

BARBARA ANN GAINES, MD
CURRICULUM VITAE

OFFICE ADDRESS	Children's Medical Center Division of Pediatric Surgery 1935 Medical District Drive Suite D-2000, Mailstop D2.07 Dallas, TX 75235
OFFICE TELEPHONE	214-456-8730
OFFICE FAX	214-456-6320
E-MAIL ADDRESS	barbara.gaines@utsouthwestern.edu
SSN	Provided upon request
HOME ADDRESS	5116 Worth Street Dallas, Texas 75214
HOME TELEPHONE	412-780-9753
PERSONAL DATA	Date of Birth: November 3, 1964 Place of Birth: Providence, Rhode Island Citizenship: United States of America Husband: Richard D. King, Jr. Children: Liliana, Robert, Thomson
EDUCATION	University of Virginia Charlottesville, Virginia MD, 1990 Brown University Providence, Rhode Island BA, History and Biology, 1986
INTERNSHIP	Vanderbilt University Nashville, Tennessee 1990-1991
RESIDENCY	Vanderbilt University Nashville, Tennessee 1991-1993
FELLOWSHIP	University of Pittsburgh School of Medicine Department of Surgery Pittsburgh, Pennsylvania Research Fellow, 1993-1995
POSTGRADUATE COURSE(S)	Vanderbilt University Nashville, Tennessee Resident, General Surgery, 1995-1997 Vanderbilt University

Nashville, Tennessee
Resident, Trauma & Critical Care, 1997-1998

Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania
1st year Resident, Pediatric Surgery, 1998-1999

Children's Hospital of Pittsburgh
Pittsburgh, Pennsylvania
Chief Resident, Pediatric Surgery, 1999-2000

LICENSURE

Texas – U4804
Exp: 08/2024

BOARD CERTIFICATION

American Board of Surgery, Specialty of Surgery,
June 1998
Recertification 2006
Recertification 2016

American Board of Surgery, Surgical Critical
Care, October 1998
Recertification 2017

American Board of Surgery, Pediatric Surgery,
March 2002
Recertification 2009

ACADEMIC APPOINTMENTS

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Surgical Director, Neonatal Intensive Care Unit
2000-2006

UPMC Children's Hospital of Pittsburgh Division of Pediatric Surgery
Pittsburgh, PA
Director, General Surgery Resident Education
2000-2023

UPMC Children's Hospital of Pittsburgh Division of Pediatric Surgery
Pittsburgh, PA
Attending Surgeon
2000-2023

University of Pittsburgh School of Medicine Department of Surgery (Pediatric) Children's Hospital of
Pittsburgh
Pittsburgh, PA
Assistant Professor
2000-2007

UPMC Children's Hospital of Pittsburgh - Division of Pediatric Surgery
Pittsburgh, PA
Assistant Director, Benedum, Pediatric Trauma Program
2002-2004

University of Pittsburgh and Hospitals of the University Health Center of Pittsburgh
Pittsburgh, PA
Program Director, Pediatric Surgical Critical Care Residency
(ACGME approved 6/2004)
2004-2008

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Director, Benedum, Pediatric Trauma Program
2004-2020

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Surgical Director, Pediatric Intensive Care Unit
2006-2020

University of Pittsburgh School of Medicine
Department of Surgery (Pediatric), Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Associate Professor
2008-2015

University of Pittsburgh Medical Center
Medical Education Program, Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Program Director, Pediatric Surgery
2008-2023

UPMC Children's Hospital of Pittsburgh
Pediatric General and Thoracic Surgery
Pittsburgh, PA
Clinical Director
2012-2023

University of Pittsburgh School of Medicine
Department of Surgery (Pediatric) Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Professor
2015-2023

Clinical and Translational Science Institute
University of Pittsburgh School of Medicine
Pittsburgh, PA
Professor
2016-2023

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Associate Surgeon in Chief
2020 – 2023

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA

Adjunct Professor
2023-Present

Children's Medical Center
Dallas, TX
Surgeon in Chief
2023 - Present

UT Southwestern Medical Center
Dallas, TX
Professor
Chief, Division of Pediatric Surgery
2023 - Present

HOSPITAL APPOINTMENTS

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Surgical Director, Neonatal Intensive Care Unit
2000-2006

UPMC Children's Hospital of Pittsburgh Division of Pediatric Surgery
Pittsburgh, PA
Director, General Surgery Resident Education
2000-2023

UPMC Children's Hospital of Pittsburgh Division of Pediatric Surgery
Pittsburgh, PA
Attending Surgeon
2000-2023

University of Pittsburgh School of Medicine Department of Surgery (Pediatric) Children's Hospital of
Pittsburgh
Pittsburgh, PA
Assistant Professor
2000-2007

UPMC Children's Hospital of Pittsburgh
Division of Pediatric Surgery
Pittsburgh, PA
Assistant Director, Benedum Pediatric Trauma Program
2002-2004

University of Pittsburgh and
Hospitals of the University Health Center of Pittsburgh
Pittsburgh, PA
Program Director, Pediatric Surgical Critical Care Residency (ACGME approved 6/2004)
2004-2008

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Director, Benedum Pediatric Trauma Program
2004-2020

UPMC Children's Hospital of Pittsburgh

Pittsburgh, PA
Surgical Director, Pediatric Intensive Care Unit
2006-2020

University of Pittsburgh School of Medicine Department of Surgery (Pediatric) Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Associate Professor
2008-2015

University of Pittsburgh Medical Center, Medical Education Program, Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Program Director, Pediatric Surgery
2008-2023

