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The American College of
Epidemiology was incorporated in
1979 to develop criteria for
professional recognition of
epidemiologists and to address their
professional concerns.

ACE serves the interests of its
members through sponsorship of
scientific meetings, publications, and
educational activities, recognizing
outstanding contributions to the
field and advocating for issues
pertinent to epidemiology.



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Message from the American College of Epidemiology President

Pauline Mendola, PhD, MS

Summer is here and I'm feeling a bit nostalgic already as my term as President is coming to a close. The College could not ask for a better group of leaders than our [Executive Committee and Board of Directors](#)! It has been such a pleasure to serve with this group of talented individuals who are committed to the health of the College now and in the future. In particular I want to acknowledge the support and great advice I have gotten over the past year from Harv Feldman, our Past-President and I look forward to excellent leadership as President-Elect Russ Kirby takes the gavel in September.

We've had a busy year! Capitol Hill Management Services replaced First Point as our National Office staff and brought a fresh approach, a new website and plans for improved member services. We have been especially fortunate to have Sara-Becca Smith, our new Executive Director, and Brian Buff, Cap Hill Vice-President, to lead us through the transition. One of the great things about Cap Hill is the depth of experience their team approach has brought to the ACE. I hope the change has been relatively transparent for you all and that any start-up hiccups have been more than outweighed by our commitment to quality member service. We are moving forward with lots of new best practices and organizational procedures. I am confident that this change will make the ACE more effective and will provide more benefit to our members in a cost-effective manner.

Although we have accomplished a lot, I am particularly proud of our new policy that clearly states the College will provide an open, inclusive environment for all that will be free of harassment, discrimination or retaliation against those who report such incidents. I am grateful to the leadership of the policy committee, Lorna Thorpe (chair) and Rachel Widome (vice-chair), as well as for the efforts of Symielle Gaston, who led the workstream, for this policy development. After a thoughtful discussion at our March Board meeting, we decided that the policy needed clear procedures to follow after an incident report to show that we were serious about following through with our good intentions. A thorough review of current practice by Brian Buff was exactly what we needed to add that level of detail and your Board approved the policy in July.

In other places in the newsletter, you will hear exciting details about the [upcoming meeting activities](#) and our efforts to build joint activities with the Society for Epidemiologic Research. I have the good fortune to work in the same office as the SER current President, Dr. Enrique Schisterman, so we get to talk in person about broad issues for our field (in our spare time). With the strong support of Lorna Thorpe, Amy Millen and Russ Kirby, we have our first joint venture – a webinar coming up in October hosted by SER that features [Dr. Ken Goodman](#) from ACE. Look for more joint efforts on the horizon!

Finally, the plans for our upcoming meeting in Cincinnati are in full swing! Check out the [agenda, exciting workshops and opportunities](#) to network and meet with leaders in our field.

I am so excited about seeing you all there! Register today!





SPOTLIGHT ON THE COMMUNICATIONS COMMITTEE

Emily Vogtmann, Ph.D., M.P.H. Chair

A member once mentioned to me that he was not sure what the different ACE committees did on a regular basis. We discussed this issue in a meeting of the communications committee and thought

that it might be interesting to highlight a new committee in each newsletter. This would then provide more insight regarding each committee to the ACE membership. As the purveyors of the newsletter, we thought we could lead the charge and be the first committee to be highlighted.

The focus of the communications committee is to work on the ACE newsletter and website and to increase social media visibility for ACE. With the recent transition to Capitol Hill Management Services, we have also received assistance on the social media front. We are always

interested in receiving content for the ACE newsletter or social media sites, so feel free to contact Emily Vogtmann (EVogtmann@gmail.com) for social media content or Greg Bond (gregory.g.bond@gmail.com) with newsletter articles. And don't forget to like us on Facebook ([@joinACE](https://www.facebook.com/joinACE)), follow us on Twitter ([@joinACE](https://twitter.com/joinACE)), or join our group on LinkedIn ([American College of Epidemiology](https://www.linkedin.com/company/American-College-of-Epidemiology)).

