

AEI Consortium Abstracts Since 2008
Abstracts By Research Category - Curriculum Development

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| | | | | | | | | | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | |
| AEI2008 | Enhancing a General Surgery Residency Curriculum through Integration of an Online Content Management System | NA | no | no | Meier | Andreas | MD, FAAP, FACS | Penn State Hershey Medical Center | X | | | | | | | | | | |
| AEI2008 | Four-Year Curriculum for Urology Residency Training | NA | no | no | McDougall | Elsbeth | MD, FRCSC, MHPE | UC Irvine | X | | | | | | | | | | |
| AEI2008 | Simulation Drives Our General Surgery Training Curriculum: A Work in Progress | NA | no | no | Farley | David | MD, FACS | Mayo Clinic Rochester | X | | | | | | | | | | |
| AEI2010 | A Focused and Dedicated One Week Basic Skills Curriculum Is Adequate To Reach The Expected Proficiency Level For First Year Surgery Residents In A Busy Residency | Original | no | no | Chandrakaladhar | Ben Selvan | MS | Penn Medicine Clinical Simulation Center | X | X | X | X | | | | | | | |
| AEI2010 | A low cost simulator to reduce global rates of maternal mortality | Original | no | no | Perosky | J | | University of Michigan | X | X | | | | X | | | | | |
| AEI2010 | A Novel Basic Open Technical Skills Curriculum with Self- and Expert-administered Assessment Tools | Descriptive | no | no | Wright | Andrew | MD, FACS | University of Washington/ISIS | X | | X | X | | | | | | | |
| AEI2010 | Assembling the Puzzle that is Surgical Education: A Look at a Proficiency-Based Knot-Tying and Suturing Curriculum | Research Idea | no | no | Nagar | S | MD | Beaumont Health System | X | X | X | | | | | | | | |
| AEI2010 | Deficiencies of the Surgical Curriculum Exposed | Original | no | no | Montero | Paul | MD | Carolinas Healthcare System | X | X | X | X | | | | | | | |
| AEI2010 | Development and Evaluation of an Open Aortic Aneurysm Repair Simulation | Non-AEI | no | no | Jones | Matt | | UT Center for Advanced Medical Simulation/UTMCK | X | X | X | | | | | | | | |
| AEI2010 | Development and Implementation of a System-Wide Central Venous Catheterization Curriculum | Descriptive | no | no | Wright | Andrew | MD, FACS | University of Washington/ISIS | X | X | | X | X | | | | | | |
| AEI2010 | Evaluating the Effectiveness of Virtual Reality Simulation Training in Intravenous Cannulation | Original | no | no | Loukas | Costas | PhD | University of Athens | X | X | X | | | | X | | | | |
| AEI2010 | Improving Surgical Skills Through Simulation Education | Original | no | no | Zendejas | Benjamin | | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2010 | Orthopaedic boot camp: Examining the effectiveness of an intensive surgical skills course | Original | no | yes | Sonnadara | Ranil | PhD, MSc | University of Toronto | X | X | X | X | | | X | | | | |
| AEI2010 | Quantifying Surgeon's Contribution to Team Effectiveness on a Mixed Team with a Junior Surgeon | Original | yes | yes | Zheng | Bin | PhD | CESEI | X | | X | | | | X | | | | |
| AEI2010 | Simulation-based distance education: practice and challenges | Original | no | no | Koval | Valentyna | | CESEI | X | X | X | X | | | | | | | |
| AEI2010 | Simulation-based mock code curriculum correlates with increased pediatric CPA survival rates | Original | no | no | Andreatta | Pamela | EdD, MFA, MA | University of Michigan | X | X | | X | X | X | | | | | |
| AEI2010 | Surgical In-situ Simulations | Work in Progress | no | no | Hamman | William | MD, PhD | Beaumont Health System | X | X | | X | | | | | | | |
| AEI2010 | The Development and Implementation of a Simulation-based Curriculum to Teach Interns Invasive Skills | Original | no | no | Sultana | Carmen | MD, FACS | Thomas Jefferson University | X | X | X | X | | | | | | | |
| AEI2010 | The innovative use of consensus methodology to develop a technical skills evaluation tool. | Descriptive | no | no | Palter | Vanessa | MD | University of Toronto | X | | X | | | | | | | | |
| AEI2010 | The Missing Link: Integrating the Patient Population with Surgical Education through Web-based Training and In-situ Simulation® | Research Idea | no | no | Hamman | William | MD, PhD | Beaumont Health System | X | X | | X | X | | | | | | |
| AEI2010 | The Use of Simulation Hybrids in Skills Teaching and Assessment | Descriptive | no | no | Berg | Katherine | MD | Thomas Jefferson University | X | X | X | | | | | | | | |
| AEI2010 | Using Deliberate Practice to Train Higher-Order Skills in Laparoscopic Surgery | Work in Progress | yes | no | Beaubien | Jeffrey | PhD | Beaumont Health System | X | X | X | | | X | X | | | | |
| AEI2010 | YouTube Video + Simulation = Master TEP Hernia Surgeon? | Work in Progress | no | no | Zendejas | Benjamin | | Mayo Clinic Rochester | X | X | | X | | | | | | | |
| AEI2011 | A Comparison Study of Basic Skills Acquisition with Virtual Reality and Physical Reality Simulation Training | Original | no | no | Loukas | Constantinos | PhD | University of Athens | X | X | X | | | X | | | | | |
| AEI2011 | A Curriculum Using Simulation to Teach Interns Paracentesis | Descriptive | no | no | Berg | Katherine | MD | Thomas Jefferson University | X | | | | | | | | | | |

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| AEI2011 | A Hybrid 3-D VR/Physical Pelvis for Training Surgically Relevant Anatomic Principles | Original | no | no | Santos | Erlan | MD | University of Minnesota/SimPORTAL | X | X | X | | | | | | | | |
| AEI2011 | A novel approach to the resident skills curriculum: modules on rare and common procedures linked together with simulators created by the learner. | Original | no | no | Zak | Yulia | MD | Stanford Medical Center | X | X | X | | | | | | | | |
| AEI2011 | A Simulation Assessment Tool for Tubal Ligation | Work in Progress | no | no | Sultana | Carmen | MD | Thomas Jefferson University | X | X | X | | | | | | | | |
| AEI2011 | Anatomy-focused videos to supplement surgical curriculum | Descriptive | no | no | Arora | Anjali | MD | EVMS | X | X | X | | X | X | | | | | |
| AEI2011 | Are Medical Students Being Taught Invasive Skills Using Simulation? | Descriptive | no | no | Berg | Katherine | MD | Thomas Jefferson University | X | X | X | | | | | | | | |
| AEI2011 | Assessing the Value of the State Trait Anxiety Inventory for the Assessment of Intraoperative Stress Associated with Skill Transfer | Original | no | no | Stefanidis | Dimitrios | MD, PhD | Carolinas Healthcare System | X | X | | | | | | | | | |
