



ABE/APHMG 2021 Virtual Meeting

Monday, May 03

Attendee Orientation (ON DEMAND)

Available to watch at any time

[Virtual Guide](#)

Join us for a brief overview of the Pheedloop system. In just over 10 minutes, we will show you some basic features to get you ready for the week! This session is ON DEMAND and available at any time...including right now!

Monday, May 03

State of the ABE (ON DEMAND)

Available to watch at any time

[ABE Members](#)

Watch this short session to learn more about important ABE information and updates.

Monday, May 03

11:00 AM - 11:55 AM

S-01: Retrieval-Based Learning: Active Retrieval Promotes Meaningful Learning

Keynote: Jeff Karpicke; Now ON DEMAND - Available to watch at any time

[ABE Session](#)

Jeffrey Karpicke

James V. Bradley Professor, Department of Psychological Sciences, Purdue University

Amina Sadik

Professor of Biomedical Sciences, Touro University Nevada College of Osteopathic Medicine

Chair: Amina SadikRecent advances in the cognitive science of learning have important implications for instructional practices at all levels of education. For example, cognitive research has identified one strategy that promotes complex learning called retrieval practice: Practicing actively reconstructing one's knowledge while studying has potent effects on long-term learning. Yet when students monitor and regulate their own learning, they often choose to engage in inferior strategies like repetitive reading, and the ultimate consequence is poor learning. This talk provides an overview of our research program on retrieval-based learning. In recent work, we have extended retrieval practice to meaningful learning of ...

Monday, May 03

12:00 PM - 01:00 PM

S-02 Workshop: Tips for Promoting Retrieval Practice with Your Students

Workshop with Jeff Karpicke; Now ON DEMAND - Available to watch at any time

ABE Session

Jeffrey Karpicke

James V. Bradley Professor, Department of Psychological Sciences, Purdue University

Retrieval practice is simple but not easy. Although students would benefit from engaging in retrieval as they learn, many students do not practice retrieval as often or as effectively as they should. This workshop will go over practical tips for encouraging students to practice retrieval, including direct instruction about self-regulated retrieval practice and classroom methods that give students the opportunity to retrieve while they are learning.

Monday, May 03

01:00 PM - 02:00 PM

Posters & Exhibits

Check out the Poster Hall area to view posters - or the Exhibit Hall to view exhibit booths. Special Lunchtime presentation Visit the Wolters Kluwer virtual exhibit at 1 p.m. today for a lunchtime demo and discussion, Teaching and Learning Biochemistry with Wolters Kluwer! Attendees will have 5 chances to win a print copy of LIR: Biochemistry, 8th edition!

Monday, May 03

02:00 PM - 03:00 PM

S-03: Lessons Learned from the Age of COVID-19

ABE Presidential Lecture; Now ON DEMAND - Available to watch at any time

ABE Session

Martha Faner

Assistant Professor, Michigan State University

Raquel Ritchie

Assistant Professor, Michigan State University

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

Carol Wilkins

Associate Professor, Michigan State University

Due to the COVID-19 pandemic medical schools all over the United States had to quickly switch from live to online instruction. This comes in the wake of a viewpoint publication earlier this year in JAMA by Dr. Emanuel, which shook the field of medical education by predicting a future in which pre-clerkship curriculum will be delivered completely online. COVID-19 has led to instructional changes that provide a glimpse of what that future may bring. The biochemistry faculty at Michigan State University College of Osteopathic Medicine (MSU-COM) have taken advantage of this unique opportunity to determine what effects this change in ...

Monday, May 03

03:30 PM - 04:30 PM

B-01: Pathways to Educational Leadership

Now ON DEMAND - Available to watch at any time

ABE Session

Susan Cline

Professor of Biochemistry, Mercer University School of Medicine

Kim Dahlman

Associate Professor of Medicine, Vanderbilt University Medical Center

Sheri Fong

Associate Professor, John A. Burns School of Medicine, University of Hawaii

David Franklin

Associate Professor of the Practice, Tulane University School of Medicine

Neil Osheroff

Professor of Biochemistry and Medicine, John G. Coniglio Chair in Biochemistry, Vanderbilt University School of Medicine

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

The development of new professional school curricula coupled with the rise of professional educational organizations have provided unprecedented opportunities for educational leadership. Leadership roles present outstanding opportunities to help shape one's working environment, mentor others, and develop unique skill sets. In addition, they allow for extraordinary networking opportunities at the local, national, and international levels. Finally, leadership is an essential factor for career advancement and promotion. Although leadership is an important part of professional development for educators, many individuals are unaware of the breadth of existing leadership opportunities, how to explore these opportunities, and how to be successful in leadership ...

