

AEI Consortium Abstracts Since 2008
Abstracts by Author

Please note, TBD=To Be Determined and NA=Not Available

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | |
| AbdelFattah | Kareem | MD | AEI2017 | Team-based Simulations for New Surgeons: Does Early and Often make a Difference? □ | Original | UT Southwestern | yes | yes | X | | | | | | | | | | |
| Abdelrahman | Amro | MBBS | AEI2018 | Laparoscopic Peg Transfer Simulation Tasks with Two Difficulty Levels: Analysis of Two Years Interns' Performance and Workload | Original Paper | Mayo Clinic Rochester | yes | no | | | | X | | | | | | | |
| Abdelsattar | Jad | MB, BS | AEI2014 | A surgical educators armamentarium: Using Jeopardy to assess residents' retention and improvement of medical knowledge | Original | Mayo Clinic Rochester | no | no | X | X | X | X | | | | | | | |
| Aboud | Emad | MD | AEI2016 | "Live Cadaver" A realistic training model for practicing neurovascular procedures & Enhancing surgical skills | Descriptive | Arkansas Neuroscience Institute | no | no | | | | | | | | | | | |
| Acharya | Amish | BSc | AEI2012 | Transfer Effectiveness for a Virtual Reality Laparoscopic Appendectomy Curriculum | Original | Imperial College London | yes | no | X | X | | | X | | | | | | |
| Agapian | John | MD, FACS, FCCM | AEI2018 | Should the American Board of Surgery (ABS) Require Ultrasound Education Program for General Surgery Certification? | Poster Presentation | University of California, Riverside/RUHS | no | no | X | | | | | | | | | | |
| Aggarwal | Rajesh | MD, PhD, MA, FRCS | AEI2008 | A Multi-Disciplinary Approach to Innovation in Surgical Education | NA | Imperial College London | no | no | | | | | X | | | | | | |
| Aggarwal | Rajesh | MD, PhD, MA, FRCS | AEI2008 | Imperial College Competency Assessment Tool (ICCAT) | NA | Imperial College London | no | no | | | | | X | | | | | | |
| Aggarwal | Rajesh | MD, PhD, MA, FRCS | AEI2011 | Prediction of Future Performance in Minimally Invasive Surgery – A Tool for Surgical Selection | Original | Imperial College London | no | no | | | X | X | | | | | | | |
| Aggarwal | Rajesh | MD, MA, PhD, MRCS | AEI2011 | Simulation for Operative Laparoscopic skill Advancement of Residents (SOLAR): A Global Study | Original Paper | Imperial College London | no | no | X | X | X | X | | | | | | | |
| Ahuja | Vanita | MD, MPH, MBA | AEI2017 | Team Based Simulation: Another Tool to Teach Operating Room Fire Safety | Descriptive | Lifebridge Health Sinai Hospital | yes | no | | | | | | X | | | | | |
| Ahuja | Vanita | MD, MPH, MBA | AEI2018 | Development of a sustainable simulation-based training curriculum in a community-based teaching program: scenarios, benefits, and implications. | Poster Presentation | Sinai Hospital of Baltimore | yes | no | | X | | | | X | | | | | |
| Al Abri | Qasim | MD | AEI2018 | Force during Simulation-Based Orotracheal Intubation is predictive of Clinical Competency | Poster Presentation | McGill University | no | no | | | | | | | | | | | Objective Assessment |
| Albert | Alwin | MD | AEI2016 | Safe Adoption Of Robotic Training In Residency With a Fundamentals Of Robotic Surgery Curriculum -A 5 Year Experience In a Military Institution | Original | Naval Med Ctr San Diego | no | no | X | | | X | X | | | | | | |
| Alexis | Marnelle | EdD | AEI2008 | Collaboration: Key to the Evolution of Surgical Education | NA | Duke University Medical Center | no | no | | | X | | | | | | | | |
| Ali | Noaman | MD | AEI2011 | Data-Driven Optimization of Surgeon Skills for Enhanced Training, Simulation, and Assessment | Work in Progress | Beaumont Health System | yes | no | | | X | | | | | | | | |
| Ali | Noaman | MD | 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 | Beaumont Health System | no | no | X | X | X | | | X | | | | | |
| Ali | Shahzad | MD | AEI2012 | Adding Audio-Visual On-line Learning to a Surgery Simulation Curriculum Will Decrease Cognitive Load and Facilitate Learning for Surgical Interns. | Original | Mayo Clinic Rochester | no | no | X | X | X | | | | X | | | | |
| AlJamal | Yazan | MD | AEI2013 | The Rationale for Combining Surgical Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater Resident Engagement and Satisfaction | Original | Mayo Clinic Rochester | no | yes | X | X | X | X | | | | | | | |

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| AlJamal | Yazan | MB, BS | AEI2016 | Cadaveric Dissection vs. Homemade Model: What is the Best Way to Teach Endoscopic Totally Extraperitoneal Inguinal Hernia Repair? | Original | Mayo Clinic Rochester | no | no | | | | | X | X | | | | | | | |
| AlJamal | Yazan | MD | AEI2017 | Outcomes Following Introduction of a Standardized Process To Improve Transitions of Care in a Surgical Practice | Original | Mayo Clinic Rochester | no | no | X | | | | | X | X | | | | | | |
| AlJamal | Yazan | MD | AEI2018 | Surgical Interns in 2017: Objective Assessment Suggests they are Better but Still DANGEROUS | Original Paper | Mayo Clinic Rochester | no | yes | | | | | X | X | | | | | | | |
| AlJamal | Yazan | MD | AEI2019 | Grouped-based Video Feedback is as Effective and More Efficient than Personalized Video Feedback for Enhancing Skills of Surgical Interns | Original Paper | Mayo Clinic Rochester | no | no | X | | | | X | | | | | | | | |
| Alterman | Daniel | MD | AEI2010 | Assessment of the core competencies in general surgery residents: A single institution experience | Non-AEI | UT Center for Advanced Medical Simulation/UTMCK | no | no | | | | | X | X | | | X | | | | |
| Anderson | Tiffany | MD | AEI2019 | Medical Student Perception and Confidence in Informed Consent, A Core EPA | Original Paper | Stanford University | no | yes | X | | | | | | | | | | | | |
| Andolfi | Ciro | MD | AEI2016 | Innovations In 3D Modeling And Surgical Planning In General Surgery | Work in Progress | University of Chicago | no | no | | | | | X | X | X | | | | | | |
| Andolfi | Ciro | MD | AEI2017 | A novel platform for simulation in transanal robotic surgery | Descriptive | University of Chicago | no | no | X | | | | | | | | | | | | |
| Andreatta | Pamela | EdD, MFA, MA | AEI2009 | Healthcare Teams Typology | NA | University of Michigan | no | no | | | | | | | | | | | | X | |
| Andreatta | Pamela | EdD, MFA, MA | AEI2009 | The Impact of Stress Factors in Simulation-based Laparoscopic Training" | NA | University of Michigan | no | yes | | | | | | | | | | | | X | |
| Andreatta | Pamela | EdD, MFA, MA | AEI2010 | Simulation-based mock code curriculum correlates with increased pediatric CPA survival rates | Original | University of Michigan | no | no | X | X | | | X | X | X | | | | | | |
| Andreatta | Pamela | EdD, MFA, MA | AEI2010 | Simulation-based training improves applied clinical placement of ultra-sound guided PICCs | Original | University of Michigan | no | no | | X | X | | | X | X | | | | | | |
| Andreatta | Pamela | PhD | AEI2011 | Interdisciplinary team training identified significant discrepancies between institutional policies and clinical practice | Descriptive | University of Michigan | no | no | | | | | | X | X | | | | | | |
| Andreatta | Pamela | PhD | AEI2011 | Interdisciplinary team training led to successful management of a rare Obstetric emergency | Original | University of Michigan | no | no | | X | | | X | X | X | | | | | | |
| Andreatta | Pamela | PhD | AEI2011 | Low-Hanging Fruit: Using Clementines for laparoscopic surgery training in gynecological oncology | Original | University of Michigan | no | no | X | X | X | | | X | X | | | | | | |
| Andreatta | Pamela | PhD | AEI2011 | Simulator leads to clinical practice changes for bimanual uterine compression to control | Descriptive | University of Michigan | no | no | | X | | | X | | | | | | | | |
| Andreatta | Pamela | PhD | AEI2011 | Sticky Situations: Using foam stickers for precision and tissue handling in laparoscopic training | Original | University of Michigan | no | no | X | X | X | | | | | | | | | | |
| Anteby | Roi | BS | AEI2019 | Experienced Surgeons Versus Novice Residents: Validating a Novel Knot Tying Simulator for Vessel Ligation | Poster Presentation | Tel Aviv University | yes | yes | | | | | | | | | | | | | Validation of a novel simulator |
| Anton | Nicholas | MS | AEI2018 | Current Research Priorities in Surgical Simulation | Original Paper | Indiana University School of Medicine | yes | yes | | | | | | | | | | | | | Needs Assessment |
| Anton | Nicholas | MS | AEI2018 | Mental Skills Training Limits Operative Skill Decay Under Stressful Conditions: Results of a Multi-Site Randomized Controlled Study | Poster Presentation | Indiana University School of Medicine | yes | no | X | | | | | | | | | | | | |
| Anwer | Shumaila | MS | AEI2017 | Development of Amputation Training Model for Surgical Skills Workshops | Original | University of Minnesota | no | no | | | | | X | X | | | | | | | |
| Arora | Anjali | MD | AEI2011 | Anatomy-focused videos to supplement surgical curriculum | Descriptive | EVMS | no | no | X | X | X | | | X | X | | | | | | |
| Arora | Sonal | MD, PhD | AEI2013 | The Rule of '4s': A Theory-Driven Approach to Implementing Simulation into Surgical Training | Original | Imperial College London | yes | no | X | X | | | | | | | | | | | |

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| Aulet | Tess | MD | AEI2017 | Trauma Team Performance Training: Development and Pilot of and Interprofessional Monthly Simulation on the Trauma Service | Work in Progress | University of Vermont | no | no | X | | | | | | | | | |
| Awad | Michael | MD, PhD | AEI2011 | A Pilot Study on Real-Time Measures of Surgical Motions in Minimally Invasive Surgery | Original | Washington University School of Medicine | no | no | | X | X | | | | | | | |
| Ayers | Joseph | MD | AEI2015 | Pressurized Cadaver Flow Model (PCM): a Novel Model for Endovascular Surgical Training | Descriptive | Navy Medical Center San Diego | yes | no | X | X | | | | | | | | |
| Azevedo | Rafael | MD | AEI2019 | Development and Evaluation of a Low-Cost Laparoscopic Cholecystectomy Simulation Model | Poster Presentation | Mayo Clinic Rochester | no | no | X | X | | | | | | | | |
| Bachman | Sharon | MD, FACS | AEI2016 | Pooling Resources: Creation of a Surgical Bootcamp that Straddles Specialty Lines | Original | INOVA Health System | no | no | | | X | X | | | | | | |
| Backstrom | Courtney | BS | AEI2019 | Development and Evaluation of a Low-Cost Sentinel Lymph Node Model for Axillary Dissection and Biopsy | Innovative Techniques | Mayo Clinic Rochester | no | no | | X | | | | | | | | |
| Baechle | Jordan | BS | AEI2019 | Expansion of Surgical Simulation Through the Development of Economic Laparoscopic Simulators and Student-run Organizations | Original Paper | Meharry Medical College | yes | no | X | X | | | | | | | | |
| Balderson | Chelsea | DDS, DNB | AEI2015 | Emergency Medical Simulation Training for the General Dental Resident | Original | University of Tennessee Knoxville | no | no | X | X | X | | X | | | | | |
| Baloul | Mohamed | MBBS | AEI2018 | Knot Tying: Transforming Novice to Proficient Performance in less than 60 minutes. Can it be done? | Poster Presentation | Mayo Clinic Rochester | no | no | | X | X | | | | | | | |
| Barlow | Patrick | BA | AEI2014 | Maximizing Benefit: Five Strategies for Getting the Most from Your Survey Assessment Instruments | Descriptive | UT Center for Advanced Medical Simulation/UTMCK | no | no | X | | | | X | | | | | |
| Bauman | Brent | MD | AEI2016 | Interprofessional Collaboration Facilitates Enhancements of a Preparation for Internship Curriculum | Original | University of Minnesota | no | no | X | | X | | X | | | | | |
| Bauman | Brent | MD | AEI2017 | Multiple Simulation Modalities Enhanced a Preparation for Surgical Internship Course | Original | University of Minnesota | no | no | X | X | | | | | | | | |
| Bayci | Andrew | MD | AEI2014 | A Novel Educational Module for Subclavian Venous Catheter Placement Using Ultrasound Guidance | Original | Beaumont Health System | no | no | X | X | | | X | X | | | | |
| Beaubien | Jeffrey | PhD | AEI2010 | Using Deliberate Practice to Train Higher-Order Skills in Laparoscopic Surgery | Work in Progress | Beaumont Health System | yes | no | X | X | X | | X | X | | | | |
| Berg | Katherine | MD | AEI2010 | The Use of Simulation Hybrids in Skills Teaching and Assessment | Descriptive | Thomas Jefferson University | no | no | X | X | X | | | | | | | |
| Berg | Katherine | MD | AEI2010 | When Do Physicians Learn Invasive Clinical Skills? | Original | Thomas Jefferson University | no | no | | | X | X | | | | | | |
| Berg | Katherine | MD | AEI2011 | A Curriculum Using Simulation to Teach Interns Paracentesis | Descriptive | Thomas Jefferson University | no | no | X | | | | | | | | | |
| Berg | Katherine | MD | AEI2011 | Are Medical Students Being Taught Invasive Skills Using Simulation? | Descriptive | Thomas Jefferson University | no | no | X | X | X | | | | | | | |
| Beyer-Berjot | Laura | MD | AEI2013 | Advanced Training in Laparoscopic Abdominal Surgery (ATLAS): a Systematic Review | Descriptive | Imperial College London/St. Mary's Hospital | yes | no | | X | | | | | | | | |
| Beyer-Berjot | Laura | MD | AEI2013 | Surgical Training: Design of a Virtual Care Pathway Approach | Descriptive | Imperial College London/St. Mary's Hospital | yes | yes | X | X | | | X | X | | | | |
| Beyer-Berjot | Laura | MD | AEI2014 | Design of a Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery | Original | Imperial College London | yes | no | X | X | X | | | X | | | | |
| Blevins | Jason | MD | AEI2019 | Surgical Games: A Simulation-Based Structured Assessment of Orthopaedic Surgery Resident Technical Skill | Original Paper | Hospital for Special Surgery | no | no | X | | X | | | | | | | Surgical skills assessment and simulator training |
| Blood | Angela | MPH, MBA | AEI2014 | A Model Curriculum of Immersive Simulation of Airway Emergencies to Enhance Professionalism in Resident Education | Work in Progress | University of Chicago | no | no | X | X | X | | | | | | | |