| AEI2011 | Behavioral Impact of Inter-Professional Student Operating Room Team Training using High Fidelity Simulation | Original | no | no | Paige | John | MD, FACS | LSUHSC-New Orleans | X | X | X | | X | | | | | | |
| AEI2011 | Can Skills Coaches be Used to Assess Resident Performance in the Skills Laboratory? | Original | yes | yes | Rooney | Deborah | PhDc | Northwestern University | X | X | X | | | | | | | | |
| AEI2011 | Design and Validation of a Model for Training and Assessment of Procedural Skills in Open Surgery | Original | yes | no | Rittenhouse | Neil | MHSc | University of Toronto | X | X | X | | | | X | | | | |
| AEI2011 | Design and Validation of a Surgical Skills Assessment Tool for Laparoscopic Roux-en-Y Gastric Bypass | Work in Progress | yes | no | Zevin | Boris | MD | University of Toronto | X | | X | | | X | | | | | |
| AEI2011 | Determination of Standardized Tasks and Assessment for a Simulation-Based Curriculum in Arthroscopic Knee Surgery | Research Idea | no | no | LeBel | Marie-Eve | MD, FRCSC | University of Western Ontario | X | X | | | | | | | | | |
| AEI2011 | Developing a Proficiency-Based Virtual Reality Technical Skills Training curriculum for Laparoscopic Colorectal Surgery | Original | yes | no | Palter | Vanessa | MD | St. Michael's Hospital/University of Toronto | X | | | | | | | | | | |
| AEI2011 | Enlarging the Scope of ACS Accredited Education Institutes for Learners in Different Disciplines | Descriptive | no | no | Zheng | Bin | MD, PhD | CESEI | X | X | | | | | | | | | |
| AEI2011 | Enterprise Deployment of a Simulation-based Training and Management program for Central Venous Catheters | Original | no | no | Sinanan | Mika | MD, PhD | University of Washington/ISIS | X | | | | | X | X | | | | |
| AEI2011 | Integration of a Curriculum for the Surgeons Training Endoscopic Proficiency (STEP) Program into General Surgery Residency | Work in Progress | no | no | Kastenmeier | Andrew | MD | Lahey Health System | X | X | | | | | | | | | |
| AEI2011 | Integration of Procedural Skills Simulation and Just In Time Training into an Advanced Physical Diagnosis Program | Work in Progress | no | no | Jasper | Edward | MD | Thomas Jefferson University | X | X | X | | | X | | | | | |
| AEI2011 | Low-Hanging Fruit: Using Clementines for laparoscopic surgery training in gynecological oncology | Original | no | no | Andreatta | Pamela | PhD | University of Michigan | X | X | X | | | X | X | | | | |
| AEI2011 | Setting Mastery Learning Standards for Laparoscopic TEP Inguinal Hernia Repair Simulator Training | Original | no | no | Zendejas | Benjamin | MD | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2011 | Simulation for Operative Laparoscopic skill Advancement of Residents (SOLAR): A Global Study | Original Paper | no | no | Aggarwal | Rajesh | MD, MA, PhD, MRCS | Imperial College London | X | X | X | X | | | | | | | |
| AEI2011 | Simulation-augmented training program for Off-Pump Coronary Artery Bypass surgery: Developing and validating performance assessments | Original | no | yes | Cristancho | Sayra | PhD | University of Western Ontario | X | | X | | | | X | | | | |
| AEI2011 | Sticky Situations: Using foam stickers for precision and tissue handling in laparoscopic training | Original | no | no | Andreatta | Pamela | PhD | University of Michigan | X | X | X | | | | | | | | |
| AEI2011 | The Surgical Simulation Fellowship Program: Developing International Surgical Leaders in the Art and Sciences of Simulation | Descriptive | no | no | Sweet | Robert | MD, FACS | University of Minnesota/SimPORTAL | X | X | | X | | | | | | | |

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| AEI2011 | Toward the Development of an Observer-Based Tool for Assessing, Debriefing, and Trending Higher-Order Skills During Laparoscopic Surgery | Original | no | no | Shanley | Charles | MD, FACS | Beaumont Health System | X | X | X | | | | | | | | |
| AEI2011 | Utilization of Simulation Based Training and Objective Structured Assessment of Technical Skills for Credentialing of Central Venous and Arterial Line Placement in the Surgical Intensive Care Unit | Work in Progress | no | no | Ali | Noaman | MD | Beaumont Health System | X | X | X | | X | | | | | | |
| AEI2011 | Validation of a Novel Assessment Tool for Central Venous Catheterization | Original | no | no | Wright | Andrew | MD, FACS | University of Washington/ISIS | X | X | X | X | X | | | | | | |
| AEI2012 | Acquisition of New Skills By Novices: Effect of Three Different Instructional Methods | Original | no | no | Gregory | James | MD | Conemaugh Memorial Hospital | X | X | X | | | | | | | | |
| AEI2012 | Adding Audio-Visual On-line Learning to a Surgery Simulation Curriculum Will Decrease Cognitive Load and Facilitate Learning for Surgical Interns. | Original | no | no | Ali | Shahzad | MD | Mayo Clinic Rochester | X | X | X | | | | X | | | | |
| AEI2012 | Barriers to the Adoption of the ACS/APDS Skills Curriculum | Original | no | yes | Pentlak | Patricia | MD | Beaumont Health System | X | X | | | | | | | | | |
| AEI2012 | Cadavers versus Pigs: Which are Better for Procedural Training of Surgery Residents Outside the OR? | Original | no | yes | Stefanidis | Dimitrios | MD, PhD, FACS | Carolinas Healthcare System | X | X | X | | | | | | | | |
| AEI2012 | Can Peers be Used to Assess Resident Performance in the Skills Laboratory? | Original | no | no | Rooney | Deborah | PhD | Northwestern University | X | X | X | X | | | X | | | | |
| AEI2012 | Characteristics in Response Rates for Surveys Administered to Surgical Residents | Original | no | yes | Yarger | John | MD | University of Vermont | X | | X | X | | | | | | | |
| AEI2012 | Creating the Pre-Trained Novice: A Structured Central Venous Catheterization Curriculum | Original | no | no | Figuredo | Edgar | MD | University of Washington/ISIS | X | | X | | | | | | | | |
| AEI2012 | Differences Between Resident Specialties, Education & Faculty: Results of an All GME Resident Boot Camp | Original | no | no | Gregory | James | MD | Conemaugh Memorial Hospital | X | X | X | | X | | X | | | | |
| AEI2012 | Evaluating General Surgery Residents: Is it Worth an Olympic Effort? | Original | no | no | Hernandez-Irizarry | Roberto | BS | Mayo Clinic Rochester | X | X | X | X | | | | | | | |
| AEI2012 | Initial Steps Towards the Development of a De Novo Simulation-Based Anesthesia Curriculum | Work in Progress | no | no | Ozawa | Edwin | MD, PhD | Lahey Health System | X | X | | | X | | | | | | |
