i>Councilor</i>	2022
Douglas Norris, <i>Councilor</i>	2022

Marco Neira, <i>Councilor</i>	2023
Eleanore Sternberg, <i>Councilor</i>	2023
Jennifer Stevenson, <i>Councilor</i>	2023
Lauren Cator, <i>Councilor</i>	2024
Cate Hill, <i>Councilor</i>	2024
Adriana Troyo, <i>Councilor</i>	2024
Nsa Dada, <i>Councilor</i>	2025
Berlin Londono, <i>Councilor</i>	2025
Pamela Pennington, <i>Councilor</i>	2025
Renee Ali, <i>Student Representative</i>	2022
Douglas Norris, <i>Hoogstraal Medal Coordinator</i>	2022
Adriana Troyo, <i>Awards Coordinator</i>	2022



Awards

Harry Hoogstraal Medal

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
Villiam 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**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**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**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

AMERICAN COMMITTEE OF MEDICAL ENTOMOLOGY (ACME)

2018

Young Investigator Award – Graduate

Leticia Smith
Cornell University

Young Investigator Award – International

Fabian Aubrey
Institut Pasteur

Young Investigator Award – Post Doc

Sarah Merklung
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