Monday, May 03

03:30 PM - 04:30 PM

B-02: Creating a Clinical-Biochemistry Thread Map Across Pre-clerkship and Clerkship Curriculum

Now ON DEMAND - Available to watch at any time

ABE Session

Emine Abali

Assistant Dean for Basic Science Curriculum, CUNY School of Medicine

Vivek Joshi

Kentucky College of Osteopathic Medicine

Doug Spicer

Associate Professor, University of New England College of Osteopathic Medicine

Jaya Yodh

Teaching Associate Professor, Carle Illinois College of Medicine

Asma Zaidi

Professor of Biochemistry, Kansas City University

The current curricular landscape of medical education poses multiple challenges to biochemistry educators who are continuously having to: (1) adapt to institutional trends reducing or eliminating time allocated to biochemistry content and foundational courses; (2) optimize how we 'thread' our content within more integrated and clinically-contextualized curricula; and (3) demonstrate why teaching biochemistry is relevant for our students' careers as future physicians. This workshop is designed to help educators address these challenges via the generation of a clinical-biochemistry thread map across pre-clerkship and clerkship curriculum. This workshop is applicable to all biochemistry educators regardless of how their institution delivers their ...

Monday, May 03

05:00 PM - 06:00 PM

B-03: Professional Mentoring Initiative and Education

Panel Discussion: Now ON DEMAND - Available to watch at any time

ABE Session

Trevor Creamer

Professor, University of Kentucky

David Franklin

Associate Professor of the Practice, Tulane University School of Medicine

Neil Osheroff

Professor of Biochemistry and Medicine, John G. Coniglio Chair in Biochemistry, Vanderbilt University School of Medicine

Amina Sadik

Professor of Biomedical Sciences, Touro University Nevada College of Osteopathic Medicine

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

As members of the Association of Biochemistry Educators (ABE) become more senior or veteran leaders, it is imperative to train a new generation of educators to eventually take our places. The ABE membership displays an impressive level of wisdom, innovation, leadership, and enthusiasm. In order to leverage these outstanding characteristics, and to help our less experienced members become successful educators, course directors and leaders, the ABE Professional Mentoring Initiative (PMI) facilitates connections between ABE members to share expertise in teaching, scholarship, curricular design, assessment, remediation, research, and networking within the medical/dental/pharmacy education community. The ABE PMI matches our more veteran ...

Monday, May 03

05:00 PM - 06:00 PM

B-04: Update and Review Submissions to ABE Question Bank

Now ON DEMAND - Available to watch at any time

ABE Session

Emine Abali

Assistant Dean for Basic Science Curriculum, CUNY School of Medicine

Sage Arbor

Marian University

Jim Baleja

Associate Professor, Tufts University School of Medicine

Judith Binstock

Professor of Medical Biochemistry and Medical Genetics, Touro College of Osteopathic Medicine

Zeynep Gromley

Associate Professor of Biochemistry, Lincoln Memorial University DeBusk College of Osteopathic Medicine

Pasquale Manzerra

Assistant Dean of Medical Student Affairs and Admissions, Sanford School of Medicine, University of S. Dakota

Stephen Sharkady

Assistant Professor of Pharmaceutical Sciences, Campbell University

Doug Spicer

Associate Professor, University of New England College of Osteopathic Medicine

One of the primary goals of ABE is to generate educational resources for its members. In the past, a QBANK with 163 questions, categorized into 9 ABE mega themes, was developed and made available to its members. Over the past several years, additional questions have been generated and the intent of this workshop is to evaluate these questions for content and clarity while ensuring they comply with board-style standards. Our goal is to use these approved questions to supplement the upcoming release of the abeQbank version 2. By the end of this session, participants will be able to: Explain how to ...

