

MICHAEL KALINA, DO, FACOS, FACS

Professional Appointments

- 1/2016-** Associate Director, Surgical Quality and Performance Improvement
Staten Island University Hospital, 475 Seaview Avenue, Staten Island, NY 10305
Department of Surgery
- 2/2015-** Medical Director of Emergency Surgery
Staten Island University Hospital, 475 Seaview Avenue, Staten Island, NY 10305
Department of Surgery
- 2/2015 -** Attending, Division of Trauma, Department of Surgery
Staten Island University Hospital, 475 Seaview Avenue, Staten Island, NY 10305
Department of Surgery
- 7/2013-1/2015** Medical Director of the Capital Health STARS Tertiary Referral Center
Capital Health, 2 Capital Way, Suite 356, Pennington, NJ 08534
Department of Surgery
- 3/2013-1/2015** Medical Director of the Capital Health Surgical Trauma and Acute Resuscitative Service (STARS)
Capital Health, 2 Capital Way, Suite 356, Pennington, NJ 08534
Department of Surgery
- 1/2013-1/2015** Medical Director of Acute Care Surgery
Capital Health, 2 Capital Way, Suite 356, Pennington, NJ 08534
Department of Surgery
- 1/2013-1/2015** Attending, Department of Surgery
Capital Health, 2 Capital Way, Suite 356, Pennington, NJ 08534
Capital Health Surgical Group
Department of Surgery
- 3/2012-3/2014** Attending, Department of Surgery, Trauma Telemedicine
Beebe Medical Center, 424 Savannah Road, Lewes, Delaware 19958
Department of Surgery
- 3/2012–11/2012** Medical Director of Think First Injury Prevention Program
Christiana Care Health System, 4755 Ogletown-Stanton Road, Newark, DE 19713
Department of Surgery-
- 7/2011-11/2012** Associate Medical Director of Trauma
Christiana Care Health System, 4755 Ogletown-Stanton Road, Newark, DE 19713
Department of Surgery

Professional Appointments

- 1/2010–11/2012** Director, Medical Student Surgical Clerkship
Christiana Care Health System, 4735 Ogletown-Stanton Road, Newark, DE 19713
Department of Surgery
- 1/2009–11/2012** Co-Medical Director, Trauma Surgical Ward
Christiana Care Health System, 4735 Ogletown-Stanton Road, Newark, DE 19713
Department of Surgery
- 3/2007-11/2014** Attending, Department of Surgery
Christiana Care Health System, 4735 Ogletown-Stanton Road, Newark, DE 19713
Division of Trauma and Surgical Critical Care
- 1/2006–9/2007** Attending, Department of Surgery (per-diem)
Maryland General Hospital, 827 Linden Avenue, Baltimore, MD 21201
Department of Surgery

Academic Appointments

- 2016-** Assistant Clinical Professor of Surgery
Hofstra Northwell School of Medicine
500 Hofstra University, Hempstead, NY 11549
- 7/2015-** Medical Director of Postgraduate Physician Assistant Fellowship in Surgery
Staten Island University Hospital, 475 Seaview Avenue, Staten Island, NY 10305
Department of Surgery
- 2014-2015** Medical Director, STARS Postgraduate Physician Assistant Fellowship in Acute Care Surgery
2 Capital Way, Suite 356, Pennington, New Jersey, 08534
- 2011-** Assistant Clinical Professor of Surgery
Thomas Jefferson University, Jefferson Medical College
1025 Walnut Street, Suite G4 Philadelphia, Pa 19107
- 2011-** Clinical Instructor in Surgery
Arcadia University Department of Medical Science and Community Health
111 Continental Drive, Suite 201, Newark, DE 19713
- 2011-** Clinical Instructor in Surgery
Philadelphia College of Osteopathic Medicine, Physician Assistant Studies
4190 City Avenue; Suite 207, Philadelphia, PA 19131
- 2011-** Clinical Instructor in Surgery
Drexel University, Physician Assistant Department
245 North 15th Street, MS 504, Philadelphia, PA 19102-1192

Post Graduate Fellowship Education

- 7/2006-6/2007** Acute Care Surgery
Division of Surgical Critical Care and Trauma, Department of Surgery
Christiana Care Health System, Newark, Delaware

Post Graduate Fellowship Education

7/2005-6/2006 Surgical Critical Care
Division of Surgical Critical Care and Trauma, Department of Surgery
Christiana Care Health System, Newark, Delaware - 07/2005-06/2006

Resident Education

7/2001-6/2005 Surgery
Department of Surgery - Saint Barnabas Hospital
4422 Third Avenue Bronx, NY 10457

7/2000-6/2001 Osteopathic Rotating Internship
Department of Medicine, Saint Clare's Hospital/St. Vincent's Midtown Hospital
415 W 51st Street New York, NY 10019

Medical Education

8/1996-5/2000 Doctorate of Osteopathy
New York College of Osteopathic Medicine, Old Westbury, NY 11568

