

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research										
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
AEI2008	A Multi-Disciplinary Approach to Innovation in Surgical Education	NA	no	no	Aggarwal	Rajesh	MD, PhD, MA, FRCS	Imperial College London	X										
AEI2008	Imperial College Competency Assessment Tool (ICCAT)	NA	no	no	Aggarwal	Rajesh	MD, PhD, MA, FRCS	Imperial College London	X										
AEI2008	Implementation and Educational Outcomes for a Central Line Workshop Subtitle: A Simulation Center and Procedural Skills Lab Collaborative	NA	no	no	Dunn	William	MD	Mayo Clinic Rochester	X										
AEI2008	Long-term Impact of the Robot Assisted Laparoscopic Prostatectomy Mini-Residency Training on Post-Graduate Urologic Practice Patterns	NA	no	no	Louie	Michael	MD	UC Irvine	X						X				
AEI2008	Regional Collaboration for Technical Skills Training in Surgery Residencies	NA	no	no	Scott	Daniel	MD, FACS	UT Southwestern	X										
AEI2008	The MASTRI Center	NA	no	no	Park	Adrian	MD	MASTRI	X										
AEI2010	A Focused and Dedicated One Week Basic Skills Curriculum Is Adequate To Reach The Expected Proficiency Level For First Year Surgery Residents In A Busy Residency Program.	Original	no	no	Chandrakaladhar	Ben Selvan	MS	Penn Medicine Clinical Simulation Center	X	X	X	X							
AEI2010	A Novel Basic Open Technical Skills Curriculum with Self- and Expert-administered Assessment Tools	Descriptive	no	no	Wright	Andrew	MD, FACS	University of Washington/ISIS	X	X		X							
AEI2010	Assessment of the core competencies in general surgery residents: A single institution experience	Non-AEI	no	no	Alterman	Daniel	MD	UT Center for Advanced Medical Simulation/UTMCK	X			X			X				
AEI2010	Deconstructing Laparoscopic Competence in a Virtual Reality Simulation Environment	Original	no	yes	Loukas	Costas	PhD	University of Athens	X			X							
AEI2010	Deficiencies of the Surgical Curriculum Exposed	Original	no	no	Montero	Paul	MD	Carolinas Healthcare System	X	X	X	X							
AEI2010	Development and Implementation of a System-Wide Central Venous Catheterization Curriculum	Descriptive	no	no	Wright	Andrew	MD, FACS	University of Washington/ISIS	X	X	X		X						
AEI2010	Laparoscopic training in the UK	Original	no	no	Brown	Daniel		Imperial College London	X		X								
AEI2010	Orthopaedic boot camp: Examining the effectiveness of an intensive surgical skills course	Original	no	yes	Sonnadara	Ranil	PhD, MSc	University of Toronto	X	X	X	X			X				
AEI2010	Simulation-based distance education: practice and challenges	Original	no	no	Koval	Valentyna		CESEI	X	X	X	X							
AEI2010	Simulation-based mock code curriculum correlates with increased pediatric CPA survival rates	Original	no	no	Andreatta	Pamela	EdD, MFA, MA	University of Michigan	X	X	X		X	X					
AEI2010	Surgical In-situ Simulations	Work in Progress	no	no	Hamman	William	MD, PhD	Beaumont Health System	X	X	X								
AEI2010	The Current Educational Value of Morbidity & Mortality Conference	Original	no	no	Mitchell	Erica	MD, FACS	VirtuOHSU	X			X							
AEI2010	The Development and Implementation of a Simulation-based Curriculum to Teach Interns Invasive Skills	Original	no	no	Suitana	Carmen	MD, FACS	Thomas Jefferson University	X	X	X	X							
AEI2010	The Missing Link: Integrating the Patient Population with Surgical Education through Web-based Training and In-situ Simulation@	Research Idea	no	no	Hamman	William	MD, PhD	Beaumont Health System	X	X	X		X						
AEI2010	When Do Physicians Learn Invasive Clinical Skills?	Original	no	no	Berg	Katherine	MD	Thomas Jefferson University	X			X							