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| Bonanno | Laura | PhDc, DNP, CRNA | AEI2019 | Attitude Adjustment? Impact of Simulation-based, High-fidelity Inter-Professional Team Training on Senior Medical Students' Short-Term Teamwork Attitudes | Poster Presentation | LSU Health New Orleans | no | no | | | | | X | | | | | | Curriculum implementation |
| Bonrath | Esther | MD | AEI2015 | Identifying Learning Needs through Analysis of Coaching Profiles in Laparoscopic Bariatric Surgery | Original | University of Toronto | no | no | X | X | X | | | | | | | | |
| Bourgeois | Darlene | MSN, RN | AEI2013 | An Interdisciplinary Boot Camp Where Interns and Nurses Learn Together | Descriptive | Lahey Health System | no | no | X | X | | | X | | | | | | |
| Bourgeois | Darlene | MSN, RN | AEI2015 | Do Teamwork and Communication Concepts Learned in the Simulated Environment Transfer to the Trauma Bay? | Original | Lahey Health System | no | no | X | X | X | | X | | | | | | |
| Bourgeois | Darlene | MSN, RN | AEI2017 | Optimizing Simulation-Based Interdisciplinary Teamwork Training for Medical and Nursing Students and Evaluating Its Long-term Effects | Original | Lahey Clinic | no | no | | | | | | | | | | | |
| Bourgeois | Darlene | EdD(c), MSN, RN | AEI2019 | The Effects of Team Training Utilizing Simulation and Mindfulness on Colleague Engagement and Patient Satisfaction in the Healthcare Setting | Innovative Techniques | Lahey Hospital & Medical Center | no | no | | | | | | | | | | | Patient satisfaction and colleague engagement |
| Boyer | William | DHSc | AEI2012 | Evaluation of Stress on Laparoscopic Skills of Surgical Residents in Simulation-Based Education | Research Idea | Lehigh Valley Health Network | no | no | | | | | | X | X | | X | | |
| Breaud | Jean | MD, PhD | AEI2012 | Simulation enhances surgery residents opinion on the importance of team working | Original | University of Nice | no | no | | | | | X | | X | | | | |
| Breaud | Jean | PhD | AEI2013 | French language adaptation of the O.S.A.T.S score for a technical skills : methodology and preliminary results of the score adaptation | Research Idea | University of Nice | yes | no | | | | | X | | | | | | |
| Breaud | Jean | PhD | AEI2014 | Pediatric inguinal hernia tutorial using simulation. Development and validation of clinical and surgical models | Original | University of Nice | yes | no | X | X | X | | | | | | | | |
| Brenner | Megan | MD, MS, FACS | AEI2017 | Bridging the Gap between Acute Care Surgeons and Endovascular Techniques: Simulation Training for Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) | Original | University of Maryland | yes | no | | | | | | | | | | | |
| Britt | Rebecca | MD | AEI2013 | Resident Perception of Barriers to Adequate Patient Handoff | Original | EVMS | no | no | X | X | | | | | | | | | |
| Britt | Rebecca | MD, FACS | AEI2014 | Intracorporeal Suturing: Transfer from FLS to Cadavers Results in Substantial Increase in Mental Workload | Original | EVMS | yes | yes | X | X | X | | | | | | | | |
| Britt | Rebecca | MD, FACS | AEI2016 | The Effects of a Retention Interval and Refresher Session on Intracorporeal Suturing Skill and Mental Workload | Original | EVMS | yes | yes | | | X | | X | | | | | | |
| Brown | Daniel | | AEI2010 | Laparoscopic training in the UK | Original | Imperial College London | no | no | | X | | | X | | | | | | |
| Cannon | Todd | | AEI2009 | Phantom-Based Curriculum for Basics of Interventional Ultrasound | NA | University of Washington/ISIS | no | no | | | | | | | | | | X | |
| Cappaert | Melissa | MA | AEI2018 | Challenges for Maintaining Professionalism When Faced with Patient Discrimination and Harassment by Patients/Caregivers | Innovative Techniques | University of Chicago Medicine | no | no | X | | | | | | | | | | |
| Cardenas | Francisco | MD | AEI2017 | Using 3-D Anatomy Models Facilitates Cross-sectional Radiological Anatomy Learning for Surgery Residents: a randomized controlled crossover trial | Work in Progress | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | | |

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| Cardenas Lara | Francisco | MD | AEI2019 | 3-D Anatomy Models Facilitates Cross-sectional Radiological Learning for Surgery Residents: a randomized controlled crossover trial | Poster Presentation | Mayo Clinic Rochester | yes | no | | | | X | | | | | | | |
| Castegren | Markus | MD, PhD | AEI2018 | Will eye tracking video feedback enhance simulator performance? | Poster Presentation | Karolinska University Hospital | yes | no | | | | X | | | | | | | |
| Chandra | Abhishek | BA | AEI2019 | Analysis of General Surgery Intern Performance on Simulation-Based Anatomy Examinations | Poster Presentation | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | | |
| Chandrakaladhar | Ben Selvan | MS | 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 Program. | Original | Penn Medicine Clinical Simulation Center | no | no | X | X | X | X | | | | | | | |
| Chauvin | Sheila | MEd | AEI2008 | LSUHSC-NO Expands Surgical Education through Innovative Developments and Collaborations | NA | LSUHSC-New Orleans | no | no | | | | X | | | | | | | |
| Chipman | Jeffrey | MD, FACS | AEI2009 | Critical Response Simulations: Works in Progress | NA | University of Minnesota/SimPORTAL | no | no | | | | | | | | | | X | |
| Choi | Yong | MD, FACS | AEI2014 | Skills Degradation of Seasoned General Surgeons Subjected to Gaps in Standard Practice Patterns Due to Combat Deployments | Original | Dwight D. Eisenhower Army Medical Center/Fort Gordon | yes | no | | | | | X | | X | X | | | |
| Chotiner | Marie | BA | AEI2015 | The Utility of Electronic Tablets in ATLS Skills Evaluation | Descriptive | CAMLS | yes | no | | | | | X | X | | | | | |
| Chung | Rex | MD | AEI2016 | Loss of skill retention of Intra-osseous catheter placement among residents over time | Original | Cedars Sinai | no | no | X | | | | X | X | | | | | |
| Cody Thomas | Meredith | BA | AEI2015 | Teaching With Technology – What Do Millennial Learners Need? | Original | Lahey Health System | no | np | X | | | | | | | | | | |
| Cooke | James | MD | AEI2017 | AEI best practices: A review of 2011 to present | Original | University of Michigan | yes | yes | | | | | | | | | | | |
| Cooper | Jeffrey | PhD | AEI2009 | A Six-part Program for Teamwork Improvement in Surgery | Work in Progress | Center for Medical Simulation | yes | no | | | | | | | | | | X | |
| Cooper | Jeffrey | PhD | AEI2015 | Faculty Development Practices at ACS AEI's | Research Idea | ACS AEI Faculty Development Committee Study Paper | no | no | X | X | | | | | | | | | |
| Cox | Kristen | | AEI2018 | Laparoscopic Repair of Perforated Peptic Ulcers: A Low Fidelity Simulator and Training Curriculum for Surgical Skill Development | Poster Presentation | University of Minnesota | no | no | | | | X | | | | | | | |
| Cox | Morgan | MD, MHS | AEI2018 | Utilizing Brain Stimulation to Enhance Laparoscopic Technical Skills Training: A Randomized Controlled Trial | Innovative Techniques | Duke University | yes | no | | | | X | | | | | | | |
| Cox | Morgan | MD, MHS | AEI2019 | Implementation of the Structured Training for Endovascular Techniques (STENT) Curriculum | Poster Presentation | Duke University | no | no | X | | | | | | | | | | |
| Cristancho | Sayra | PhD | AEI2011 | Simulation-augmented training program for Off-Pump Coronary Artery Bypass surgery: Developing and validating performance assessments | Original | University of Western Ontario | no | yes | X | | | | X | | X | | | | |
| Crochet | Patrice | MD | AEI2014 | Current Use of Surgical Simulators in Gynecology Across French Academic Schools : a National Survey | Original | Assistance Publique des Hôpitaux de Marseille | yes | no | | | | X | | | | | | | |
| Crochet | Patrice | MD | AEI2015 | Development of an evidence-based virtual reality training curriculum for laparoscopic hysterectomy | Original | Assistance Publique des Hopitaux de Marseille | yes | no | X | | | | X | | X | | | | |
| Curry | Christopher | | AEI2018 | The Role of Posture Assessment Tools in Identifying Trainees' Postures during Surgical Simulation | Original Paper | University of Minnesota/Mayo Clinic | yes | no | | | | X | X | | | | | | |
| DaRosa | Debra | PhD | AEI2009 | A Model for Strengthening Faculty Teaching Effectiveness in a Skills Laboratory | NA | Northwestern University | no | no | | | | | | | | | | X | |