The ACE communications committee currently is made up of 8 members. The committee chair is currently Emily Vogtmann and Lynette Phillips is serving as the vice-chair. Jan Eberth was the most recent chair of the committee and is still a committee member. Greg Bond has recently become the editor of the newsletter and is great at sending those gentle reminders to get newsletter material in. The rest of the committee is made up by Ali Reza Yazdi, Ed Trapido, Gregory Fant, and Syed Ahsan Raza. The communications committee typically meets by phone monthly, although since the chair was recently on a temporary detail in China earlier in the year, those meetings were canceled. If you are interested in becoming a part of the ACE communications committee, please email Emily Vogtmann for more information (EVogtmann@gmail.com).

Minority Affairs Committee Update

Bertha Hidalgo, Ph.D., M.P.H. Chair

It gives me great pleasure to update you on the activities of the Minority Affairs committee (MAC). We have been very busy this past year, mostly with work leading up to the annual Minority Affairs Workshop hosted by our committee at the upcoming annual ACE meeting in Cincinnati, OH. Our workshop will be held Saturday, September 22, 2018 from noon-5pm. For more information, email bhidalgo@uab.edu and Julie Smith-Gagen jsmithgagen@unr.edu or visit the ACE website: www.acepidemiology.org

Our committee continues to grow overtime, and we eagerly welcome new members. Please contact me if you are interested in joining the committee, helping with the planning, or if you would like to join our monthly calls, which take place the second Friday of every month from 2-3pm CST. I am very excited to work with existing and potential members of the MAC and look forward to all that we will contribute to the College and the field of epidemiology this coming year.



ACE AND SER PARTNERING TO OFFER MEMBERS A JOINT WEBINAR SERIES!

Sara-Becca Smith Executive Director, ACE

Starting this fall, ACE and SER will be co-presenting a four-part webinar series for members of both organizations. The quarterly webinars will feature emerging topics of interest to both societies that focus on the intersection between epidemiologic research and public health policy. Registration for the first webinar, Intelligent Machines, Big Data and Epidemiology: From Ethics to Policy presented by ACE member Kenneth Goodman PhD, FACMI, is now open.

Intelligent Machines, Big Data and Epidemiology: From Ethics to Policy

October 16, 2018 | 12:00 - 1:00 PM
Presenter: Kenneth Goodman PhD, FACMI

[Click here to register.](#)

Stay tuned for additional announcements!

PREVIEW OF 2018 ANNUAL ACE MEETING

Maurizio Macaluso, M.D., Dr.P.H.
2018 ACE Meeting Co-Chair

The annual American College of Epidemiology meeting will be held in Cincinnati on **September 23-25 2018**. **Information for 2018 ACE meeting** at <http://www.acepidemiology.org/2018-annual-meeting>

Pre-meeting activities include our traditional Minority Affairs Workshop to be held on Saturday, September 22nd. Sunday, September 23rd will be full of interesting workshops on topics including clinical data management, geoinformatics, and the application of joint modeling to the analysis of longitudinal studies. Conference sessions, posters and awards will commence on Monday, September 24th.

The theme of this year's conference is **"Applying Epidemiology Across the Lifespan to Improve Health Care, Inform Health Policy and Enhance Population Health."** The goal of this meeting is to highlight priority areas across the lifespan where epidemiology can advance population health using translational approaches and discuss experiences that can serve as models for intervention.

Vincent Felitti, MD, the primary investigator of the Adverse Childhood Experiences Study, will be the keynote speaker. Plenary sessions will cover the role of epidemiology in precision public health, the epidemiology of addiction and the opioid epidemic, and the role of environmental exposures as determinants of health through the lifespan. With breakout sessions on the Learning Health System, the obesity epidemic, emerging and re-emerging infectious diseases, adult-age consequences of childhood diseases, and dynamic prediction methods, the program should be a crowd pleaser.