Monday, May 03

06:15 PM - 06:30 PM

Welcome Reception & ABE Awards

Social / Networking

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

6:15 - 6:30 PM Welcome Introduction of new ABE Board members Presentation of ABE Student Awards *Join us with your favorite beverage as we meet the new ABE Board and toast the ABE Awardees. Then head over to the "Battle of the Brains" Trivia Challenge at 6:30 PM for a friendly, interactive competition to see who will earn the title of "Biggest Brain"!

Monday, May 03

06:30 PM - 07:30 PM

"Battle of the Brains" Trivia Challenge

All attendees are welcome to join!

Shoumita Dasgupta

Professor of Medicine, Biomedical Genetics, Boston University School of Medicine

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

6:30-7:30 PM "Battle of the Brains" Virtual Trivia Challenge Grab your laptop or smartphone and get ready for some fun!! How to join the challenge: Make sure you stay in this window for at least 1 minute to see the Check-In survey and receive your Gamification points. Then click to join the LIVE Zoom room and wait for the host to start! 7:30 PM Group Chat Rooms open: Continue interacting and having fun! Move to the Networking & Groups & Battle of the Brains chat room

Tuesday, May 04

11:00 AM - 11:55 AM

S-04: Meeting the challenges of healthcare: Educating for adaptive expertise through the integration of basic sciences

Keynote: Maria Mylopoulos; Now ON DEMAND - Available to watch at any time

ABE Session

Maria Mylopoulos

University of Toronto

Meeting the challenges of healthcare: Educating for adaptive expertise through the integration of basic sciences
Exceptional education is the foundation of exceptional healthcare. In this era of increasing complexity, there is a growing gap between what we need our medical experts to do and the training we provide them. While medical education has a long history of being guided by theories of expertise to inform curriculum design and implementation, the theories that currently underpin our educational programs do not account for the expertise necessary for excellence in the changing healthcare context. Adaptive expertise provides a theoretical and educational framework for ...

Tuesday, May 04

12:00 PM - 01:00 PM

S-05: Educating for adaptive expertise: How to align cognition and curricula

Workshop with Maria Mylopoulos; Now ON DEMAND - Available to watch at any time

ABE Session

Maria Mylopoulos
University of Toronto

Educating for adaptive expertise: How to align cognition and curricula In this workshop, participants will work together to design 'productive' learning experiences for students that support development of adaptive expertise. Using definitions from the preceding talk, "Meeting the challenges of healthcare: Educating for adaptive expertise through the integration of basic sciences" participants will break into small groups to either focus on: Integrated Instruction Consider what forms of knowledge constitute basic science Discuss practical approaches and examples for teachers to support cognitive integration Productive struggle Consider what makes struggle productive Discuss practical approaches and examples for teachers to support productive struggle Habits ...

Tuesday, May 04

01:00 PM - 02:00 PM

Posters & Exhibits

Visit the Poster Hall area to view posters or the Exhibit Hall to view exhibit booths.

Tuesday, May 04

02:00 PM - 03:00 PM

S-06: AMGBD Presidential Lecture

Keynote: Kevin Raney; Now ON DEMAND - Available to watch at any time

ABE Session

Kevin Raney
Professor and Chair, AMGBD

Keynote: Kevin Raney

Tuesday, May 04

03:30 PM - 04:30 PM

B-05: Updating the Biochemistry Learning Objectives for Pharmacy Students

Now ON DEMAND - Available to watch at any time

ABE Session

Kevin Kearney
Professor of Pharmaceutical Sciences, MCPHS University, Worcester

Stephen Sharkady
Assistant Professor of Pharmaceutical Sciences, Campbell University

We have re-titled this session: "From learning objectives to assessment of learning: developing a biochemistry question bank for pharmacy educators." We will review previously-developed pharmacy-biochemistry learning objectives (Kearney, K.R., Puglisi, M.P., Black, E.P., Mahajan, P.B., "What do pharmacy students need to know about biochemistry?" Pharmacy Education [2020] 20[1] 324 – 335), discuss how they align with ACCP recommendations for pharmacy education curricula, and then have an open discussion about how these might guide the development of a biochemistry question bank for pharmacy educators.