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| DaRosa | Debra | PhD | AEI2009 | Organization of a curriculum Designed to Transfer Learning from skills Lab to Bedside | NA | Northwestern University | no | no | | | | | | | | | | X | | |
| Dawson | David | MD, FACS | AEI2010 | Endovascular Procedure Simulation as an Assessment Tool for Vascular Surgeons | Non-AEI | UC Davis | yes | no | | | | | X | | | | | | | |
| Dedy | Nicholas | MD | AEI2013 | Crew resource management training in surgical residency programs: A survey of North American program directors | Original | St. Michael's Hospital/University of Toronto | no | no | X | X | | | X | | | | | | | |
| Delgado | Stephanie | MD | AEI2018 | Tissue Morcellation: A Simulation Curriculum for Gynecology Residents | Poster Presentation | Boston Medical Center | yes | no | X | X | | | | | | | | | | |
| Delmonico | Theodore | MD | AEI2015 | Creating a Policy Development Methodology Utilizing Simulation and Implementation of an Operating Room Emergency Checklist | Descriptive | Lahey Health System | no | no | | | | | | | X | | | | | |
| Delorey | Donald | PHD | AEI2019 | Using a Simulation Based Curriculum to Teach General Surgeons Obstetric & Gynecological Skills | Poster Presentation | Naval Medical Center Portsmouth | no | no | X | | | | | | | | | | | |
| Derevianko | Alexandre | MD, MA | AEI2015 | New Longitudinal Procedure-Specific Curriculum for Minimally Invasive Surgery Skills Training and Retention | Original | Grainger (NorthShore University) | no | no | X | X | X | | | | | | | | | |
| Dickinson | Karen | MBBS, MSc, MD, FRCS | AEI2019 | What should we teach in a general surgery simulation curriculum? A faculty and resident needs assessment | Poster Presentation | MITIE | yes | no | X | | | | | | | | | | | |
| Doiron | Robert | MD | AEI2017 | Successful Implementation and Improvements Identified with in-situ Simulated Resuscitation Cases | Work in Progress | UC Davis | no | no | | | | | | | X | | | | | |
| Dominguez | Edward | MD | AEI2013 | Utilization of Operating Room Simulation to Enhance Surgical Resident Participation in the Surgical Timeout Checklists | Original | Riverside Surgical Associates | no | no | X | X | X | | | | X | | | | | |
| Dong | Yue | | AEI2009 | Toward "High Stakes" Certification in Central Line Placement: Construct Validation of a Central Line Workshop Performance Metrics | NA | Mayo Clinic Rochester | no | no | | | | | | | | | NA | NA | NA | |
| Dort | Jonathan | MD, FACS | AEI2016 | Development of a Laparoscopic Appendectomy Silicone Training Model Using Three-Dimensional Printing Technology | Original | INOVA Health System | no | no | | | | | | | | | | | | |
| Duffy | Melissa | MA | AEI2015 | Simulation versus Operating Room: Examining Relations between Emotional States, Learning Processes, and Technical Skills Performance across Training Environments | Work in Progress | McGill University | yes | no | | | | X | X | | | | | | | |
| Dumon | Kristoffel | MD, FACS | AEI2017 | Interprofessional Simulations to Inform Perioperative Facility Planning and Design | Original | Penn Medical Simulation Center | no | no | | | | | | | | | | | | |
| Dunn | William | MD | AEI2008 | Implementation and Educational Outcomes for a Central Line Workshop Subtitle: A Simulation Center and Procedural Skills Lab Collaborative | NA | Mayo Clinic Rochester | no | no | | | | | X | | | | | | | |
| El Youssef | Raphael | MBBS | AEI2009 | Lower Gastrointestinal Endoscopy Simulation Training in a Surgical Skills Training Curriculum | NA | VirtuOHSU | no | no | | | | | | | | | | X | | |
| El Youssef | Raphael | MBBS | AEI2009 | Use of a Colonoscopy Simulator to Improve the Learning Curve for General Surgery Residents | NA | VirtuOHSU | no | no | | | | | | | | | | | | X |
| Elliott | Kathleen | BSc(Hon), MB, BCh, MRCS | AEI2014 | Evaluation of the Effectiveness of Self-Directed Learning Using a Take-Home Laparoscopic Simulator to Supplement Clinical Training | Original | Imperial College London | yes | no | | | X | X | | | X | | | | | |
| Enochsson | Lars | MD, PhD | AEI2011 | Transfer of skills between virtual colonoscopy and laparoscopy | Original | Karolinska University Hospital | yes | no | | | X | | X | | | | | | | |
| Enochsson | Lars | MD, PHD | AEI2012 | Skills transfer between basic laparoscopic and colonoscopic simulator training | Original | Karolinska University Hospital | no | no | | | X | X | X | | | X | | | | |
| Enochsson | Lars | MD, PhD | AEI2013 | Technical and non-technical skills influencing laparoscopic performance among OBGYN residents | Original | Karolinska University Hospital | no | no | X | X | X | | | | | X | | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| Enochsson | Lars | MD, PhD | AEI2015 | Basic skills training - black box or high fidelity simulators? | Original | Karolinska University Hospital | yes | no | X | X | X | | | X | | | | |
| Enochsson | Lars | MD, PhD | AEI2016 | Video Analysis of Path Length in Basic Skills Training: A Way to Expand the Value and Use of Basic Skills BlackBox Training? | Original | Karolinska University Hospital | yes | no | | | X | X | | | | | | |
| Escher | Cecilia | MD | AEI2018 | Simulation based teamwork training can reduce barriers between surgery and anesthesia - focus group interviews with experienced OR staff | Poster Presentation | CAMST | no | no | | | | | | X | | | | |
| Esparaz | Joe | MD | AEI2017 | Simulated Trauma and Procedural Training in a Collaborative Human Cadaver Lab Integrating Emergency Medicine and General Surgery Residents: Effectiveness and Outcomes | Original | University of Illinois, Peoria | yes | no | | X | | | | | | | | |
| Farley | David | MD, FACS | AEI2008 | Simulation Drives Our General Surgery Training Curriculum: A Work in Progress | NA | Mayo Clinic Rochester | no | no | X | | | | | | | | | |
| Farley | David | MD, FACS | AEI2009 | \$500 REWARD: What Millennial Surgery Residents Will Do for a Buck | Work in Progress | Mayo Clinic Rochester | no | no | | | | | | | | X | | |
| Farley | David | MD, FACS | AEI2009 | Using a 24/7 Audiovisual System to Create a Dynamic Surgical Curriculum and Assess Learners for Competency | Work in Progress | Mayo Clinic Rochester | no | no | | | | | | | | X | | |
| Farley | David | MD | AEI2011 | No More Hotel Stays for ABS Examiners or Examinees: A Pilot Study to Assess the Internet as an Oral Exam Platform | Research Idea | Mayo Clinic Rochester | yes | no | | X | X | | | | | | | |
| Fazendin | Jessica | MD | AEI2016 | Self/Peer Resident Assessment of the Basics of Open Laparotomy Training (BOLT) on a Simulated Abdominal Model | Original | Drexel University | no | no | | | X | X | | | | | | |
| Feher | Cathynn | RN, MSN | AEI2012 | LVHN The Level II Accreditation Journey | Descriptive | Lehigh Valley Health Network | no | no | X | | | X | | | | | | |
| Feher | Cathynn | RN, MSN | AEI2013 | The Community as a Learner Group | Descriptive | Lehigh Valley Health Network | no | no | | | | X | X | | | | | |
| Ferguson | Mark | MD | AEI2013 | Physician Perception of Frailty and Role in Surgical Risk Assessment | Work in Progress | University of Chicago | no | no | X | | | | | | | | | |
| Fernandez | Gladys | MD | AEI2009 | Development of high-fidelity simulated human tissue for surgical residency training | NA | Baystate Medical Center | no | no | | | | | | | X | | | |
| Fernandez | Gladys | MD | AEI2015 | Roles of Simulation in Ebola Preparedness Training | Work in Progress | Baystate Simulation Center | no | no | | X | | X | X | | | | | |
| Fernandez | Joss | MD, FACS | AEI2016 | Artificial Blood CF1 Demonstrating Reduced Volume Loss for Open Surgery Simulation in Human Cadavers | Original | MO Heart Center | no | no | | | | | | | | | | |
| Fernandez | Gladys | MD | AEI2017 | Macrosystem Simulations in a New Hospital Facility | Original | Baystate Health | no | no | | | | | | | | | | |
| Figuredo | Edgar | MD | AEI2012 | Creating the Pre-Trained Novice: A Structured Central Venous Catheterization Curriculum | Original | University of Washington/ISIS | no | no | X | | X | | | | | | | |
| Gangemi | Antonio | MD, FACS | AEI2014 | Manual Dexterity and Surgical Vocation: Which Came First?-Perhaps 3D Virtual Reality Simulators May Provide a Modern Answer to an Ancient Dilemma | Original | UIC | no | no | | X | X | X | | | | | | |
| Gangemi | Antonio | MD | AEI2015 | Preliminary results of our simulation-based experience on the management of "blue codes" and emergent open conversion in the robotic operating room | Original | UIC | no | no | X | X | | X | X | | | | | |
| Gangemi | Antonio | MD | 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 | UIC | no | no | X | X | X | X | X | | | | | |

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| Gangemi | Antonio | MD, FACS | AEI2016 | Does Musical Instrument Experience Correlate With Higher Performance On The Robot Simulator? | Original | UIC | no | no | | | | X | X | | | | | | |
| Gardner | Aimee | PhD | AEI2015 | An examination of the "seductive details effect" in acquisition and transfer of laparoscopic suturing skills | Original | UT Southwestern | yes | yes | X | X | X | X | | | | | | | |
| Gardner | Aimee | PhD | AEI2016 | Do Great Teams Think Alike? An Examination of Team Mental Models and their Impact on Team Performance | Original | UT Southwestern | no | yes | | | | | | | | | | | |
| Gardner | Aimee | PhD | AEI2018 | Facilitating Accurate Team Self-Assessments: Can Simulation Play a Role? | Original Paper | Baylor College of Medicine | yes | no | | | X | X | | | | | | | Teamwork |
| Garon | Jeffrey | MD, BA | AEI2017 | Improving cross specialty recognition of atypical skin lesions through experiential learning | Other | Conemaugh Memorial Hospital | no | no | X | X | | | | X | | | | | |
| Garstka | Meghan | MD, MS | AEI2014 | Effectiveness of Systems Changes Suggested by Simulation of Adverse Surgical Outcomes | Original | Tulane University School of Medicine | no | no | | X | | | X | X | | | | | |
| Gas | Becca | BS | AEI2016 | Serving Up Your Service: How Can YOU Assess Your Trainees? | Descriptive | Mayo Clinic Rochester | no | no | X | | | X | X | | | | | | |
| Gauger | Paul | MD | AEI2008 | Proficiency – Targeted Simulation Training of Novice Surgeons Results in Improved Laparoscopic Skills Measured in the Operating Room | NA | University of Michigan | no | no | | | | | | | X | | | | |
| Gawad | Nada | HBSc | AEI2013 | Introduction of a Comprehensive Training Curriculum in Laparoscopic Surgery for Medical Students: a Randomized Trial. | Original | St. Michael's Hospital/University of Toronto | no | yes | X | X | X | | | | X | | | | |
| George | Ivan | | AEI2016 | An interactive multicenter multi-national virtual grand rounds for ACS AEI | Original | Anne Arundel | yes | no | | | | X | X | | | | | | |
| George | Ivan | | AEI2017 | First Year of Virtual Grand Rounds: A Report from the Technologies and Simulation | Original | Anne Arundel | yes | no | | | | | | | | | | | |
| Glamer | Carly | MD | AEI2013 | Using Video Motion Analysis to Quantify Technical Performance | Original | University of Wisconsin | yes | yes | X | | | X | | | X | | | | |
| Godfrey | Martha | MD | AEI2018 | Teaching Practicing Surgeons What Not to Do: An Analysis of Instructor Coaching Fluidity During a Simulation Based CME Course | Poster Presentation | University of Wisconsin, Madison | yes | yes | | | X | | | | | | | | |
| Goh | Alvin | MD | AEI2009 | Fundamentals of Robotic Surgery (FRS): Inanimate tasks for robotic surgical skills assessment and training | NA | MITIE | yes | no | | | | | | | | | | | X |
| Goh | Alvin | MD | AEI2009 | GEARS: An assessment tool to measure robotic surgical skills | NA | MITIE | yes | no | | | | | | | | | | | X |
| Gower | Jonathan | MD | AEI2016 | A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures | Original | Naval Med Ctr San Diego | no | no | | | | X | X | | | | | | |
| Graling | Paula | DNP, RN | AEI2016 | Inter-professional Education and Simulation to Improve Knowledge Retention of CAUTI | Original | INOVA Health System | no | no | X | | | X | X | | | | | | |
| Greer | Joy | RN, BSN | AEI2017 | In Situ Multidisciplinary Obstetric Team Training for Emergencies: Maximizing Training Opportunities while Sensing Latent Threats to Patient Safety | Original | Naval Hospital Portsmouth | no | no | | | | | | | X | | | | |
| Gregory | James | MD | AEI2012 | Acquisition of New Skills By Novices: Effect of Three Different Instructional Methods | Original | Conemaugh Memorial Hospital | no | no | X | X | X | | | | | | | | |
| Gregory | James | MD | AEI2012 | Differences Between Resident Specialties, Education & Faculty: Results of an All GME Resident Boot Camp | Original | Conemaugh Memorial Hospital | no | no | X | X | X | | | X | X | | | | |
| Grewal | Harsh | MD, FACS | AEI2009 | Can surgical skills training of novice medical students in the laboratory improve their technical skill and satisfaction with their surgical clerkship? | Original | Temple University Hospital | no | no | | | | | | | | | X | | |

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| Grewal | Harsh | MD, FACS | AEI2009 | Introducing team training and crisis management in the surgical residency program. | NA | Temple University Hospital | no | no | | | | | | | | | | X | | |
| Guido | Jenny | MD | AEI2016 | Computerizing the ATLS® Post-Test: Implications for Further Study | Original | USF | no | no | | | | | | | | | | | | |
| Gwillim | Eran | MD | AEI2015 | Error Tolerance: A New Psychomotor Performance Metric in Laparoscopic Surgery | Original | University of Wisconsin | no | no | | | X | X | | | | | | | | |
| Hafey | Robert | BS | AEI2012 | The Anatomy of Bronchoscopy Simulation: Enhancing Experiential Learning through Embedded Research Algorithms (EMA) | Work in Progress | SiTEL's Clinical Simulation Center of MedStar Health | no | no | X | X | X | X | X | | | | | | | |
| Hafiz | Shabnam | MD, MPH | AEI2016 | Using Heart Rate Variability to Assess Acute Stress During Simulated Trauma Resuscitation | Original | Medstar/SITEL | no | no | | | | | | | | | | | | |
| Hamman | William | MD, PhD | AEI2010 | Surgical In-situ Simulations | Work in Progress | Beaumont Health System | no | no | X | X | | | X | | | | | | | |
| Hamman | William | MD, PhD | AEI2010 | The Missing Link: Integrating the Patient Population with Surgical Education through Web-based Training and In-situ Simulation® | Research Idea | Beaumont Health System | no | no | X | X | | | X | X | | | | | | |
| Hananel | David | BS | AEI2017 | Unified Field Theory of Health Care Simulation | Descriptive | UW-CREST | no | no | | | | | | | | | | | | |
| Harmon | James | MD, PhD | AEI2015 | Surgical Skills Simulation Workshops Enhance the Effectiveness of Surgical Interest Groups | Descriptive | University of Minnesota | no | no | X | X | | | | | | | | | | |
| Hartman | Julie | DC, MS | AEI2018 | Implementation of Institution-wide Central Venous Catheter Insertion Certification Program | Poster Presentation | University of Iowa Center for Procedural Skills and Simulation | no | no | | | | | | X | | | | | | |
| Hassen | Yasmin | MB, BS, BSc(Hons), MRCS | AEI2017 | International Delphi Consensus on Critical Components of the Safe Surgical Ward: Identification of Factors for Educational Interventions and Quality Assessment | Original | Imperial College London | no | no | | | | | | X | | | | | | |
| Hasty | Brittany | MD | AEI2017 | Intensive, Integrated Pre-clinical Surgical Immersion Curriculum for Early Exposure to Surgery | Work in Progress | Stanford University | no | no | X | | X | | | | | | | | | |
| Haviland | Sarah | BS | AEI2016 | Comparison of FLS Tasks When Training on Standard FLS Platform Versus an Ergonomically Different Platform | Original | Walter Reed/Uniformed Svc | no | no | | | | X | X | | | | | | | |
| Haynes | Susan | MS, MEd | 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 | Virginia Commonwealth University | no | no | X | | | | | | | | | | | |
| Hebert | James | MD, FACS | AEI2018 | ACS Fundamentals of Surgery Curriculum®: Using Cognitive Simulation to Develop Critical Thinking Skills in Residents | Poster Presentation | American College of Surgeons | no | no | X | X | | | | | | | | | | |
| Heidel | Robert | PhD | AEI2013 | The Process and Content of Biostatistical Consultation within Simulation | Descriptive | UT Center for Advanced Medical Simulation/UTMCK | no | no | | X | X | X | | | | | | | | |
| Heidel | Robert | PhD | AEI2014 | Methods for Increasing the Internal Validity of Assessment in Simulation: Lessons Learned in the Applied Perioperative Surgical Simulation Environment | Descriptive | UT Center for Advanced Medical Simulation/UTMCK | no | no | X | | X | X | | | | | | | | |
| Heidel | Robert | PhD | AEI2018 | The Educational Value of the da Vinci Skills Simulator at a Regional Medical Center | Poster Presentation | University of Tennessee | no | no | | | X | | | | | | | | | |
| Held | Jenny | MD | AEI2018 | Enhancing Computer-Based Central Line Training for Surgery Residents Across Two Training Programs | Poster Presentation | Naval Medical Center Portsmouth | no | no | | X | | | | | | | | | | |
| Hernandez-Irizarry | Roberto | BS | AEI2012 | Evaluating General Surgery Residents: Is it Worth an Olympic Effort? | Original | Mayo Clinic Rochester | no | no | X | X | X | X | | | | | | | | |