Conference highlight 1:

The Keynote Speaker: Vincent Felitti, M.D., Kaiser Permanente Medical Care Program, Clinical Professor of Medicine, University of California - San Diego



Vincent J. Felitti, MD, is a co-Principal Investigator of the Adverse Childhood Experiences (ACE) Study, ongoing collaborative research between Kaiser Permanente and the Centers for Disease Control. A 1962 graduate of Johns Hopkins Medical School, Dr. Felitti is an internist who started as an infectious disease physician in 1968 at Kaiser Permanente in San Diego and then founded the Department of Preventive Medicine in 1975; he served as Chief of Preventive Medicine until 2001. Under Dr. Felitti's leadership over the years, the Department provided

comprehensive, biopsychosocial medical evaluation to assess the health risks and disease burden of over one million individual adults. Major health-risk abatement programs were developed for obesity, smoking, and stress, as well as, population-based screening for the genetic disease, Hemochromatosis. He is a Clinical Professor of Medicine at the University of California and a Fellow of The American College of Physicians.

"The Repressed Role of Adverse Childhood Experiences in Adult Well being, Disease, and Premature Death: Turning gold into lead." The Adverse Childhood Experiences (ACE) Study is a long-term collaborative study by Kaiser Permanente and CDC of over 17,000 middle-class adult Americans. It demonstrates a powerful and graded relationship between 10 categories of adverse experience in childhood and some of life's most common health risks, chronic diseases, and social problems from adolescence to old age. The ACE Study documents how failed parenting manifested by childhood experiences such as abuse, neglect, and exposure to major household dysfunction eventually turns into organic disease and public health and social problems in adults. ACEs are unexpectedly common in the general population, have a profound effect on adult health, well-being, and life expectancy, influencing the prevalence of the most common causes of adult death in the US, and some of the more difficult public health and social problems including obesity and addiction, mental health, job performance, and healthcare costs. The implications of these findings should be of interest to those involved with family function, social planning, medical practice and public health. Our task is to figure out how to use this information routinely and productively.

Conference highlight 2:

Plenary Session on The Role of Epidemiology in Precision Public Health - Monday

The primary tenets of precision public health are to provide the right intervention to the right population at the right time. To execute these tenets there is a focus on better identification of populations, better behavioral and biological assessments of health and development and implementation of policy targeted to specific populations. In this session we will discuss national programs, All of Us Research Program and The Environmental influences on Child Health Outcomes (ECHO) Program that demonstrate the tenets behind precision public health. Discussion surrounding the integration of precision public health and precision medicine will end the session.

Conference highlight 2: SPEAKERS



Chair: Lilliam Ambroggio, PhD, Assistant Professor, Cincinnati Children's Hospital Medical Center, Department of Pediatrics, University of Cincinnati College of Medicine.



Donna K. Arnett, MSPH, PhD, Dean and Professor, College of Public Health, University of Kentucky "Precision Medicine and Precision Public Health."



Valerie Maholmes, PhD, CAS, Eunice Kennedy Shriver National Institute of Child Health and Human Development, "The Enrollment of Children in the NIH All of Us Research Program: Opportunities to Apply Epidemiology Across the Lifespan to Improve Population Health"



Matthew Gillman, MD, SM, National Institute for Child Health and Human Development, "The Environmental influences on Child Health Outcomes (ECHO) Program"



Co-Chairs: Maurizio Macaluso, MD, DrPH, FACE & Russell Kirby, PhD, MS, FACE, Dr Macaluso is Professor of Pediatrics, University of Cincinnati College of Medicine, Director, Division of Biostatistics and Epidemiology, Cincinnati Children's Hospital Medical Center and Dr Kirby, is Distinguished University Professor and Merrell Endowed Chair, Department of Community and Family Health, College of Public Health, University of South Florida.