Tuesday, May 04

03:30 PM - 04:30 PM

B-06: Finding the Clinical Relevance in the ABE Learning Objectives

Now ON DEMAND - Available to watch at any time

ABE Session

Emine Abali

Assistant Dean for Basic Science Curriculum, CUNY School of Medicine

Jim Baleja

Associate Professor, Tufts University School of Medicine

Judith Binstock

Professor of Medical Biochemistry and Medical Genetics, Touro College of Osteopathic Medicine

Sheri Fong

Associate Professor, John A. Burns School of Medicine, University of Hawaii

Tracy Fulton

UCSF

Vivek Joshi

Kentucky College of Osteopathic Medicine

Pasquale Manzerra

Assistant Dean of Medical Student Affairs and Admissions, Sanford School of Medicine, University of S. Dakota

Doug Spicer

Associate Professor, University of New England College of Osteopathic Medicine

Jaya Yodh

Teaching Associate Professor, Carle Illinois College of Medicine

Asma Zaidi

Professor of Biochemistry, Kansas City University

This video gives an introduction and a more extensive rationale for this workshop than will be given at the workshop. Video link Please fill this form out if you would like more information about this project, including how to join the working group. Link to form Informational links ABE Learning Objectives Aquifer Sciences Initiative Aquifer Learning Objectives The concept of cognitive integration refers to the value of understanding the basic science connections to clinical signs, symptoms, and labs. Many studies indicate the importance of cognitive integration for learning diagnostic reasoning, and the need of explicitly indicating these relationships for this ...

Tuesday, May 04

05:00 PM - 06:30 PM

S-07: Learning about Race in Medical School

Now ON DEMAND - Available to watch at any time

ABE Session

Edgar Diaz-Cruz

Associate Professor, Belmont University College of Pharmacy

Clive Slaughter

AU-UGA Medical Partnership

Views commonly expressed about 'race' are that it has a sociological, not a biological basis; or that it doesn't really exist. The influence of race and ethnicity is clearly enormous. Yet these notions are difficult to talk about. Science has often viewed them through a distorting lens. And medical students may face the difficult task of discovering for themselves the relevance of race and ethnicity to themselves and their chosen profession. In this workshop the foundational biochemical and genetic concepts of human diversity and their impact alongside cultural and environmental factors on disease risk and treatment will be reviewed. Learning ...

Wednesday, May 05

11:00 AM - 12:15 PM

Clinical PD SIG Meeting - Part 1

Now ON DEMAND - Available to watch at any time

SIG Meeting

APHMG Program Directors SIG

Mimi Blitzer

CEO, ABMGG, University Maryland School of Medicine

Hope Northrup

Director, Division of Medical Genetics, McGovern Medical School; University of Texas Health Science Center at Houston

11:00-11:10 am Welcome & Introductions - Hope Northrup, McGovern Medical School 11:10-11:30 am Report on the 2020 Match - Hope Northrup, McGovern Medical School 11:30-12:15 pm Update on the in-service Exam Report from ABMGG, including LGG Update - Mimi Blitzer, CEO, ABMGG, and University Maryland School of Medicine

Wednesday, May 05

11:00 AM - 11:55 AM

S-08: Breaking the Mold: Transformation as a Call for Scholarly Action

Curricular transformation, innovation, and scholarly teaching; Now ON DEMAND - Available to watch at any time

Joint ABE/APHMG Session

APHMG Course Directors SIG

Andrew Bergemann

Associate Professor, Dell Medical School at the University of Texas

Luann Wilkerson

Associate Dean for Evaluation & Faculty Development, University of Texas at Austin

Breaking the Mold: Transformation as a Call for Scholarly Action LuAnn Wilkerson, EdD, and Andrew Bergemann, PhD Dell Medical School at the University of Texas at Austin Health professions education is continuously undergoing transformation as the health needs of our communities and the learning needs of our students change. This process of ongoing transformation provides us with unique challenges as faculty members since change is always at least a little uncomfortable. However, challenges also provide opportunities. In this presentation we will ask you to explore three of those opportunities: reexamining how we teach based on new insights into how we learn, ...