UPMC Children's Hospital of Pittsburgh, Pediatric General and Thoracic Surgery
Pittsburgh, PA
Clinical Director
2012-2023

University of Pittsburgh School of Medicine, Department of Surgery (Pediatric), Children's Hospital of Pittsburgh of UPMC
Pittsburgh, PA
Professor
2015- 2023

Clinical and Translational Science Institute, University of Pittsburgh School of Medicine
Pittsburgh, PA
Professor
2016 – 2023

UPMC Children's Hospital of Pittsburgh
Pittsburgh, PA
Associate Surgeon in Chief
2020 – 2023

Appointment Stream Faculty Promotions and Appointments (ASFPA)
Committee Member
2022-2025

Children's Medical Center
Dallas, TX
Surgeon in Chief
2023 - Present

UT Southwestern Medical Center
Dallas, TX
Professor
2023 – Present

GRANTS AND CONTRACTS

Injury Prevention-Grants

Kohl's Cares Hospital Program
Site Director
2003-Present

Allstate Foundation
Site Director
2008- Present

John Gismondi Family Foundation
Mobile Safety Center
Principal Investigator
2018-Present

Mini-Grants

Focus-group assessment of pediatric ATV riders
PA Division of the American Trauma Society
Principal Investigator
2007

Injury Prevention Video
American Trauma Society – Pennsylvania Division Role
Principal Investigator
2003-2004

Adolescent Traffic Offenders Program: This is RED Driving Program (Reality Education for Drivers)
American Trauma Society – Pennsylvania
Principal Investigator
2003-2004

ASSOCIATION MEMBERSHIPS (Be sure to list offices held or committees/dates served)

Association of Women Surgeons, 1989-Present

Society of Critical Care Medicine (SCCM), 1992-Present

Southeastern Surgical Congress, 1996-2011

Association for Academic Surgery (AAS), 2001-Present

Injury Free Coalition for Kids (IFCK), 2001-Present

Surgical Infection Society (SIS), 2002-2020

Eastern Association for the Surgery of Trauma (EAST), 2003-Present

American Pediatric Surgical Association (APSA), 2004-Present

Specialty Fellow, American Academy of Pediatrics, 2004-Present

Fellow, American College of Surgeons, 2004-Present

American Association for the Surgery of Trauma (AAST), 2005-Present

Society of University Surgeons, 2007-Present

Pediatric Trauma Society, 2012-present

Southern Surgical Association, 2012-Present
American Surgical Association, 2014-Present
American Medical Association, 2016-present

MEMBERSHIP IN NATIONAL AND SCIENTIFIC SOCIETIES

Regional/National Committees:

American Pediatric Surgical Association (APSA), Northbrook, IL

Member, Trauma Committee, 2007-2010
Member Trauma Committee, 2012-2015
Member, Nomination Committee, 2013
Member, Rural Access Task Force, 2020-present
Governor, 2021-2024

American College of Surgeons, Chicago, IL

Southwest PA Committee on Applicants, 2007-2016
Member, PA Committee on Trauma, 2011-Present
Member, National Committee on Trauma, 2012-2021
Workgroup, Governance Workgroup: NASEM Recommendations Strategic Implementation
Workgroup, Best Practices on Imaging for Trauma Patient Guidelines
Workgroup, Recommendations for guidebook Resources for Optimal Care of the Injured Patient
Chair, Pediatric Specialty Committee (2018-2021)
Member, Pediatric TQIP Subcommittee
Member, Trauma Systems Subcommittee
Member, Injury Prevention Subcommittee
Member, Committee on Video-based Education, 2015-2021
Consultant, ACS-COT Trauma Systems Committee, 2021

American Association for the Surgery of Trauma (AAST), Chicago, IL

Chair, Pediatric Committee, 2010-2016
Member, Educational Development/MOC Committee, 2011-2015

Association for Academic Surgery, Northbrook, IL

Chair, Ad Hoc Communications Committee, 2006
Councilor, Class of 2001, 2004-2006
Member, Education Committee, 2002-2004
Member, Nominating Committee, 2007
Member, Ethics Committee, 2009-2011

Association of Pediatric Surgery Training Program Directors

Secretary/Treasurer, 2015-2017
President, 2017-2019
Past-President, 2019-2021

Southeastern Surgical Congress, Atlanta, GA

Councilor, Pennsylvania, 2003

Surgical Infection Society, East Northport, NJ

Member, Clinical Trials Committee, 2004-2007

Pennsylvania Trauma Systems Foundation, Mechanicsburg, PA

Member, Pediatric Standards Committee, 2005-2014

Vice-Chairperson, Pediatric Standards Committee, 2008
Chair, Pediatric Committee, 2008-2014
Member, Ad Hoc Outcomes Committee, 2007-2012
Member, Standards Committee, 2008-2016
Member, Board of Directors, 2020-present
Member, Executive Committee, Board of Directors, 2021-present
Vice-Chair, Trauma Systems Committee, 2021-present
Chair, Nominating Committee, 2021-present

Hospital and Healthsystem Association of Pennsylvania Section of Accredited Trauma Centers,
Harrisburg, PA
Member, Executive Committee, 2005-2008

Eastern Association for the Surgery of Trauma, East Northport, NY
Member, Membership Committee, 2004-2005
Member, Careers in Trauma Committee, 2006-2009

Injury Free Coalition of Kids, New York, NY
Member, Board of Directors, 2009-Present
Board President, 2009-2012
Past-Board President, 2012-2014