AEI2010	YouTube Video + Simulation = Master TEP Hernia Surgeon?	Work in Progress	no	no	Zendejas	Benjamin		Mayo Clinic Rochester	X	X	X								

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research										
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
AEI2011	Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Assessment: Surgeon Versus Non-surgeon Raters	Original	yes	no	Rooney	Deborah	PhDc	Northwestern University	X										
AEI2011	Interdisciplinary team training identified significant discrepancies between institutional policies and clinical practice	Descriptive	no	no	Andreatta	Pamela	PhD	University of Michigan	X				X						
AEI2011	Interdisciplinary team training led to successful management of a rare Obstetric emergency	Original	no	no	Andreatta	Pamela	PhD	University of Michigan	X		X		X	X					
AEI2011	Orthopaedic boot camp II: Examining retention rates for skills taught through an intensive laboratory-based surgical skills course	Original	yes	yes	Sonnadara	Ranil	PhD, MSc	Mount Sinai Hospital	X		X								
AEI2011	Patient-Specific Simulated Rehearsal for the Carotid Artery Stenting Procedure	Original	yes	no	Williaert	Willem	MD	Imperial College London	X		X		X	X					
AEI2011	Residents' Perspectives on the Value of Simulation in a General Surgery Residency Curriculum	Original	yes	yes	Wehbe-Janek	Hania	PhD	Texas A&M / Scott and White	X				X						
AEI2011	Simulation for Operative Laparoscopic skill Advancement of Residents (SOLAR): A Global Study	Original Paper	no	no	Aggarwal	Rajesh	MD, MA, PhD, MRCS	Imperial College London	X	X	X	X							
AEI2011	Simulator leads to clinical practice changes for bimanual uterine compression to control	Descriptive	no	no	Andreatta	Pamela	PhD	University of Michigan	X		X								
AEI2011	The Surgical Simulation Fellowship Program: Developing International Surgical Leaders in the Art and Sciences of Simulation	Descriptive	no	no	Sweet	Robert	MD, FACS	University of Minnesota/SimPORTAL	X	X	X								
AEI2011	Transfer of skills between virtual colonoscopy and laparoscopy	Original	yes	no	Enochsson	Lars	MD, PhD	Karolinska University Hospital	X		X								
AEI2011	Validation of a Novel Assessment Tool for Central Venous Catheterization	Original	no	no	Wright	Andrew	MD, FACS	University of Washington/ISIS	X	X	X	X	X						
AEI2012	Can Peers be Used to Assess Resident Performance in the Skills Laboratory?	Original	no	no	Rooney	Deborah	PhD	Northwestern University	X	X	X	X		X					
AEI2012	Characteristics in Response Rates for Surveys Administered to Surgical Residents	Original	no	yes	Yarger	John	MD	University of Vermont	X	X		X							
AEI2012	Evaluating General Surgery Residents: Is it Worth an Olympic Effort?	Original	no	no	Hernandez-Irizarry	Roberto	BS	Mayo Clinic Rochester	X	X	X	X							
AEI2012	Hemostasis in a non-compressible hemorrhage model: an end-user evaluation of hemostatic agents in a proximal arterial injury	Original	no	no	Satterly	Steven	MD	Madigan Army Medical Center	X			X	X	X					
AEI2012	Interprofessional Education: Simulation-based Mass Casualty Exercise	Descriptive	yes	no	Thomas	J. Scott	MD, FACS	Texas A&M / Scott and White	X	X									
AEI2012	Laparoscopic Cholecystectomy Simulation-Based Training: Does the Type of Trainer Matter?	Original	no	no	Paige	John	MD, FACS	LSUHSC-New Orleans	X	X	X	X	X	X					
AEI2012	LVHN The Level II Accreditation Journey	Descriptive	no	no	Feher	Cathyann	RN, MSN	Lehigh Valley Health Network	X	X									
AEI2012	Nurse Training with Simulation: An Innovative Approach to Teach Complex Microsurgery Patient Care	Descriptive	no	no	Potochny	John	MD, FACS	Penn State Hershey Medical Center	X	X	X								
