# Agenda – Friday, March 17, 2017

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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:00 – 8:00 am</td>
<td>Registration &amp; Continental Breakfast</td>
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<td><strong>Zurich Foyer</strong></td>
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<tr>
<td>8:00 – 8:30 am</td>
<td>Welcoming Remarks</td>
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<td><strong>Zurich DEFG</strong></td>
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<tr>
<td></td>
<td>Ajit K. Sachdeva, MD, FRCSC, FACS – Director, Division of Education, American College of Surgeons; Chair, ACS Program for Accreditation of Education Institutes, Chicago, IL</td>
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<td></td>
<td>Kevin J. Lachapelle, MD, FRCSC, FACS – Vice Chair of Surgery, McGill University; Adair Family Chair in Surgical Education; Chair, Program Committee of the AEI Consortium, Montréal, QC, Canada</td>
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<td>Carla M. Pugh, MD, PhD, FACS – Susan Behrens Professor of Surgical Education, Vice Chair of Education and Patient Safety, University of Wisconsin; Clinical Director, UW Health Clinical Simulation Program; Recorder, Annual ACS Surgical Simulation Conference, Madison, WI</td>
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<td>8:30 – 9:00 am</td>
<td>State of the ACS-Accredited Education Institutes: 2017 Update</td>
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<td><strong>Zurich DEFG</strong></td>
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<td>9:00 – 9:45 am</td>
<td>Keynote Address – Transforming Health Professions Education: To Dare Mighty Things</td>
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<td>9:45 – 10:00 am</td>
<td>Break – Refreshments Served in Exhibit Hall</td>
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<tr>
<td>10:00 am – 12:00 pm</td>
<td>Special Panel: The Value Proposition of Simulation</td>
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<td><strong>Zurich DEFG</strong></td>
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<td>Moderator: Ajit K. Sachdeva, MD, FRCSC, FACS</td>
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<td>David L. Feldman, MD, MBA, CPE, FAAPL, FACS – Senior Vice President and Chief Medical Officer, Hospitals Insurance Company/FOJP Service Corporation, New York, NY</td>
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<td>John R. Combes, MD – Senior Advisor, The Southport Group; Former Chief Medical Officer and Senior Vice President, American Hospital Association, Chicago, IL</td>
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<td>David A. Cook, MD, MHPE – Professor of Medicine and Medical Education, Mayo Clinic College of Medicine and Science; Research Chair, Mayo Clinic Multidisciplinary Simulation Center, Rochester, MN</td>
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<td>Dana K. Andersen, MD, FACS – Scientific Program Manager, Division of Digestive Diseases and Nutrition, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD</td>
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<td>12:00 – 1:45 pm</td>
<td>Luncheon Featuring Updates from the Committees of the Consortium and Technical Exhibits</td>
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<td><strong>Zurich ABC</strong></td>
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<td>Moderator, Committee Updates: Ajit K. Sachdeva, MD, FRCSC, FACS</td>
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<td>Moderator, Technical Exhibits: Deborah M. Rooney, PhD – Assistant Professor, Department of Learning Health Sciences; Director, Education and Research in Simulation, Clinical Simulation Center, University of Michigan Medical School, Ann Arbor, MI</td>
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<td><strong>Administration &amp; Management Committee</strong></td>
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<td>Jennifer Calzada, MA, MPH – Committee Co-Chair, Tulane Center for Advanced Medical Simulation and Team Training, New Orleans, LA</td>
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<td><strong>Best Practices Committee</strong></td>
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<td>Gladys Fernandez, MD – Committee Co-Chair, Baystate Simulation Center &amp; Goldberg Surgical Skills Laboratory, Springfield, MA</td>
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Choice of Concurrent Sessions: Papers Session I or Administration & Management Session

Papers Session I
Co-Moderators: Robert D. Acton, MD – Associate Professor of Surgery and Pediatrics; Associate Program Director in Surgery; Simulation Fellowship Director, University of Minnesota, Minneapolis, MN
Jeremy Lipman, MD, FACS, FASCRS – Program Director, General Surgery Residency, Cleveland Clinic, Cleveland, OH

