

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

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)

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

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

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AEI2013	Teaching the Essentials of Endocrine Surgery via Low-Cost, Low-Fidelity Simulation – A Clever Use of Yarn and Felt	Original	no	no	Ruparel	Raaj	MD	Mayo Clinic Rochester	X	X	X			X				
AEI2013	Technical and non-technical skills influencing laparoscopic performance among OBGYN residents	Original	no	no	Enochsson	Lars	MD, PhD	Karolinska University Hospital	X	X	X			X				
AEI2013	The Future of Surgical Training: National Needs Assessment of Stakeholders	Original	yes	yes	Kim	Sara	PhD	ACS AEI Curriculum Committee Study Paper	X			X	X					
AEI2013	The Rationale for Combining Surgical Simulation and Audiovisual Education: More Repetitions, Less Cost, and Greater Resident Engagement and Satisfaction	Original	no	yes	AlJamal	Yazan	MD	Mayo Clinic Rochester	X	X	X	X						
AEI2013	The Rule of '4s': A Theory-Driven Approach to Implementing Simulation into Surgical Training	Original	yes	no	Arora	Sonal	MD, PhD	Imperial College London	X	X								
AEI2013	Thinking it Through: Correlation of Mental Rehearsal Attitudinal Gains with Performance Parameters on Two Separate Laparoscopic Cholecystectomy Trainers	Original	no	no	Paige	John	MD, FACS	LSUHSC-New Orleans	X	X								
AEI2013	Utilization of the Human-Worn Partial Task Surgical Simulator in Extreme environmental terrain and weather conditions.	Original	no	no	Rush	Robert	MD	Madigan Army Medical Center	X	X	X	X	X					
AEI2013	Using Video Motion Analysis to Quantify Technical Performance	Original	yes	yes	Glarner	Carly	MD	University of Wisconsin	X		X			X				
AEI2013	Utilization of Operating Room Simulation to Enhance Surgical Resident Participation in the Surgical Timeout Checklists	Original	no	no	Dominguez	Edward	MD	Riverside Surgical Associates	X	X	X			X				
AEI2014	A Model Curriculum of Immersive Simulation of Airway Emergencies to Enhance Professionalism in Resident Education	Work in Progress	no	no	Blood	Angela	MPH, MBA	University of Chicago	X	X	X							
AEI2014	A Novel Educational Module for Subclavian Venous Catheter Placement Using Ultrasound Guidance	Original	no	no	Bayci	Andrew	MD	Beaumont Health System	X	X				X	X			
AEI2014	A Randomized Controlled Study to Evaluate the Role of Video-Based Coaching in Training Laparoscopic Skills	Original	yes	no	Singh	Pritam	MB, BS, MA, MRCS	Imperial College London	X	X	X	X	X	X				
AEI2014	A surgical educators armamentarium: Using Jeopardy to assess residents' retention and improvement of medical knowledge	Original	no	no	Abdelsattar	Jad	MB, BS	Mayo Clinic Rochester	X	X	X	X						
AEI2014	Assessment of subjects without experience in minimal access surgery performing a suture task at da Vinci robot	Original	no	no	Moglia	Andrea	PhD	EndoCAS	X	X	X							
AEI2014	Complications Related to Chest Tube Placement at the Mayo Clinic and a Plan for Quality Improvement	Original	no	no	Ruparel	Raaj	MD	Mayo Clinic Rochester	X	X		X	X	X				
AEI2014	Design of a Virtual Reality Training Curriculum for Laparoscopic Colorectal Surgery	Original	yes	no	Beyer-Berjot	Laura	MD	Imperial College London	X	X	X			X				
AEI2014	Development and implementation of a clinical pathway approach to simulation-based training for foregut surgery	Original	no	no	Miyasaka	Kiyoyuki	MD	University of Pennsylvania	X	X		X						
AEI2014	Emergency Medical Simulation Training for the General Dental Resident	Descriptive	no	no	Young	Andrew	DDS, DNB	UT Center for Advanced Medical Simulation/UTMCK	X	X				X				
AEI2014	Enhancing Interprofessional Collaboration through Simulation-Based Team Training in Clinical Oncology	Original	no	no	James	Ted	MD, MS, FACS	University of Vermont	X	X	X	X	X					
AEI2014	Facilitating the Implementation of the ACS/APDS Phase III Skills Curriculum: Training Faculty in the Assessment of Team Skills	Original	yes	no	Hull	Louise	PhD	Imperial College London	X	X								
AEI2014	From the Trauma Bay to the ICU: a novel horizontal simulation curriculum for surgical residents	Original	no	no	Miyasaka	Kiyoyuki	MD	University of Pennsylvania	X	X	X	X	X					