| AEI2012 | Interprofessional Education: Simulation-based Mass Casualty Exercise | Descriptive | yes | no | Thomas | J. Scott | MD, FACS | Texas A&M / Scott and White | X | | | X | | | | | | | |
| AEI2012 | Laparoscopic Cholecystectomy Simulation-Based Training: Does the Type of Trainer Matter? | Original | no | no | Paige | John | MD, FACS | LSUHSC-New Orleans | X | X | X | X | X | X | X | | | | |
| AEI2012 | LVHN The Level II Accreditation Journey | Descriptive | no | no | Feher | Cathyann | RN, MSN | Lehigh Valley Health Network | X | | | X | | | | | | | |
| AEI2012 | Nurse Training with Simulation: An Innovative Approach to Teach Complex Microsurgery Patient Care | Descriptive | no | no | Potochny | John | MD, FACS | Penn State Hershey Medical Center | X | X | | X | | | | | | | |
| AEI2012 | Orthopaedic Boot Camp III: Examining the efficacy of student-regulated learning during an intensive laboratory-based surgical skills course | Original | no | yes | Sonnadara | Ranil | PhD | University of Toronto | X | X | X | | | | | | | | |
| AEI2012 | Simulation Based Training in High Risk/Low Frequency Situations: A Case Presentation | Descriptive | no | no | Radcliffe | Benjamin | MD | Riverside Methodist Hospital | X | X | X | X | X | X | X | | | | |
| AEI2012 | The Anatomy of Bronchoscopy Simulation: Enhancing Experiential Learning through Embedded Research Algorithms (EMA) | Work in Progress | no | no | Hafey | Robert | BS | SITEL's Clinical Simulation Center of MedStar Health | X | X | X | X | X | | | | | | |
| AEI2012 | Transfer Effectiveness for a Virtual Reality Laparoscopic Appendectomy Curriculum | Original | yes | no | Acharya | Amish | BSc | Imperial College London | X | X | | X | | | | | | | |
| AEI2012 | Update on the Progress to Establish National and International Collaboration on Curriculum Development - The ASSET and FRS Experience | Descriptive | no | no | Satava, Jr. | Richard | MD, FACS | University of Washington/ISIS | X | | | X | | | | | | | |
| AEI2012 | Using a Many-Facet Rasch Measurement Approach for Validation of Central Venous Catheter Tool Used in Verification of Proficiency Examination | Original | yes | no | Rooney | Deborah | PhD | Northwestern University | X | X | X | | | | | | | | |

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| AEI2012 | Variations in Procedure Time Based on PGY Level of General Surgery Residents | Descriptive | yes | no | Johnson | Jeremy | MD | University of Oklahoma | X | X | X | X | | X | | | | |
| AEI2013 | A Proficiency-based Da Vinci® Skills Simulator(TM) Training Curriculum | Original | no | no | Wilcox, Jr | Victor | MD | MITIE | X | | | | | | | | | |
| AEI2013 | An Interdisciplinary Boot Camp Where Interns and Nurses Learn Together | Descriptive | no | no | Bourgeois | Darlene | MSN, RN | Lahey Health System | X | X | | X | | | | | | |
| AEI2013 | Creation of a cost-effect per diem medical student work force for a busy American College of Surgeons Accredited Education Institute (AEI) – a model for use by consortium members | Original | no | no | Karbach | Lauren | BA | MITIE | X | | | | | | | | | |
| AEI2013 | Crew resource management training in surgical residency programs: A survey of North American program directors | Original | no | no | Dedy | Nicholas | MD | St. Michael's Hospital/University of Toronto | X | X | | X | | | | | | |
| AEI2013 | Face, content, construct validity and learning curve in robotic surgery simulation training: results of a multicentric evaluation of dV-Trainer® | Original | yes | no | Perrenot | Cyril | MD | Lorraine University | X | X | X | X | | | | | | |
| AEI2013 | Fundamentals of Laparoscopic Surgery Manual Test: Is videotaped performance assessment an option? | Work in Progress | no | no | Rooney | Deborah | PhD | University of Michigan | X | | X | X | | | | | | |
| AEI2013 | Introduction of a Comprehensive Training Curriculum in Laparoscopic Surgery for Medical Students: a Randomized Trial. | Original | no | yes | Gawad | Nada | HBSc | St. Michael's Hospital/University of Toronto | X | X | X | | | X | | | | |
| AEI2013 | Introduction of VR Simulation Based National Training Course on Neurosurgery at Congress of Neurological Surgeons (CNS): Preliminary Results | Research Idea | no | no | Roitberg | Ben | MD | University of Chicago | X | X | X | X | | X | | | | |
| AEI2013 | Laboratory Simulation is Useful in Training Residents in Bowel and Vascular Anastomosis | Research Idea | no | no | Mittal | Vijay | MD | Providence Hospital and Medical Centers | X | X | | | | X | | | | |
| AEI2013 | Learning to round before rounds | Descriptive | no | no | Yi | William | MD | SITEL's Clinical Simulation Center of MedStar Health | X | X | X | | | | | | | |
| AEI2013 | Perceptions of Surgical Task Trainers – What Do Trainees Prefer? | Original | no | no | Ruparel | Raaj | MD | Mayo Clinic Rochester | X | X | X | X | | | | | | |
| AEI2013 | Physician Perception of Frailty and Role in Surgical Risk Assessment | Work in Progress | no | no | Ferguson | Mark | MD | University of Chicago | X | | | | | | | | | |
| AEI2013 | Pilot Study Using Virtual Reality Simulation to Create a Novel Objective Test Battery of Sensory-motor Skills in Candidates for a Surgical Residency. | Work in Progress | no | no | Roitberg | Ben | MD | University of Chicago | X | X | X | | | | | | | |
| AEI2013 | Preparing to Save a Life - Simulation Course for Penetrating Thoracic Trauma in a Low Volume Hospital | Descriptive | no | no | Nepomnayshy | Dmitry | MD, FACS | Lahey Health System | X | X | X | | | | | | | |
| AEI2013 | Resident Perception of Barriers to Adequate Patient Handoff | Original | no | no | Britt | Rebecca | MD | EVMS | X | X | | | | | | | | |
| AEI2013 | Simulation For the Assessment of Ward-based Surgical Care: Validation of the Simulated Ward and a Novel Assessment Tool | Original | no | no | Pucher | Philip | MD, MRCS | Imperial College London | X | X | X | | | | | | | |
| AEI2013 | Surgical Training: Design of a Virtual Care Pathway Approach | Descriptive | yes | yes | Beyer-Berjot | Laura | MD | Imperial College London/St. Mary's Hospital | X | X | | | | X | X | | | |
| AEI2013 | Teaching the Essentials of Endocrine Surgery via Low-Cost, Low-Fidelity Simulation – A Clever Use of Yam and Felt | Original | no | no | Ruparel | Raaj | MD | Mayo Clinic Rochester | X | X | X | | | X | | | | |