AEI2012	Simulation Based Training in High Risk/Low Frequency Situations: A Case Presentation	Descriptive	no	no	Radcliffe	Benjamin	MD	Riverside Methodist Hospital	X	X	X	X	X	X					
AEI2012	Simulation enhances surgery residents opinion on the importance of team working	Original	no	no	Breaud	Jean	MD, PhD	University of Nice	X		X		X						
AEI2012	Skills transfer between basic laparoscopic and colonoscopic simulator training	Original	no	no	Enochsson	Lars	MD, PHD	Karolinska University Hospital	X		X	X		X					

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research										
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
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	no	yes	Korndorffer, Jr.	James	MD, MHPE, FACS	Tulane University School of Medicine	X			X							
AEI2012	The Anatomy of Bronchoscopy Simulation: Enhancing Experiential Learning through Embedded Research Algorithms (EMA)	Work in Progress	no	no	Hafey	Robert	BS	SITEL's Clinical Simulation Center of MedStar Health	X	X	X	X	X						
AEI2012	Transfer Effectiveness for a Virtual Reality Laparoscopic Appendectomy Curriculum	Original	yes	no	Acharya	Amish	BSc	Imperial College London	X	X	X								
AEI2012	Update on the Progress to Establish National and International Collaboration on Curriculum Development - The ASSET and FRS Experience	Descriptive	no	no	Satava, Jr.	Richard	MD, FACS	University of Washington/ISIS	X	X									
AEI2012	Variations in Procedure Time Based on PGY Level of General Surgery Residents	Descriptive	yes	no	Johnson	Jeremy	MD	University of Oklahoma	X	X	X	X		X					
AEI2013	A Comparison of Surgical Training Quality Between the UK and the USA	Original	yes	no	Singh	Pritam	MBBS, MA, MRCS	Imperial College London	X		X								
AEI2013	An Interdisciplinary Boot Camp Where Interns and Nurses Learn Together	Descriptive	no	no	Bourgeois	Darlene	MSN, RN	Lahey Health System	X	X	X								
AEI2013	Crew resource management training in surgical residency programs: A survey of North American program directors	Original	no	no	Dedy	Nicholas	MD	St. Michael's Hospital/University of Toronto	X	X	X								
AEI2013	Face, content, construct validity and learning curve in robotic surgery simulation training: results of a multicentric evaluation of dV-Trainer®	Original	yes	no	Perrenot	Cyril	MD	Lorraine University	X	X	X	X							
AEI2013	Fundamentals of Laparoscopic Surgery Manual Test: Is videotaped performance assessment an option?	Work in Progress	no	no	Rooney	Deborah	PhD	University of Michigan	X	X		X							
AEI2013	International Consensus on Defining and Measuring Quality in Surgical Training	Original	yes	no	Singh	Pritam	MBBS, MA, MRCS	Imperial College London	X				X						
AEI2013	Introduction of VR Simulation Based National Training Course on Neurosurgery at Congress of Neurological Surgeons (CNS): Preliminary Results	Research Idea	no	no	Roitberg	Ben	MD	University of Chicago	X	X	X	X		X					
AEI2013	Perceptions of Surgical Task Trainers – What Do Trainees Prefer?	Original	no	no	Ruparel	Raaj	MD	Mayo Clinic Rochester	X	X	X	X							
AEI2013	Pushing the Milestone Project Further: Using X Games (Simulation-Based Assessment) to Determine Promotional Eligibility among General Surgery Residents – A Preliminary Experience	Original	no	no	Ruparel	Raaj	MD	Mayo Clinic Rochester	X		X	X							
AEI2013	The Community as a Learner Group	Descriptive	no	no	Feher	Cathyann	RN, MSN	Lehigh Valley Health Network	X				X						
AEI2013	The Effects of the Addition of a Pediatric Surgery Fellow on the Operative Experience of the General Surgery Resident	Descriptive	no	no	Raines	Alexander	MD	Oklahoma University Health Sciences Center	X		X								