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AEI2014	Hazard Zones: For Focused Complex Laparoscopic Surgical Skills Training	Original	no	no	Louridas	Marisa	MD	University of Toronto	X	X			X						
AEI2014	Immersion Training in Simulation Brings Hyper-Realism to Training	Original	yes	no	LaPorta	Anthony	MD, FACS	Rocky Vista University School of Medicine	X	X	X	X	X	X					
AEI2014	Implementation and Evaluation of a Comprehensive Simulation-Enhanced Upper GI Training Curriculum in a Large Academic General Surgery Residency Training Program	Original	no	no	Zevin	Boris	MD	University of Toronto	X	X	X	X							
AEI2014	Innovative Approach to Faculty Development Utilizing Simulation	Original	no	no	Zigmont	Jason	PhD	OhioHealth	X	X			X	X					
AEI2014	Intracorporeal Suturing: Transfer from FLS to Cadavers Results in Substantial Increase in Mental Workload	Original	yes	yes	Britt	Rebecca	MD, FACS	EVMS	X	X	X								
AEI2014	Maximizing Benefit: Five Strategies for Getting the Most from Your Survey Assessment Instruments	Descriptive	no	no	Barlow	Patrick	BA	UT Center for Advanced Medical Simulation/UTMCK	X			X							
AEI2014	Methods for Increasing the Internal Validity of Assessment in Simulation: Lessons Learned in the Applied Perioperative Surgical Simulation Environment	Descriptive	no	no	Heidel	Robert	PhD	UT Center for Advanced Medical Simulation/UTMCK	X		X	X							
AEI2014	Pediatric inguinal hernia tutorial using simulation. Development and validation of clinical and surgical models	Original	yes	no	Breud	Jean	PhD	University of Nice	X	X	X								
AEI2014	Simulating Azygos Vein Ligation - Deliberate Practice is Invaluable	Original	no	no	Rowse	Phillip	MD	Mayo Clinic Rochester	X	X	X								
AEI2014	Surgical care checklists to optimise patient care following post-operative complications	Original	yes	no	Pucher	Philip	MD, MRCS	Imperial College London	X			X			X				
AEI2014	Surgical Skill Performance Prediction: Application of a Cognitive Model to Laparoscopic Skill Retention Simulation Training	Original	yes	no	Jastrzembski	Tiffany	PhD	Air Force Research Laboratory/Wright-Patterson AFB	X		X								
AEI2014	Through the Looking Glass: Comparison of Self-, Peer-, and Observer-based Assessment of Students during Inter-Professional Team Training	Original	no	no	Paige	John	MD, FACS	LSUHSC-New Orleans	X	X	X	X	X						
AEI2014	Video Skills Curricula and Simulation: A Synergistic Way to Teach Two-Layered Handsewn Small Bowel Anastomosis	Original	no	no	Rowse	Phillip	MD	Mayo Clinic Rochester	X	X	X								
AEI2014	Who is the Ideal Partner for the Interdisciplinary Training of Surgery Residents?	Original	no	no	Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	Carolinas Healthcare System	X	X	X	X	X						
AEI2015	A Novel Mental Skills Curriculum Minimizes Deterioration of Simulator-acquired Skill During Transfer to the Operating Room	Original	no	no	Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	Carolinas Healthcare System	X	X	X								
AEI2015	A Simulator and two tools: Validation of performance measures from a novel neurosurgery simulator using the current Standards framework	Descriptive	no	yes	Rooney	Deborah	PhD	University of Michigan	X	X	X		X	X					
AEI2015	A Stepwise Approach for Simulation-based Curriculum Development for Clinical Skills	Original	no	no	Khamis	Nehal	MD, PhD, MEd	College of Medicine, King Saud University	X	X	X	X							
AEI2015	An examination of the "seductive details effect" in acquisition and transfer of laparoscopic suturing skills	Original	yes	yes	Gardner	Aimee	PhD	UT Southwestern	X	X	X	X							
AEI2015	Basic skills training - black box or high fidelity simulators?	Original	yes	no	Enochsson	Lars	MD, PhD	Karolinska University Hospital	X	X	X				X				
AEI2015	Cadaveric Model for Training and Assessment of Traumatic Wound Management and Hemorrhage	Original	no	no	Reihisen	Troy		University of Minnesota	X	X			X	X					
AEI2015	Comparing Mechanical Tissue Properties of Simulator, Animal, and Human Tissue	Original	no	no	Somani	Sneha	BS	University of Minnesota	X	X		X							