| AEI2013 | Technical and non-technical skills influencing laparoscopic performance among OBGYN residents | Original | no | no | Enochsson | Lars | MD, PhD | Karolinska University Hospital | X | X | X | | | X | | | | |
| AEI2013 | The Future of Surgical Training: National Needs Assessment of Stakeholders | Original | yes | yes | Kim | Sara | PhD | ACS AEI Curriculum Committee Study Paper | X | | | X | X | | | | | |
| AEI2013 | The Rationale for Combining Surgical Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater Resident Engagement and Satisfaction | Original | no | yes | AlJamal | Yazan | MD | Mayo Clinic Rochester | X | X | X | X | | | | | | |

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| AEI2013 | The Rule of '4s': A Theory-Driven Approach to Implementing Simulation into Surgical Training | Original | yes | no | Arora | Sonal | MD, PhD | Imperial College London | X | X | | | | | | | | | |
| AEI2013 | Thinking it Through: Correlation of Mental Rehearsal Attitudinal Gains with Performance Parameters on Two Separate Laparoscopic Cholecystectomy Trainers | Original | no | no | Paige | John | MD, FACS | LSUHSC-New Orleans | X | X | | | | | | | | | |
| AEI2013 | Utilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather conditions. | Original | no | no | Rush | Robert | MD | Madigan Army Medical Center | X | X | X | X | X | | | | | | |
| AEI2013 | Using Video Motion Analysis to Quantify Technical Performance | Original | yes | yes | Glärner | Carly | MD | University of Wisconsin | X | | X | | | X | | | | | |
| AEI2013 | Utilization of Operating Room Simulation to Enhance Surgical Resident Participation in the Surgical Timeout Checklists | Original | no | no | Dominguez | Edward | MD | Riverside Surgical Associates | X | X | X | | | X | | | | | |
| AEI2014 | A Model Curriculum of Immersive Simulation of Airway Emergencies to Enhance Professionalism in Resident Education | Work in Progress | no | no | Blood | Angela | MPH, MBA | University of Chicago | X | X | X | | | | | | | | |
| AEI2014 | A Novel Educational Module for Subclavian Venous Catheter Placement Using Ultrasound Guidance | Original | no | no | Bayci | Andrew | MD | Beaumont Health System | X | X | | | | X | X | | | | |
| AEI2014 | A Randomized Controlled Study to Evaluate the Role of Video-Based Coaching in Training Laparoscopic Skills | Original | yes | no | Singh | Pritam | MB, BS, MA, MRCS | Imperial College London | X | X | X | X | X | X | | | | | |
| AEI2014 | A surgical educators armamentarium: Using Jeopardy to assess residents' retention and improvement of medical knowledge | Original | no | no | Abdelsattar | Jad | MB, BS | Mayo Clinic Rochester | X | X | X | X | | | | | | | |
| AEI2014 | Assessment of subjects without experience in minimal access surgery performing a suture task at da Vinci robot | Original | no | no | Moglia | Andrea | PhD | EndoCAS | X | X | X | | | | | | | | |
| AEI2014 | Complications Related to Chest Tube Placement at the Mayo Clinic and a Plan for Quality Improvement | Original | no | no | Ruparel | Raaj | MD | Mayo Clinic Rochester | X | X | | X | X | X | | | | | |
| AEI2014 | Design of a Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery | Original | yes | no | Beyer-Berjot | Laura | MD | Imperial College London | X | X | X | | | X | | | | | |
| AEI2014 | Development and implementation of a clinical pathway approach to simulation-based training for foregut surgery | Original | no | no | Miyasaka | Kiyoyuki | MD | University of Pennsylvania | X | X | | X | | | | | | | |
| AEI2014 | Emergency Medical Simulation Training for the General Dental Resident | Descriptive | no | no | Young | Andrew | DDS, DNB | UT Center for Advanced Medical Simulation/UTMCK | X | X | | | | X | | | | | |
| AEI2014 | Enhancing Interprofessional Collaboration through Simulation-Based Team Training in Clinical Oncology | Original | no | no | James | Ted | MD, MS, FACS | University of Vermont | X | X | X | X | X | X | | | | | |
| AEI2014 | Facilitating the Implementation of the ACS/APDS Phase III Skills Curriculum: Training Faculty in the Assessment of Team Skills | Original | yes | no | Hull | Louise | PhD | Imperial College London | X | X | | | | | | | | | |
| AEI2014 | From the Trauma Bay to the ICU: a novel horizontal simulation curriculum for surgical residents | Original | no | no | Miyasaka | Kiyoyuki | MD | University of Pennsylvania | X | X | X | X | X | X | | | | | |
| AEI2014 | Hazard Zones: For Focused Complex Laparoscopic Surgical Skills Training | Original | no | no | Louridas | Marisa | MD | University of Toronto | X | X | | | | X | | | | | |
| AEI2014 | Immersion Training in Simulation Brings Hyper-Realism to Training | Original | yes | no | LaPorta | Anthony | MD, FACS | Rocky Vista University School of Medicine | X | X | X | X | X | X | X | | | | |
| AEI2014 | Implementation and Evaluation of a Comprehensive Simulation-Enhanced Upper GI Training Curriculum in a Large Academic General Surgery Residency Training Program | Original | no | no | Zevin | Boris | MD | University of Toronto | X | X | X | X | | | | | | | |
| AEI2014 | Innovative Approach to Faculty Development Utilizing Simulation | Original | no | no | Zigmont | Jason | PhD | OhioHealth | X | X | | | | X | X | | | | |
| AEI2014 | Intracorporeal Suturing: Transfer from FLS to Cadavers Results in Substantial Increase in Mental Workload | Original | yes | yes | Britt | Rebecca | MD, FACS | EVMS | X | X | X | | | | | | | | |

AEI Consortium Abstracts Since 2008
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| AEI2014 | Maximizing Benefit: Five Strategies for Getting the Most from Your Survey Assessment Instruments | Descriptive | no | no | Barlow | Patrick | BA | UT Center for Advanced Medical Simulation/UTMCK | X | | | X | | | | | | | |
| AEI2014 | Methods for Increasing the Internal Validity of Assessment in Simulation: Lessons Learned in the Applied Perioperative Surgical Simulation Environment | Descriptive | no | no | Heidel | Robert | PhD | UT Center for Advanced Medical Simulation/UTMCK | X | | X | X | | | | | | | |
| AEI2014 | Pediatric inguinal hernia tutorial using simulation. Development and validation of clinical and surgical models | Original | yes | no | Breaud | Jean | PhD | University of Nice | X | X | X | | | | | | | | |
| AEI2014 | Simulating Azygos Vein Ligation - Deliberate Practice is Invaluable | Original | no | no | Rowse | Phillip | MD | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2014 | Surgical care checklists to optimise patient care following post-operative complications | Original | yes | no | Pucher | Philip | MD, MRCS | Imperial College London | X | | | X | | X | | | | | |