Pediatric Trauma Society, Beverly, MA
Founding Member, 2011
President-Elect, 2012
President, 2013
Past-President, 2015
Affiliate Representative to the Journal of Trauma and Acute Care Surgery, 2016-2020
Co-Chair, Publications Committee, 2018-2020

Southern Surgical Association, Louisville, KY
Member, 2013-Present
Audit Committee, 2018

American Surgical Association, Beverly, MA
Fellow, 2014-Present

BloodNet
Member, 2018-present

PERSONAL AND PROFESSIONAL RECOGNITION AND AWARDS

Phi Beta Kappa, Rhode Island Alpha at Brown University, 1986
Sigma Xi Scientific Research Society, Brown University Chapter, 1986
Magna Cum Laude, Brown University, 1986
Alpha Omega Alpha, Virginia Alpha, 1989
Raven Society, University of Virginia, 1990
Young Investigator Award, American Motility Society, 1991
Travel Award, Tolerance Symposium, 1995
Alfred E. Blalock Award, Surgical Research, Vanderbilt University, 1997

Outstanding Surgeon, Critical Care Staff, Children's Hospital of Pittsburgh, 2000-2004, 2006

Four-Star Customer Service Award, Professional Research Consultants, Inc., 2007

Research and Education Foundation Scholarship, American Association for Surgery of Trauma (AAST), 2007

Top Doctors Award in Pediatric Surgery, Pittsburgh Magazine, (Top 159 Doctors in 49 Specialties), 2010 - 2023

Inaugural Medical Student Research Mentoring Merit Award, University of Pittsburgh Medical School, 2013

Eugene S. Wiener Award for Excellence, Children's Hospital of Pittsburgh of UPMC, 2016

SURGICAL SERVICE

The American Board of Surgery, Inc. Examination Consultant to the Certifying Exam Committee,
Pediatric
Philadelphia, PA
2011-Present

Accreditation Council for Graduate Medical Education Accreditation Appeals Panel- Surgery Specialty
Chicago, IL
2015-Present

Accreditation Council for Graduate Medical Education, Member, Pediatric Milestones 2.0
Chicago, IL
2020-present

The American Board of Surgery, Inc. Associate Examiner, General Surgery CE
Philadelphia, PA
2018-Present

PUBLICATIONS

Reviewed, invited published papers, proceedings of conference and symposia, monographs, books and book chapters:

1. Kaufman CL, **Gaines BA**, Ildstad ST. Xenotransplantation. *Annu Rev Immunol, Review* 13:339-67, 1995.
2. **Gaines BA**, Ildstad ST. Mixed chimerism and Gaucher Disease. *Gaucher Clinical Perspectives*, 3:5-12, 1995.
3. **Gaines BA**, Ildstad ST. Xenoreactivity, chimerism, and tolerance. In: *Chimerism and Tolerance*. Suzanne T. Ildstad (editor), RG Landes Company, Medical Publishers, Austin/Berlin, 1995, pg.171-188.
4. **Gaines BA**, Bou El Ezz AY, Ildstad ST. Evidence of de novo development of CD8+ $\alpha\beta$ -TCR T-cells in the absence of the thymus. In: *Transplantation Tolerance Induction*, JW Alexander and RA Good (Editors), RG Landes Company, Medical Publishers, Austin/Berlin, 159-63, 1996.
5. Kostecke RA, **Gaines BA**, Ildstad ST. Immunology. In: *The Surgery of Infants and Children: Scientific Principles and Practice*. Keith T. Oldham, Robert P. Flogia, and Paul M. Colombani (editors). JB Lippincott Company, Philadelphia, PA, 1998.

