NBME at the 2014 AAMC Annual Meeting

November 7 – 11

CHICAGO

View a schedule of activities sponsored by the NBME or workshops where staff members have been invited to present.

Hyatt Regency Chicago
151 E Wacker Drive

Mid-America Club
200 East Randolph Drive
80th Floor

Swissotel Chicago
323 E Wacker Drive
## NBME Sponsored Sessions

### Friday, November 7, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 am – 9:30 am</td>
<td><strong>NBME Breakfast for Subscribers of Customized Assessment Services</strong> Ø</td>
<td>Mid America Club - Burnham Ballroom C&amp;D</td>
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<td>Breakfast for Customized Assessment Services subscribers to obtain program feedback, discuss enhancements and provide the opportunity to benefit from shared experiences. NBME staff will be in attendance to address any questions and concerns. New potential users are welcome. Participation is by invitation only.</td>
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<tr>
<td>10:00 am – 11:30 am</td>
<td><strong>NBME Focus Group I</strong> Ø</td>
<td>Mid America Club - Frank Lloyd Wright I/II</td>
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<td>11:45 am – 1:00 pm</td>
<td><strong>NBME Luncheon for Executive Chief Proctors and Medical School Liaisons</strong> Ø</td>
<td>Mid America Club - Burnham Ballroom C&amp;D</td>
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<td>1:30 pm – 3:00 pm</td>
<td><strong>NBME Focus Group II</strong> Ø</td>
<td>Mid America Club - Frank Lloyd Wright I/II</td>
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<td>4:30 pm – 6:00 pm</td>
<td><strong>NBME/USMLE /FSMB Update</strong></td>
<td>Hyatt-Crystal B</td>
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<td>This session will provide updates on NBME, USMLE and FSMB services and activities.</td>
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### Monday, November 10, 2014

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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:30 am – 10:30 am</td>
<td><strong>High Stakes External Assessment: How Do We Keep the Baby While Throwing Out the Bath Water?</strong></td>
<td>Swissotel, Zurich A-D</td>
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<td>As part of the year-long observance of the Centennial of NBME, this session will focus on the benefits and unintended consequences of our system of external, high stakes assessment in medicine (USMLE), with a view to retaining the value of assessment while mitigating the unintended adverse consequences. After brief statements by each panelist to identify the benefits of high stakes assessment and the adverse consequences for students and for curriculum, the audience will be invited to explore new approaches to optimizing value.</td>
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<td><strong>Learning Objectives:</strong></td>
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<td>• Identify the benefits of the current USMLE system.</td>
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<td>• Identify the unintended adverse consequences of the current USMLE system for students and for curriculum.</td>
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<td>• Generate a list of potential actions to mitigate the adverse consequences while preserving the benefits of USMLE.</td>
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<td><strong>Presenters/Panelists:</strong></td>
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<td></td>
<td>Courtney Johnson</td>
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<td></td>
<td>Michael Kavan, PhD</td>
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<td>Kevin Krane, MD, FACP</td>
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<td>Maxine Papadakis, MD</td>
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<td>Paul M. Wallach, MD</td>
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NBME Staff Presentations & Workshops

Thursday, November 6, 2014

6:30 pm – 9:00 pm

Poster Reception:

The Use of Pharmaceutical Advertisements, Medical Abstracts and Literature Searching in Medical Education

Location: Swissotel
Presenter: Polina Harik, PhD

Differences in Physical Examination Performance on the USMLE Step 2 Clinical Skills Examination by Medical School Location and US Citizenship

Location: Swissotel
Presenters/Authors: Steven J. Peitzman and Monica Cuddy, MA

The Impact of Test Item Length on Test Performance for International and Second Language Medical Students

Location: Swissotel
Presenters: Mark R. Raymond, PhD, Lucy Ling, MPA, and Irina Grabovsky, PhD

Friday, November 7, 2014

11:15 am – 12:15 pm

RIME Paper: FlatWorld – International Variation in Performance by Clinical Discipline and Task on the USMLE Step 2 Clinical Knowledge Exam

Location: Swissotel

The purpose of this study was to investigate country-to-country variation in performance across clinical science disciplines and tasks for examinees taking USMLE Step 2 CK during the 2008-2010 academic years. Meth: A data file containing demographic characteristics and percent-correct clinical discipline and physician task sub-scores for 88,500+ examinees taking Step 2CK for the first time during 2008-10 academic years was assembled for analysis. For each examinee and sub-score, differences between the sub-score and mean performance of examinees at US/Canadian schools were calculated, and mean differences by country of medical school were tabulated for analysis of country-to-country variation in performance by clinical discipline and physician task.