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AEI2015	Comparing Simulators and Live tissue for life-saving hemorrhage and airway procedures: Evaluation of Critical Failures	Original	yes	no	Sweet	Robert	MD, FACS	University of Minnesota/SimPORTAL	X	X	X							
AEI2015	CORNERSTONE: Implementing Universal Patient Safety Checklist Discipline During the First Year of Medical School	Original	yes	no	Moorman	Matthew	MD, FACS	Cleveland Clinic	X	X		X	X					
AEI2015	Dedicated Two Week Proficiency-based Simulation Curriculum for Surgical Residents	Work in Progress	no	no	Tanaka	Ryota	MD, PhD	Grainger (NorthShore University)	X	X	X			X				
AEI2015	Developing a Coaching Mechanism for Practicing Surgeons	Original	no	yes	Stefanidis	Dimitrios	MD, PhD, FACS, FASMBS	Carolinas Healthcare System	X	X	X		X	X				
AEI2015	Development of an evidence-based virtual reality training curriculum for laparoscopic hysterectomy Do Teamwork and Communication Concepts Learned in the Simulated Environment Transfer to the Trauma Bay?	Original	yes	no	Crochet	Patrice	MD	Assistance Publique des Hopitaux de Marseille	X		X			X				
AEI2015	Emergency Medical Simulation Training for the General Dental Resident	Original	no	no	Bourgeois	Darlene	MSN, RN	Lahey Health System	X	X	X	X						
AEI2015	Eye-Gaze Strategies Affect Performance on Arthroscopic Simulators	Original	yes	no	Balderson	Chelsea	DDS, DNB	University of Tennessee Knoxville	X	X	X		X					
AEI2015	Faculty Development Practices at ACS AEI's	Research Idea	no	no	LeBlanc	Justin	MD, FRCSC	University of Calgary (University of Toronto)	X	X	X							
AEI2015	Identifying Learning Needs through Analysis of Coaching Profiles in Laparoscopic Bariatric Surgery	Original	no	no	Cooper	Jeffrey	PhD	ACS AEI Faculty Development Committee Study Paper	X	X								
AEI2015	Immersion Team Training In Realistic Environment Improves Performance In Trauma Resuscitation	Original	no	yes	Bonrath	Esther	MD	University of Toronto	X	X	X							
AEI2015	New Longitudinal Procedure-Specific Curriculum for Minimally Invasive Surgery Skills Training and Retention	Original	no	no	Siriratsivawong	Kris	MD	United States Medical Corps. (Naval Medical Center San Diego)	X	X	X	X	X					
AEI2015	Observational Learning During Simulation-based Training In Arthroscopy: Is It Useful To Novices?	Original	no	no	Derevianko	Alexandre	MD, MA	Grainger (NorthShore University)	X	X	X							
AEI2015	Patient Specific Simulation for Aortic Surgery Pre-procedural training	Original	no	no	LeBel	Marie-Eve	MD, MHPE, FRCSC	University of Western Ontario	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	Lachapelle	Kevin	MD, FACS, FRCSC	McGill University	X	X								
AEI2015	Pressurized Cadaver Flow Model (PCM): a Novel Model for Endovascular Surgical Training	Original	no	no	Gangemi	Antonio	MD	UIC	X	X		X	X					
AEI2015	Simulation-based Training for Safety Incidents: Lessons from Analysis of Adverse Events in Robotic Surgical Systems	Descriptive	yes	no	Ayers	Joseph	MD	Navy Medical Center San Diego	X	X								
AEI2015	Student Perceptions of a Simulation-Based Surgery Clerkship Flipped Classroom	Work in Progress	yes	no	Raman	Jaishankar	MD	Rush University Medical Center (University of Chicago)	X	X			X					
AEI2015	Surgical Skills Simulation Workshops Enhance the Effectiveness of Surgical Interest Groups	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?	Descriptive	no	no	Harmon	James	MD, PhD	University of Minnesota	X	X								
AEI2015	Teaching With Technology – What Do Millennial Learners Need?	Work in Progress	yes	yes	Wali	Eisha	BS	Case Western	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	np	Cody Thomas	Meredith	BA	Lahey Health System	X									
AEI2015		Original	no	no	Gangemi	Antonio	MD	UIC	X	X	X	X		X				