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| Hosny | Shady | MB, BS, BSc(Hons), MRCS | AEI2016 | Modern Paradigms in Surgical Training – An International Qualitative Study to Determine Factors Affecting the Implementation of Simulation-based Training Programmes | Original | Imperial College London | no | no | X | | | | | X | | | | | |
| Huffman | Elizabeth | MD | AEI2019 | Automated Assessment of Surgical Knot Tying | Original Paper | Indiana University | no | no | | | | | X | | | | | | |
| Huffstutter | Paul | MD, FACS | AEI2014 | The Implementation of Surgical Crisis Checklists in Perioperative Team Simulation | Original | UT Center for Advanced Medical Simulation/UTMCK | no | no | | | X | | | X | X | | | | |
| Huffstutter | Paul | MD, FACS | 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 | UTCAMS | no | no | X | X | X | X | | | | | | | |
| Hull | Louise | PhD | AEI2014 | Facilitating the Implementation of the ACS/APDS Phase III Skills Curriculum: Training Faculty in the Assessment of Team Skills | Original | Imperial College London | yes | no | X | X | | | | | | | | | |
| Hungness | Eric | MD | AEI2009 | Psychometric Analysis of the Phase I ACS/APDS Skills Curriculum, Verification of Proficiency Examination | Original | Northwestern University | no | no | | | | | | | | X | | | |
| Ibrahim | Marina | MD | AEI2017 | Simulation-based Multiple Mini-interviews vs. Traditional Interviews in the Postgraduate Year 1 Cardiac Surgery Residency Program Selection Process | Original | McGill University | no | no | | | | | X | | | | | | |
| Jackson | Katherine | MD | AEI2019 | Training Multidisciplinary Teams in Nontechnical Skills and OR Safety Using Simulation Based Training | Poster Presentation | University of Rochester Medical Center | no | no | X | X | | | | X | | | | | |
| Jacobs, Jr. | Lenworth | MD, MPH, FACS | AEI2009 | Advanced Trauma Operative Management Course: An Exemplar of Simulation Education Scenario Development | NA | Hartford Hospital | no | no | | | | | | | | | X | | |
| James | Ted | MD, MS, FACS | AEI2014 | Enhancing Interprofessional Collaboration through Simulation-Based Team Training in Clinical Oncology | Original | University of Vermont | no | no | X | X | X | X | X | | | | | | |
| Jasper | Edward | MD | AEI2011 | Integration of Procedural Skills Simulation and Just In Time Training into an Advanced Physical Diagnosis Program | Work in Progress | Thomas Jefferson University | no | no | X | X | X | | | X | | | | | |
| Jasper | Edward | MD, MPH | AEI2018 | Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students | Poster Presentation | Thomas Jefferson University | no | no | X | | | | | | | | | | |
| Jastrzembski | Tiffany | PhD | AEI2014 | Surgical Skill Performance Prediction: Application of a Cognitive Model to Laparoscopic Skill Retention Simulation Training | Original | Air Force Research Laboratory/Wright-Patterson AFB | yes | no | X | | | X | | | | | | | |
| Jensen | Aaron | MD | AEI2009 | Validity of Leak Pressure Testing for Bowel Anastomosis Quality | NA | University of Washington/ISIS | no | no | | | | | | | | X | | | |
| Johnson | Jeremy | MD | AEI2012 | Variations in Procedure Time Based on PGY Level of General Surgery Residents | Descriptive | University of Oklahoma | yes | no | X | X | X | X | | | X | | | | |
| Johnston | Maximilian | MB, BCh | AEI2014 | Escalation of Care in Surgery: a Systematic, Proactive Risk Assessment of Clinical Supervision Development and Evaluation of an Open Aortic Aneurysm Repair Simulation | Original | Imperial College London | no | no | | | | | X | | | | | | |
| Jones | Matt | | AEI2010 | Simulated Operating Room Crisis during Robotic Surgery using a Completely Portable Human Patient Simulator (HPS) | Non-AEI | UT Center for Advanced Medical Simulation/UTMCK | no | no | X | X | X | | | | | | | | |
| Joseph | Rohan | | AEI2009 | Simulated Operating Room Crisis during Robotic Surgery using a Completely Portable Human Patient Simulator (HPS) | NA | MITIE | no | no | | | | | | | | | | X | |

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| Joseph | Rohan | | AEI2009 | Use of a Novel Thermal and Visual Facial Mapping System to Measure Stress in Surgeons May Provide a Valuable Metric in Surgical Skills Acquisition | NA | MITIE | no | no | | | | | | | | | X | | | | |
| Karbach | Lauren | BA | 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 | MITIE | no | no | X | | | | | | | | | | | | |
| Kastenmeier | Andrew | MD | AEI2011 | Integration of a Curriculum for the Surgeons Training Endoscopic Proficiency (STEP) Program into General Surgery Residency | Work in Progress | Lahey Health System | no | no | X | X | | | | | | | | | | | |
| Khamis | Nehal | MD, PhD, MEd | AEI2015 | A Stepwise Approach for Simulation-based Curriculum Development for Clinical Skills | Original | College of Medicine, King Saud University | no | no | X | X | X | X | | | | | | | | | |
| Khanna | Shachika | BDS, DMD | AEI2019 | Reconstruction of Marginal Mandibular Defects Utilizing Bone Marrow Aspirate Concentrate from the Anterior Iliac Crest: A Less Morbid Osteogenic Option | Poster Presentation | Thomas Jefferson University Hospital | no | no | | | | | | | | | X | | | | |
| Khatri | Avni | BS | AEI2016 | A Flexible Platform for Building Cumulative Milestone-Based Surgical Resident Portfolios | Descriptive | MGH | no | no | X | | | X | | | | | | | | | |
| Kim | Sara | PhD | AEI2009 | Methodologies for Establishing Validity in Surgical Simulation Studies | NA | University of Washington/ISIS | no | yes | | | | | | | | | X | | | | |
| Kim | Sara | PhD | AEI2013 | The Future of Surgical Training: National Needs Assessment of Stakeholders | Original | ACS AEI Curriculum Committee Study Paper | yes | yes | X | | | | X | X | | | | | | | |
| Kim | Sara | PhD | AEI2009 | Faculty Retention Strategies at Institute for Simulation and Interprofessional Studies (ISIS) | NA | University of Washington/ISIS | no | no | | | | | | | | | | | | X | |
| Kishiki | Tomokazu | MD, PhD | AEI2016 | Operation room fire simulation study effectively prepares operating room staff for fire | Original | Grainger/NorthShore | no | no | | | | | | | | | | | | | |
| Klar | Melinda | RN | AEI2017 | The Translation of Simulation-Based Sharps Safety Education to Clinical Surgical Practices | Work in Progress | UTCAMS | no | no | | X | | | X | X | | | | | | | |
| Korndorffer, Jr. | James | MD, MHPE, FACS | AEI2012 | The American College of Surgeons / Association of Program Directors in Surgery National Skills Curriculum: Adoption Rate, Challenges and Strategies for Effective Implementation into Surgical Residency Programs | Original | Tulane University School of Medicine | no | yes | | | | | X | X | | | | | | | |
| Koval | Valentyna | | AEI2010 | Simulation-based distance education: practice and challenges | Original | CESEI | no | no | X | X | X | X | | | | | | | | | |
| Lachapelle | Kevin | MD, FACS, FRCSC | AEI2015 | Patient Specific Simulation for Aortic Surgery Pre-procedural training | Original | McGill University | no | no | X | X | | | | | | | | | | | |
| Landmann | Alessandra | MD | AEI2017 | Out of the OR and Before the Bench: How to Prepare Surgical Residents for their First Interaction with Attorneys | Descriptive | University of Oklahoma HSC | no | no | | | | | | | | | X | | | | |
| LaPorta | Anthony | MD, FACS | AEI2014 | Immersion Training in Simulation Brings Hyper-Realism to Training | Original | Rocky Vista University School of Medicine | yes | no | X | X | X | X | X | X | | | | | | | |
| LaPorta | Anthony | MD, FACS | AEI2015 | The Correlation of Salivary Cortisol and Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and Medical Student Training | Original | Rocky Vista University School of Medicine | yes | no | X | X | X | X | | | | | | | | | |
| LaPorta | Anthony | MD, FACS | AEI2016 | Measuring the Tools of the Future: How Will We Tell the Effectiveness of Training | Original | Rocky Vista University School of Medicine | yes | no | X | | X | X | X | | | | | | | | |
| Lara-Gutierrez | Jorge | MD | AEI2019 | Multiuse low-cost hematemesis mannequin | Poster Presentation | VA Pittsburgh Healthcare System | no | no | | | | | | | | | | | | | Innovation. |
| LeBel | Marie-Eve | MD, FRCSC | AEI2011 | Determination of Standardized Tasks and Assessment for a Simulation-Based Curriculum in Arthroscopic Knee Surgery | Research Idea | University of Western Ontario | no | no | X | X | | | | | | | | | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| LeBel | Marie-Eve | MD, MHPE, FRCSC | AEI2015 | Observational Learning During Simulation-based Training In Arthroscopy: Is It Useful To Novices? | Original | University of Western Ontario | no | no | X | X | X | | | | | | | |
| LeBlanc | Justin | MD, FRCSC | AEI2015 | Eye-Gaze Strategies Affect Performance on Arthroscopic Simulators | Original | University of Calgary (University of Toronto) | yes | no | X | X | X | | | | | | | |
| Leong | Michelle | BS | AEI2017 | Mentorless Training Program Results in Significant Improvement in Students' Surgical Skills | Research Idea | Grainger/Northshore | no | no | | X | | | | | | | | |
| Leraas | Harold | MA, BS | AEI2017 | Instituting a Surgical Skills Competition Increases Technical Performance of Surgical Clerkship Students Over Time | Original | Duke University | no | no | X | | | | | | | | | |
| Lewis | Trystan | MB, BS, BSc, MRCS | AEI2011 | Can virtual reality simulation be used for advanced bariatric surgical training? | Original | Imperial College London | no | yes | | X | X | | | X | | | | |
| Lewis | Barbara | MS, RN | AEI2018 | Use of Innovative Approaches to Create a Specialty Specific Urology Skills Program | Poster Presentation | University of Wisconsin | yes | no | X | | | | | | | | | Innovative Techniques |
| Liberman | Sender | | AEI2009 | Workshop Using Standardized Patients to Evaluate the Communication Skills of Surgical Residents | NA | McGill University | no | no | | | | | | | | X | | |
| Liebert | Cara | MD | AEI2015 | Student Perceptions of a Simulation-Based Surgery Clerkship Flipped Classroom | Original | Stanford University | no | yes | X | X | | X | X | | | | | |
| Limberg | Jessica | MD | AEI2019 | Does Variability Among Surgical Skills Diminish Throughout Residency Training? Analysis of a 5-Task Surgical Simulation Curriculum Starting Day 1. | Poster Presentation | NYP-Weill Cornell Medical Center | yes | yes | X | X | X | | | | | | | |
| Lind | David | MD | AEI2019 | The Use of Virtual Humans to Assess Surgeon Communication Skills in a Simulated Laparotomy. | Original Paper | University of Florida - Jacksonville | no | no | | | | | X | | | | | |
| Llerena | Luis | MD, FACS | AEI2019 | Introducing Tattoos to Advanced Trauma Life Support (ATLS): A Process Improvement Initiative | Poster Presentation | CENTER FOR ADVANCED MEDICAL LEARNING AND | no | no | | | | X | | | | | | |
| Louie | Michael | MD | AEI2008 | Long-term Impact of the Robot Assisted Laparoscopic Prostatectomy Mini-Residency Training on Post-Graduate Urologic Practice Patterns | NA | UC Irvine | no | no | | | | X | | X | | | | |
| Loukas | Costas | PhD | AEI2010 | Deconstructing Laparoscopic Competence in a Virtual Reality Simulation Environment | Original | University of Athens | no | yes | | | X | X | | | | | | |
| Loukas | Costas | PhD | AEI2010 | Evaluating the Effectiveness of Virtual Reality Simulation Training in Intravenous Cannulation | Original | University of Athens | no | no | X | X | X | | | X | | | | |
| Loukas | Constantinos | PhD | AEI2011 | A Comparison Study of Basic Skills Acquisition with Virtual Reality and Physical Reality Simulation Training | Original | University of Athens | no | no | X | X | X | | | X | | | | |
| Loukas | Costas | PhD | AEI2013 | The Relative Contribution of Mixed Training in the Acquisition of Advanced Laparoscopic Skills | Original | University of Athens | no | no | | X | | | | | | | | |
| Louridas | Marisa | MD | AEI2014 | Hazard Zones: For Focused Complex Laparoscopic Surgical Skills Training | Original | University of Toronto | no | no | X | X | | | X | | | | | |
| Louridas | Marisa | MD | AEI2015 | Optimizing the selection of general surgery residents: a national consensus | Original | University of Toronto | yes | no | | | X | | | | | | | |
| Luciano | Cristian | PhD | AEI2015 | What would be the Role of Haptics if Incorporated in Robotic Surgery? | Original | UIC | no | no | X | X | X | | | X | | | | |
| Lyle | Cara | MD | AEI2018 | Effects of Sequential, Supervised Simulation Training on the Acquisition and Long-term Retention of Vascular Surgical Skills | Innovative Techniques | West Virginia University Hospitals | no | no | X | X | | | | X | | | | |
| Maag | Anne-Lise | MD | AEI2014 | Use of Error Analysis to Assess Resident Performance | Original | University of Wisconsin | no | yes | | X | X | | | | | | | |