Presenters/Authors:
Kathy Holtzman
Dave Swanson
Wenli Ouyang
Gerry Dillion
John R. Boulet

3:30 pm – 5:00 pm

Pivio Competencies Working Group Meeting Ø

Location: Hyatt-Skyway 283

Join the Pivio team and the Competencies Working Group as we continue the conversation on using Pivio to track and display competencies and other performance data.
3:30 pm – 5:00 pm  
**Pivio Faculty Working Group Meeting Ø**  
*Location*: Hyatt-Skyway 285

Join the Pivio team and the Faculty Working Group to continue the conversation on developing features that will support faculty promotion and tenure, CV tracking, and connections with students and trainees.

3:30 pm – 5:00 pm  
**Pivio Institutional Model Working Group Meeting Ø**  
*Location*: Hyatt-Skyway 284

Join the Pivio team and the Institutional Model Working Group to continue the conversation on using Pivio to gain access to aggregate data about their students, residents, faculty and physicians.

5:00 pm – 6:00 pm  
**Pivio Networking Reception**  
*Location*: Hyatt-San Francisco

Opportunity to network with the Pivio team, Working Group members, and other constituents interested in the development of Pivio and lifelong learning across the continuum.

### Saturday, November 8, 2014

1:30 pm – 3:00 pm  
**How Pivio Can Help Students Become Doctors – AAMC & NBME New Career Documentation Platform**  
*Location*: Hyatt-Regency D

Update on new service from AAMC and NBME to assist individuals with navigating the roadmap, milestones such as applying to medical school and residency, and documentation requirements throughout the continuum of training and practice.

*Presenter/Author*: Joshua Jacobs, MD

### Sunday, November 9, 2014

1:30 pm – 3:00 pm  
**How Pivio Can Help Students Become Doctors – AAMC & NBME New Career Documentation Platform**  
*Location*: Hyatt-Regency D

Update on new service from AAMC and NBME to assist individuals with navigating the roadmap, milestones such as applying to medical school and residency, and documentation requirements throughout the continuum of training and practice.

*Presenter/Author*: Joshua Jacobs, MD
ECFMG is a world leader in promoting quality health care. ECFMG serves the world’s physicians, medical education and regulatory communities, health care consumers, and researchers in medical education and health workforce planning.

Through its programs, ECFMG certifies whether international medical graduates (IMGs) are ready to enter accredited U.S. graduate medical education (GME) programs; provides primary-source verification of medical education, training, and licensing credentials; sponsors foreign national physicians for the J-1 visa for the purpose of U.S. GME; assists IMGs with applying to U.S. GME; and develops resources that assist IMGs with the transition to living and working in the United States and familiarize them with the U.S. GME and health care systems.

ECFMG partners with the National Board of Medical Examiners (NBME) in administering the Step 2 Clinical Skills (CS) component of the United States Medical Licensing Examination® (USMLE®), a requirement for IMGs and for graduates of U.S. and Canadian medical schools who wish to be licensed in the United States or Canada.

Through its Foundation for Advancement of International Medical Education and Research (FAIMER®), ECFMG offers training in leadership and health professions education; creates and maintains data resources on medical education worldwide; and conducts research on international medical education programs, physician migration, and U.S. physician workforce issues.

ECFMG is a private, nonprofit organization whose members are: American Board of Medical Specialties; American Medical Association; Association of American Medical Colleges; Association for Hospital Medical Education; Federation of State Medical Boards of the United States, Inc.; and National Medical Association.

FSMB is a national non-profit organization representing the 70 medical and osteopathic boards of the United States and its territories. FSMB serves as the national voice for its member boards and is a recognized authority throughout the United States on issues related to medical licensure and discipline. FSMB activities and services include:

• Co-sponsoring the United States Medical Licensing Examination
• Maintaining a comprehensive databank of physicians licensure and disciplinary data
• Developing model policies that promote best practices in medical regulation and encourage uniformity in how states license and discipline physicians
• Facilitating license portability through the FSMB’s Uniform Application (UA)
• Verifying physician medical credentials for state medical boards through the Federation Credentials Verification Services
• Retention of physician files from closed residency training programs

FAIMER strives to support improvements in medical education that translate into sustained improvements in health outcomes. FAIMER concentrates its efforts in low-income regions, and focuses on three specific strategies: faculty development, targeted research that informs health workforce policy and practice, and development of data that advances educational quality improvement decisions. FAIMER participates in the global dialogue on improving international health professions education. We actively seek collaborations with a broad range of partners – local experts with whom we can share experiences and learn how to best respond to the needs of the communities. Through this collective exploration and problem-solving, we strive for tangible results from the activities.
CSEC is a collaborative partnership between the National Board of Medical Examiners (NBME) and the Educational Commission for Foreign Medical Graduates (ECFMG). CSEC delivers the USMLE Step 2 Clinical Skills examination at centers in Atlanta, Chicago, Houston, Los Angeles and Philadelphia, utilizing expertise in standardized operations for assessment of clinical skills. Standardized patients (SPs) are specifically trained and used in this examination. CSEC’s vision is to be a significant contributor to a system in which patients throughout the world receive safe, high-quality, patient-centered health care services delivered by health care professionals who are highly competent in clinical and interpersonal skills.