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AEI2015	The Correlation of Salivary Cortisol and Alpha Amylase in the execution of Realistic Surgical Trauma Simulation and Medical Student Training	Original	yes	no	LaPorta	Anthony	MD, FACS	Rocky Vista University School of Medicine	X	X	X	X						
AEI2015	The Creation of PGY Level Specific FLS Proficiency Benchmarks Allows for Longitudinal Tracking of Multiple General Surgery Milestones Domains	Descriptive	no	no	Spight	Donn	MD, FACS	VirtuOHSU	X	X	X							
AEI2015	What would be the Role of Haptics if Incorporated in Robotic Surgery?	Original	no	no	Luciano	Cristian	PhD	UIC	X	X	X		X					
AEI2016	A Flexible Platform for Building Cumulative Milestone-Based Surgical Resident Portfolios	Descriptive	no	no	Khatri	Avni	BS	MGH	X		X	X						
AEI2016	Direct Anterior Approach THA Course Curriculum: An Interprofessional and Experiential Learning Model	Work in Progress	no	no	Murphy	Lara	DPM, BSc(Hons)	CSTAR	X									
AEI2016	Do Non-Technical Skills Improve with Technical Skills Training? A Comparison of Non-Technical Skills Rating and Operative Performance Rating in Simulation	Original	no	no	Raghavendra	Rao	MD	University of Pennsylvania	X		X	X						
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	Modern Paradigms in Surgical Training – An International Qualitative Study to Determine Factors Affecting the Implementation of Simulation-based Training Programmes	Original	no	no	Hosny	Shady	MB, BS, BSc(Hons), MRCS	Imperial College London	X					X				
AEI2016	Peroral Endoscopic Myotomy Curriculum For The Treatment Of Achalasia And Esophageal Motility Disorders Using Simulation & Animal Platforms	Original	no	no	Wang	Andrew	MD	Naval Med Ctr San Diego	X									
AEI2016	Safe Adoption Of Robotic Training In Residency With a Fundamentals Of Robotic Surgery Curriculum -A 5 Year Experience In a Military Institution	Original	no	no	Albert	Alwin	MD	Naval Med Ctr San Diego	X		X	X						
AEI2016	Serving Up Your Service: How Can YOU Assess Your Trainees?	Descriptive	no	no	Gas	Becca	BS	Mayo Clinic Rochester	X		X	X						
AEI2016	STOMP- Skills Training for Operational Medicine Providers: Design and Implementation of a Novel Comprehensive Skills-Based Curriculum for U.S. Navy Interns	Original	no	no	Polk	Travis	MD, FACS	Naval Med Ctr Portsmouth	X									
AEI2016	Trainee Impressions of Instructor Expertise in Surgical Simulation and Education	Original	no	no	Pandian	TK	MD, MPH	Mayo Clinic Rochester	X		X	X						
AEI2017	A Comparison of Rotation-Integration and Block-time Integration of the ACS/APDS Surgical Skills Curriculum	Work in Progress	no	no	Ormond	George	MD	University of Vermont	X	X	X	X						
AEI2017	A Comprehensive Surgical Simulation Laboratory Improves Student Preparation for Surgical Internship	Descriptive	no	no	Sundin	Andrew	MD	University of Minnesota	X	X	X							
AEI2017	A novel platform for simulation in transanal robotic surgery	Descriptive	no	no	Andolfi	Ciro	MD	University of Chicago	X									
AEI2017	Conflicting Opinions on the Use of Simulation for Nontechnical Skill Development at the Onset of Residency Training	Original	no	no	Wagner	Natalie	BSc(Hons)	McMaster University	X	X								