AEI2013	The Future of Surgical Training: National Needs Assessment of Stakeholders	Original	yes	yes	Kim	Sara	PhD	ACS AEI Curriculum Committee Study Paper	X	X			X						
AEI2013	The Process and Content of Biostatistical Consultation within Simulation	Descriptive	no	no	Heidel	Robert	PhD	UT Center for Advanced Medical Simulation/UTMCK	X		X	X							
AEI2013	The Rationale for Combining Surgical Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater Resident Engagement and Satisfaction	Original	no	yes	AlJamal	Yazan	MD	Mayo Clinic Rochester	X	X	X	X							

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research										
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other	
AEI2013	Utilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather conditions.	Original	no	no	Rush	Robert	MD	Madigan Army Medical Center	X	X	X	X	X						
AEI2014	A Randomized Controlled Study to Evaluate the Role of Video-Based Coaching in Training Laparoscopic Skills	Original	yes	no	Singh	Pritam	MB, BS, MA, MRCS	Imperial College London	X	X	X	X	X						
AEI2014	A surgical educators armamentarium: Using Jeopardy to assess residents' retention and improvement of medical knowledge	Original	no	no	Abdelsattar	Jad	MB, BS	Mayo Clinic Rochester	X	X	X	X							
AEI2014	A Video-based Method for Assessing Proctors' Scoring of the Fundamentals of Laparoscopic Surgery (FLS) Manual Skills Exam	Original	no	no	Rooney	Deborah	PhD	University of Michigan	X			X							
AEI2014	Assessing Technical Competence in Surgical Trainees: A Systematic Review	Original	yes	no	Szasz	Peter	MD	University of Toronto	X		X	X		X					
AEI2014	Complications Related to Chest Tube Placement at the Mayo Clinic and a Plan for Quality Improvement	Original	no	no	Ruparel	Raaj	MD	Mayo Clinic Rochester	X	X	X		X	X					
AEI2014	Development and implementation of a clinical pathway approach to simulation-based training for foregut surgery	Original	no	no	Miyasaka	Kiyoyuki	MD	University of Pennsylvania	X	X	X								
AEI2014	Effectiveness of Systems Changes Suggested by Simulation of Adverse Surgical Outcomes	Original	no	no	Garstka	Meghan	MD, MS	Tulane University School of Medicine	X		X		X						
AEI2014	Enhancing Interprofessional Collaboration through Simulation-Based Team Training in Clinical Oncology	Original	no	no	James	Ted	MD, MS, FACS	University of Vermont	X	X	X	X	X						
AEI2014	From the Trauma Bay to the ICU: a novel horizontal simulation curriculum for surgical residents	Original	no	no	Miyasaka	Kiyoyuki	MD	University of Pennsylvania	X	X	X	X	X						
AEI2014	Immersion Training in Simulation Brings Hyper-Realism to Training	Original	yes	no	LaPorta	Anthony	MD, FACS	Rocky Vista University School of Medicine	X	X	X	X	X	X					
AEI2014	Implementation and Evaluation of a Comprehensive Simulation-Enhanced Upper GI Training Curriculum in a Large Academic General Surgery Residency Training Program	Original	no	no	Zevin	Boris	MD	University of Toronto	X	X	X	X							
AEI2014	Manual Dexterity and Surgical Vocation: Which Came First?-Perhaps 3D Virtual Reality Simulators May Provide a Modern Answer to an Ancient Dilemma	Original	no	no	Gangemi	Antonio	MD, FACS	UIC	X		X	X							
AEI2014	Maximizing Benefit: Five Strategies for Getting the Most from Your Survey Assessment Instruments	Descriptive	no	no	Barlow	Patrick	BA	UT Center for Advanced Medical Simulation/UTMCK	X	X									
AEI2014	Methods for Increasing the Internal Validity of Assessment in Simulation: Lessons Learned in the Applied Perioperative Surgical Simulation Environment	Descriptive	no	no	Heidel	Robert	PhD	UT Center for Advanced Medical Simulation/UTMCK	X	X		X							
AEI2014	Surgical care checklists to optimise patient care following post-operative complications	Original	yes	no	Pucher	Philip	MD, MRCS	Imperial College London	X	X				X					