| AEI2014 | Surgical Skill Performance Prediction: Application of a Cognitive Model to Laparoscopic Skill Retention Simulation Training | Original | yes | no | Jastrzemski | Tiffany | PhD | Air Force Research Laboratory/Wright-Patterson AFB | X | | X | | | | | | | | |
| AEI2014 | Through the Looking Glass: Comparison of Self-, Peer-, and Observer-based Assessment of Students during Inter-Professional Team Training | Original | no | no | Paige | John | MD, FACS | LSUHSC-New Orleans | X | X | X | X | | X | | | | | |
| AEI2014 | Video Skills Curricula and Simulation: A Synergistic Way to Teach Two-Layered Handsewn Small Bowel Anastomosis | Original | no | no | Rowse | Phillip | MD | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2014 | Who is the Ideal Partner for the Interdisciplinary Training of Surgery Residents? | Original | no | no | Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | Carolinas Healthcare System | X | X | X | X | | X | | | | | |
| AEI2015 | A Novel Mental Skills Curriculum Minimizes Deterioration of Simulator-acquired Skill During Transfer to the Operating Room | Original | no | no | Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | Carolinas Healthcare System | X | X | X | | | | | | | | |
| AEI2015 | A Simulator and two tools: Validation of performance measures from a novel neurosurgery simulator using the current Standards framework | Descriptive | no | yes | Rooney | Deborah | PhD | University of Michigan | X | X | X | | | X | X | | | | |
| AEI2015 | A Stepwise Approach for Simulation-based Curriculum Development for Clinical Skills | Original | no | no | Khamis | Nehal | MD, PhD, MEd | College of Medicine, King Saud University | X | X | X | X | | | | | | | |
| AEI2015 | An examination of the "seductive details effect" in acquisition and transfer of laparoscopic suturing skills | Original | yes | yes | Gardner | Aimee | PhD | UT Southwestern | X | X | X | X | | | | | | | |
| AEI2015 | Basic skills training - black box or high fidelity simulators? | Original | yes | no | Enochsson | Lars | MD, PhD | Karolinska University Hospital | X | X | X | | | | X | | | | |
| AEI2015 | Cadaveric Model for Training and Assessment of Traumatic Wound Management and Hemorrhage | Original | no | no | Reihsen | Troy | | University of Minnesota | X | X | | | | X | X | | | | |
| AEI2015 | Comparing Mechanical Tissue Properties of Simulator, Animal, and Human Tissue | Original | no | no | Somani | Sneha | BS | University of Minnesota | X | X | | X | | | | | | | |
| AEI2015 | Comparing Simulators and Live tissue for life-saving hemorrhage and airway procedures: Evaluation of Critical Failures | Original | yes | no | Sweet | Robert | MD, FACS | University of Minnesota/SimPORTAL | X | X | X | | | | | | | | |
| AEI2015 | CORNERSTONE: Implementing Universal Patient Safety Checklist Discipline During the First Year of Medical School | Original | yes | no | Moorman | Matthew | MD, FACS | Cleveland Clinic | X | X | | X | | X | | | | | |
| AEI2015 | Dedicated Two Week Proficiency-based Simulation Curriculum for Surgical Residents | Work in Progress | no | no | Tanaka | Ryota | MD, PhD | Grainger (NorthShore University) | X | X | X | | | | X | | | | |
| AEI2015 | Developing a Coaching Mechanism for Practicing Surgeons | Original | no | yes | Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | Carolinas Healthcare System | X | X | X | | | X | X | | | | |
| AEI2015 | Development of an evidence-based virtual reality training curriculum for laparoscopic hysterectomy | Original | yes | no | Crochet | Patrice | MD | Assistance Publique des Hopitaux de Marseille | X | | X | | | | X | | | | |
| AEI2015 | Do Teamwork and Communication Concepts Learned in the Simulated Environment Transfer to the Trauma Bay? | Original | no | no | Bourgeois | Darlene | MSN, RN | Lahey Health System | X | X | X | X | | | | | | | |

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| AEI2015 | Emergency Medical Simulation Training for the General Dental Resident | Original | no | no | Balderson | Chelsea | DDS, DNB | University of Tennessee Knoxville | X | X | X | | X | | | | | |
| AEI2015 | Eye-Gaze Strategies Affect Performance on Arthroscopic Simulators | Original | yes | no | LeBlanc | Justin | MD, FRCSC | University of Calgary (University of Toronto) | X | X | X | | | | | | | |
| AEI2015 | Faculty Development Practices at ACS AEI's Identifying Learning Needs through Analysis of Coaching Profiles in Laparoscopic Bariatric Surgery | Research Idea | no | no | Cooper | Jeffrey | PhD | ACS AEI Faculty Development Committee Study Paper | X | X | | | | | | | | |
| AEI2015 | Immersion Team Training In Realistic Environment Improves Performance In Trauma Resuscitation | Original | no | yes | Siriratsivawong | Kris | MD | University of Toronto United States Medical Corps. (Naval Medical Center San Diego) | X | X | X | X | X | | | | | |
| AEI2015 | New Longitudinal Procedure-Specific Curriculum for Minimally Invasive Surgery Skills Training and Retention | Original | no | no | Derevianko | Alexandre | MD, MA | Grainger (NorthShore University) | X | X | X | | | | | | | |
| AEI2015 | Observational Learning During Simulation-based Training In Arthroscopy: Is It Useful To Novices? | Original | no | no | LeBel | Marie-Eve | MD, MHPE, FRCSC | University of Western Ontario | X | X | X | | | | | | | |
| AEI2015 | Patient Specific Simulation for Aortic Surgery Pre-procedural training | Original | no | no | Lachapelle | Kevin | MD, FACS, FRCSC | McGill University | X | X | | | | | | | | |
| AEI2015 | Preliminary results of our simulation-based experience on the management of "blue codes" and emergent open conversion in the robotic operating room | Original | no | no | Gangemi | Antonio | MD | UIC | X | X | | X | X | | | | | |
| AEI2015 | Pressurized Cadaver Flow Model (PCM): a Novel Model for Endovascular Surgical Training | Descriptive | yes | no | Ayers | Joseph | MD | Navy Medical Center San Diego | X | X | | | | | | | | |
| AEI2015 | Simulation-based Training for Safety Incidents: Lessons from Analysis of Adverse Events in Robotic Surgical Systems | Work in Progress | yes | no | Raman | Jaishankar | MD | Rush University Medical Center (University of Chicago) | X | X | | | X | | | | | |
| AEI2015 | Student Perceptions of a Simulation-Based Surgery Clerkship Flipped Classroom | Original | no | yes | Liebert | Cara | MD | Stanford University | X | X | | X | X | | | | | |