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

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

Abstract Year	Abstract Title	Type of Abstract	Multi-Institutional Study	Manuscript Published in Surgery	Last Name	First Name	Credentials	Institute	Categories of Research									
									Curriculum Development	Teaching Methods	Learner Evaluations	Program Evaluations	Patient Safety	Surgical Outcomes	Investigation	Education	In-Development	Other
AEI2017	Designing and Evaluating an Interpersonal and Communication Skills Curriculum Incorporating ACGME General Surgery Milestones: Opportunities and Challenges in Simulation-Based Approaches	Work in Progress	no	no	Huffstutter	Paul	MD, FACS	UTCAMS	X	X	X	X						
AEI2017	Development of In-Situ Simulation Lab for Training Gynecology Residents in Basic Laparoscopic and Hysteroscopic Operative Skills	Descriptive	no	no	Molina	Maria	MD	San Antonio Military Medical Center	X	X								
AEI2017	Improving cross specialty recognition of atypical skin lesions through experiential learning	Other	no	no	Garon	Jeffrey	MD, BA	Conemaugh Memorial Hospital	X	X			X					
AEI2017	Increasing survival of healthcare personnel during an active shooter attack: Establishing Face Validity of an interactive simulation training as a better teaching modality	Work in Progress	no	no	Molina	Marcos	MD	University of Minnesota	X									
AEI2017	Instituting a Surgical Skills Competition Increases Technical Performance of Surgical Clerkship Students Over Time	Original	no	no	Leraas	Harold	MA, BS	Duke University	X									
AEI2017	Intensive, Integrated Pre-clinical Surgical Immersion Curriculum for Early Exposure to Surgery	Work in Progress	no	no	Hasty	Brittany	MD	Stanford University	X		X							
AEI2017	Multiple Simulation Modalities Enhanced a Preparation for Surgical Internship Course	Original	no	no	Bauman	Brent	MD	University of Minnesota	X	X								
AEI2017	Operating Room Crisis Checklists: Development of Simulation Training	Work in Progress	no	no	Trickey	Amber	PhD, MS	INOVA	X				X					
AEI2017	Outcomes Following Introduction of a Standardized Process To Improve Transitions of Care in a Surgical Practice	Original	no	no	AlJamal	Yazan	MD	Mayo Clinic Rochester	X			X	X	X				
AEI2017	Performance on a Physical Endoscopic Simulation Platform Predicts Performance on the Fundamentals of Endoscopic Surgery (FES) Manual Skills Exam	Original	yes	no	Taylor	Zachary	DO	USU	X		X							
AEI2017	Point-of-care Bedside Ultrasound Training: Expansion within a Surgical Internship Preparation Curriculum	Descriptive	no	no	Vakayil	Victor	MB, BS	University of Minnesota	X	X	X	X						
AEI2017	Sepsis Training using Interactive Virtual Reality (IVR)	Original	yes	no	Sankaran	Naveen Kumar	MS	University of Illinois-Urbana	X	X	X	X						
AEI2017	Simulation Training Improves Surgical Resident Comfort with Airway Management	Original	no	no	Ritter	Kaitlin	MD	Cleveland Clinic	X									
AEI2017	Successful Computerizing the ATLS® Post-Test: Outcome of an AEI Multisite Study	Original	yes	no	Telford	Britany	BS	CAMLS	X		X							
AEI2017	Team-based Simulations for New Surgeons: Does Early and Often make a Difference?	Original	yes	yes	AbdelFattah	Kareem	MD	UT Southwestern	X									
AEI2017	The Development and Implementation of a Pressurized Cadaver Simulation Curriculum	Descriptive	no	no	Minneti	Michael	BS	USC	X		X							
AEI2017	The Use of Virtual Reality Simulators in Laparoscopic Colectomy Training	Original	no	no	Mavrantonis	Konstantinos	MD, PhD, FACS	Hygeia Hospital	X	X		X						
AEI2017	Trauma Team Performance Training: Development and Pilot of and Interprofessional Monthly Simulation on the Trauma Service	Work in Progress	no	no	Aulet	Tess	MD	University of Vermont	X									
AEI2017	Using 3-D Anatomy Models Facilitates Cross-sectional Radiological Anatomy Learning for Surgery Residents: a randomized controlled crossover trial	Work in Progress	no	no	Cardenas	Francisco	MD	Mayo Clinic Rochester	X	X	X							
AEI2018	A Robotic Surgical Curriculum for Chief Resident Exposure and Experience	Poster Presentation	no	no	Meara	Michael	MD, FACS	The Ohio State University Wexner Medical Center	X	X		X						
AEI2018	ACS Fundamentals of Surgery Curriculum®: Using Cognitive Simulation to Develop Critical Thinking Skills in Residents	Poster Presentation	no	no	Hebert	James	MD, FACS	American College of Surgeons	X	X								