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| Manuel-Palazuelos | Carlos | MD, PhD | AEI2015 | I Have to Learn Laparoscopic Latero-Lateral Small Bowel Anastomosis: How Long Will it Take? | Original | Hospital virtual Valdecilla | no | no | | | X | X | | | X | | | | |
| Martin | John | MD | AEI2018 | Performance Variability During Training on Simulators Predicts Skill Transfer | Original Paper | Indiana University | yes | yes | | | | X | | | | | | | Performance Assessment |
| Martin | John | | AEI2019 | Residency preparatory courses effectively prepare graduating medical students for surgical internship | Poster Presentation | Indiana University | no | no | | | | X | | | | | | | |
| Mavrantonis | Konstantinos | MD, PhD, FACS | AEI2017 | The Use of Virtual Reality Simulators in Laparoscopic Colectomy Training | Original | Hygeia Hospital | no | no | X | X | | | X | | | | | | |
| Mazer | Laura | MD | AEI2016 | Faculty perceptions of barriers to completing surgical resident assessments: A multi-institutional qualitative needs assessment | Original | Stanford University | no | no | | | | X | X | | | | | | |
| McCIntic | James | MS | AEI2016 | Pilot Testing of a Simulation Based Model for Suture Repair of Laparoscopic Bleeding | Original | UTMB | no | no | | | | X | X | | | | | | |
| McDougall | Elspeith | MD, FRCSC, MHPE | AEI2008 | Four-Year Curriculum for Urology Residency Training | NA | UC Irvine | no | no | X | | | | | | | | | | |
| McDougall | Elspeith | MD, FRCSC, MHPE | AEI2009 | Developing A Performance Assessment Device for the Laparoscopic Transperitoneal Nephrectomy Procedure | NA | UC Irvine | yes | no | | | | | | | | X | | | |
| McDougall | Elspeith | MD, FRCSC, MHPE | AEI2009 | Longterm Impact of a Laparoscopic Renal Surgery Mini-Fellowship on Postgraduate Urologic Practice Patterns. | NA | UC Irvine | no | no | | | | | | | | X | | | |
| McKenna | Patrick | MD, FACS, FAAP | AEI2019 | A Laboratory Model for Ureteroneocystostomy | Poster Presentation | University of Wisconsin | no | no | X | | | | | | | | | | |
| Meara | Michael | MD, FACS | AEI2018 | A Robotic Surgical Curriculum for Chief Resident Exposure and Experience | Poster Presentation | The Ohio State University Wexner Medical Center | no | no | X | X | | | X | | | | | | |
| Meier | Andreas | MD, FAAP, FACS | AEI2008 | Enhancing a General Surgery Residency Curriculum through Integration of an Online Content Management System | NA | Penn State Hershey Medical Center | no | no | X | | | | | | | | | | |
| Menard | Josue | MD | AEI2018 | The Use of Virtual Humans in a Simulated OR for Surgical Education | Innovative Techniques | University of Florida, Jacksonville | yes | no | X | | | | | | | | | | |
| Mickelson | Dayne | | AEI2009 | Problem Based Learning (PBL) with Supplemental Interactive Medical Multimedia (PBL-SIMM) | NA | University of Washington/ISIS | no | no | | | | | | | | | X | | |
| Miller | Zachary | BS | AEI2018 | A Preclinical Cadaveric Evaluation of the Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) Catheter | Poster Presentation | University of Minnesota | no | no | | | | | | X | | | | | |
| Minneti | Michael | BS | AEI2017 | The Development and Implementation of a Pressurized Cadaver Simulation Curriculum | Descriptive | USC | no | no | X | | | X | | | | | | | |
| Misra | Asit | MD | AEI2019 | Teaching Burn Management Using a Low Cost Escharotomy Trainer | Innovative Techniques | OhioHealth Learning | no | no | | | X | | | | | | | | Low cost simulator development |
| Misra | Asit | MD | AEI2019 | Use of a Low Cost Task Trainer for Emergency Department Thoracotomy Training in a General Surgery Residency Program. | Innovative Techniques | OhioHealth Learning | no | no | | | X | X | | | | | | | Simulator Development |
| Misra | Asit | MD | AEI2019 | Use of Mock Oral Boards as an Assessment Tool in Simulation Based Burn Management Training. | Poster Presentation | OhioHealth Learning | no | no | | | X | X | | | | | | | |
| Mitchell | Erica | MD, FACS | AEI2009 | Development of a Basic Vascular Specific Surgical Skills Laboratory | NA | VirtuOHSU | no | no | | | | | | | | X | | | |
| Mitchell | Erica | MD, FACS | AEI2010 | The Current Educational Value of Morbidity & Mortality Conference | Original | VirtuOHSU | no | no | | | | X | X | | | | | | |
| Mittal | Vijay | MD | AEI2013 | Laboratory Simulation is Useful in Training Residents in Bowel and Vascular Anastomosis | Research Idea | Providence Hospital and Medical Centers | no | no | X | X | | | | | X | | | | |

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| Miyasaka | Kiyoyuki | MD | AEI2014 | Development and implementation of a clinical pathway approach to simulation-based training for foregut surgery | Original | University of Pennsylvania | no | no | X | X | | X | | | | | | |
| Miyasaka | Kiyoyuki | MD | AEI2014 | From the Trauma Bay to the ICU: a novel horizontal simulation curriculum for surgical residents | Original | University of Pennsylvania | no | no | X | X | X | X | X | | | | | |
| Mizota | Tomoko | MD | AEI2018 | What Errors Do Surgical Residents Commonly Commit? | Original Paper | Indiana University School of Medicine | yes | no | | | | | | | | | | Needs Assessment |
| Moglia | Andrea | PhD | AEI2014 | Assessment of subjects without experience in minimal access surgery performing a suture task at da Vinci robot | Original | EndoCAS | no | no | X | X | X | | | | | | | |
| Moglia | Andrea | PhD | AEI2016 | Does previous exposure to videogames and/or practice with musical instruments influence performance on a virtual simulator for robot-assisted surgery? | Original | EndoCAS | no | no | | | | | | | | | | |
| Moglia | Andrea | PhD | AEI2017 | Proficiency gain curve and skills retention at a virtual simulator for robot-assisted surgery: a blind study | Original | EndoCAS | no | no | | | | | | | | | | |
| Mohan | Monali | MD | AEI2016 | Oh, The Stress of Simulation! Role of Skin Conductance as A Stress Indicator in Surgical Education. | Work in Progress | Mayo Clinic Rochester | no | no | | | | X | X | | | | | |
| Mohan | Anita | MBBS | AEI2018 | Microsurgical Skills Training Course: The Effect on Microsurgery Trainees' Confidence and Workload | Poster Presentation | Mayo Clinic Rochester | no | no | | | | X | | | | | | |
| Molina | Maria | MD | AEI2017 | Development of In-Situ Simulation Lab for Training Gynecology Residents in Basic Laparoscopic and Hysteroscopic Operative Skills | Descriptive | San Antonio Military Medical Center | no | no | X | X | | | | | | | | |
| Molina | Marcos | MD | 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 | University of Minnesota | no | no | X | | | | | | | | | |
| Molina | Marcos | MD | AEI2018 | One's SIM trash is another's SIM treasure: SimPortal experience in the building of a percutaneous gastrostomy (PEG) skill trainer. | Poster Presentation | University of Minnesota | no | no | | X | | | | | | | | |
| Montero | Paul | MD | AEI2010 | Deficiencies of the Surgical Curriculum Exposed | Original | Carolinas Healthcare System | no | no | X | X | X | X | | | | | | |
| Moorman | Matthew | MD, FACS | AEI2015 | CORNERSTONE: Implementing Universal Patient Safety Checklist Discipline During the First Year of Medical School | Original | Cleveland Clinic | yes | no | X | X | | X | X | | | | | |
| Moses | Gerald | PhD | AEI2009 | External Review and Endorsement in Support of Business Plans for Simulation Centers | NA | MASTRI | no | no | | | | | | | | | X | |
| Mullinax | Ross | MD | AEI2016 | Effect of Team Training on Resuscitation Times and Critical Errors in Simulated Trauma Following Shipboard Surgical Trauma Training (S2T2) Curriculum—Cumulative Data | Original | Rocky Vista University School of Medicine | no | no | | | | | | | | | | |
| Murphy | Lara | DPM, BSc(Hons) | AEI2016 | Direct Anterior Approach THA Course Curriculum: An Interprofessional and Experiential Learning Model | Work in Progress | CSTAR | no | no | X | | | | | | | | | |
| Nagar | S | MD | AEI2010 | Assembling the Puzzle that is Surgical Education: A Look at a Proficiency-Based Knot-Tying and Suturing Curriculum | Research Idea | Beaumont Health System | no | no | X | X | X | | | | | | | |
| Naik | Nimesh | MD | AEI2017 | Personalized video feedback to improve "at home" pre-residency preparation of surgical interns | Original | Mayo Clinic Rochester | yes | yes | | | | | | | | | | |
| Naik | Nimesh | MD | AEI2019 | Laparoscopic Port Placement Concepts; It's All About Fundamentals | Poster Presentation | Mayo Clinic Rochester | yes | no | | X | | | | | | | | |