Wednesday, May 05

12:00 PM - 01:00 PM

S-09: Getting Started as an Educational Scholar in the Health Professions

Workshop with LuAnn Wilkerson & Andrew Bergemann; Now ON DEMAND - Available to watch at any time

Joint ABE/APHMG Session

APHMG Course Directors SIG

Andrew Bergemann

Associate Professor, Dell Medical School at the University of Texas

Luann Wilkerson

Associate Dean for Evaluation & Faculty Development, University of Texas at Austin

Getting Started as an Educational Scholar in the Health Professions LuAnn Wilkerson, EdD and Andrew Bergemann, PhD Dell Medical School at the University of Texas at Austin Just as in any other type of scholarship, educational inquiry is disciplined. In this workshop, we will explore the ways in which your skills in scientific research can be transferred to inquiries in education using social science research methods. Working together, each participant will be engaged in identifying an educational research question that is interesting, clear, significant, and feasible and considering the exploratory or confirmatory study design to best answer that question. Learning Objectives: ...

Wednesday, May 05

12:45 PM - 03:15 PM

Clinical PD SIG Meeting - Part 2

Now ON DEMAND - Available to watch at any time

SIG Meeting

APHMG Program Directors SIG

Donald Basel

Medical College Wisconsin

Nadia E. Charguia

Associate Professor, University of North Carolina School of Medicine

Kate Hatlak

Executive Director, Accreditation Council for Graduate Medical Education

Fuki M. Hisama

Chair, RRC, University of Washington

Debra Regier

Program Director, Medical Genetics, Children's National Medical Center

12:45-1:15 pm Reports from the RRC/ACGME Update - Kate Hatlak, ACGME and Fuki Hisama, Chair, RRC 1:15-1:30 pm Q&A for ABMGG/ACGME 1:30-2:00 pm ACGME Discussion Regarding Potentially Changing Requirements for Categorical Medical Genetics - Debra Regier, MD, Children's National Medical Center 2:00-3:15 pm Plenary I - A Path from Burnout to Wellness in Residency Training Nadia Elizabeth Charguia, MD, University of North Carolina School of Medicine

Wednesday, May 05

01:00 PM - 01:55 PM

Posters & Exhibits

Visit the Poster Hall area to view posters or the Exhibit Hall to view exhibit booths.

Wednesday, May 05

02:00 PM - 03:00 PM

S-10: Gaming Strategies for Genetics Workshop

Now ON DEMAND - Available to watch at any time

Joint ABE/APHMG Session

APHMG Course Directors SIG

Adam Hott

Digital Applications Lead, HudsonAlpha Institute for Biotechnology

Some of the most valuable experiences a pre-healthcare professional has during training are those that provide hands-on application and build skills. In clinical rotations, students obtain physical and interpersonal skills needed in the profession that are used on a daily basis. There are however, times when a healthcare professional will need to bridge content knowledge, delivered primarily in a didactic format in schooling, with practical application. Students are not typically provided challenges that require critical thinking, applying factual knowledge to new situations, and combining a wide range of concepts into one solution. Using game-based learning can provide opportunities for students ...

Wednesday, May 05

03:30 PM - 04:30 PM

S-11: Are the Biomedical Sciences Really Necessary?

How medical students use biomedical science knowledge in clinical care; Now ON DEMAND - Available to watch at any time

Joint ABE/APHMG Session

APHMG Course Directors SIG

Bonny Dickinson

Associate Dean for Faculty Affairs and Director of Medical Education Research, Mercer University

Edwina Smith

Student, Mercer University

The purpose of this workshop is to facilitate a deeper understanding of how medical students utilize the biomedical science knowledge learned in the preclinical curriculum to solve clinical problems encountered in their clerkship rotations. In a recent study, we asked students entering the family and community medicine clerkship rotation to write brief reflective essays in response to the prompt: How is biomedical knowledge relevant to clinical medicine? Mid-clerkship, the students selected a patient encounter and completed a reflective writing assignment designed using the principles of Kolb's experiential learning theory as an organizing framework. A directed content analysis was used interpret ...