AEI2014	The Relationship between Intra-operative Teamwork and Quality of Patient Care	Descriptive	no	yes	Phitayakorn	Roy	MD, MEd	MGH	X			X	X	X					
AEI2014	Through the Looking Glass: Comparison of Self-, Peer-, and Observer-based Assessment of Students during Inter-Professional Team Training	Original	no	no	Paige	John	MD, FACS	LSUHSC-New Orleans	X	X	X	X	X						
AEI2014	Who is the Ideal Partner for the Interdisciplinary Training of Surgery Residents?	Original	no	no	Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	Carroll County Health System	X	X	X	X	X						

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research									
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other
AEI2015	A Stepwise Approach for Simulation-based Curriculum Development for Clinical Skills	Original	no	no	Khamis	Nehal	MD, PhD, MEEd	College of Medicine, King Saud University	X	X	X	X						
AEI2015	An examination of the "seductive details effect" in acquisition and transfer of laparoscopic suturing skills	Original	yes	yes	Gardner	Aimee	PhD	UT Southwestern	X	X	X	X						
AEI2015	Comparing Mechanical Tissue Properties of Simulator, Animal, and Human Tissue	Original	no	no	Somani	Sneha	BS	University of Minnesota	X	X	X							
AEI2015	CORNERSTONE: Implementing Universal Patient Safety Checklist Discipline During the First Year of Medical School	Original	yes	no	Moorman	Matthew	MD, FACS	Cleveland Clinic	X	X	X		X					
AEI2015	Do Teamwork and Communication Concepts Learned in the Simulated Environment Transfer to the Trauma Bay?	Original	no	no	Bourgeois	Darlene	MSN, RN	Lahey Health System	X	X	X	X						
AEI2015	Immersion Team Training In Realistic Environment Improves Performance In Trauma Resuscitation	Original	no	yes	Sirratsivawong	Kris	MD	United States Medical Corps. (Naval Medical Center San Diego)	X	X	X	X	X					
AEI2015	Preliminary results of our simulation-based experience on the management of "blue codes" and emergent open conversion in the robotic operating room	Original	no	no	Gangemi	Antonio	MD	UIC	X	X	X		X					
AEI2015	Roles of Simulation in Ebola Preparedness Training	Work in Progress	no	no	Fernandez	Gladys	MD	Baystate Simulation Center	X		X		X					
AEI2015	Student Perceptions of a Simulation-Based Surgery Clerkship Flipped Classroom	Original	no	yes	Liebert	Cara	MD	Stanford University	X	X	X		X					
AEI2015	Teaching Professionalism in Graduate Medical Education: What is the Role of Simulation?	Work in Progress	yes	yes	Wali	Eisha	BS	Case Western	X	X	X							
AEI2015	Teaching Teamwork and Checklists Through Live 'Simulations' in the OR with Intact Care Teams Improves Buy-In	Descriptive	no	no	Zigmont	Jason	PhD	OhioHealth	X		X	X	X					
AEI2015	The changing role of the surgical skills laboratory in the MIS training of general surgery residents: from a "cherry picking" approach to a standardized, proficiency-based curriculum	Original	no	no	Gangemi	Antonio	MD	UIC	X	X	X	X		X				
AEI2015	The Correlation of Salivary Cortisol and Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and Medical Student Training	Original	yes	no	LaPorta	Anthony	MD, FACS	Rocky Vista University School of Medicine	X	X	X	X						
AEI2015	The Utility of Electronic Tablets in ATLS Skills Evaluation	Descriptive	yes	no	Chotiner	Marie	BA	CAMLS	X			X						
AEI2016	A Flexible Platform for Building Cumulative Milestone-Based Surgical Resident Portfolios	Descriptive	no	no	Khatiri	Avni	BS	MGH	X	X		X						
AEI2016	A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures	Original	no	no	Gower	Jonathan	MD	Naval Med Ctr San Diego	X			X						