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| Naples | Robert | DO | AEI2019 | Resident Opinions of the Value and Optimal Content of a Technical Skills Curriculum using Simulation | Poster Presentation | Cleveland Clinic | no | no | X | | | | | | | | | | |
| Nepomnayshy | Dmitry | MD, FACS | AEI2013 | Preparing to Save a Life - Simulation Course for Penetrating Thoracic Trauma in a Low Volume Hospital | Descriptive | Lahey Health System | no | no | X | X | X | | | | | | | | |
| Nepomnayshy | Dmitry | MD | AEI2018 | Calculating the Return on Investment – Quantifying the Value of Simulation Training for Housekeeping | Original Paper | Lahey Clinic | yes | no | | | | X | | | | | | | |
| Nguyen | Ngan | PhD | AEI2016 | Efficacy of a simulation-based training program for improving the communication skills of general surgery and obstetrics and gynecology residents | Original | Ohio Health | no | no | | | X | X | | | | | | | |
| Nguyen-Lee | John | MD | AEI2019 | A Review of Checklist Tools for the Assessment of Central Venous Catheter Insertion: Are We Using Best Practices? | Poster Presentation | Houston Methodist Hospital | no | no | | | X | | X | | | | | | |
| Norbie | Erik | BA | AEI2019 | International Collaboration through Simulation in the Health Sciences | Poster Presentation | University of Minnesota | yes | no | | | | | | | | | | | Using simulation for international collaboration |
| Ormond | George | MD | AEI2017 | A Comparison of Rotation-Integration and Block-time Integration of the ACS/APDS Surgical Skills Curriculum | Work in Progress | University of Vermont | no | no | X | X | X | X | | | | | | | |
| Orzech | Neil | MD | AEI2009 | Impact of a Structured Training and Assessment Curriculum (STAC) on the Quality of Skill Acquisition in MIS | Work in Progress | University of Toronto | no | no | | | | | | | | | | X | |
| Orzech | Neal | MD | AEI2010 | A Comprehensive Curriculum for Advanced Laparoscopic Skills | Original | University of Toronto | no | no | | X | X | | | | X | | | | |
| Otto | Alex | BA | AEI2019 | Using Causal Models in Psychomotor Performance Assessment | Original Paper | University of Minnesota Medical School | no | no | X | X | X | | | | | | | | |
| Oussi | Ninos | MD | AEI2019 | Validation of a Novel Needle Holder to Train Advanced Laparoscopy Skills to Novices in a Simulator Environment | Poster Presentation | Karolinska University Hospital Sweden | yes | no | | | | | | | X | | | | |
| Ozawa | Edwin | MD, PhD | AEI2012 | Initial Steps Towards the Development of a De Novo Simulation-Based Anesthesia Curriculum | Work in Progress | Lahey Health System | no | no | X | X | | | | X | | | | | |
| Paige | John | MD, FACS | AEI2009 | Role of Instruction Method in Novices' Acquisition of Minimally Invasive Surgical (MIS) Basic Skills | NA | LSUHSC-New Orleans | no | no | | | | | | | | X | | | |
| Paige | John | MD, FACS | AEI2011 | Behavioral Impact of Inter-Professional Student Operating Room Team Training using High Fidelity Simulation | Original | LSUHSC-New Orleans | no | no | X | X | X | | | X | | | | | |
| Paige | John | MD, FACS | AEI2012 | Laparoscopic Cholecystectomy Simulation-Based Training: Does the Type of Trainer Matter? | Original | LSUHSC-New Orleans | no | no | X | X | X | X | X | X | X | | | | |
| Paige | John | MD, FACS | AEI2013 | Thinking it Through: Correlation of Mental Rehearsal Attitudinal Gains with Performance Parameters on Two Separate Laparoscopic Cholecystectomy Trainers | Original | LSUHSC-New Orleans | no | no | X | X | | | | | | | | | |
| Paige | John | MD, FACS | AEI2014 | Through the Looking Glass: Comparison of Self-, Peer-, and Observer-based Assessment of Students during Inter-Professional Team Training | Original | LSUHSC-New Orleans | no | no | X | X | X | X | X | X | | | | | |
| Paige | John | MD | AEI2018 | Evaluating the Quality of Video-taped Debriefings after Simulation Team Training | Original Paper | LSUHSC SCHOOL OF MEDICINE | yes | yes | | X | | | | | | | | | |
| Palter | Vanessa | MD | AEI2010 | The innovative use of consensus methodology to develop a technical skills evaluation tool. | Descriptive | University of Toronto | no | no | X | | X | | | | | | | | |

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| | | | | | | | | | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | | |
| Palter | Vanessa | MD | AEI2011 | Developing a Proficiency-Based Virtual Reality Technical Skills Training curriculum for Laparoscopic Colorectal Surgery | Original | St. Michael's Hospital/University of Toronto | yes | no | X | | | | | | | | | | | |
| Pandian | TK | MD, MPH | AEI2016 | Trainee Impressions of Instructor Expertise in Surgical Simulation and Education | Original | Mayo Clinic Rochester | no | no | X | | X | X | | | | | | | | |
| Park | Adrian | MD | AEI2008 | The MASTRI Center | NA | MASTRI | no | no | | | | X | | | | | | | | |
| Pearl | Richard | MD, FACS, FRCS | AEI2016 | Validation and A New Pump for the "Live Cadaver" Exercise for Improving Trauma Team Training | Original | UIC | no | no | | | | | | | | | | | | |
| Pentlak | Patricia | MD | AEI2012 | Barriers to the Adoption of the ACS/APDS Skills Curriculum | Original | Beaumont Health System | no | yes | X | X | | | | | | | | | | |
| Perosky | J | | AEI2010 | A low cost simulator to reduce global rates of maternal mortality | Original | University of Michigan | no | no | X | X | | | | X | | | | | | |
| Perrenot | Cyril | MD | AEI2013 | Face, content, construct validity and learning curve in robotic surgery simulation training: results of a multicentric evaluation of dV-Trainer® | Original | Lorraine University | yes | no | X | X | X | X | | | | | | | | |
| Perrone | Kenneth | MD | AEI2019 | Use of Sensors to Quantify Procedural Idle Time: Validity Evidence for a New Mastery Metric | Original Paper | Stanford University | yes | yes | | | X | | | | | | | | | |
| Phares | Amanda | MD | AEI2019 | Development of a Breast Abscess Management Curriculum | Innovative Techniques | University of California, Davis | no | no | X | | | | | | | | | | | |
| Phitayakorn | Roy | MD, MEd | AEI2014 | Practicality of Using Galvanic Skin Response to Measure Intra-operative Physiological Autonomic Activation in Operating Room Team Members | Descriptive | MGH | no | yes | | X | X | | | X | | | | | | |
| Phitayakorn | Roy | MD, MEd | AEI2014 | The Relationship between Intra-operative Teamwork and Quality of Patient Care | Descriptive | MGH | no | yes | | | X | X | X | X | | | | | | |
| Phitayakorn | Roy | MD, MEd, FACS | AEI2015 | The Tell-Tale Heart and Team Crisis Simulation in an In-Situ Operating Room | Original | MGH | no | no | | X | X | | | | | | | | | |
| Polk | Travis | MD, FACS | AEI2016 | STOMP- Skills Training for Operational Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns | Original | Naval Med Ctr Portsmouth | no | no | X | | | | | | | | | | | |
| Poniatowski | Lauren | MS | AEI2016 | Defining and Simulating Needle Insertion Forces for Percutaneous Renal Access | Original | University of Minnesota | no | no | | | | | | | | | | | | |
| Poniatowski | Lauren | MS | AEI2016 | Enhancing the realism of a surgical simulation cadaver lab using intravascular pressurization technique | Original | University of Minnesota | no | no | | | | | | | | | | | | |
| Potochny | John | MD, FACS | AEI2012 | Nurse Training with Simulation: An Innovative Approach to Teach Complex Microsurgery Patient Care | Descriptive | Penn State Hershey Medical Center | no | no | X | X | | X | | | | | | | | |
| Prabhakar | Nicholas | BA | AEI2018 | Video Training Works for Professional Sports, Might it be Effective in Training Resident Eyes and Minds for the OR? | Poster Presentation | Mayo Clinic Rochester | no | no | | | X | | | | | | | | | |
| Pucher | Philip | MD, MRCS | AEI2013 | Simulation For the Assessment of Ward-based Surgical Care: Validation of the Simulated Ward and a Novel Assessment Tool | Original | Imperial College London | no | no | X | X | X | | | | | | | | | |
| Pucher | Philip | MD, MRCS | AEI2014 | Surgical care checklists to optimise patient care following post-operative complications | Original | Imperial College London | yes | no | X | | | X | | X | | | | | | |
| Pugh | Carla | MD, PhD, FACS | AEI2008 | The Cognitive Side of Surgery | NA | Northwestern University | no | no | | | X | | | | | | | | | |
| Pugh | Carla | MD, PhD, FACS | AEI2009 | Outcome Measures for Surgical Simulators: Is the focus on technical skills the best approach? | Original | Northwestern University | yes | yes | | | | | | | | X | | | | |
| Pugh | Carla | MD, PhD, FACS | AEI2009 | The Theoretical Basis for Fabricating High Fidelity Simulation Tools for Honing Complex Surgical Skills | Original | Northwestern University | yes | no | | | | | | | | X | | | | |