| AEI2015 | Surgical Skills Simulation Workshops Enhance the Effectiveness of Surgical Interest Groups | Descriptive | no | no | Harmon | James | MD, PhD | University of Minnesota | X | X | | | | | | | | |
| AEI2015 | Teaching Professionalism in Graduate Medical Education: What is the Role of Simulation? | Work in Progress | yes | yes | Wali | Eisha | BS | Case Western | X | X | | X | | | | | | |
| AEI2015 | Teaching With Technology – What Do Millennial Learners Need? | Original | no | np | Cody Thomas | Meredith | BA | Lahey Health System | X | | | | | | | | | |
| AEI2015 | The changing role of the surgical skills laboratory in the MIS training of general surgery residents: from a "cherry picking" approach to a standardized, proficiency-based curriculum | Original | no | no | Gangemi | Antonio | MD | UIC | X | X | X | X | | X | | | | |
| AEI2015 | The Correlation of Salivary Cortisol and Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and Medical Student Training | Original | yes | no | LaPorta | Anthony | MD, FACS | Rocky Vista University School of Medicine | X | X | X | X | | | | | | |
| AEI2015 | The Creation of PGY Level Specific FLS Proficiency Benchmarks Allows for Longitudinal Tracking of Multiple General Surgery Milestones Domains | Descriptive | no | no | Spight | Donn | MD, FACS | VirtuOHSU | X | X | X | | | | | | | |
| AEI2015 | What would be the Role of Haptics if Incorporated in Robotic Surgery? | Original | no | no | Luciano | Cristian | PhD | UIC | X | X | X | | | X | | | | |
| AEI2016 | A Flexible Platform for Building Cumulative Milestone-Based Surgical Resident Portfolios | Descriptive | no | no | Khatri | Avni | BS | MGH | X | | X | X | | | | | | |
| AEI2016 | Direct Anterior Approach THA Course Curriculum: An Interprofessional and Experiential Learning Model | Work in Progress | no | no | Murphy | Lara | DPM, BSc(Hons) | CSTAR | X | | | | | | | | | |
| AEI2016 | Do Non-Technical Skills Improve with Technical Skills Training? A Comparison of Non-Technical Skills Rating and Operative Performance Rating in Simulation | Original | no | no | Raghavendra | Rao | MD | University of Pennsylvania | X | | X | X | | | | | | |

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| | | | | | | | | | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | |
| AEI2016 | Interprofessional Collaboration Facilitates Enhancements of a Preparation for Internship Curriculum | Original | no | no | Bauman | Brent | MD | University of Minnesota | X | | X | X | | | | | | | |
| AEI2016 | Inter-professional Education and Simulation to Improve Knowledge Retention of CAUTI | Original | no | no | Graing | Paula | DNP, RN | INOVA Health System | X | | X | X | | | | | | | |
| AEI2016 | Loss of skill retention of Intra-osseous catheter placement among residents over time | Original | no | no | Chung | Rex | MD | Cedars Sinai | X | | X | X | | | | | | | |
| AEI2016 | Measuring the Tools of the Future: How Will We Tell the Effectiveness of Training | Original | yes | no | LaPorta | Anthony | MD, FACS | Rocky Vista University School of Medicine | X | | X | X | X | | | | | | |
| AEI2016 | Modern Paradigms in Surgical Training – An International Qualitative Study to Determine Factors Affecting the Implementation of Simulation-based Training Programmes | Original | no | no | Hosny | Shady | MB, BS, BSc(Hons), MRCS | Imperial College London | X | | | | | X | | | | | |
| AEI2016 | Peroral Endoscopic Myotomy Curriculum For The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms | Original | no | no | Wang | Andrew | MD | Naval Med Ctr San Diego | X | | | | | | | | | | |
| AEI2016 | Safe Adoption Of Robotic Training In Residency With a Fundamentals Of Robotic Surgery Curriculum -A 5 Year Experience In a Military Institution | Original | no | no | Albert | Alwin | MD | Naval Med Ctr San Diego | X | | X | X | | | | | | | |
| AEI2016 | Serving Up Your Service: How Can YOU Assess Your Trainees? | Descriptive | no | no | Gas | Becca | BS | Mayo Clinic Rochester | X | | X | X | | | | | | | |
| AEI2016 | STOMP- Skills Training for Operational Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns | Original | no | no | Polk | Travis | MD, FACS | Naval Med Ctr Portsmouth | X | | | | | | | | | | |
| AEI2016 | Trainee Impressions of Instructor Expertise in Surgical Simulation and Education | Original | no | no | Pandian | TK | MD, MPH | Mayo Clinic Rochester | X | | X | X | | | | | | | |
| AEI2017 | A Comparison of Rotation-Integration and Block-time Integration of the ACS/APDS Surgical Skills Curriculum | Work in Progress | no | no | Ormond | George | MD | University of Vermont | X | X | X | X | | | | | | | |
| AEI2017 | A Comprehensive Surgical Simulation Laboratory Improves Student Preparation for Surgical Internship | Descriptive | no | no | Sundin | Andrew | MD | University of Minnesota | X | X | X | | | | | | | | |
| AEI2017 | A novel platform for simulation in transanal robotic surgery | Descriptive | no | no | Andolfi | Ciro | MD | University of Chicago | X | | | | | | | | | | |
| AEI2017 | Conflicting Opinions on the Use of Simulation for Nontechnical Skill Development at the Onset of Residency Training | Original | no | no | Wagner | Natalie | BSc(Hons) | McMaster University | X | X | | | | | | | | | |
| AEI2017 | Designing and Evaluating an Interpersonal and Communication Skills Curriculum Incorporating ACGME General Surgery Milestones: Opportunities and Challenges in Simulation-Based Approaches | Work in Progress | no | no | Huffstutter | Paul | MD, FACS | UTCAMS | X | X | X | X | | | | | | | |
| AEI2017 | Development of In-Situ Simulation Lab for Training Gynecology Residents in Basic Laparoscopic and Hysteroscopic Operative Skills | Descriptive | no | no | Molina | Maria | MD | San Antonio Military Medical Center | X | X | | | | | | | | | |
| AEI2017 | Improving cross specialty recognition of atypical skin lesions through experiential learning | Other | no | no | Garon | Jeffrey | MD, BA | Conemaugh Memorial Hospital | X | X | | | | X | | | | | |
| AEI2017 | Increasing survival of healthcare personnel during an active shooter attack: Establishing Face Validity of an interactive simulation training as a better teaching modality | Work in Progress | no | no | Molina | Marcos | MD | University of Minnesota | X | | | | | | | | | | |
| AEI2017 | Instituting a Surgical Skills Competition Increases Technical Performance of Surgical Clerkship Students Over Time | Original | no | no | Leraas | Harold | MA, BS | Duke University | X | | | | | | | | | | |