Steve Sussman, PhD, FAAHB, FAPA, Professor of Preventive Medicine, Psychology, and Social Work, Institute for Health Promotion and Disease Prevention Research, University of Southern California, "Addiction as a Dysregulation of Appetitive Motivation"



Stephen Patrick, MD, MPH, MS, Vanderbilt University, "The Impact of the Opioid Epidemic on Pregnant Women and Infants"



William C. Miller, MD, PhD, MPH, Chair and Professor of Epidemiology, Center of Excellence in Regulatory Tobacco Science, The Ohio State University, "Opioids and HIV: From Global to Local"

Conference highlight 3:

Plenary Session on The Epidemiology of Addiction and the Opioid Use Epidemic - Monday

The opioid abuse epidemic is undoubtedly one of the most disturbing social and public health problems that the U.S. face today. As the number of individuals who misuse prescription opioids is in the millions, and the number of deaths due to overdose continues to grow, it is important to understand the epidemiology of addiction and its health consequences. This session places the opioid use epidemic in the broader context of the epidemiology of addictive behaviors, addresses the increased use of opioids during pregnancy and the resulting epidemic of neonatal abstinence syndrome, and discusses the difficulties of promoting medication assisted treatment as well as antiretroviral treatment among injection drug users.

Conference highlight 4: Presidential Address– Tuesday



Pauline Mendola, PhD is a Senior Investigator in the Epidemiology Branch, Division of Intramural Population Health Research at the Eunice Kennedy Shriver National Institute of Child Health and Human Development. She earned a PhD in Epidemiology and Community Health from the University at Buffalo. Her research focuses on environmental factors that impact reproductive health, particularly

pregnancy outcomes. Her current work addresses immune function during pregnancy and environmental factors that can be used to predict whether maternal asthma symptoms will worsen or improve during pregnancy. She is the current ACE President.

Conference highlight 5: Plenary Session on Environmental Health – Tuesday

The health effects of environmental exposures throughout the life span are modified by the timing or window of susceptibility of the exposure, the biological response to the exposure and individual susceptibility to the exposure. Individuals also have different levels of exposure opportunity, driven by factors such as residential location, socio-economic status, and lifestyle choices. This session addresses three exposures, air pollution, lead and endocrine disruptors, and their health effects (mental health outcomes, neurobehavioral development and breast cancer), and the modifiable causal pathways across the lifespan. Environmental epidemiologists have been influential in environmental management policy development, illustrated in this session by the efforts to reduce lead and air pollution exposure. Efforts to promote health education also have reduced the opportunity for being exposed to these environmental toxins.



Chair: Susan M. Pinney, PhD, Professor of Environmental Health, University of Cincinnati College of Medicine



Patrick H. Ryan, PhD, Associate Professor of Pediatrics and Environmental Health, Division of Biostatistics and Epidemiology, Cincinnati Children's Hospital Medical Center, University of Cincinnati, College of Medicine, "Exposure to Air Pollution and Mental Health Outcomes in Children"



Kim N. Dietrich, M.A., Ph.D, Professor of Environmental Health and Epidemiology, Director, Molecular Epidemiology in Children's Environmental Health Training Program, The University of Cincinnati College of Medicine "Lifespan Developmental Neurotoxicity: Cincinnati Lead Studies 1979-2018"



Mary Beth Terry, PhD, Professor, Columbia University, "Wag the Dog: Can High Risk Populations Provide Critical Evidence on the Role of the Environment in Breast Cancer Causation"



COME SEE FIONA! JOIN US FOR A RECEPTION AT THE CINCINNATI ZOO, MONDAY, SEPTEMBER 24th, AT 6:15PM.

IT'S GOING TO BE WILD...

Sponsored by Cincinnati Children's Hospital



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2018 American College of Epidemiology Annual Meeting

**Applying Epidemiology Across the
Lifespan to Improve Health Care,
Inform Health Policy and
Enhance Population Health**

September 24-25, 2018 • Cincinnati, OH

Please visit the ACE website for more detailed information:

www.acepidemiology.org



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