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| Pugh | Carla | MD, PhD | AEI2011 | Use of decision based simulation to explore shared mental models in the operating room | Original | Northwestern University | no | no | | | | X | | X | | | | | |
| Pugh | Carla | MD, PhD, FACS | AEI2012 | Survey-Based Team Assessments: A Critical Evaluation Of Behavioral Constructs And Item Selection | Original | Northwestern University | no | no | | | | X | X | | | | | | |
| Pugh | Carla | MD, PhD, FACS | AEI2013 | Assessing the Validity and Reliability of Two GME Performance Assessment Tools for CME | Original | University of Wisconsin | yes | no | | | | | X | | | | | | |
| Purnell | Shawn | MD | AEI2019 | Simulation Training for Endoscopic Management of Upper Gastrointestinal Bleeding: A Nationwide Survey of Rural Surgeons' Needs and Preferences Analysis | Original Paper | Houston Methodist Hospital & University of Utah | yes | no | | | | X | | | | | | | |
| Radcliffe | Benjamin | MD | AEI2012 | Simulation Based Training in High Risk/Low Frequency Situations: A Case Presentation | Descriptive | Riverside Methodist Hospital | no | no | X | X | X | X | X | X | X | | | | |
| Raghavendra | Rao | MD | AEI2016 | Do Non-Technical Skills Improve with Technical Skills Training? A Comparison of Non-Technical Skills Rating and Operative Performance Rating in Simulation | Original | University of Pennsylvania | no | no | X | | | X | X | | | | | | |
| Raines | Alexander | MD | AEI2013 | The Effects of the Addition of a Pediatric Surgery Fellow on the Operative Experience of the General Surgery Resident | Descriptive | Oklahoma University Health Sciences Center | no | no | | | | X | | X | | | | | |
| Raman | Jaishankar | MD | AEI2015 | Simulation-based Training for Safety Incidents: Lessons from Analysis of Adverse Events in Robotic Surgical Systems | Work in Progress | Rush University Medical Center (University of Chicago) | yes | no | X | X | | | | X | | | | | |
| Reighard | Chelsea | MS | AEI2018 | Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed Surgical Simulator | Innovative Techniques | University of Michigan | no | no | X | X | | | | X | | | | | |
| Reihsen | Troy | | AEI2009 | A Novel 3D Video Telemedicine System for Education | NA | University of Minnesota/SimPORTAL | no | no | | | | | | | | | | X | |
| Reihsen | Troy | | AEI2015 | Cadaveric Model for Training and Assessment of Traumatic Wound Management and Hemorrhage | Original | University of Minnesota | no | no | X | X | | | | X | X | | | | |
| Rittenhouse | Neil | MHSc | AEI2011 | Design and Validation of a Model for Training and Assessment of Procedural Skills in Open Surgery | Original | University of Toronto | yes | no | X | X | X | | | | X | | | | |
| Ritter | Kaitlin | MD | AEI2017 | Simulation Training Improves Surgical Resident Comfort with Airway Management | Original | Cleveland Clinic | no | no | X | | | | | | | | | | |
| Roberts | Sophia | BS | AEI2019 | Feasibility of a Simulation-Based Elective in Robotic and Minimally Invasive Surgery for Medical Students | Poster Presentation | The Ohio State University Medical Center | no | no | X | | | | | | | | | | |
| Roitberg | Ben | MD | AEI2013 | Introduction of VR Simulation Based National Training Course on Neurosurgery at Congress of Neurological Surgeons (CNS): Preliminary Results | Research Idea | University of Chicago | no | no | X | X | X | X | | | X | | | | |
| Roitberg | Ben | MD | 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 | University of Chicago | no | no | X | X | X | | | | | | | | |
| Rooney | Deborah | PhD | AEI2009 | Administrative Considerations When Implementing ACS Skills Curriculum | Descriptive | Northwestern University | no | yes | | | | | | | | | X | | |
| Rooney | Deborah | PhDc | AEI2011 | Can Skills Coaches be Used to Assess Resident Performance in the Skills Laboratory? | Original | Northwestern University | yes | yes | X | X | X | | | | | | | | |
| Rooney | Deborah | PhDc | AEI2011 | Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Assessment: Surgeon Versus Non-surgeon Raters | Original | Northwestern University | yes | no | | | | | X | | | | | | |
| Rooney | Deborah | PhD | AEI2012 | Can Peers be Used to Assess Resident Performance in the Skills Laboratory? | Original | Northwestern University | no | no | X | X | X | X | | | X | | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| Rooney | Deborah | PhD | AEI2012 | Using a Many-Facet Rasch Measurement Approach for Validation of Central Venous Catheter Tool Used in Verification of Proficiency Examination | Original | Northwestern University | yes | no | X | X | X | | | | | | | |
| Rooney | Deborah | PhD | AEI2013 | Fundamentals of Laparoscopic Surgery Manual Test: Is videotaped performance assessment an option? | Work in Progress | University of Michigan | no | no | X | | X | X | | | | | | |
| Rooney | Deborah | PhD | AEI2014 | A Video-based Method for Assessing Proctors' Scoring of the Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Exam | Original | University of Michigan | no | no | | | X | X | | | | | | |
| Rooney | Deborah | PhD | AEI2015 | A Simulator and two tools: Validation of performance measures from a novel neurosurgery simulator using the current Standards framework | Descriptive | University of Michigan | no | yes | X | X | X | | X | X | | | | |
| Rooney | Deborah | PhD | AEI2016 | Evaluation of a Multispecialty, Self-Directed, Simulation-based Learning Program | Original | University of Michigan | no | no | | | X | X | | | | | | |
| Rooney | Deborah | PhD | AEI2017 | Value-based Simulator Selection: The Creation and Evaluation of the Simulator Value Index Tool | Original | University of Michigan | yes | yes | | | | | | | | | | |
| Rooney | Deborah | PhD | AEI2018 | Michigan Hip Curriculum: Early evaluation of a new curriculum for diagnosis of developmental hip dysplasia | Innovative Techniques | University of Michigan | no | no | X | | | | | | | | | |
| Rowse | Phillip | MD | AEI2014 | Simulating Azygos Vein Ligation - Deliberate Practice is Invaluable | Original | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | |
| Rowse | Phillip | MD | AEI2014 | Video Skills Curricula and Simulation: A Synergistic Way to Teach Two-Layered Handsewn Small Bowel Anastomosis | Original | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | |
| Ruis | Andrew | PhD | AEI2017 | Modeling Operative Thinking in a Simulation-Based Continuing Medical Education Course on Laparoscopic Hernia Repair | Original | University of Wisconsin | no | no | | X | | | | | | | | |
| Ruparel | Raaj | MD | AEI2013 | A \$4.87 Model for Teaching and Assessing Basic Tube Thoracostomy Techniques | Original | Mayo Clinic Rochester | no | no | | X | | | | | | | | |
| Ruparel | Raaj | MD | AEI2013 | Perceptions of Surgical Task Trainers – What Do Trainees Prefer? | Original | Mayo Clinic Rochester | no | no | X | X | X | X | | | | | | |
| Ruparel | Raaj | MD | AEI2013 | Pushing the Milestone Project Further: Using X-Games (Simulation-Based Assessment) to Determine Promotional Eligibility among General Surgery Residents – A Preliminary Experience | Original | Mayo Clinic Rochester | no | no | | X | X | X | | | | | | |
| Ruparel | Raaj | MD | AEI2013 | Teaching the Essentials of Endocrine Surgery via Low-Cost, Low-Fidelity Simulation – A Clever Use of Yarn and Felt | Original | Mayo Clinic Rochester | no | no | X | X | X | | | X | | | | |
| Ruparel | Raaj | MD | AEI2014 | Complications Related to Chest Tube Placement at the Mayo Clinic and a Plan for Quality Improvement | Original | Mayo Clinic Rochester | no | no | X | X | | X | X | X | | | | |
| Rush | Robert | MD | AEI2013 | Utilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather conditions. | Original | Madigan Army Medical Center | no | no | X | X | X | X | X | | | | | |
| Saleem | Humza | MD | AEI2018 | Low Fidelity Materials Yield High Resolution Assessment of Anatomical Knowledge... Really? Sepsis Training using Interactive Virtual Reality (IVR) | Original Paper | Mayo Clinic Rochester | no | yes | X | | X | | | | | | | |
| Sankaran | Naveen Kumar | MS | AEI2017 | A Hybrid 3-D VR/Physical Pelvis for Training Surgically Relevant Anatomic Principles | Original | University of Illinois-Urbana | yes | no | X | X | X | X | | | | | | |
| Santos | Erlan | MD | AEI2011 | A Hybrid 3-D VR/Physical Pelvis for Training Surgically Relevant Anatomic Principles | Original | University of Minnesota/SimPORTAL | no | no | X | X | X | | | | | | | |
| Sarosi | George | MD | AEI2018 | Towards Surgeon-Authored VR Training: the Authoring Interface | Poster Presentation | University of Florida | yes | no | | X | | | | | | | | Surgeon-Authored VR Training |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| Satava, Jr. | Richard | MD, FACS | AEI2012 | Report on the First Consensus Conference on the Fundamentals of Robotic Surgery: Outcome Measures | Original | University of Washington/ISIS | yes | no | NA | NA | NA | NA | NA | NA | | | | |
| Satava, Jr. | Richard | MD, FACS | AEI2012 | Update on the Progress to Establish National and International Collaboration on Curriculum Development - The ASSET and FRS Experience | Descriptive | University of Washington/ISIS | no | no | X | | | | X | | | | | |
| Satterly | Steven | MD | AEI2012 | Hemostasis in a non-compressible hemorrhage model: an end-user evaluation of hemostatic agents in a proximal arterial injury | Original | Madigan Army Medical Center | no | no | | | | X | X | X | X | | | |
| Sawyer | John | BS | AEI2017 | Time Crunch: Increasing the Efficiency of Technical Surgical Skill Assessment via Brief Video Clips | Original | Medical University of South Carolina | yes | yes | | | | | | | | | | |
| Sbrocchi | Tyler | MD | AEI2018 | Efficacy of Simulation-Based Training for Laparoscopic Intraoperative Cholangiography | Innovative Techniques | Riverside Methodist Hospital | no | no | X | X | | | | | | | | |
| Schaffhausen | Cory | PhD | AEI2016 | Crowdsourcing Unmet Needs in Simulation-Based Education and Technology | Original | University of Minnesota | no | no | | | | | | | | | | |
| Schommer | Jillian | BS | AEI2019 | Development of a Tendon Repair Simulation Model: A Preliminary Evaluation | Poster Presentation | University of Minnesota Medical School | yes | no | | X | | | | | | | | |
| Scott | Daniel | MD, FACS | AEI2008 | Regional Collaboration for Technical Skills Training in Surgery Residencies | NA | UT Southwestern | no | no | | | | | X | | | | | |
| Seagull | F. Jacob | PhD | AEI2013 | Filling a void: Developing standard subjective assessment tool for surgical simulation through systematic review of current practices | Original | University of Michigan | no | yes | | X | X | | | | | | | |
| Sevak | Shrunti | MD | AEI2016 | A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures | Original | Beaumont Health System | no | no | | | | X | X | | | | | |
| Sevak | Shrunti | MD | AEI2016 | Gelatin paravertebral spine model – A practical design for training general surgery resident's basic skills in placement of a continuous infusion catheter | Original | Beaumont Health System | no | no | | | | X | X | | | | | |
| Sevak | Shrunti | MD | AEI2016 | Solid, cystic and tubular – A compact gelatin-training model for teaching basic skills in ultrasound-guided procedures to general surgery residents | Original | Beaumont Health System | no | no | | | | X | X | | | | | |
| Shabahang | Mohsen | MD, PhD | AEI2009 | An Evaluation of the Usefulness of the Standardized Patient Methodology in the Assessment of Surgery Residents' Communication and Professionalism | Work in Progress | Texas A&M / Scott and White | no | no | | | | | | | | | | X |
| Shaikh | Nizamuddin | MBBS | AEI2019 | Knot-tying Struggles for Surgical Interns: Bare Hands vs. Gloves vs. Gloves with Butter | Original Paper | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | |
| Shanley | Charles | MD, FACS | AEI2011 | Toward the Development of an Observer-Based Tool for Assessing, Debriefing, and Trending Higher-Order Skills During Laparoscopic Surgery | Original | Beaumont Health System | no | no | X | X | X | | | | | | | |
| Sharma | Bharat | MD | AEI2010 | Non-Technical Skills Assessment in the Post Operative Setting | Descriptive | University of Toronto | no | no | | | X | | | | X | | | |
| Sharma | Bharat | MD | AEI2011 | Assessing the Impact of Debriefing on Mental Workload | Original | University of Toronto | no | no | | | X | X | | X | | | | |
| Sheth | Nihar | | AEI2018 | Ultrasound guidance training enhancement using Instrument tracking | Poster Presentation | UIC | no | no | | X | | | | | | | | |
| Shim | Woojin | | AEI2008 | Automated and Centralized Simulation Data Repository | NA | University of Michigan | no | no | | | | X | | | | | | |
| Sinanan | Mika | MD, PhD | AEI2011 | Enterprise Deployment of a Simulation-based Training and Management program for Central Venous Catheters | Original | University of Washington/ISIS | no | no | X | | | | | X | X | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | | | | |
| Singh | Pritam | MBBS, MA, MRCS | AEI2013 | A Comparison of Surgical Training Quality Between the UK and the USA | Original | Imperial College London | yes | no | | | | X | | | X | | | | | | | |
| Singh | Pritam | MBBS, MA, MRCS | AEI2013 | International Consensus on Defining and Measuring Quality in Surgical Training | Original | Imperial College London | yes | no | | | | | | | X | X | | | | | | |
| Singh | Pritam | MB, BS, MA, MRCS | AEI2014 | A Randomized Controlled Study to Evaluate the Role of Video-Based Coaching in Training Laparoscopic Skills | Original | Imperial College London | yes | no | X | X | X | X | X | X | | | | | | | | |
| Siparsky | Nicole | MD | AEI2018 | Modernizing educational paradigms by integrating surgical simulation across surgical specialties | Poster Presentation | Rush University Medical Center | no | no | X | | | | | | | | | | | | | |
| Sirratsivawong | Kris | MD | AEI2015 | Immersion Team Training In Realistic Environment Improves Performance In Trauma Resuscitation | Original | United States Medical Corps. (Naval Medical Center San Diego) | no | yes | X | X | X | X | X | X | | | | | | | | |
| Sisley | Amy | MD | AEI2018 | The Use of a Virtual Reality Trauma Simulation to Teach Team Roles and Communication | Innovative Techniques | Banner University Medical Center | yes | no | | | | X | | | | | | | | | | |
| Somani | Sneha | BS | AEI2015 | Comparing Mechanical Tissue Properties of Simulator, Animal, and Human Tissue | Original | University of Minnesota | no | no | X | X | | | | X | | | | | | | | |
| Sonnadara | Ranil | PhD, MSc | AEI2010 | Orthopaedic boot camp: Examining the effectiveness of an intensive surgical skills course | Original | University of Toronto | no | yes | X | X | X | X | X | | X | | | | | | | |
| Sonnadara | Ranil | PhD, MSc | AEI2011 | Orthopaedic boot camp II: Examining retention rates for skills taught through an intensive laboratory-based surgical skills course | Original | Mount Sinai Hospital | yes | yes | | | | X | | X | | | | | | | | |
| Sonnadara | Ranil | PhD | AEI2012 | Orthopaedic Boot Camp III: Examining the efficacy of student-regulated learning during an intensive laboratory-based surgical skills course | Original | University of Toronto | no | yes | X | X | X | | | | | | | | | | | |
| Spalding | Carmen | PhD | AEI2016 | CPR Devices & Impact on Infant Chest Compressions | Original | Naval Med Ctr San Diego | no | no | | | | | X | X | | | | | | | | |
| Spight | Donn | MD, FACS | AEI2015 | The Creation of PGY Level Specific FLS Proficiency Benchmarks Allows for Longitudinal Tracking of Multiple General Surgery Milestones Domains | Descriptive | VirtuOHSU | no | no | X | X | X | | | | | | | | | | | |
| St. Hilaire | Cameron | | AEI2014 | Development and assessment of a simulator for open abdominal procedures: The DeepCAV | Original | University of Washington/ISIS | no | no | | | | X | | | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS | AEI2009 | Increased Stress Levels May Explain the Incomplete Transfer of Simulator-Acquired Skill to the Operating Room | NA | Carolinas Healthcare System | no | yes | | | | | | | | | | X | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS | AEI2009 | Lessons Learned from 10-year Experience with Postgraduate Courses for Surgeons | NA | Carolinas Healthcare System | no | no | | | | | | | | | | | X | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS | AEI2010 | Proving the Value of Secondary Task Metrics for Performance Assessment on Surgical Simulators | Original | Carolinas Healthcare System | yes | no | | | | | X | | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD | AEI2011 | Assessing the Value of the State Trait Anxiety Inventory for the Assessment of Intraoperative Stress Associated with Skill Transfer | Original | Carolinas Healthcare System | no | no | X | X | | | | | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS | AEI2012 | Cadavers versus Pigs: Which are Better for Procedural Training of Surgery Residents Outside the OR? | Original | Carolinas Healthcare System | no | yes | X | X | X | | | | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | AEI2014 | Who is the Ideal Partner for the Interdisciplinary Training of Surgery Residents? | Original | Carolinas Healthcare System | no | no | X | X | X | X | X | X | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | AEI2015 | A Novel Mental Skills Curriculum Minimizes Deterioration of Simulator-acquired Skill During Transfer to the Operating Room | Original | Carolinas Healthcare System | no | no | X | X | X | | | | | | | | | | | |
| Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | AEI2015 | Developing a Coaching Mechanism for Practicing Surgeons | Original | Carolinas Healthcare System | no | yes | X | X | X | | | | X | X | | | | | | |