AEI2016	A novel educational module for placement of continuous intercostal nerve blockade for traumatic rib fractures	Original	no	no	Sevak	Shruti	MD	Beaumont Health System	X			X						
AEI2016	An interactive multicenter multi-national virtual grand rounds for ACS AEI	Original	yes	no	George	Ivan		Anne Arundel	X			X						
AEI2016	Cadaveric Dissection vs. Homemade Model: What is the Best Way to Teach Endoscopic Totally Extraperitoneal Inguinal Hernia Repair?	Original	no	no	AlJamal	Yazan	MB, BS	Mayo Clinic Rochester	X			X						
AEI2016	Comparison of FLS Tasks When Training on Standard FLS Platform Versus an Ergonomically Different Platform	Original	no	no	Haviland	Sarah	BS	Walter Reed/Uniformed Svc	X			X						

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research									
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other
AEI2016	CPR Devices & Impact on Infant Chest Compressions	Original	no	no	Spalding	Carmen	PhD	Naval Med Ctr San Diego	X			X						
AEI2016	Do Non-Technical Skills Improve with Technical Skills Training? A Comparison of Non-Technical Skills Rating and Operative Performance Rating in Simulation	Original	no	no	Raghavendra	Rao	MD	University of Pennsylvania	X	X		X						
AEI2016	Does Musical Instrument Experience Correlate With Higher Performance On The Robot Simulator?	Original	no	no	Gangemi	Antonio	MD, FACS	UIC	X			X						
AEI2016	Efficacy of a simulation-based training program for improving the communication skills of general surgery and obstetrics and gynecology residents	Original	no	no	Nguyen	Ngan	PhD	Ohio Health	X			X						
AEI2016	Evaluation of a Multispecialty, Self-Directed, Simulation-based Learning Program	Original	no	no	Rooney	Deborah	PhD	University of Michigan	X			X						
AEI2016	Faculty perceptions of barriers to completing surgical resident assessments: A multi-institutional qualitative needs assessment	Original	no	no	Mazer	Laura	MD	Stanford University	X			X						
AEI2016	Gelatin paravertebral spine model – A practical design for training general surgery resident's basic skills in placement of a continuous infusion catheter	Original	no	no	Sevak	Shrunti	MD	Beaumont Health System	X			X						
AEI2016	Innovations In 3D Modeling And Surgical Planning In General Surgery	Work in Progress	no	no	Andolfi	Ciro	MD	University of Chicago	X			X	X					
AEI2016	Interprofessional Collaboration Facilitates Enhancements of a Preparation for Internship Curriculum	Original	no	no	Bauman	Brent	MD	University of Minnesota	X	X		X						
AEI2016	Inter-professional Education and Simulation to Improve Knowledge Retention of CAUTI	Original	no	no	Graling	Paula	DNP, RN	INOVA Health System	X	X		X						
AEI2016	Loss of skill retention of Intra-osseous catheter placement among residents over time	Original	no	no	Chung	Rex	MD	Cedars Sinai	X	X		X						
AEI2016	Measuring the Tools of the Future: How Will We Tell the Effectiveness of Training	Original	yes	no	LaPorta	Anthony	MD, FACS	Rocky Vista University School of Medicine	X	X		X	X					
AEI2016	Oh, The Stress of Simulation! Role of Skin Conductance as A Stress Indicator in Surgical Education.	Work in Progress	no	no	Mohan	Monali	MD	Mayo Clinic Rochester	X			X						
AEI2016	Patient-Centered Communication for Surgical Residents: A Simulation-Based Curriculum	Original	no	no	Trickey	Amber	PhD, MS	INOVA Health System	X		X	X						
AEI2016	Pilot Testing of a Simulation Based Model for Suture Repair of Laparoscopic Bleeding	Original	no	no	McClintic	James	MS	UTMB	X			X						
AEI2016	Pooling Resources: Creation of a Surgical Bootcamp that Straddles Specialty Lines	Original	no	no	Bachman	Sharon	MD, FACS	INOVA Health System	X			X						