Wednesday, May 05

03:30 PM - 05:00 PM

Clinical PD SIG Meeting - Part 3

Now ON DEMAND - Available to watch at any time

SIG Meeting

APHMG Program Directors SIG

Hope Northrup

Director, Division of Medical Genetics, McGovern Medical School; University of Texas Health Science Center at Houston

Debra Regier

Program Director, Medical Genetics, Children's National Medical Center

3:30-5:00 pm Plenary II - Scholarly Activity and Research-What Are Your Residents Doing? Presentation of survey results followed by small group activity to determine essential elements for programs. - Hope Northrup, McGovern Medical School and Debra Regier, MD, Children's National Medical Center

Wednesday, May 05

05:00 PM - 06:00 PM

S-12: Educational Scholarship: Maximizing your Academic Currency for Career Advancement

Now ON DEMAND - Available to watch at any time

Joint ABE/APHMG Session

APHMG Course Directors SIG

Tameka Clemons

Assistant Professor of Biochemistry, Meharry Medical College

Kim Dahlman

Associate Professor of Medicine, Vanderbilt University Medical Center

Martha Faner

Assistant Professor, Michigan State University

The changing landscape of professional school curricula has provided a great opportunity for educational scholarship. In the scholarship of teaching and learning, it is important to disseminate novel and innovative curricula, course activities, and/or student satisfaction/performance/outcomes data to others who could benefit from that new knowledge. Furthermore, educational scholarship is a major criterion for educator track faculty promotion and tenure. However, because many faculty members engaged in teaching and education have not been exposed to the practices of teaching and learning scholarship, it has been difficult for them to summarize and disseminate their novel methods and discoveries. The goal of ...

Wednesday, May 05

06:00 PM - 09:45 PM

ABE/APHMG Joint Social Event

Joint ABE/APHMG Session

Social / Networking

Shoumita Dasgupta

Professor of Medicine, Biomedical Genetics, Boston University School of Medicine

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine

If you are not attending the Escape Room event, you can still have fun! Join us for live, interactive networking from 6:15 – 7:45 PM in SpatialChat. Join us for an Escape Room Adventure! You and your team have been captured by the infamous pirate name Blackbeard and have been tossed into the brig of the ship, you have exactly one hour to make your escape while he is out pillaging and plundering or you will be thrown overboard into shark infested waters. Each team will be tasked with navigating a 3D mapped version of the ship, this will allow everyone to solve ...

Thursday, May 06

11:00 AM - 12:30 PM

S-13: Taking Care of Our Own: Addressing Stress, Depression and Burnout in Medicine

Now ON DEMAND - Available to watch at any time

APHMG Session

Nadia E. Charguia

Associate Professor, University of North Carolina School of Medicine

Connie Guille

Professor, Medical University of South Carolina

Thursday, May 06

01:00 PM - 02:30 PM

S-14: Program in Prenatal and Pediatric Genomic Sequencing (P3EGS)

Clinical Utility of Exome Sequencing in Underserved / Under-represented Populations; Now ON DEMAND - Available to watch at any time

APHMG Session

Sara Ackerman

Associate Professor, Social & Behavioral Sciences/UCSF Bioethics, University of California, San Francisco

Billie Lianoglou

Genetic Counselor, UCSF

Anne Slavotinek

Associate Professor of Clinical Pediatrics, University of California, San Francisco

Anne Slavotinek, MB.BS., Ph.D; University of California, San Francisco Next-generation sequencing is increasingly utilized as a diagnostic tool in clinical genetics, but it is still critical to define the clinical situations where these technologies demonstrate maximal clinical usefulness. One current area of active research involves exploring the clinical utility and cultural acceptability of WES in under-represented and underserved populations. The Program in Prenatal and Pediatric Genome Sequencing (P3EGS) study at UCSF aims to offer exome sequencing (ES) to pediatric patients and couples in pregnancy who are under-represented and underserved in order to assess clinical utility of ES in this population. In ...

Thursday, May 06

02:45 PM - 04:15 PM

APHMG Business Meeting

Now ON DEMAND - Available to watch at any time

APHMG Session

APHMG Members

Shoumita Dasgupta

Professor of Medicine, Biomedical Genetics, Boston University School of Medicine

Please see the agenda in the files section below.