Graduate Education

6/1994-6/1996 Master of Arts, Biology
Hofstra University, Hempstead, NY 11549

Undergraduate Education

8/1990-6/1994 Bachelor of Arts, Biology
Hofstra University, Hempstead, NY 11549

Related Employment

8/1994-5/1996 Adjunct Professor, Animal Physiology
Adjunct Professor, Human Anatomy
Hofstra University, Hempstead, NY 11549

Licensure

2015- New York State Medical and Surgical License (active)
2015- U.S. Department of Justice, DEA License, New York (active)
2013 New Jersey State Medical Board License (not active)
2013 U.S. Department of Justice, DEA License, New Jersey (not active)
2013 New Jersey CDS Permit (not active)
2007 Delaware State Medical Board License (not active)
2007 U.S. Department of Justice, DEA Licensure, Delaware (not active)
2007 Delaware CDS permit (not active)
2005 Maryland State Board Physicians License (not active)

Fellowship Certification

2013- Fellow of the American College of Surgeons (FACS)
2010- Fellow of the American College of Osteopathic Surgeons (FACOS)

Board Certification

- 4/2009-4/2019 Surgical Critical Care, American Osteopathic Board of Surgery
- 9/2008-9/2018 General Surgery, American Osteopathic Board of Surgery

Other Certification

- 2015- Fundamental Critical Care Support (FCCS), Director
- 2014- Advanced Cardiac Life Support (ACLS)
- 2014- Pediatric Advanced Life Support (PALS)
- 2014- Basic Life Support (BLS)
- 2014- CITI Human Research Curriculum
- 2014- CITI Good Clinical Practice Curriculum
- 2014- Responsible Conduct of Research
- 2013- Conscious Sedation Credentialing Curriculum and Credentialing
- 2011- Advanced Trauma Life Support (ATLS), Director
- 2011- Central Venous Catheter Insertion, Train the Trainer, Instructor
- 2011- Active Shooter: What You Can Do. FEMA, US Department of Homeland Security
- 2010- Disaster Management and Emergency Preparedness Course (DMEP)
- 2010- Advanced Surgical Skills for Exposure in Trauma (ASSET), Instructor
- 2010- Leadership Development Workshop Scholar, EAST
- 2010- Advanced Trauma Operative Management, (ATOM) Instructor
- 2010- Advanced Burn Life Support, (ABLS)
- 2007- Fundamentals of Critical Care (FCCS), Instructor
- 2007- Advanced Trauma Life Support (ATLS), Instructor
- 2007- Focused Assessment with Sonography for Trauma, (FAST)

Clinical/Institutional Programs, designed

- 2015- Staten Island University Hospital Physician Assistant Postgraduate Fellowship in Surgery
-in progress
- 2014-2015 STARS Physician Assistant Postgraduate Fellowship in Acute Care Surgery
-Verified by the Association of Postgraduate Physician Assistant Programs (APPAP)
-1st designated fellowship for Physician Assistants in Acute Care Surgery
-Requires completion of STARS Mid-Level Practitioner Certification program described below
- 2014-2015 Capital Health STARS ACCESS Center
-Designed and initiated an Inter-Facility Transfer ACCESS (Access to Critical Care and Emergent Specialty Services) Center for patients transferred to and from Capital Health
-Implemented Multi-departmental (ED, EMS, Nursing, Medicine, GI, Cardiology, Trauma) programs and protocols to safely and efficiently transfer patients to and from Capital Health
- 2013-2015 STARS Tertiary Referral Center
-Designed and initiated a functional process for the organized transfer of critically ill surgical patients to Capital Health from outside institutions
-Created and implemented multi-departmental protocols to safely and efficiently transfer critically ill surgical patients to Capital Health
-Organized the publicity and funding for marketing of the tertiary referral center
- 2013-2015 STARS Database
-Designed a data entry and extraction system for STARS patients data including demographics, severity index markers, severity scoring systems, and outcomes
-Implemented protocols for data entry and statistical analysis of the database with the Information Technology and Nursing Informatics departments

Clinical/Institutional Programs, designed

- 2013-2015** Surgical Trauma and Acute Resuscitative Service (STARS)
-Designed to meet the needs of critically ill surgical patients at Capital Health.
-Instituted and organized a multidisciplinary team for the care of critically ill surgical patients with mid-level practitioners, advanced practice nurses, nursing, allied health and pharmacists.
-Created and implemented numerous protocols to care for critically ill surgical patients.