Value-Based Simulator Selection: The Creation and Evaluation of the Simulator Value Index Tool
Deborah M. Rooney, PhD – University of Michigan Clinical Simulation Center, Ann Arbor, MI
Discussant: Lisa Satterthwaite, RPN, ORT – University of Toronto Surgical Skills Centre at Mount Sinai Hospital, Toronto, ON, Canada

AEI Best Practices: A Review of 2011 to Present
James M. Cooke, MD – University of Michigan Clinical Simulation Center, Ann Arbor, MI
Discussant: Dmitry Nepomnayshy, MD, FACS – Lahey Center for Professional Development and Simulation, Burlington, MA

International Delphi Consensus on Critical Components of the Safe Surgical Ward: Identification of Factors for Educational Interventions and Quality Assessment
Yasmin Hassen, MB, BS, BSc(Hons), MRCS – Imperial College London, London, United Kingdom
Discussant: Dimitrios Stefanidis, MD, PhD, FACS, FASMBS – Indiana University of Medicine, Indianapolis, IN

Using Epistemic Network Analysis to Identify Targets for Educational Interventions in Trauma Team Communication
Sarah Sullivan, PhD – University of Wisconsin, Madison, WI
Discussant: Glen H. Tinkoff, MD, FACS – Case Western University, Cleveland, OH

Interprofessional Simulations to Inform Perioperative Facility Planning and Design
Kristoffel Dumon, MD, FACS – Penn Medical Simulation Center, Philadelphia, PA
Discussant: Carla M. Pugh, MD, PhD, FACS – UW Health Clinical Simulation Program, Madison, WI
1:45 – 3:30 pm
St. Gallen 1-2

**Administration and Management Session**

**Managing the Business of a Simulation Center: A Roundtable Discussion**
Jennifer Calzada, MA MPH – Tulane Center for Advanced Medical Simulation & Team Training, New Orleans, LA
Jeffrey D. Howells, MBA, MS – LSU Health Sciences Center, Shreveport, LA
Farrah Leland, JD – WWAMI Institute for Simulation in Healthcare (WISH), University of Washington, Seattle, WA

3:30 – 3:45 pm
Zurich ABC

**Break – Refreshments Served in Exhibit Hall**

3:45 – 5:45 pm
St. Gallen 1-2

**Committee-Sponsored Workshops**

**Best Practice Committee**

**ACS-AEI Best Practices: Ideas YOU Should STEAL From Your Peers**
Ruth Braga MSN, RN – University of Utah, Salt Lake City, UT
James M. Cooke, MD – University of Michigan Medical School, Ann Arbor, MI
Walter J. Eppich, MD, Med – Northwestern University Feinberg School of Medicine, Chicago, IL
David R. Farley, MD, FACS – Mayo Clinic Multidisciplinary Simulation Center, Rochester, MN
Gladys Fernandez, MD – Baystate Simulation Center & Goldberg Surgical Skills Laboratory, Springfield, MA
Stephen Small, MD – University of Chicago Simulation Center, Chicago, IL

Montreaux 1

**Curriculum/ Faculty Development Committees**

**Designing Educationally Effective Curricula for Simulation-Based Courses**
Nehal Khamis, MD, PhD, MHPE – KSU Clinical Skills and Simulation Center, Riyadh, Saudi Arabia
Cate Nicholas, MS, PA, EdD – Clinical Simulation Laboratory, Fletcher Allen Health Care/University of Vermont, Burlington, VT

Zurich DEFG

**Fellowship Review Committee**

**Presentation of Fellows’ Research**

Co-Moderators: Mitchell H. Goldman, MD, FACS – Professor, Assistant Dean, University of Tennessee College of Medicine – Knoxville Graduate School of Medicine, Knoxville, TN
Robert M. Sweet, MD, FACS – Professor of Urology, Executive Director of WWAMI Institute for Simulation in Healthcare (WISH); Medical Director of the Kidney Stone Program, University of Washington, Seattle, WA