6. **Gaines BA**, Holcomb GW III, Neblet W III. Omphalocele and Gastroschisis. In: Pediatric Surgery, Third Edition. Keith W. Ashcraft (editor). W.B. Saunders Company, Orlando, FL, 2000.
7. **Gaines BA**, Scheidler MG, Lynch JM, Ford HR. Pediatric Injury. In: The Trauma Manual, Third Edition. Andrew B. Peitzman, Michael Rhodes, C. William Schwab, Donald M. Yealy, Timothy C. Fabian (Editors), Lippincott Williams & Wilkins, Philadelphia, 2007, pg 499-514.
8. **Gaines, B.A.** Intra-abdominal solid organ injury in children: diagnosis and treatment. *J Trauma*. 2009 Aug; 67 (2 Suppl) S135-9 *Review*.
9. Nance, Michael; Krummel, Thomas M; Oldham Keith T; **Gaines B** (group authors, Amer Pediat Surg Assoc) Firearm Injuries and Children: A Policy Statement of the American Pediatric Surgical Association. *J American College of Surgeons* v217 (5) 940-946 Nov 2013.
10. **Gaines, Barbara A**; Moore Frederick; Mattox Kenneth L, et al. Duodenal injuries in the very young: Child Abuse? Discussion. *J Trauma Acute Care Surgery* v74 (1) 141-412 Jan 2013.
11. Austin, KM, **Gaines, BA** Abdominal and Renal Trauma In: Ashcraft's Pediatric Surgery, Sixth Edition. Holcomb (editor) 2014.
12. **Gaines, B**, Teen trauma without the drama: Outcomes of adolescents treated at Ohio adult versus pediatric trauma centers. Editorial Critique. *J. Trauma Acute Surg*. 2014 July **77** 116.
13. Postier, Russel G, Ashley, Stanley W, Britt L, **Gaines B**. Perceptions of Graduating General Surgery Chief Residents: Are They Confident in Their Training? Discussion. *J American College of Surgeons* v218 (4) 703-706 April 2014.
14. Leeper CM, **Gaines BA**. Viscoelastic hemostatic assays in the management of the pediatric trauma patient. *Semin Pediatr Surg*. 2017 Feb;26(1):8-13. doi: 10.1053/j.sempedsurg.2017.01.004. Epub 2017 Jan 5. PMID: 28302286.
15. Ronald M. Stewart, Deborah A. Kuhls, Brendan T. Campbell, Robert W. Letton, Jr., Peter A. Burke, Rochelle A. Dicker, **Barbara A. Gaines**. The COT's consensus-based approach to firearm injury: An introduction. *Bulletin of the American College of Surgeons* October 4, 2017.
16. Rochelle A. Dicker, **Barbara A. Gaines**, Stephanie Bonne, Thomas Duncan, Pina Violano, Michel Aboutanos, Lisa Allee, Peter A. Burke, Peter T. Masiakos, Ashley Hink, Deborah A. Kuhls, David Shapiro, Ronald M. Stewart. Violence intervention programs: A primer for developing a comprehensive program for trauma centers. *Bulletin of the American College of Surgeons*. October 4, 2017.
17. Christine M Leeper, **Barbara A Gaines**. Pediatric Thoracic Trauma. *Pediatric Trauma Pathophysiology, Diagnosis and Treatment* 2nd Edition 201-213 May 15, 2017.
18. **Barbara A Gaines**, Bryanna Emr. Chapter 37, Trauma Pediatrico. In Trauma. Sociedad Panamericana De Trauma. 3 Edicion. *In press*.
19. **Gaines BA**, Invited Commentary. *J Am Coll Surg*. 2021 Apr;232(4):655. doi: 10.1016/j.jamcollsurg.2020.12.029. PMID: 33771323.
20. Rinehardt, H.N., **Gaines, B.A.** (2022). Shock in the Pediatric Trauma Patient. In: Kennedy Jr, A.P., Ignacio, R.C., Ricca, R. (eds) *Pediatric Trauma Care*. Springer, Cham. https://doi.org/10.1007/978-3-031-08667-0_9. January 2023.

Referred Articles:

1. **Gaines BA**, Colson YL, Kaufman CL, Ildstad ST. Mice transplanted with allogeneic fetal liver stem cells and adult facilitating cells demonstrate multilineage chimerism. *Surg Forum* LVI:444-7, 1995.

2. **Gaines BA**, Colson YL, Kaufman CI, Ildstad ST. Facilitating cells enable engraftment of purified fetal liver stem cells in allogeneic recipients. *Exp Hematol*, 24:902-913, 1996.
3. Lynch JM, Gardner MJ, **Gaines B**. Hemodynamic significance of pediatric femur fractures. *J Pediatr Surg*, 31:1358-1361, 1996.
4. Colson YL, Abou El Ezz AY, **Gaines BA**, Ildstad ST. Positive and negative selection of -TCR + T-cells in thymectomized adult radiation bone marrow chimeras. *Transplantation* 68:403-410, 1999.
5. Upperman JS, Gardner M, **Gaines B**, Schall L, Ford HR. Early functional outcome in children with pelvic fractures. *J Pediatr Surg* 35:1002-1005, 2000.
6. **Gaines BA**, Ford HR. Abdominal and pelvic trauma in children. *Crit Care Med* 30 (11):S416-423, 2002.
7. Upperman JS, **Gaines B**, Hackam DJ. H-type congenital tracheoesophageal fistula. *Am J Surgery*, 185:599-600, 2003.
8. Hackam DJ, Reblock K, Barksdale EM, Redlinger R, Lynch J, **Gaines BA**. The influence of Down's syndrome on the management and outcome of children with Hirschsprung's disease. *J Pediatr Surg*, 38:946-949, 2003.
9. Upperman JS, Shultz B, **Gaines BA**, Hackam D, Cassidy LD, Ford HR, Helmke J. All-terrain vehicle rules and regulations: Impact on pediatric mortality. *J Pediatr Surg*, 38(9);1284-1286, 2003.
10. Nadler EP, Reblock K, Ford HR, **Gaines BA**. Monotherapy versus Multi-Drug Therapy for the Treatment of Perforated Appendicitis in Children. *Surg Infect* 4(4);327, 2003.
11. Zuckerbraun BS, Morrison K, **Gaines BA**, Ford HR, Hackam DJ. Effect of Age on Cervical Spine Injuries in Children After Motor Vehicle Collisions: Effectiveness of Restraint Devices. *J Ped Surgery* 39(3);483-483, 2004.
12. Nwomeh BC, Nadler EP, Meza MP, Brown K, **Gaines BA**, Ford HR. Contrast Extravasation Predicts the Need for Operative Intervention in Children with Blunt Splenic Trauma. *J Trauma* 56(3);537-541, 2004.
13. **Gaines BA**, Shultz BL, Ford HR. Non-motorized scooters: A source of significant morbidity in children. *J Trauma* 57:111-113, 2004.
14. **Gaines BA**, Shultz BL, Morrison K, Ford HR. Duodenal injuries in children: Beware of child abuse. *J Ped Surg* 39(4); 600-602, 2004.
15. Rozmiarek AJ, Qureshi FG, Cassidy L, Ford HR, **Gaines BA**, Rycus P, Hackam DJ. How low can you go? Effectiveness and safety of extracorporeal membrane oxygenation in low-birth-weight neonates. *J Ped Surg* 39(5); 845-847, 2004.
16. Nadler EP, Reblock K, Vaughan KG, Meza MP, Ford HR, **Gaines BA**. Predictors of outcome for children with perforated appendicitis initially treated with non-operative management. *Surg Infect*, 5(4):349-356, 2004.
17. Nadler EP, Potoka DA, Shultz BL, Morrison KE, Ford HR, **Gaines BA**. The high morbidity associated with handlebar injuries in children. *J Trauma*, 58(6); 1171-1174, 2005.
18. **Gaines, BA**. Pediatric Trauma Care: An Ongoing Evolution. *Clinical Pediatric Emergency Medicine*, 6(1):4-7, March 2005.