Academic Programs, designed

- 2011-2012** Osteopathic Manipulative Treatment (OMT) Program
-Designed to meet the educational needs of rotating osteopathic students in general surgery
-Bedside rounds with experienced osteopathic faculty to provide OMT for peri-operative surgical and trauma patients.
- 2011–2012** Acute Care Surgery Elective for Physician Assistant Students.
-Designed to educate physician assistant students in acute care surgery.
-1 month elective while rotating on the trauma service

Curriculum, designed

- 2015-** Staten Island University Hospital Physician Assistant Postgraduate Fellowship in Surgery
-Designing an educational and procedural curriculum in Surgery for Physician Assistants
-Incorporated the Fundamentals of Surgery Curriculum of the American College of Surgeons and hands-on bedside procedure supervision and training
- 2014 –2015** Surgical Trauma and Acute Resuscitative Service (STARS) Mid-Level Practitioner Certification.
-Designed a multifaceted Educational and Procedural Certification for Physician Assistant and Nurse Practitioner members of the STARS at Capital Health
-Incorporated the Fundamentals of Surgery Curriculum of the American College of Surgeons and hands-on bedside procedure supervision and training
- 2011–2012** Medical Student Surgical Clerkship.
-Designed a medical student surgical clerkship curriculum for rotations in surgical sub-specialities, including ENT, Neurosurgery, Ortho, Urology, Ophthalmology, and Transplant.
- 2011-2012** Multidisciplinary Surgical Student Clerkship.
-Designed to incorporate physician extender students, such as physician assistants, nursing and acute practice nursing students, into medical student educational curriculum
-Foster collaborative educational environment to promote a collaborative work environment and improve the fund of knowledge and clinical experience of the physician extender students
- 2010-2012** Essentials of Surgery.
-Curricula designed in Christiana Care Health System Department of Surgery
-Weekly classroom type, small group lecture, presentation, and case based review
-Designed to outline the surgical text and answer case based learning questions to increase the fund of knowledge for all rotating 3rd and 4th year medical students
- 2005-2012** Critical Care References.
-Website designed, in Christiana Care Health System Intranet system
-Comprehensive library including over 300 landmark and current journal articles, review articles, instructional videos, and web-links
-Designed as an educational and reference tool in the management of critically ill surgical and trauma patients accessible to medical students, residents, attendings, nursing and ancillary staff

Mentorship

- 2015-** Physician Assistants, Surgical Residents, Medical Students, Staten Island University Hospital
Surgical Research Fellow, Staten Island University Hospital
- 2013-2014** Physician Assistant fellows and students, Capital Health
- 2007-2012** Surgical Critical Care fellows, Physician Assistants, Surgical Residents, Medical Students,
Christiana Care Health System

Publications – Primary Author

2016

1. **Michael Kalina, DO.** Implementation of a Trauma Service Activation and Admission Policy for Very Elderly Trauma Patients (VETs): Impact on Hospital Efficiency and Patient Outcomes. *American Surgeon.* 2016; 82(6):493-6.
2. **Michael Kalina, DO;** Grigoriy Malyutin; Michael Cooper, MD. Comparison of Burn Related Injuries from the Natural Disaster Super Storm Hurricane Sandy to the National Burn Repository of the American Burn Association. *Burn and Trauma.* 2016; 4(1)
3. **Michael Kalina, DO;** Patricia Aswani. Hyperammonemia as a Marker of Subclinical Seizures after Traumatic Cardiac Arrest. *Archives of Trauma Research.* e33361. 2016
4. **Michael Kalina DO.** Implementation of an Acute Care Surgery Service in a Community Hospital: Impact on Hospital Efficiency and Patient Outcomes. *American Surgeon.* 2016; 82(1):79-84.

2011

5. **Michael Kalina, DO;** Bartley, Marilynn RN; Stevenson, Scott PA-C; Tinkoff, Glen MD; Cipolle, Mark MD; Fulda, Gerard MD. Use of a Filter Registry Improves Rates of Removal for Retrievable Inferior Vena Cava Filters. *American Surgeon.* 2011; 78(1): 94-97.
6. **Michael Kalina, DO;** Tinkoff, Glen MD; Fulda, Gerard M.D. Massive PostPartum Hemorrhage: Factor VIIa Use is Safe but not Effective. *Delaware Medical Journal.* 2011; 83(4): 1-4.
7. **Michael Kalina, DO;** Frederick Giberson, MD. A Novel Use of a Gastrojejunostomy Tube for Duodenal Diversion after Traumatic Duodenal Injury. *American Surgeon.* 2011; 77 (3): 361-362.

2010

8. **Michael Kalina, DO;** Donovan, Melissa MD*; Giberson, Frederick MD; Tinkoff, Glen MD. Inframesocolic Abdominal Aortic Injury and Lumbar Vertebral Body Fracture Secondary to Hyperextension with Blunt Trauma. *European Journal of Trauma and Emergency Surgery.* 2010; 36 (1): 67-69.

2009

9. **Michael Kalina, DO;** Rubino, Matthew MD*. Recurrent Gastric Pneumatosis: A Case Report and Literature Review. *American Surgeon.* 2009; 75: 1-2.
10. **Michael Kalina, DO;** Teeple, Erin M.D*; Fulda Gerard MD. Are There Still Selected Applications for Resuscitative Thoracotomy in the Emergency Department after Blunt Trauma? *Delaware Medical Journal.* 2009; 81(5): 195-198.
11. **Michael Kalina, DO;** Tinkoff, Glen MD; Gleason, Wendy RN; Veneri, Paula RN; Fulda, Gerard MD. A Multidisciplinary Approach to Adverse Drug Events in Pediatric Trauma Patients in an Adult Trauma Center. *Pediatric Emergency Care.* 2009; 25(7): 1-3.