Tess Aulet, MD – Clinical Simulation Laboratory at the University of Vermont, Burlington, VT
Daniel Hashimoto, MD, MS – Massachusetts General Hospital, Harvard Medical School, Boston, MA
Brittany Hasty, MD – Goodman Surgical Education Fellow, Stanford University School of Medicine, Stanford, CA
Kelsey Innes, MD – Centre of Excellence for Simulation, Education & Innovation (CESEI), Vancouver, BC
Marcos G. Molina MD – University of Minnesota Medical School, Minneapolis, MN
Yasser A. Noureldin, MD, MSc, PhD – WWAMI Institute for Simulation in Healthcare (WISH), Seattle, WA
D. George Ormond, MD – University of Vermont College of Medicine, Burlington, VT
Zachary A. Taylor, DO, LT, MC, USN – Uniformed Services University, Walter Reed Department of Surgery & National Capital Region Simulation Consortium, Bethesda, MD
Kathryn R. Wolf, MDLT, USN, MC – Uniformed Services University, Walter Reed Department of Surgery & National Capital Region Simulation Consortium, Bethesda, MD
Research & Development Committee
Applied Psychometrics in Simulation: Methods for Increasing Internal and External Validity
R. Eric Heidel, PhD – UT Center for Advanced Medical Simulation, Knoxville, TN
Dimitrios Stefanidis, MD, PhD, FACS, FASMBS – Indiana University Department of Surgery, Indianapolis, IN
Boris A. Zevin, MD, PhD, FRCSC – Kingston General Hospital, Kingston, ON, Canada

Technologies & Simulation Committee
Better SIM’s Through Innovation: Nuts and Bolts of Simulation Innovation Lab Start-Up and Successful Sustainability
David M. Hananel, BS – University of Washington, Seattle, WA
Thenkurussi ‘Keshi’ Kesavadas, PhD – University of Illinois at Urbana-Champaign, Urbana, IL
Niles N. Mayrand Jr., BBA, CMP – University of Michigan Medical School, Ann Arbor, MI
Troy Reihsen – University of Washington, Seattle, WA
Deborah Rooney, PhD – University of Michigan Clinical Simulation Center, Ann Arbor, MI

5:45 pm
Networking Reception

AGENDA – SATURDAY, MARCH 18, 2017

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<th>TIME</th>
<th>SESSION</th>
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<td>7:00 – 8:00 am</td>
<td>Networking Breakfast for all Attendees</td>
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<tr>
<td>7:00 – 8:00 am</td>
<td>International Members Meeting and Breakfast (Closed)</td>
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<tr>
<td>8:00 – 8:45 am</td>
<td>Panel: Advanced Modular Manikin Project</td>
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<td>Moderator: Ajit K. Sachdeva, MD, FRCSC, FACS</td>
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<td>Beth Pettitt, MBA – Army Research Lab, Orlando, FL</td>
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<td>Robert M. Sweet, MD, FACS – WWAMI Institute for Simulation in Healthcare (WISH), Seattle, WA</td>
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<td>Rajesh Aggarwal, MD, MA, PhD, FRCS, FRCSC, FACS – Steinberg Centre for Simulation and Interactive Learning, Montréal, ON, Canada</td>
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<td>Dimitrios Stefanidis, MD, PhD, FACS, FASMBS – Indiana University Department of Surgery, Indianapolis, IN</td>
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<td>Christine Vaccaro, DO, FACOG – Madigan Army Medical Center, Tacoma, WA</td>
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<td>8:45 – 10:30 am</td>
<td>Papers Session II</td>
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<td>Zurich DEFG</td>
<td>Co-Moderators: Christopher M. Schlachta, BSc, MDCM, FRCSC, FACS – Professor of Surgery and Oncology, Schulich School of Medicine and Dentistry, Western University; Medical Director, CSTAR (Canadian Surgical Technologies &amp; Advanced Robotics), London Health Sciences Centre, London, ON, Canada</td>
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<td>Daniel Vargo, MD, FACS – Director, Utah Center for Innovation and Simulation in Education (UCISE); Program Director, General Surgery; Professor, Department of Surgery, University of Utah School of Medicine, Salt Lake City, UT</td>
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<td>Conflicting Opinions on the Use of Simulation for Nontechnical Skill Development at the Onset of Residency Training</td>
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<td>Natalie Wagner, BSc(Hons) – McMaster University, Hamilton, ON, Canada</td>
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<td>Discussant: Rajesh Aggarwal, MD, MA, PhD, FRCS, FRCSC, FACS – Steinberg Centre for Simulation and Interactive Learning, Montréal, ON, Canada</td>
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Team-based Simulations for New Surgeons: Does Early and Often make a Difference?
Kareem R. AbdelFattah, MD – Southwestern Center for Minimally Invasive Surgery, Dallas, TX
Discussant: Emil Petrusa, PhD – MGH Learning Laboratory, Boston, MA