19. Ford HR, Jones P, **Gaines BA**, Reblock K, Simpkins DL. Intraoperative Handling and Wound Healing: Controlled Clinical Trial Comparing Coated VICRYL Plus Antibacterial Suture (Coated Polyglactin 910 Suture with Tricolsan) with Coated VICRYL Suture (Coated Polyglactin 910 Suture). *Surg Infect*, 6(3):313-321, November 2005.
20. Shaw PH, Ranganathan S, **Gaines BA**. A Spontaneous Intramural Hematoma of the Bowel Presenting as obstruction in a Child Receiving Low-Molecular-Weight Heparin. *J Pediatr Hematol Oncol*, 27(10): 558-560, October 2005.
21. Feliz A, Shultz B, McKenna C, **Gaines BA**. Diagnostic and therapeutic laparoscopy in pediatric abdominal trauma. *J Pediatric Surg*, 41(1):72-77, Jan 2006.
22. Leaphart CL, Danko M, Cassidy L, **Gaines BA**, Hackam DJ. An Analysis of Proctoscopy vs. CT Scanning in the Diagnosis of Rectal Injuries in Children: Which is Better? *J of Pediatric Surgery*, 41(4): 700-3, Apr 2006.
23. Zuckerbraun NS, Pitetti RD, Herr SM, Roth KR, **Gaines BA**, King C. Use of etomidate as an induction agent for rapid sequence intubation in a pediatric emergency department. *Acad Emerg Med*, 13(6):602- 9, June 2006. Epub 2006 Apr 24.
24. Nadler EP, Reblock KK, Qureshi FG, Hackam DJ, **Gaines BA**, Kane TD. Laparoscopic appendectomy in children with perforated appendicitis. *J Laparoendosc Adv Surg Tech A* 16(2):159-63, April 2006.
25. Wu HY, **Gaines BA**. Dirt bikes and all-terrain vehicles: the real threat to pediatric kidneys. *J Urol* 2007 Oct;178(4 Pt 2):1672-4.
26. **Gaines BA**, Vitale CM, Jornsay-Hester D, Maloney, L. This is RED: A Novel Program for Teen Driving Offenders. *J Trauma* 63(3): S4, September 2007.
27. Barness KA, Feliz A, Potoka DA, **Gaines BA**, Upperman JS, Kane TD. Laparoscopic versus open Nissen fundoplication in infants after neonatal laparotomy. *JSLs*. 2007 Oct-Dec;11(4):461-5.
28. Cannon GM Jr, Polsky EG, Smaldone MC, **Gaines BA**, Schneck FX, Bellinger MF, Docimo SG, Wu HY. Computerized Tomography Findings in Pediatric Renal Trauma-Indications for Early Intervention? *J Urol*. 2008 Apr;179(4):1529-1533.
29. **Gaines BA**. The Surgical Infection Society Guidelines on Antimicrobial Therapy for Children with Appendicitis. *Surg Inf* 2008; 9(1): 75-83.
30. O'Brien SH, Haley K, Kelleher JK, Wang W, McKenna C, **Gaines BA**. Variation in DVT Prophylaxis for Adolescent Trauma Patients: A Survey of the Society of Trauma Nurses. *J Trauma Nursing* 2008 April-June 15 (2) 53-56.
31. Shah SR, Wishnew J, Barsness K, **Gaines BA**, Potoka DA, Gittes GK, Kane TD. Minimally invasive congenital diaphragmatic hernia repair: a 7-year review of one institution's experience. *Surg Endosc* 2008 23 (6): 1265-71.
32. Shah S.R., Wearden P.D., **Gaines B.A.** Pediatric Peripheral Vascular Injuries: A review of our experience. *J Surg Res* 2009 153, 162-166.
33. Hall NJ, Pacilli M, Eaton S, Reblock K, **Gaines BA**, Pastor A, Langer JC, Koivusalo A, Pakarinen M, Stroedter L, Beyerlein S, Haddad M, Clarke S, Ford H, Pierro A: Recovery after open versus laparoscopic pyloromyotomy for pyloric stenosis: a double-blind multicentre randomized controlled trial. *Lancet* 2009; 373: 390-98.
34. **Gaines BA**, Vitale CA. Teenagers-We Thought We Knew-We Didn't-Lessons Learned. *J Trauma* 2009 July, Volume 67 Issue 1 S58-S61.