AEI2016	Safe Adoption Of Robotic Training In Residency With a Fundamentals Of Robotic Surgery Curriculum -A 5 Year Experience In a Military Institution	Original	no	no	Albert	Alwin	MD	Naval Med Ctr San Diego	X	X		X						
AEI2016	Self/Peer Resident Assessment of the Basics of Open Laparotomy Training (BOLT) on a Simulated Abdominal Model	Original	no	no	Fazendin	Jessica	MD	Drexel University	X			X						
AEI2016	Serving Up Your Service: How Can YOU Assess Your Trainees?	Descriptive	no	no	Gas	Becca	BS	Mayo Clinic Rochester	X	X		X						
AEI2016	Solid, cystic and tubular – A compact gelatin-training model for teaching basic skills in ultrasound-guided procedures to general surgery residents	Original	no	no	Sevak	Shrunti	MD	Beaumont Health System	X			X						

**AEI Consortium Abstracts Since 2008**  
**Abstracts By Research Category - Program Evaluations**

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research									
									Program Evaluations	Curriculum Development	Teaching Methods	Learner Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other
AEI2016	The Effects of a Retention Interval and Refresher Session on Intracorporeal Suturing Skill and Mental Workload	Original	yes	yes	Britt	Rebecca	MD, FACS	EVMS	X			X						
AEI2016	Trainee Impressions of Instructor Expertise in Surgical Simulation and Education	Original	no	no	Pandian	TK	MD, MPH	Mayo Clinic Rochester	X	X		X						
AEI2016	Video Analysis of Path Length in Basic Skills Training: A Way to Expand the Value and Use of Basic Skills BlackBox Training?	Original	yes	no	Enochsson	Lars	MD, PhD	Karolinska University Hospital	X			X						
AEI2017	A Comparison of Rotation-Integration and Block-time Integration of the ACS/APDS Surgical Skills Curriculum	Work in Progress	no	no	Ormond	George	MD	University of Vermont	X	X	X	X						
AEI2017	Designing and Evaluating an Interpersonal and Communication Skills Curriculum Incorporating ACGME General Surgery Milestones: Opportunities and Challenges in Simulation-Based Approaches	Work in Progress	no	no	Huffstutter	Paul	MD, FACS	UTCAMS	X	X	X	X						
AEI2017	Outcomes Following Introduction of a Standardized Process To Improve Transitions of Care in a Surgical Practice	Original	no	no	AlJamal	Yazan	MD	Mayo Clinic Rochester	X	X			X	X				
AEI2017	Point-of-care Bedside Ultrasound Training: Expansion within a Surgical Internship Preparation Curriculum	Descriptive	no	no	Vakayil	Victor	MB, BS	University of Minnesota	X	X	X	X						
AEI2017	Sepsis Training using Interactive Virtual Reality (IVR)	Original	yes	no	Sankaran	Naveen Kumar	MS	University of Illinois-Urbana	X	X	X	X						
AEI2017	The Translation of Simulation-Based Sharps Safety Education to Clinical Surgical Practices	Work in Progress	no	no	Klar	Melinda	RN	UTCAMS	X		X		X					
AEI2017	The Use of Virtual Reality Simulators in Laparoscopic Colectomy Training	Original	no	no	Mavrantonis	Konstantinos	MD, PhD, FACS	Hygeia Hospital	X	X	X							
AEI2018	A Robotic Surgical Curriculum for Chief Resident Exposure and Experience	Poster Presentation	no	no	Meara	Michael	MD, FACS	The Ohio State University Wexner Medical Center	X	X	X							
AEI2018	Calculating the Return on Investment – Quantifying the Value of Simulation Training for Housekeeping	Original Paper	yes	no	Nepomnayshy	Dmitry	MD	Lahey Clinic	X									
AEI2018	Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed Surgical Simulator	Innovative Techniques	no	no	Reighard	Chelsea	MS	University of Michigan	X	X	X							
AEI2018	Surgical Interns in 2017: Objective Assessment Suggests they are Better but Still DANGEROUS	Original Paper	no	yes	AlJamal	Yazan	MD	Mayo Clinic Rochester	X			X						