Publications – Primary Author

2008

12. **Michael Kalina DO**; Tinkoff Glen MD; Gbadebo Adebayo; Veneri Paula RN; Fulda Gerard MD. A Protocol for the Rapid Normalization of INR in Trauma Patients with Intracranial Hemorrhage on Prescribed Warfarin Therapy. *American Surgeon*. 2008; 74(9):858-861.

2007

13. **Michael Kalina DO**; Giberson, Frederick MD. Hemoptysis Secondary to Pulmonary Artery Pseudoaneurysm after Necrotizing Pneumonia. *Annals of Thoracic Surgery*. 2007; 84:1386-7.

2006

14. **Michael Kalina, DO**; Tinkoff, Glen, MD; Love, Kenneth; Gbadebo, Adebayo; Veneri, Paula, RN; Fulda, Gerard, MD. Factor IX Complex (Proplex T) for the Rapid Normalization of INR in Trauma Patients with Intracranial Hemorrhage on Prescribed Warfarin Therapy. *Journal of Trauma*. 2006; 61(6):1559.

Publications – Contributing Author

2015

1. Halbert, Caitlan MD; Cipolle, Mark; Fulda, Gerard MD; Tinkoff, Glen MD; M Pirrung, Joan RN; **Michael Kalina, DO**. Admission to an Observational Unit Can Improve Length of Stay for Patients with Mild Traumatic Brain Injury. *American Surgeon*. 2015; 81(2): 176-9.

2006

2. Gerard Fulda MD; **Michael Kalina DO**; Kang, Tep PhD; Duffy, Jennifer RN. Clopidogrel Use Increases the Risk of Neurologic Injury Following Trauma. *Critical Care Medicine (Suppl)*. 2006;34(12):A50.
3. Gerard Fulda MD; Tinkoff, Glen MD; **Michael Kalina DO**; Veneri, Paula RN. Utilization of a Trauma Service RRT to Respond to In-Patient Falls and Injuries. *Critical Care Medicine (Suppl)*. 2006;34(12):A51.

1996

4. John Barbato; **Michael Kalina**; Daniel, Peter PhD: Olfactory Activation of an Antennular Grooming Behavior in the Spiny Lobster, *Panulirus argus*, is tuned narrowly to *l-glutamate*. *Chemical Senses* (21): 577, 1996.

Book Chapters

2012

Rhodes, Michael MD; **Kalina, Michael DO**. Initial Assessment and Resuscitation. The Trauma Manual 4th Edition. Chapter 4

Institutional Review Board (IRB) Approved Protocol/Abstract

2016

Barry Hahn MD; **Michael Kalina, DO**. Incidental Findings on pediatric abdominal computed tomography at a level 1 trauma center

Michael Kalina, DO; Jean-Carlos Jiminez. A Comparison of Very Elderly Trauma Patient (VETs) Characteristics and Outcomes to the National Trauma Data Bank Annual Summary Report

Michael Kalina, DO; Joseph Costa, MD; Kenneth Chapman, MD; Noud von Helmond; Stephen Cohn, MD. Intercostal Nerve Block with Liposomal Bupivacaine Versus Bupivacaine HCL in the Management of Pain from Traumatic Rib Fracture: A Pilot Study.

Michael Kalina, DO; Joseph Ferraro, MD, Stephen Cohn, MD. When Hiring New Trauma and Surgical Critical Care Fellowship Graduates, What Qualities Are Most Desirable? A Survey of Trauma Directors and Trauma Program Administrators

Institutional Review Board (IRB) Approved Protocol/Abstract

2015

Jean-Carlos Jimenez; Angel Parmar; **Michael Kalina, DO**. Peroneal Artery Pseudoaneurysm from Blunt Leg Trauma

Barry Hahn, MD; **Michael Kalina, DO**; Batya Zuckerman, MD. Relationship between Emergency Department Activity and Trauma Patient Complexity.

David Hill, MD; **Michael Kalina, DO**. Is a Lower Rapid Shallow Breathing Index (RSBI) Indicative of Successful Liberation from Mechanical Ventilation?

2012

Donna Mower Wade, RN; **Michael Kalina, DO**, Craig Martine, RN, Carolyn Gutzmirtl, RN, Cynthia Peters, RN, MSN, Joan Pirrung, RN, MSN, APRN, George Potts, RN, Danielle Weber, RN, Mark Cipolle, MD, FACS, PhD. Early Aggressive Management of Geriatric Patients with Rib Fractures Improves Clinical Outcomes.