35. Pieretti-Vanmarcke, R., Velmahos, G. C., Nance, M. L., Islam, S., Falcone, R. A., Jr., Wales, P. W., Brown, R. L., **Gaines, B. A.**, McKenna, C., Moore, F. O., Goslar, P. W., Inaba, K., Barmparas, G., Scaife, E. R., Metzger, R. R., Brockmeyer, D. L., Upperman, J. S., Estrada, J., Lanning, D. A., Rasmussen, S. K., Danielson, P. D., Hirsh, M. P., Consani, H. F., Stylianos, S., Pineda, C., Norwood, S. H., Bruch, S. W., Drongowski, R., Barraco, R. D., Pasquale, M. D., Hussain, F., Hirsch, E. F., McNeely, P. D., Fallat, M. E., Foley, D. S., Iocono, J. A., Bennett, H. M., Waxman, K., Kam, K., Bakhos, L., Petrovick, L., Chang, Y., and Masiakos, P. T. Clinical clearance of the cervical spine in blunt trauma patients younger than 3 years: a multi-center study of the American Association for the Surgery of Trauma. *J Trauma*. 2009 Sept;**67**(3): 543-9; discussion 549-50.
36. Neal MD, Sippey M, **Gaines, B.A**, Hackam, DJ. Presence of pneumomediastinum after blunt trauma in children: what does it really mean? *J Pediatric Surg*. 2009 Jul; 44(7): 1322-7
37. Sanchez de Toledo J, Adelson PD, Watson RS, **Gaines B.A.**, Brown SD, Kochanek PM, Wisniewski SR, Fink E, Bayir H, Clark RS, Bell MJ. Relationship Between Increases in Pancreatic Enzymes and Cerebral Events in Children After Traumatic Brain Injury. *Neurocrit Care*. 2009 Aug 11;322:329.
38. **Gaines, B.A**, Rutkoski JD. The role of laparoscopy in pediatric trauma. *Semin Pediatr Surg*. 2010 Nov;19(4):300-3.
39. Rutkoski JD, Sippey M, **Gaines B.A**. Traumatic Television Tip-Over in the Pediatric Patient Population. *J Surg Res*. 2010 166(2):199-204.
40. Juang D, Felix A, Miller K, **Gaines BA**. Sledding Injuries: A Rationale for Helmet Usage. *J Trauma- Injury Infection & Critical Care*. Nov 2011 Volume 69 Issue 4 pp S2006-S2008.
41. **Gaines, B.A**, Welcome to the proceedings of the 2010 Annual Meeting of the Injury Free Coalition for Kids. *J Trauma* 2011. 71 (5 Suppl 2): S504.
42. Juang, D., M. Sippey, **Gaines, B.A**. Non-bite dog-related injuries: an overlooked injury mechanism in the pediatric population. *J Trauma* **71**(5 Suppl 2): S531-3 Nov 2011.
43. Vitale MA, Mertz KJ, **Gaines B.A**, Zuckerbraun NS. Morbidity associated with golf-related injuries among children: findings from a pediatric trauma center. *Pediatr Emerg Care* 2011 Jan;27(1):11-2.
44. Guglani L, Broyles, J, **Gaines B.A**, Finder, JD. Chest Mass in a 13-year-old boy. *Arch Dis Child* 2012 Aug; 3 97(8):747.
45. O'Brien SH, Klima J, **Gaines BA**, Betz S, Zenati MS. Utilization of low-molecular-weight heparin prophylaxis in pediatric and adolescent trauma patients. *J Trauma Nurs*. 2012 April-Jun;19(2):117-21.
46. Falcone RA Jr, Haas L, King E, Moody S, Crow J, Moss A, **Gaines B**, McKenna C, Gourlay DM, Werner C, Meagher DP Jr, Schwing L, Garcia N, Brown D, Groner JI, Haley K, Deross A, Cizmar L, Armola R. A multicenter prospective analysis of pediatric trauma activation criteria routinely used in addition to the six criteria of the American College of Surgeons. *J Trauma Acute Care Surg*. 2012 Aug; 73(2):377-384.
47. Shah SR, McKenna C, Miller M, Schultz B, Upperman JS, **Gaines BA**. Safety Factors related to all- terrain vehicle injuries in children. *J Trauma Acute Care Surg*. 2012 Oct;73(9 Suppl 3) S273-6.
48. Tavarez, M., Saladino R, **Gaines BA**, Manole, M, Prevalence, clinical features and management of pediatric magnetic foreign body ingestions. *J Emerg Med*. 2013 **44**(1): p. 261-8.

49. McKenna, C, **Gaines BA**, Hatfield C, Helman, S, Meyer, L, Rennick C, Schenkel K, Zaremski J. Implementation of a Screening, Brief Intervention, and Referral to Treatment Program Using the Electronic Medical Record in a Pediatric Trauma Center. *J Trauma Nurs.* 2013 Jan;20:16-23.
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128. Abou Khalil E, Gaines BA, Morgan KM, Leeper CM. Admission maximum amplitude-reaction time ratio: Association between thromboelastography values predicts poor outcome in injured children. *J Trauma Acute Care Surg*. 2023 Feb 1;94(2):212-219. doi: 10.1097/TA.0000000000003834. Epub 2022 Nov 15. PMID: 36694332.
129. Campwala, I., Leeper, C.M. & **Gaines, B.A.** The Use of Blood in Pediatric Trauma Resuscitation. *Springer Curr Surg Rep* 2023 Mar 6. doi.org/10.1007/s40137-023-00356-x.
130. Abou Khalil E, Gaines BA, Morgan KM, Spinella PC, Yazer MH, Triulzi DJ, Leeper CM. Receipt of low titer group O whole blood does not lead to hemolysis in children weighing less than 20 kilograms. *Transfusion*. 2023 Mar 27. doi: 10.1111/trf.17327. Epub ahead of print. PMID: 36971012.