Personalized Video Feedback Improves Suturing Skills of Incoming General Surgery Trainees
Nimesh D. Naik, MD – Mayo Clinic Multidisciplinary Simulation Center, Rochester, MN
Gladys L. Fernandez, MD – Baystate Simulation Center, Springfield, MA

Time Crunch: Increasing the Efficiency of Technical Surgical Skill Assessment via Brief Video Clips
John M. Sawyer, BS – Medical University of South Carolina – Healthcare Simulation Center, Charleston, SC
Nimesh D. Naik, MD – Mayo Clinic Multidisciplinary Simulation Center, Rochester, MN

Simulation-based Multiple Mini-interviews vs. Traditional Interviews in the Postgraduate Year 1 Cardiac Surgery Residency Program Selection Process
Marina Ibrahim, MD – McGill University, Montréal, ON, Canada
John T. Paige, MD, FACS – LSU Health - New Orleans School of Medicine Learning Center, New Orleans, LA

10:30 – 10:45 am
Zurich ABC

Break – Refreshments Served in Exhibit Hall

10:45 – 11:15 am
Zurich DEFG

How We Do It: Linking Simulation to Institutional Quality Improvement and Risk Management
Moderator: Dmitry Nepomnayshy MD, FACS – Director of Simulation and Professional Development, LHMC; Associate Professor of Surgery, TUFTS Medical School, Burlington, MA
James R. Korndorffer Jr. MD MHPE FACS – Tulane Center for Advanced Medical Simulation, New Orleans, LA
Christine Vaccaro, DO, FACOG – Madigan Army Medical Center, Tacoma, WA

11:15 – 12:00 pm
Zurich DEFG

Debate: Should Simulation Be Used for Selection of Entry into Surgical Residency?
Moderator: Aimee K. Gardner, PhD – Assistant Dean of Research & Evaluation, School of Allied Health Sciences; Associate Professor of Allied Health; Associate Professor of Surgery, Baylor College of Medicine, Houston, TX
Teodor Grantcharov MD, PhD, FACS – University of Toronto, Toronto, ON, Canada
E. Matthew Ritter, MD, FACS, Col, USAF, MC – Uniformed Services University of the Health Sciences & the Walter Reed National Military Medical Center, Bethesda, MD

12:00 – 12:30 pm
Zurich DEFG

Coaching the Next Generation Using Simulation
Moderator: Ajit K. Sachdeva, MD, FRCS, FACS
Richard H. Feins, MD, FACS – University of North Carolina (UNC), Chapel Hill, NC

12:30 – 12:35 pm
Zurich DEFG

Award for “Best in Show”
Kevin J. Lachapelle, MD, FRCS, FACS

12:35 – 12:45 pm
Zurich DEFG

New Directions & Closing Remarks
Ajit K. Sachdeva, MD, FRCS, FACS