Michael Kalina, DO; Weinberger, Jason MD*; Fulda, Gerard MD. Early Drainage of Pleural Effusions Versus Medical Management Alone and the Effect on Weaning from Mechanical Ventilation in Critically Ill Surgical and Trauma Patients

Michael Kalina, DO; Pirrung, Joan RN; Woods, Pamela RN; Tinkoff, Glen MD; Cipolle, Mark, MD. Penetrating Violence: A Call For Prevention

Pirrung, Joan RN; Campbell, Beth; Veneri, Paula RN, Cipolle, Mark, MD; Tinkoff, Glen MD, **Kalina, Michael DO**. Penetrating Mortalities with Low ISS: Really?

Michael Kalina, DO; Emily Murphy MD*; Fulda, Gerard MD. Current Practice Patterns for Traumatic Duodenal Injuries at a Level 1 Trauma Center

2011

Michael Kalina, DO; Nomura, Jason MD; Fulda, Gerard MD; Tinkoff, Glen MD; Cipolle, Mark MD. The Safety and Efficacy of Platelet Transfusion in Patients Receiving Antiplatelet Therapy that Sustain Intracranial Hemorrhage

Michael Kalina, DO; Stevenson, Scott PA-C; Tinkoff, Glen MD; Murphy, Emily MD*; D'Angelo, Desiree DO*; Fulda, Gerard MD; Cipolle, Mark MD; Closure of the Open Abdomen Made Easier with Seprafilm Adhesion Barrier.

2009

Michael Kalina, DO; Tinkoff, Glen MD; Johnson, Steven A MD; Giberson, Frederick MD; Cipolle, Mark MD; Rhodes, Michael MD; Fulda, Gerard MD. Antiplatelet Medication Use is Not Predictive of Mortality in Patients with Traumatic Brain Injury

Michael Kalina, DO; Giberson, Frederick MD; Veneri, Paula RN; Tinkoff, Glen MD. Patterns of Equine Related Traumatic Injuries Compared to Pedal Cycle Injuries at a Community Trauma Center

Multi-Institutional Research

2016

1. A phase 3, open-label study to evaluate the safety of oliceridine (TRV130) in patients with acute pain for which parenteral opioid therapy is warranted.
Sponsor: Trevena, Inc.; Sub-Investigator
2. AAST Multicenter Prospective Observational Study of Trauma Patients on Novel Oral Anticoagulants, Part B.
Sponsor: American Association for the Surgery of Trauma Multi-Institutional Trials; Institution Primary Investigator

Multi-Institutional Research

2016

3. A Phase 3, Randomized, Double-blind, Placebo-controlled Study to Investigate the Efficacy and Safety of the XaraColl® Bupivacaine Implant (300 mg Bupivacaine Hydrochloride) After Open Laparotomy Hernioplasty
Sponsor: Innocoll; Co-Principle Investigator

2015

4. Phase III Efficacy and Safety Study of AB103 in the Treatment of Patients With Necrotizing Soft Tissue Infections (ACCUTE)
Sponsor: ATOX Bio Ltd; Sub-Investigator
5. AAST Multicenter Prospective Observational Study of Trauma Patients on Novel Oral Anticoagulants.
Sponsor: American Association for the Surgery of Trauma Multi-Institutional Trials; Institution Primary Investigator
6. A Phase III, Case Series Clinical Study of the Reversal of the Anticoagulant Effects of Dabigatran by Intravenous Administration of 5.0 g idarucizumab (BI 655075) in patients Treated with Dabigatran Etexilate Who Have Uncontrolled Bleeding or Require Emergency Surgery or Procedures. RE-VERSE-AD.
Sponsor: Boehringer Ingelheim Inc.; Sub-Investigator

2014

7. A Randomized, Open-label, Multicenter, Controlled Study to Assess Safety and Efficacy of ELAD® in Subjects with Alcohol-Induced Liver Decompensation (AILD)
Sponsor: Vital Therapies Inc.; Co-Primary Investigator

2007-2012

8. The Biomechanical Effects of Flaccid Paralysis Induced by Botulinum Toxin A after Damage Control Laparotomy: A Pilot Study.
Sponsor: Eastern Association for the Surgery of Trauma; Sub-Investigator
9. A Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Efficacy, Safety, and Pharmacokinetics of SUN13837 Injection in Adult Subjects with Acute Spinal Cord Injury
Sponsor: Asubio Pharmaceuticals; Sub-Investigator
10. A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone Infusion in Patients with Severe Traumatic Brain Injury
Sponsor: BHR Pharma, LLC; Sub-Investigator
11. A Randomized, Double-Blind, Placebo-Controlled, Infusion Proof-of-Concept Trial Investigating the Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of Ascending Doses of FE 202158 in Patients with Vasodilatory Hypotension in Early Septic Shock.
Sponsor: Ferring Pharmaceuticals; Sub-Investigator.
12. Incisional Hernia Repair in Multiply Morbid Patients (RaM2P): A Multicenter, Prospective, Randomized, Controlled, Single Blinded Study of Strattice™ vs Proceed™.
Sponsor: Life Cell; Sub-Investigator.
13. Linezolid in the Treatment of Subjects with Nosocomial Pneumonia Proven to be due to Methicillin-resistant *Staphylococcus Aureus*.
Sponsor: Pfizer; Sub-Investigator.
14. An Open- Label, Randomized, Multicenter Phase IIIb Study to Assess the Efficacy, Safety and Tolerance of Beriplex® P/N Compared with Plasma for Rapid Reversal of Coagulopathy Induced by Coumarin Derivatives in Subjects Requiring Emergency Surgery or Invasive Diagnostic Intervention.
Sponsor: CSL Behring; Sub-Investigator.