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AEI2018	Assessing Quality and Resources During Campus-wide Simulation Integration	Poster Presentation	no	no	Weis	Joshua	MD	UT Southwestern	X										
AEI2018	Challenges for Maintaining Professionalism When Faced with Patient Discrimination and Harassment by Patients/Caregivers	Innovative Techniques	no	no	Cappaert	Melissa	MA	University of Chicago Medicine	X										
AEI2018	Competence-based Mastery Learning for Chest Tube Placement: A Study of Anxiety, Confidence, and Performance	Original Paper	no	yes	Velic	Andrew	BS	UWSMPH	X	X									
AEI2018	Development and Early Evaluation of a Web-based Pediatric Craniofacial Simulation Course Utilizing a 3D-Printed Surgical Simulator	Innovative Techniques	no	no	Reighard	Chelsea	MS	University of Michigan	X	X		X							
AEI2018	Development of a Disaster Preparedness Interprofessional Education (IPE) Program for Health Profession Students	Poster Presentation	no	no	Jasper	Edward	MD, MPH	Thomas Jefferson University	X										
AEI2018	Development, Implementation, and Evaluation of a Competency-Based Urology Bootcamp for Training First-year Urology Residents, A Prospective Cohort Pilot Study with Historical Controls	Innovative Techniques	yes	no	Wang	Yuding	MD	McMaster University	X										
AEI2018	Does Participation in Case-based Cadaver Labs that Include Both Meta-cognitive and Technical Skills Correlate with Trainees' Performance on Surgical Exams and Preceptors' Evaluations?	Poster Presentation	no	no	Haynes	Susan	MS MEd	Virginia Commonwealth University	X										
AEI2018	Effects of Sequential, Supervised Simulation Training on the Acquisition and Long-term Retention of Vascular Surgical Skills	Innovative Techniques	no	no	Lyle	Cara	MD	West Virginia University Hospitals	X	X					X				
AEI2018	Efficacy of Simulation-Based Training for Laparoscopic Intraoperative Cholangiography	Innovative Techniques	no	no	Sbrocchi	Tyler	MD	Riverside Methodist Hospital	X	X									
AEI2018	Implementation and Evaluation of a Comprehensive Proficiency-Based Upper GI Curriculum: A Multi-Institutional Canadian Experience	Poster Presentation	yes	no	Zevin	Boris	MD, PhD, FRCSC	Queen's University	X	X									
AEI2018	Low Fidelity Materials Yield High Resolution Assessment of Anatomical Knowledge...Really?	Original Paper	no	yes	Saleem	Humza	MD	Mayo Clinic Rochester	X		X								
AEI2018	Mental Skills Training Limits Operative Skill Decay Under Stressful Conditions: Results of a Multi-Site Randomized Controlled Study	Poster Presentation	yes	no	Anton	Nicholas	MS	Indiana University School of Medicine	X										
AEI2018	Michigan Hip Curriculum: Early evaluation of a new curriculum for diagnosis of developmental hip dysplasia	Innovative Techniques	no	no	Rooney	Deborah	PhD	University of Michigan	X										
AEI2018	Modernizing educational paradigms by integrating surgical simulation across surgical specialties	Poster Presentation	no	no	Siparsky	Nicole	MD	Rush University Medical Center	X										
AEI2018	Should the American Board of Surgery (ABS) Require Ultrasound Education Program for General Surgery Certification?	Poster Presentation	no	no	Agapian	John	MD, FACS, FCCM	University of California, Riverside/RUHS	X										
AEI2018	The Use of Virtual Humans in a Simulated OR for Surgical Education	Innovative Techniques	yes	no	Menard	Josue	MD	University of Florida, Jacksonville	X										
AEI2018	Tissue Morcellation: A Simulation Curriculum for Gynecology Residents	Poster Presentation	yes	no	Delgado	Stephanie	MD	Boston Medical Center	X	X									
AEI2018	Use of Innovative Approaches to Create a Specialty Specific Urology Skills Program	Poster Presentation	yes	no	Lewis	Barbara	MS, RN	University of Wisconsin	X										Innovative Techniques