LECTURES AND PRESENTATIONS

1. Allogeneic engraftment capability (or lack) of fetal liver stem cells. Presented at General Surgery Research Conference, University of Pittsburgh, Pittsburgh, PA, April 1995.

2. Abdominal wall defects. General Surgery Grand Rounds, University of Pittsburgh, December 1998.
3. Asymptomatic malrotation: Operation is indicated. Presented at the 20th Annual Pediatric Surgery Resident Conference, Washington, DC, October 1999.
4. Congenital diaphragmatic hernia, an Update. Presented at the 46th Annual Meeting of Southwestern Pennsylvania chapter of the American College of Surgeons, Pittsburgh, PA, March 2000.
5. Hirschsprung's Disease. Featured presentation at General Surgery Grand Rounds, University of Pittsburgh, April 2000.
6. Guns and Children for the University of Pittsburgh School of Medicine Chapter of Physicians for Social Responsibility, November 30, 2000.
7. An introduction to pediatric trauma at Operating Room Educational In-Service, Mercy Hospital, Pittsburgh, PA, February 21, 2001.
8. Trauma Lecture Series, Pediatric Trauma Update. Presented at Bay Health Medical Center, Dover, DE, April 2001.
9. ABCs at CHP, Trauma Nurse Course. Children's Hospital of Pittsburgh, PA, April 30, 2001.
10. Necrotizing Enterocolitis. Children's Hospital of Pittsburgh, PA, September 6, 2001.
11. Adolescent Trauma. Children's Hospital of Pittsburgh, PA, September 6, 2001.
12. Pediatric Trauma – Contemporary Management of Pediatric Trauma. Altoona, PA, October 25, 2001.
13. Western Maryland Trauma Seminar – Pediatric Trauma - Contemporary Management of Pediatric Trauma. Deep Creek, Maryland, November 2001.
14. Non-accidental Trauma in Children – An Overview of a Major Mechanism of Injury in Children. EMSI Conference, March 21, 2002.
15. Pediatric Abdominal Trauma: Initial Evaluation, Resuscitation and Treatment. EMSI Conference, March 21, 2002.
16. Violence and Youth, GREAT Camp, Penn Hills, PA, June 18, 2002.
17. STAT MedEvac Education Teleconferences, University of Pittsburgh School of Medicine, September 4 and September 18, 2002.
18. Review of pediatric trauma and case analysis. Richland EMS, September 2002.
19. The Golden Hour, Trauma Nurse Course, Children's Hospital of Pittsburgh, biannually, May and September 2002, 2003, 2004, 2005, 2006.
20. Pediatric Trauma, EMS lecture, Ohio Valley Hospital, Wintersville, OH, May 20, 2003.
21. Violence and Youth, GREAT Camp, Penn Hills, PA, June 17, 2003.
22. Trauma Program Overview, Pediatric Resident's Noon Conference, July 1, 2003.
23. ER Management of a Trauma Patient, PICU fellows Noon Conference, July 22, 2003.
24. Perils of Pediatrics, Hamot Shock Trauma Center Annual Conference, Erie, PA, September 26, 2003.
25. Trauma Video Review, ED fellows Weekly Conference, October 1, 2003.

26. Core Lecture: Congenital diaphragmatic hernia CHP Pediatric Surgery Weekly Conference, October 16, 2003.
27. Panel Discussion: Education Workshop, Session 2. 37th Annual Meeting of the Association for Academic Surgery, San Francisco, CA, November 2003.
28. Pain assessment and Hypovolemic shock and a review of causes. UPMC Horizon Hospital, January 23, 2004.
29. Trauma, Moderator: Poster Grand Rounds, Annual Scientific Meeting of Southeastern Surgical Congress, Atlanta, GA, January 31, 2004.
30. MVC Case Review, Uniontown Hospital Grand Rounds, February 4, 2004.
31. Abdominal Trauma 4th Annual John M. Templeton Pediatric Trauma Symposium, Philadelphia, March 12, 2004.
32. Pediatric Trauma. EMSI Update 2004, Seven Springs Resort, PA, March 26, 2004.
33. Pediatric Trauma: Rural Perspective. Third Annual Trauma Symposium: Agricultural and Rural Trauma, Prevention and Management in the 21st Century, Allegheny General Hospital, Pittsburgh, PA, May 14, 2004.
34. Pediatric Trauma. Herman Volunteer Fire Company, Butler, PA, May 18, 2004.
35. Fluid Resuscitation in Trauma. PCCM Fellows' lecture, Children's Hospital of Pittsburgh, June 1, 2004.
36. ECMO in Pediatric Trauma Patients. International Conference on Pediatric Trauma, Kiwanis Pediatric Trauma Institute, New England Medical Center, Boston, MA, June 7, 2004.
37. Invited Discussant, Pediatric Surgery, Surgical Forum, American College of Surgeons, 90th Annual Clinical Congress, New Orleans, LA, October 11, 2004.
38. Judge, Resident Paper Competition, Pennsylvania Committee on Trauma, October 29, 2004.
39. Pediatric Trauma, Jamieson Hospital, New Castle, PA, November 23, 2004.
40. Pediatric Trauma for the Adult Trauma Surgeon, Breakfast Session, EAST, 18th Annual Scientific Assembly, January 15, 2005.
41. Challenging Pediatric Cases, Children's Hospital of Pittsburgh. Presented by Barbara A. Gaines, MD, and Christine McKenna, CRNP, 5th Annual John M. Templeton Pediatric Trauma Symposium, Pittsburgh, PA, March 4, 2005.
42. Contemporary Management of Pediatric Blunt Abdominal Trauma Presented at 5th Annual John M. Templeton Pediatric Trauma Symposium, Pittsburgh, PA, March 5, 2005.
43. ABCs of Summer Trauma. Presented at Timely Trauma Topics, Children's Hospital of Pittsburgh, April 25, 2005.
44. Blood transfusions are associated with increased risk of sepsis in severely burned pediatric patients. Invited Discussant, Surgical Infection Society joint meeting with SIS-East, May 6, 2005.
45. When It Comes to Operation: Key Elements of Pediatric Trauma. Special Problems Session, American College of Surgeons, 91st Annual Clinical Congress, San Francisco, CA, October 18, 2005.
46. Poster Session Moderator, Trauma, First Annual Academic Surgical Congress, San Diego, CA, February 2006.