Multi-Institutional Research

2007-2012

15. An Open- Label, Randomized, Multicenter Phase IIIb Study to Assess the Efficacy, Safety and Tolerance of Beriplex^R P/N Compared with Plasma for Rapid Reversal of Coagulopathy Induced by Coumarin Derivatives in Subjects with Acute Major Bleeding.
Sponsor: CSL Behring; Sub-Investigator.
16. A Placebo-Controlled, Double-Blind, Dose-Escalation Study to Assess the Safety, Tolerability, and Pharmacokinetics and Pharmacodynamics of Single and Multiple Intravenous Infusions of CytoFabTM (AZD9773) in Patients with Severe Sepsis.
Sponsor: AstraZeneca Pharmaceuticals; Sub-Investigator.
17. A Randomized, Double-Blind, Placebo-Controlled, Phase-2B Study to Assess the Safety and Efficacy of ART-123^R on Subjects with Sepsis and Disseminated Intravascular Coagulation.
Sponsor: Artisan Pharma, Inc.; Sub-Investigator.
18. A Randomized Open-Label, Multicenter Study to Assess the Safety and Tolerability of Doripenem Compared with Imipenem in the Treatment of Subjects with Complicated Intra-Abdominal Infections or Ventilator-Associated Pneumonia.
Sponsor: Johnson and Johnson Pharmaceutical Research and Development, L.L.C.; Sub-Investigator.

Grant Proposals

2015

Sponsor: Department of Research, Staten Island University Hospital
Type: Study Funding; \$5000
Title: Michael Kalina, DO; Joseph Costa, MD; Chapman, Kenneth MD; Stephen Cohn, MD. Intercostal Nerve Block with Liposomal Bupivacaine Versus Bupivacaine HCL in the Management of Pain from Traumatic Rib Fracture: A Pilot Study.

2012

Sponsor: American Association for the Surgery of Trauma, Multi-Institutional Trials Group
Type: Study Funding; \$100,000
Title: "Early Drainage of Pleural Effusions Versus Medical Management Alone and the Effect on Weaning From Mechanical Ventilation in Critically Ill Surgical and Trauma Patients"

2011

Sponsor: National Trauma Institute
Type: Study Funding; \$130,000
Title: "The Safety and Efficacy of Platelet Transfusion in Patients Receiving Antiplatelet Therapy that Sustain Intracranial Hemorrhage"

Sponsor: National Institute of Health
Type: Loan Repayment Program; \$35,000/year x 2 years
Title: "The Safety and Efficacy of Platelet Transfusion in Patients Receiving Antiplatelet Therapy that Sustain Intracranial Hemorrhage"

2010

Sponsor: Teleflex Medical Inc./Arrow International Inc.
Type: Study sponsorship; \$50,000
Title: "Drainage of Pleural Effusions to Positively Effect Weaning from Mechanical Ventilation in Critically Ill Surgical Patients: A Pilot Study"

Grant Proposals

2010

Sponsor: Christiana Care Health System

Type: Resident Scholarly Activity, Velvet Patterson, MD*; \$20,000

Title: "Drainage of Pleural Effusions to Positively Effect Weaning from Mechanical Ventilation in Critically Ill Surgical Patients: A Pilot Study"

Invited Lectures, National/Regional

2016

- "Surgical Site Infections"

Staten Island University Hospital Performance Improvement Committee

2015

- "Distracted Driving: Don't Look Now!"

Staten Island Economic Development Corporation (SIEDC) Fall Health Expo

- "Acute Care Surgery: Impacts on Hospitals, Practitioners, and Patients"

Grand Rounds, St. Barnabas Medical Center

- "Crack the Chest! Resuscitative Thoracotomy"

Trauma Grand Rounds, Staten Island University Hospital

2014

- "Implementation of an Acute Care Surgery Service in a Community Hospital: Impact on Hospital Efficiency and Patient Outcomes"

American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery, 2014

- "Acute Care Surgery: Impacts on Hospitals, Practitioners, and Patients"

Grand Rounds, Crozer Chester Medical Center

- "Acute Care Surgery: Impacts on Hospitals, Practitioners, and Patients"

Sponsored CME Event, Capital Health

2013

- "Acute Care Surgery"

Grand Rounds, Capital Health

2012

- "A Trauma Survivor's Story"

Delaware Trauma Symposium

2011

- "Abdominal Sepsis"

Grand Rounds, Obstetrics and Gynecology, Christiana Care Health System

2010

- "Crack the Chest! ED Thoracotomy, Is it all it's Cracked up to be?"