Thursday, May 06

04:30 PM - 05:30 PM

S-15: You Can Always Get What You Want

Applying the Principles of Program Evaluation; Now ON DEMAND - Available to watch at any time

APHMG Session

APHMG Course Directors SIG

Kim Dahlman

Associate Professor of Medicine, Vanderbilt University Medical Center

Lourdes Estrada

Associate Professor, Vanderbilt University

Neil Osheroff

Professor of Biochemistry and Medicine, John G. Coniglio Chair in Biochemistry, Vanderbilt University School of Medicine

Over the past decade many medical/dental/and pharmacy schools have changed their curricula to better meet the demands of a modern practitioner. Educators are the agents of this change implementation, resulting in the development of new and innovative programs, courses, and instructional strategies. However, educators commonly have limited training on program evaluation, or the systematic method to collect, analyze, and use information to understand if a program is effective. Knowledge of program evaluation is important to determine if curricular inputs (ranging from individual sessions to large-scale programs) and activities align with the desired program impact and outcomes. The goal of this ...

Thursday, May 06

04:30 PM - 06:00 PM

Clinical Laboratory Training Program Directors SIG Meeting

Now ON DEMAND - Available to watch at any time

APHMG Session

SIG Meeting

APHMG Clinical Lab PD SIG

Mimi Blitzer

CEO, ABMGG, University Maryland School of Medicine

Kate Hatlak

Executive Director, Accreditation Council for Graduate Medical Education

Stephen Moore

associate professor, oregon health and science university

Thursday, May 06

05:30 PM - 06:00 PM

CD-SIG Meeting /APHMG Curriculum Guidelines Updates

Now ON DEMAND - Available to watch at any time

APHMG Session

SIG Meeting

APHMG Course Directors SIG

Fabiola Quintero-Rivera

Professor, Department of Pathology and Laboratory Medicine, School of Medicine, University of California Irvine (UCI)

5:30-5:45 p.m.Updates of the new curriculum competencies, NBME Question Bank, elections of new members of the Executive committee by Fabiola Quintero-Rivera5:45 -6:00 p.m.Brainstorming on new projects for 2022. Moderators: Lauren Massingham and Jon Bernstein

Thursday, May 06

06:00 PM - 07:00 PM

Posters & Exhibits

Visit the Poster Hall area to view posters or the Exhibit Hall to view exhibit booths.Join here for a LIVE interactive social networking platform where you can have real-time conversations:<https://spatial.chat/s/abe-aphmg>

Friday, May 07

11:00 AM - 12:30 PM

S-16: Gender Inclusivity in Medical Genetics Education

Now ON DEMAND - Available to watch at any time

APHMG Session

Robin Bennett

Acting Program Director, UW Genetic Counseling Graduate Program, University of Washington

Robin Bennett, MS, CGC, ScD (Hon) Traditional approaches to pedigree drawing and family history taking use symbols and language that is heteronormative and cis-gender biased. To be more inclusive and accurate in medical and family history taking and in their representations in pedigrees, suggestions have been made to expand the number of symbols used in pedigrees to represent a broader range of gender identities (Sheehan et al., J Genet Couns. 2020 Dec; 29(6):1114-1125.) and to use language that validates a client's sexual and gender identity (Barnes et al., J Genet Couns. 2020 Jun;29(3):423-434.) At the same time, these approaches must allow ...

Friday, May 07

01:00 PM - 05:30 PM

S-17: Towards a More Humane Genetics Education

Inclusive Genetics Workshop; Now ON DEMAND - Available to watch at any time

APHMG Session

Brian Donovan

Senior Research Scientist, BSCS (Biological Sciences Curriculum Study) Science Learning

Dennis Lee

Awais Syed

Monica Weindling

Research Associate, BSCS Science Learning

For an entire century, the science of genetics has been used in arguments about the inherent inferiority or superiority of certain races. These arguments are rooted in people's assumptions about the relationship between race and genetics. A growing body of research indicates that formal genetics education can influence how people conceptualize the relationship between race and genetics, for better or worse. For example, several randomized control trials (RCTs) have found that when secondary school students learn about the prevalence of genetic diseases in particular racial groups it causes them to infer that racial groups differ in intelligence because of genes. ...

Friday, May 07

05:30 PM - 05:45 PM

Closing Remarks

Now ON DEMAND - Available to watch at any time

APHMG Session

Shoumita Dasgupta

Professor of Medicine, Biomedical Genetics, Boston University School of Medicine

Jana Simmons

Associate Professor, Biochemistry and Molecular Biology, Michigan State University College of Human Medicine