| AEI2017 | Intensive, Integrated Pre-clinical Surgical Immersion Curriculum for Early Exposure to Surgery | Work in Progress | no | no | Hasty | Brittany | MD | Stanford University | X | | X | | | | | | | | |

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| AEI2017 | Multiple Simulation Modalities Enhanced a Preparation for Surgical Internship Course | Original | no | no | Bauman | Brent | MD | University of Minnesota | X | X | | | | | | | | | |
| AEI2017 | Operating Room Crisis Checklists: Development of Simulation Training | Work in Progress | no | no | Trickey | Amber | PhD, MS | INOVA | X | | | | X | | | | | | |
| AEI2017 | Outcomes Following Introduction of a Standardized Process To Improve Transitions of Care in a Surgical Practice | Original | no | no | AlJamal | Yazan | MD | Mayo Clinic Rochester | X | | | X | X | X | | | | | |
| AEI2017 | Performance on a Physical Endoscopic Simulation Platform Predicts Performance on the Fundamentals of Endoscopic Surgery (FES) Manual Skills Exam | Original | yes | no | Taylor | Zachary | DO | USU | X | | X | | | | | | | | |
| AEI2017 | Point-of-care Bedside Ultrasound Training: Expansion within a Surgical Internship Preparation Curriculum | Descriptive | no | no | Vakayil | Victor | MB, BS | University of Minnesota | X | X | X | X | | | | | | | |
| AEI2017 | Sepsis Training using Interactive Virtual Reality (IVR) | Original | yes | no | Sankaran | Naveen Kumar | MS | University of Illinois-Urbana | X | X | X | X | | | | | | | |
| AEI2017 | Simulation Training Improves Surgical Resident Comfort with Airway Management | Original | no | no | Ritter | Kaitlin | MD | Cleveland Clinic | X | | | | | | | | | | |
| AEI2017 | Successful Computerizing the ATLS® Post-Test: Outcome of an AEI Multisite Study | Original | yes | no | Telford | Britany | BS | CAMLS | X | | X | | | | | | | | |
| AEI2017 | Team-based Simulations for New Surgeons: Does Early and Often make a Difference?□ | Original | yes | yes | AbdelFattah | Kareem | MD | UT Southwestern | X | | | | | | | | | | |
| AEI2017 | The Development and Implementation of a Pressurized Cadaver Simulation Curriculum | Descriptive | no | no | Minneti | Michael | BS | USC | X | | X | | | | | | | | |
| AEI2017 | The Use of Virtual Reality Simulators in Laparoscopic Colectomy Training | Original | no | no | Mavrantonis | Konstantinos | MD, PhD, FACS | Hygeia Hospital | X | X | | X | | | | | | | |
| AEI2017 | Trauma Team Performance Training: Development and Pilot of and Interprofessional Monthly Simulation on the Trauma Service | Work in Progress | no | no | Aulet | Tess | MD | University of Vermont | X | | | | | | | | | | |
| AEI2017 | Using 3-D Anatomy Models Facilitates Cross-sectional Radiological Anatomy Learning for Surgery Residents: a randomized controlled crossover trial□ | Work in Progress | no | no | Cardenas | Francisco | MD | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2018 | A Robotic Surgical Curriculum for Chief Resident Exposure and Experience | Poster Presentation | no | no | Meara | Michael | MD, FACS | The Ohio State University Wexner Medical Center | X | X | | X | | | | | | | |
| AEI2018 | ACS Fundamentals of Surgery Curriculum®: Using Cognitive Simulation to Develop Critical Thinking Skills in Residents | Poster Presentation | no | no | Hebert | James | MD, FACS | American College of Surgeons | X | X | | | | | | | | | |
| AEI2018 | Assessing Quality and Resources During Campus-wide Simulation Integration | Poster Presentation | no | no | Weis | Joshua | MD | UT Southwestern | X | | | | | | | | | | |
| AEI2018 | Challenges for Maintaining Professionalism When Faced with Patient Discrimination and Harassment by Patients/Caregivers | Innovative Techniques | no | no | Cappaert | Melissa | MA | University of Chicago Medicine | X | | | | | | | | | | |
| AEI2018 | Competence-based Mastery Learning for Chest Tube Placement: A Study of Anxiety, Confidence, and Performance | Original Paper | no | yes | Velic | Andrew | BS | UWSMPH | X | X | | | | | | | | | |
| AEI2018 | Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed Surgical Simulator | Innovative Techniques | no | no | Reighard | Chelsea | MS | University of Michigan | X | X | | X | | | | | | | |
| AEI2018 | Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students | Poster Presentation | no | no | Jasper | Edward | MD, MPH | Thomas Jefferson University | X | | | | | | | | | | |
| AEI2018 | Development, Implementation, and Evaluation of a Competency-Based Urology Bootcamp for Training First-year Urology Residents, A Prospective Cohort Pilot Study with Historical Controls | Innovative Techniques | yes | no | Wang | Yuding | MD | McMaster University | X | | | | | | | | | | |
| AEI2018 | Does Participation in Case-based Cadaver Labs that Include Both Meta-cognitive and Technical Skills Correlate with Trainees' Performance on Surgical Exams and Preceptors' Evaluations? | Poster Presentation | no | no | Haynes | Susan | MS, MEd | Virginia Commonwealth University | X | | | | | | | | | | |

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| AEI2018 | Effects of Sequential, Supervised Simulation Training on the Acquisition and Long-term Retention of Vascular Surgical Skills | Innovative Techniques | no | no | Lyle | Cara | MD | West Virginia University Hospitals | X | X | | | | | X | | | | | |
| AEI2018 | Efficacy of Simulation-Based Training for Laparoscopic Intraoperative Cholangiography | Innovative Techniques | no | no | Sbrocchi | Tyler | MD | Riverside Methodist Hospital | X | X | | | | | | | | | | |
| AEI2018 | Implementation and Evaluation of a Comprehensive Proficiency-Based Upper GI Curriculum: A Multi-Institutional Canadian Experience | Poster Presentation | yes | no | Zevin | Boris | MD, PhD, FRCS | Queen's University | X | X | | | | | | | | | | |
| AEI2018 | Low Fidelity Materials Yield High Resolution Assessment of Anatomical Knowledge... Really? Mental Skills Training Limits Operative Skill Decay Under Stressful Conditions: Results of a Multi-Site Randomized Controlled Study | Original Paper | no | yes | Saleem | Humza | MD | Mayo Clinic Rochester | X | | X | | | | | | | | | |
| AEI2018 | Michigan Hip Curriculum: Early evaluation of a new curriculum for diagnosis of developmental hip dysplasia | Poster Presentation | yes | no | Anton | Nicholas | MS | Indiana University School of Medicine | X | | | | | | | | | | | |