5th Annual 21st Century Visions of Nursing Conference, Christiana Care Health System

2009

- "Pediatric Abdominal Trauma"

Trauma Clinical Leader Update, Christiana Care Health System

Invited Lectures, National/Regional

2009

-“Resuscitative Thoracotomy”

Paramedic Training Course, Delaware Technical and Community College

-“Intentional and Un-Intentional Pediatric Trauma”

5th Annual 21st Century Visions of Nursing Conference, Christiana Care Health System

2008

-“Factor VIIa Improves Coagulopathy and Reduces Predicted Mortality in Post-Partum Hemorrhage”

Transfusion Practice Committee, Christiana Care Health System

Industry-Sponsored Lectures, Regional

2011

-“Accelerating GI Recovery in Bowel Resection Patients with Primary Anastomosis”

Sponsor: Adolor / GlaxoSmithKline

-“Burden of Post-Operative Ileus”

Sponsor: Adolor / GlaxoSmithKline

Editorial Board

2010

Journal: *Global Journal of Surgery*

Publisher: Simplex Academic Publishers

2009

Traumapedia, Rehabilitation Section

Publisher: American Trauma Society

Editorial Experience

2010

Reviewer

Journal: *International Journal of Medical Sciences*

Publisher: Ivyspring International Publisher

2009

Reviewer

Journal: *Clinical Neurology and Neurosurgery*

Publisher: Elsevier Science

Reviewer

Journal: *Annals of Thoracic Surgery*

Publisher: Elsevier Science

2008

Reviewer

Journal: *Intensive Care Medicine*

Publisher: Springer

Oral and Poster Presentations – Supervisor

2016

Research Day – Staten Island University Hospital

Poster Presentation: Comparison of Burn Related Injuries from the Natural Disaster Super Storm Hurricane Sandy to the National Burn Repository of the American Burn Association. Grigoriy Malyutin; Jean-Carlos Jimenez

2009

Southeastern Surgical Congress Annual Meeting

Poster Presentation: Recurrent Gastric Pneumatosis: A Case Report and Literature Review. Matthew Rubino, MD

2008

Southeastern Surgical Congress Annual Meeting

Poster Presentation: Are There Still Selected Applications for Resuscitative Thoracotomy in Blunt Trauma? Melissa Donovan, MD

Oral and Poster Presentations – Primary

2012

Education and Research Week, Christiana Care Health System

Poster Presentation: Penetrating Violence: A Call for Prevention

2007

Society of Critical Care Medicine 36th Annual Congress

Oral Presentation: Clopidogrel Use Increases the Risk of Neurologic Injury Following Trauma.

Oral Presentation: Utilization of a Trauma Service RRT to Respond to In-Patient Falls and Injuries

2007

Southeastern Surgical Congress Annual Meeting

Poster Presentation: A Multidisciplinary Approach to Adverse Drug Events in Pediatric Trauma Patients in an Adult Trauma Center

Poster Presentation: Plasma Neutrophil Percentage as an Indicator of Acute Appendicitis

Eastern Association for the Surgery of Trauma Annual Meeting

Oral Presentation: Prothrombin Complex Concentrate for the Rapid Normalization of INR in Trauma Patients with Intracranial Hemorrhage on Prescribed Warfarin Therapy

2004-2005

Annual Assembly of American College of Osteopathic Surgeons

Poster Presentation: Plasma Neutrophil Percentage as an Indicator of Acute Appendicitis: A Three Year Institutional Review

Poster Presentation: Plasma Neutrophil Percentage as an Indicator of Acute Appendicitis in Children

Press Publication

2014

Surgical Trauma and Acute Resuscitative Service (STARS) Brochure, Capital Health

2012

Your Future in Medicine Starts at Christiana Care. Brochure, Academic Affairs, Christiana Care Health System.

2011

Osteopathic Medical Students to Receive Enhanced Training During Surgical Rotation. by Patrick Ritchie, Christiana Care Health System. FOCUS: 15

Press Publication

2007

Faster Warfarin Reversal Fails to Alter Outcomes. by Damian McNamara (Elsevier Global Medical News).
Surgery News 3(6): 11

Professional Memberships

2015-

New York Chapter of American College of Surgeons, Member

2013-

New Jersey Chapter of American College of Surgeons, Member
American College of Surgeons, Member
American Society for Parenteral and Enteral Nutrition, Member

2009-

Medical Society of Delaware, Member
Medical Society of New Castle County, Member

2008-2009

American Association for the Advancement of Science, Member

2007-

Southeastern Surgical Congress, Affiliate Fellow
Eastern Association for the Surgery of Trauma, Member

2006-

American Medical Association, Member
American College of Chest Physicians, Affiliate Member

2005-

Society of Critical Care Medicine, Affiliate Member,
American Osteopathic Board of Surgeons, Member