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| Stefanidis | Dimitrios | MD, PhD, FACS, FASMBS | AEI2016 | Mental Practice Enhances Retention of Simulator-Acquired Surgical Skill: Results of a Randomized Controlled Trial | Original | Carolinas Healthcare System | no | no | | | | | | | | | | | |
| Stevens | Ronald | PhD | AEI2019 | How Well do Dynamic Models of Teamwork in Surgical Simulations Reflect those of Live Patient Encounters? | Poster Presentation | UCLA School of Medicine / The Learning C | yes | no | | | | | | | | | | | Surgical Research |
| Sudan | Ranjan | MD | AEI2011 | Augmenting Technical Skills Training Through Applications of Video, Neuro-feedback and Guided Imagery Training | Original | Duke University Medical Center | no | no | | | X | | | | | | | | |
| Sullivan | Sarah | PhD | AEI2017 | Using Epistemic Network Analysis to Identify Targets for Educational Interventions in Trauma Team Communication | Original | University of Wisconsin | no | yes | | | | X | | | | | | | |
| Sultana | Carmen | MD, FACS | AEI2010 | The Development and Implementation of a Simulation-based Curriculum to Teach Interns Invasive Skills | Original | Thomas Jefferson University | no | no | X | X | X | X | | | | | | | |
| Sultana | Carmen | MD | AEI2011 | A Simulation Assessment Tool for Tubal Ligation | Work in Progress | Thomas Jefferson University | no | no | X | X | X | | | | | | | | |
| Sundin | Andrew | MD | AEI2017 | A Comprehensive Surgical Simulation Laboratory Improves Student Preparation for Surgical Internship | Descriptive | University of Minnesota | no | no | X | X | X | | | | | | | | |
| Sweet | Robert | MD, FACS | AEI2008 | University of Minnesota PeriOperative Resource for Training and Learning (SimPORTAL) | NA | University of Minnesota/SimPORTAL | no | no | | | X | | | | | | | | |
| Sweet | Robert | MD, FACS | AEI2011 | The Surgical Simulation Fellowship Program: Developing International Surgical Leaders in the Art and Sciences of Simulation | Descriptive | University of Minnesota/SimPORTAL | no | no | X | X | | | X | | | | | | |
| Sweet | Robert | MD, FACS | AEI2015 | Comparing Simulators and Live tissue for life-saving hemorrhage and airway procedures: Evaluation of Critical Failures | Original | University of Minnesota/SimPORTAL | yes | no | X | X | X | | | | | | | | |
| Sykes | Edward | PhD | AEI2019 | Comparing reverse half-hitch alternating post surgical knots and square knots for closure of enterotomy in a simulated deep body cavity: A Randomized Controlled Trial. | Original Paper | Queen's University, School of Medicine | yes | no | | | X | | | | | | | | |
| Szasz | Peter | MD | AEI2014 | Assessing Technical Competence in Surgical Trainees: A Systematic Review | Original | University of Toronto | yes | no | | | X | X | X | | X | | | | |
| Tanaka | Ryota | MD, PhD | AEI2015 | Dedicated Two Week Proficiency-based Simulation Curriculum for Surgical Residents | Work in Progress | Grainger (NorthShore University) | no | no | X | X | X | | | | X | | | | |
| Taylor | Zachary | DO | AEI2017 | Performance on a Physical Endoscopic Simulation Platform Predicts Performance on the Fundamentals of Endoscopic Surgery (FES) Manual Skills Exam | Original | USU | yes | no | X | | | X | | | | | | | |
| Telford | Britany | BS | AEI2017 | Successful Computerizing the ATLS® Post-Test: Outcome of an AEI Multisite Study | Original | CAMLS | yes | no | X | | | X | | | | | | | |
| Thomas | J. Scott | MD, FACS | AEI2012 | Interprofessional Education: Simulation-based Mass Casualty Exercise | Descriptive | Texas A&M / Scott and White | yes | no | X | | | | X | | | | | | |
| Tieman | Michael | MD, FACS | AEI2017 | Effects of a Surgical Simulation Course on Undergraduate Surgical Clerkship Performance | Original | Rocky Vista University | no | no | | | | | | | | | | | |
| Trickey | Amber | PhD, MS | AEI2016 | Patient-Centered Communication for Surgical Residents: A Simulation-Based Curriculum | Original | INOVA Health System | no | no | | | X | X | X | | | | | | |
| Trickey | Amber | PhD, MS | AEI2017 | Operating Room Crisis Checklists: Development of Simulation Training | Work in Progress | INOVA | no | no | X | | | | | X | | | | | |
| Trunekova | Jirina | BS | AEI2014 | The Implementation of a Body Donation Program to Support Surgical Education at an Accredited Education Institute | Descriptive | Lahey Health System | no | no | | | | | | | | | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other | |
| Vakayil | Victor | MB, BS | AEI2017 | Point-of-care Bedside Ultrasound Training: Expansion within a Surgical Internship Preparation Curriculum | Descriptive | University of Minnesota | no | no | X | X | X | X | | | | | | | |
| Velic | Andrew | BS | AEI2018 | Competence-based Mastery Learning for Chest Tube Placement: A Study of Anxiety, Confidence, and Performance | Original Paper | UWSMPH | no | yes | X | X | | | | | | | | | |
| Verma | Yash | MBBS/Bsc | AEI2019 | A prospective, Randomised, Controlled Trial assessing the rate of decay of virtual reality colonoscopy (psychomotor) skill | Poster Presentation | Queen Elizabeth Hospital, Birmingham | yes | no | X | | X | | | | | | | Rate of decay of psychomotor skill (by extension surgical skill) using VR colonoscopy simulator. | |
| Viezel-Mathieu | Alex | MD, BS | AEI2017 | Development of a Breast Reconstruction Training Environment | Original | McGill University | no | no | | | | | | | | | | | |
| Wagner | Natalie | BSc(Hons) | AEI2017 | Conflicting Opinions on the Use of Simulation for Nontechnical Skill Development at the Onset of Residency Training | Original | McMaster University | no | no | X | X | | | | | | | | | |
| Walczak | Edward | BS | AEI2019 | Development of a Laparoscopic Trocar Placement Simulation Model: A Preliminary Evaluation | Poster Presentation | University of Minnesota Medical School | no | no | X | | | | | | | | | Simulation Model | |
| Wali | Eisha | BS | AEI2015 | Teaching Professionalism in Graduate Medical Education: What is the Role of Simulation? | Work in Progress | Case Western | yes | yes | X | X | | X | | | | | | | |
| Wallace | Gabriel | MD | AEI2014 | Worth a thousand words: Google Glass in surgery | Descriptive | University of Washington/ISIS | no | no | | X | | | X | X | | | | | |
| Wang | Andrew | MD | AEI2016 | Peroral Endoscopic Myotomy Curriculum For The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms | Original | Naval Med Ctr San Diego | no | no | X | | | | | | | | | | |
| Wang | Yuding | MD | 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 | McMaster University | yes | no | X | | | | | | | | | | |
| Wang | Yuding | MD | AEI2018 | Validation of a Low-cost Ultrasound Compatible Suprapubic Catheter Insertion Training Model | Poster Presentation | McMaster University | no | no | | X | | | | | | | | | |
| Wehbe-Janek | Hania | PhD | AEI2011 | Residents' Perspectives on the Value of Simulation in a General Surgery Residency Curriculum | Original | Texas A&M / Scott and White | yes | yes | | | X | X | | | | | | | |
| Weis | Joshua | MD | AEI2018 | Assessing Quality and Resources During Campus-wide Simulation Integration | Poster Presentation | UT Southwestern | no | no | X | | | | | | | | | | |
| Wiatrek | Rebecca | MD | AEI2009 | Interprofessional Education: Simulation-based Mass Casualty Exercise | Descriptive | Texas A&M / Scott and White | no | no | | | | | | | | X | | | |
| Wilcox, Jr | Victor | MD | AEI2013 | A Proficiency-based Da Vinci® Skills Simulator(TM) Training Curriculum | Original | MITIE | no | no | X | | | | | | | | | | |
| Willaert | Willem | MD | AEI2011 | Patient-Specific Simulated Rehearsal for the Carotid Artery Stenting Procedure | Original | Imperial College London | yes | no | | X | | X | X | X | | | | | |
| Wisbach | Gordon | MD, MBA | AEI2019 | Proficiency Based Training Program For Performing Complex Gastrointestinal Surgery – How And Why To Learn The Robotic-Assisted Laparoscopic Gastric Bypass In The Military | Original Paper | Naval Medical Center San Diego | no | no | | X | | | | | | | | | |
| Wright | Andrew | MD, FACS | AEI2010 | A Novel Basic Open Technical Skills Curriculum with Self- and Expert-administered Assessment Tools | Descriptive | University of Washington/ISIS | no | no | X | | X | X | | | | | | | |

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 Innovative Techniques, Original Paper and Poster Presentation (2018-Current)

| Last Name | First Name | Credentials | Abstract Year | Abstract Title | Type of Abstract | Institute | Categories of Research | | | | | | | | | | | |
|-----------|------------|---------------|---------------|--|---------------------|--|---------------------------|---------------------------------|------------------------|------------------|---------------------|---------------------|----------------|-------------------|---------------|-----------|----------------|-------|
| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| Wright | Andrew | MD, FACS | AEI2010 | Development and Implementation of a System-Wide Central Venous Catheterization Curriculum | Descriptive | University of Washington/ISIS | no | no | X | X | | X | X | | | | | |
| Wright | Andrew | MD, FACS | AEI2011 | A Structured Self-Directed Basic Skills Curriculum for Novices Results in Technical Performance Approaching that of Intermediate-level Residents | Original | University of Washington/ISIS | no | yes | | X | X | | | | | | | |
| Wright | Andrew | MD, FACS | AEI2011 | Validation of a Novel Assessment Tool for Central Venous Catheterization | Original | University of Washington/ISIS | no | no | X | X | X | X | X | | | | | |
| Yang | Irene | | AEI2009 | Relevance of various components of Surgical Skill Training workshop | NA | Temple University Hospital | no | no | | | | | | | X | | | |
| Yarger | John | MD | AEI2012 | Characteristics in Response Rates for Surveys Administered to Surgical Residents | Original | University of Vermont | no | yes | X | | X | X | | | | | | |
| Yeo | Caitlin | MD | AEI2018 | Surgery Tutor – An Open Source Platform for Assessment of Technical Proficiency: A Validation Study in a Simulated Setting | Poster Presentation | Queen's University | no | no | | | X | | | | | | | |
| Yi | William | MD | AEI2013 | Learning to round before rounds | Descriptive | SITEL's Clinical Simulation Center of MedStar Health | no | no | X | X | X | | | | | | | |
| Young | Andrew | DDS, DNB | AEI2014 | Emergency Medical Simulation Training for the General Dental Resident | Descriptive | UT Center for Advanced Medical Simulation/UTMCK | no | no | X | X | | | X | | | | | |
| Zak | Yulia | MD | AEI2011 | A novel approach to the resident skills curriculum: modules on rare and common procedures linked together with simulators created by the learner. | Original | Stanford Medical Center | no | no | X | X | X | | | | | | | |
| Zendejas | Benjamin | | AEI2010 | Improving Surgical Skills Through Simulation Education | Original | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | |
| Zendejas | Benjamin | | AEI2010 | YouTube Video + Simulation = Master TEP Hernia Surgeon? | Work in Progress | Mayo Clinic Rochester | no | no | X | X | | X | | | | | | |
| Zendejas | Benjamin | MD | AEI2011 | Setting Mastery Learning Standards for Laparoscopic TEP Inguinal Hernia Repair Simulator Training | Original | Mayo Clinic Rochester | no | no | X | X | X | | | | | | | |
| Zevin | Boris | MD | AEI2011 | Design and Validation of a Surgical Skills Assessment Tool for Laparoscopic Roux-en-Y Gastric Bypass | Work in Progress | University of Toronto | yes | no | X | | X | | X | | | | | |
| Zevin | Boris | MD | AEI2012 | A comparison of self versus external assessment for technical tasks in surgery. | Descriptive | University of Toronto | no | no | | | X | | | | | | | |
| Zevin | Boris | MD | AEI2014 | Implementation and Evaluation of a Comprehensive Simulation-Enhanced Upper GI Training Curriculum in a Large Academic General Surgery Residency Training Program | Original | University of Toronto | no | no | X | X | X | X | | | | | | |
| Zevin | Boris | MD, PhD, FRCS | AEI2018 | Implementation and Evaluation of a Comprehensive Proficiency-Based Upper GI Curriculum: A Multi-Institutional Canadian Experience | Poster Presentation | Queen's University | yes | no | X | X | | | | | | | | |
| Zheng | Bin | PhD | AEI2010 | Investigating of Surgeon's Vigilance on Patient's Condition Using Eye-Tracking Techniques | Original | CESEI | yes | no | | | X | | X | X | | | | |
| Zheng | Bin | PhD | AEI2010 | Quantifying Surgeon's Contribution to Team Effectiveness on a Mixed Team with a Junior Surgeon | Original | CESEI | yes | yes | X | | X | | | X | | | | |
| Zheng | Bin | MD, PhD | AEI2011 | Enlarging the Scope of ACS Accredited Education Institutes for Learners in Different Disciplines | Descriptive | CESEI | no | no | X | X | | | | | | | | |
| Zheng | Bin | MD, PhD | AEI2011 | Mastering Instruments at Hands before Operating on Patient - Role of Simulation in Training of Tool Use Skills | Original | CESEI | no | no | | | | | | X | | | | |

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| | | | | | | | Multi-Institutional Study | Manuscript Published in Surgery | Curriculum Development | Teaching Methods | Learner Evaluations | Program Evaluations | Patient Safety | Surgical Outcomes | Investigation | Education | In-Development | Other |
| Zigmont | Jason | PhD | AEI2013 | Understanding Experiential Learning Styles in Residency | Original | OhioHealth | no | no | | X | X | | | | | | | |
| Zigmont | Jason | PhD | AEI2014 | Innovative Approach to Faculty Development Utilizing Simulation | Original | OhioHealth | no | no | X | X | | | X | X | | | | |
| Zigmont | Jason | PhD | AEI2015 | Teaching Teamwork and Checklists Through Live 'Simulations' in the OR with Intact Care Teams Improves Buy-In | Descriptive | OhioHealth | no | no | | X | X | X | X | | | | | |
| Zoghbi | Veronica | MD | AEI2018 | The Successful Integration of a Non-Clinical Skills Curriculum into Surgery Intern Boot Camp | Original Paper | UPENN | no | no | | X | | | | | | | | |