| AEI2018 | Modernizing educational paradigms by integrating surgical simulation across surgical specialties | Innovative Techniques | no | no | Rooney | Deborah | PhD | University of Michigan | X | | | | | | | | | | | |
| AEI2018 | Should the American Board of Surgery (ABS) Require Ultrasound Education Program for General Surgery Certification? | Poster Presentation | no | no | Siparsky | Nicole | MD | Rush University Medical Center | X | | | | | | | | | | | |
| AEI2018 | The Use of Virtual Humans in a Simulated OR for Surgical Education | Poster Presentation | no | no | Agapian | John | MD, FACS, FCCM | University of California, Riverside/RUHS | X | | | | | | | | | | | |
| AEI2018 | Tissue Morcellation: A Simulation Curriculum for Gynecology Residents | Innovative Techniques | yes | no | Menard | Josue | MD | University of Florida, Jacksonville | X | | | | | | | | | | | |
| AEI2018 | Use of Innovative Approaches to Create a Specialty Specific Urology Skills Program | Poster Presentation | yes | no | Delgado | Stephanie | MD | Boston Medical Center | X | X | | | | | | | | | | Innovative Techniques |
| AEI2018 | A Laboratory Model for Ureteroneocystostomy | Poster Presentation | yes | no | Lewis | Barbara | MS, RN | University of Wisconsin | X | | | | | | | | | | | |
| AEI2019 | A Laboratory Model for Ureteroneocystostomy | Poster Presentation | no | no | Patrick | McKenna | MD, FACS, FAAP | University of Wisconsin | X | | | | | | | | | | | |
| AEI2019 | A prospective, Randomised, Controlled Trial assessing the rate of decay of virtual reality colonoscopy (psychomotor) skill | Poster Presentation | yes | no | Yash | Verma | MBBS/Bsc | Queen Elizabeth Hospital, Birmingham | X | | X | | | | | | | | | Rate of decay of psychomotor skill (by extension surgical skill) using VR colonoscopy simulator. |
| AEI2019 | Analysis of General Surgery Intern Performance on Simulation-Based Anatomy Examinations | Poster Presentation | no | no | Abhishek | Chandra | BA | Mayo Clinic Rochester | X | X | X | | | | | | | | | |
| AEI2019 | Development and Evaluation of a Low-Cost Laparoscopic Cholecystectomy Simulation Model | Poster Presentation | no | no | Rafael | Azevedo | MD | Mayo Clinic Rochester | X | X | | | | | | | | | | |
| AEI2019 | Development of a Breast Abscess Management Curriculum | Innovative Techniques | no | no | Amanda | Phares | MD | University of California, Davis | X | | | | | | | | | | | |
| AEI2019 | Development of a Laparoscopic Trocar Placement Simulation Model: A Preliminary Evaluation | Poster Presentation | no | no | Edward | Walczak | BS | University of Minnesota Medical School | X | | | | | | | | | | | Simulation Model |
| AEI2019 | Does Variability Among Surgical Skills Diminish Throughout Residency Training? Analysis of a 5-Task Surgical Simulation Curriculum Starting Day 1. | Poster Presentation | yes | yes | Jessica | Limberg | MD | NYP-Weill Cornell Medical Center | X | X | X | | | | | | | | | |
| AEI2019 | Expansion of Surgical Simulation Through the Development of Economic Laparoscopic Simulators and Student-run Organizations | Original Paper | yes | no | Jordan | Baechle | BS | Meharry Medical College | X | X | | | | | | | | | | |
| AEI2019 | Feasibility of a Simulation-Based Elective in Robotic and Minimally Invasive Surgery for Medical Students | Poster Presentation | no | no | Sophia | Roberts | BS | The Ohio State University Medical Center | X | | | | | | | | | | | |

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Abstract Type Key: Descriptive, NA, Non-AEI, Original, Research Idea and Work in Progress (2008-2017);
 Innovative Techniques, Original Paper and Poster Presentation (2018-Current)

| Abstract Year | Abstract Title | Type of Abstract | Multi-Institutional Study | Manuscript Published in Surgery | Last Name | First Name | Credentials | Institute | Categories of Research | | | | | | | | | | |
|---------------|---|---------------------|---------------------------|---------------------------------|------------|------------|---------------------|--|------------------------|------------------|---------------------|---------------------|----------------|-------------------|---------------|-----------|----------------|-------|---|
| | | | | | | | | | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | |
| AEI2019 | Grouped-based Video Feedback is as Effective and More Efficient than Personalized Video Feedback for Enhancing Skills of Surgical Interns | Original Paper | no | no | Yazan | AJ Jamal | MD | Mayo Clinic Rochester | X | | X | | | | | | | | |
| AEI2019 | Implementation of the Structured Training for Endovascular Techniques (STENT) Curriculum | Poster Presentation | no | no | Morgan | Cox | MD, MHS | Duke University | X | | | | | | | | | | |
| AEI2019 | Knot-tying Struggles for Surgical Interns: Bare Hands vs. Gloves vs. Gloves with Butter | Original Paper | no | no | Nizamuddin | Shaikh | MBBS | Mayo Clinic Rochester | X | X | X | | | | | | | | |
| AEI2019 | Medical Student Perception and Confidence in Informed Consent, A Core EPA | Original Paper | no | yes | Tiffany | Anderson | MD | Stanford University | X | | | | | | | | | | |
| AEI2019 | Resident Opinions of the Value and Optimal Content of a Technical Skills Curriculum using Simulation | Poster Presentation | no | no | Robert | Naples | DO | Cleveland Clinic | X | | | | | | | | | | |
| AEI2019 | Surgical Games: A Simulation-Based Structured Assessment of Orthopaedic Surgery Resident Technical Skill | Original Paper | no | no | Jason | Blevins | MD | Hospital for Special Surgery | X | | X | | | | | | | | Surgical skills assessment and simulator training |
| AEI2019 | Training Multidisciplinary Teams in Nontechnical Skills and OR Safety Using Simulation Based Training | Poster Presentation | no | no | Katherine | Jackson | MD | University of Rochester Medical Center | X | X | | | | X | | | | | |
| AEI2019 | Using a Simulation Based Curriculum to Teach General Surgeons Obstetric & Gynecological Skills | Poster Presentation | no | no | Donald | Delorey | PHD | Naval Medical Center Portsmouth | X | | | | | | | | | | |
| AEI2019 | Using Causal Models in Psychomotor Performance Assessment | Original Paper | no | no | Alex | Otto | BA | University of Minnesota Medical School | X | X | X | | | | | | | | |
| AEI2019 | What should we teach in a general surgery simulation curriculum? A faculty and resident needs assessment | Poster Presentation | yes | no | Karen | Dickinson | MBBS, MSc, MD, FRCS | MITIE | X | | | | | | | | | | |