2000-

American College of Osteopathic Surgeons, Member
New York State Osteopathic Medical Society, Member
American Academy of Osteopathy, Member

1996-

American Osteopathic Association, Member

Committee Involvement, Regional/National, Chairman

2016

PSI 4 – Death Rates Among Surgical Patients with Treatable Complications, Staten Island University Hospital
Colon Surgical Site Infections Prevention, Staten Island University Hospital

2015

ABCDE Bundle Initiative, Staten Island University Hospital

Committee Involvement, Regional/National, Chairman

2013-2014

Ventilator Weaning Guidelines Committee, Capital Health
Refractory Hypoxemia Guidelines Committee, Capital Health
Ventilator Associated Pneumonia Focused Committee, Capital Health
Sepsis/SIRS Guidelines Committee, Capital Health

Committee Involvement, Regional/National, Member

2016

System-Wide Surgical Performance Improvement Coordinating Group, Northwell Health System
Department of Surgery Chairman Search Committee, Staten Island University Hospital

2015

System Wide Critical Care Taskforce Committee, Northwell Health System

2013-2014

Sepsis Pathway Committee, Capital Health
Aprima (EMR) Executive Committee, Capital Health

2011-2012

Pressure Ulcer Prevention Committee, Christiana Care Health System
Trauma Technology Team, Christiana Care Health System
Inferior Vena Cava Filter Removal Task Force, Christiana Care Health System
Life-threatening GI Hemorrhage, Christiana Care Health System
Trauma and Difficult Airway Committee, Christiana Care Health System
Trauma Inter-Disciplinary Committee, Christiana Care Health System
Trauma System Committee, Christiana Care Health System

2011-2012

Trauma Executive Performance Improvement Committee, Christiana Care Health System

2010-2012

Operating Group, Christiana Care Health System

2009-2012

Acute Care Service Committee, Christiana Care Health System
Committee on the Acute Management of Upper Airway Obstruction in Adults, Christiana Care Health System

2009-2012

Orthopedic and Trauma Committee, Christiana Care Health System

2008-2012

American Trauma Society's Trauma Survivors Network Traumapedia Project Reviewer, Eastern Association for the Surgery of Trauma
Multidisciplinary Trauma Peer Review Committee, Christiana Care Health System
TBI Patient Steering Committee, Christiana Care Health System

2007-2012

SICU and Trauma Research Committee, Christiana Care Health System

2007

Practice Guidelines Committee, EAST

Community Involvement

2006-2012

Patient Satisfaction Committee, Christiana Care Health System

2016

Colon Cancer Roundtable Symposium, Staten Island Office of the Borough President, participant
NYC Mass Casualty Consultant Team Exercise and Logistics, participant

2015

"Distraction Driving: Don't Look Now!" SIEDC Fall Health Expo, speaker

2012

The Ripple Effect, Injury Prevention Film, participant
Brain Injury Association of Delaware, speaker

2011

Choice Road – An American Tale, Injury Prevention Film, speaker

2007-2012

Think First National Injury Prevention Foundation, speaker

Honors/Awards

2016

Service Excellence Award, Staten Island University Hospital

2012

Top Doctors Delaware, Best Physician Trauma Surgery

2012

National Patient Safety Awareness Week participant, Christiana Care Health System

2011

Physician Ambassador – SICU, Christiana Care Health System
Physician Ambassador – TSU, Christiana Care Health System
Physician Ambassador – 2nd Floor, C, Christiana Care Health System

2010

Focus on Excellence- PI Award, "Nursing Vigilance: the Key to Recognizing Compartment Syndrome"
Physician Ambassador – 2nd Floor, C, Christiana Care Health System

2010

Physician Ambassador – TSU, Christiana Care Health System

2010-2012

Leadership Development Workshop Scholarship Recipient – EAST

2009

Surgical Resident Educator of the Year, Christiana Care Health System
Physician Ambassador – 2nd Floor, C, Christiana Care Health System
Physician Ambassador – SICU, Christiana Care Health System

Honors/Awards

2008

Trauma Physician of the Year, Christiana Care Health System
Physician Ambassador – SICU, Christiana Care Health System
Physician Ambassador – Fifth Floor, D, Christiana Care Health System

2007

Physician Ambassador – SICU, Christiana Care Health System
Physician Ambassador – TSU, Christiana Care Health System
Christiana Care Health System Resident Abstract Competition, 1st place
Alexander Competition Participant- EAST

2006

ACS Committee on Trauma Regional Research Paper Competition, 2nd place
Delaware Committee on Trauma Resident Research Paper, 1st place
Christiana Care Health System Resident Paper Competition, 2nd place June

2005

ACS Committee on Trauma Regional Research Paper Competition, 3rd place
Delaware Committee on Trauma Resident Research Paper, 1st place
Robert C. Erwin Award - American College of Osteopathic Surgery, 5th place

2005

Certificate of Participation - Annual Assembly of Osteopathic Surgeons

2004

Certificate of Participation - Annual Assembly of Osteopathic Surgeons