CSEC has administered the Clinical Skills examination since June 2004. More than 344,000 examinees have been tested with over 4.2 million SP encounters. As a result of this expertise, we also offer workshops and assistance for medical schools in developing their own case materials and/or the training of SPs.

The NBME provides assessment services to medical schools through a number of programs.

- **Subject Examination Services:** The NBME offers standardized, objective, discipline-based examinations for use in assessment throughout the medical school curriculum. They are used by the majority of LCME-accredited medical schools in the United States and Canada, osteopathic medical schools, and by many schools and institutions around the world. Available subject examinations include nine basic science and nine clinical science disciplines, Introduction to Clinical Medicine and comprehensive examinations that cover material typically learned during basic science education and core clinical clerkships. Advanced Clinical Examinations in Emergency Medicine, Internal Medicine, Pediatrics, and Surgery are also available, and have been used by some medical schools to evaluate the sub-internship experience and by residency programs to assess the baseline performance of incoming residents. [Click here to learn more.]

- **Customized Assessment Services:** The NBME has developed an online tool to design customized, web-based examinations to meet basic science assessment needs. A large pool of items covering topics commonly taught in basic science coursework is available to design exams for integrated courses, end-of-year evaluation, problem-based learning cases or to meet other educational objectives. Pre-designed blueprints are also available to use as “starters” when building integrated organ system examinations. Annual subscriptions to the service are available with the flexibility to create and administer any number of examinations during a 12-month subscription period. [Click here to learn more.]

- **NBME Self-Assessment Services:** [Comprehensive Basic Science, Clinical Science and Clinical Medicine] self-assessments are offered by the NBME to medical students preparing to take USMLE® Step 1, Step 2 Clinical Knowledge, and Step 3. These services help individuals become familiar with questions like those that have appeared on USMLE and provide performance feedback on areas of strength and weakness. The [Clinical Science Mastery Series] is also available and includes self-assessments built to the same content specifications as the NBME clinical science subject exams.

- **Global Evaluation Management System (GEMS):** GEMS is a comprehensive, integrated online platform for creating, managing and delivering your own examinations. GEMS features include the ability to create and review items, use of NBME item classification and coding schemes, storage and import of items, graphics and statistics, an online secure test delivery platform, SFTP download of individual examinee result files, and tracking of student performance across all GEMS examinations. [Click here to learn more.]
All graduates of US or Canadian medical schools granting the MD degree, and all graduates of international medical schools who are seeking postgraduate training opportunities or licensure in the United States must take the United States Medical Licensing Examination® (USMLE®). The USMLE is a single, three-step examination system that assesses a physician’s ability to apply knowledge, concepts, and principles, and to demonstrate fundamental patient-centered skills that are important in health and disease and that constitute the basis of safe and effective patient care. Results of USMLE are provided to the individual state licensing authorities for their use in the licensure process.

Approximately 140,000 USMLE examinations are administered each year. USMLE policies, design, content, and standards are established by committees of volunteer physicians and scientists from the educational, licensure, and practice community. Under the direction of expert committees, the design and content of USMLE has and continues to evolve as the practice of medicine and training of physicians change.

The Pivio™ system is a lifelong learning and career documentation tool created by the AAMC and NBME. It can store and transfer data necessary for the full continuum of a physician’s career from pre-med/pre-health through retirement. This exciting new platform allows personalized data sharing and storage, putting the user in full control. Now, you can benefit from comprehensive, holistic professional documentation and record management—throughout your medical career.

**Social Media**

**Twitter**
Follow the NBME on Twitter @NBMEnow for live updates during the meeting. You can also tweet about your experience or ask questions. Please use the hashtag #nbmeataamc when tweeting about the meeting.

Using Twitter is easy. If you do not have a Twitter handle and prefer not to create one, you can still follow us by visiting www.twitter.com and searching for @NBMEnow.

**Facebook**
We are excited to share information with AAMC attendees through the NBME Medical School Services Facebook group. When you join the group, please feel free to post comments about your experience.