47. Challenging Cases in Pediatric Trauma. Children's Hospital of Pittsburgh. Presented by Barbara A. Gaines, MD, and Christine McKenna, CRNP, 6th Annual John M. Templeton Pediatric Trauma Symposium, Philadelphia, PA, March 3, 2006.
48. Treatment of DVT: At What Age? Presented at 6th Annual John M. Templeton Pediatric Trauma Symposium, Philadelphia, PA, March 3, 2006.
49. Trauma Assessment and Preparing a Surgical/Trauma Patient for Transport. Presented at Pediatric Care Educational Session, UPMC Horizon, Greenville, PA, April 25, 2006.
50. Extremes of Life: Pediatric Trauma. Presented at Allegheny General Hospital Shock Trauma Center's Fourth Annual Trauma Symposium, Pittsburgh, PA, May 1, 2006.
51. Pediatric Trauma. Presented at EMS Week Focus on Trauma, Hermitage, PA, May 17, 2006.
52. Judge, Resident Paper Competition, Pennsylvania Committee on Trauma, October 2006.
53. Judge, Templeton Injury Prevention Competition, EAST 20th Scientific Assembly, Fort Meyers, FL, January 18, 2007.
54. Poster Session Moderator, Trauma, Second Annual Academic Surgical Congress, Phoenix, AZ, February 7, 2007.
55. What's New in Pediatric Trauma. Presented at 7th Annual John M. Templeton Pediatric Trauma Symposium, Pittsburgh, PA, March 2, 2007.
56. The Golden Hour, Trauma Nurse Course, Children's Hospital of Pittsburgh, biannually, May and September 2007.
57. Injury Mechanisms in Pediatric Patients with ADD. Invited Discussant, EAST 21st Scientific Assembly, Amelia Island, Florida, January 15 – 19, 2008.
58. Manuscript Writing Workshop. Course Director and Speaker, EAST 21st Scientific Assembly, Amelia Island, Florida, January 15 – 19, 2008.
59. Core Lectures: Pediatric Surgery Overview, Trauma, Vomiting Infant. CHP Pediatric Surgery Weekly Conference, January 31, 2008.
60. Pediatrics/Developmental Biology IV: Inflammable Injury. Session moderator, Third Annual Academic Surgical Congress, Huntington Beach, CA, February 12 – 15, 2008.
61. Gastroesophageal Reflux, CHP ENT Fellows Course, February 21, 2008.
62. What's New in Pediatric Trauma 8th Annual John M. Templeton Pediatric Trauma Symposium, Philadelphia, March 6 – 8, 2008.
63. Pediatric Trauma: Kids Are (not) Just Small Adults. General Surgery Grand Rounds and Emergency Medicine Grand Rounds, UMass Memorial Medical Center, March 2008.
64. Injury Prevention. Injury Prevention Noon Conference, Department of Pediatrics, UMass Memorial Medical Center, March 2008.
65. Trauma Case Studies, Surgery Resident's Conference, UMass Memorial Medical Center, March 2008.
66. Case Study- 8th Annual John M. Templeton Pediatric Trauma Symposium, Philadelphia, March 6-8, 2008.
67. The SIS guidelines on antimicrobial therapy for children with appendicitis, presented at the Surgical Infection Society Annual Meeting, Hilton Head, South Carolina, May 2008.

68. Invited Discussant, Surgical Infection Society Annual Meeting, Hilton Head, South Carolina, May 2008.
69. Pediatric Trauma: Evaluation, Treatment and Prevention. Grand Rounds and Webcast, Children's Hospital of Pittsburgh of UPMC, May 2008.
70. Approach to Trauma in the ED Pediatric Emergency Medicine Division Conference. Children's Hospital of UPMC, August 2008.
71. Speaker, Intra-Abdominal Solid Organ Injury: Diagnosis and Treatment, Pediatric Disaster and Emergency Services National Summit. Children's Hospital of Los Angeles, September 2008.
72. Speaker, Pediatric Trauma: Kids Are (not) Just Small Adults. Surgical Grand Rounds, Allegheny General Hospital, Pittsburgh, PA November 2008.
73. Speaker, Updates: Pediatric Trauma-A Review of the Current Literature, 9th Annual John M. Templeton Jr. Pediatric Trauma Symposium, March 6-7, 2009.
74. Grand Rounds, Pediatric Trauma Department, Rainbow Babies and Children's Hospital, Cleveland, OH, June 2009.
75. Moderator, Pediatric Injury Prevention, Kiwanis Pediatric Trauma Institute. 7th International Conference on Pediatric Trauma, Fajardo, Puerto Rico, May 2009.
76. Speaker, Splenic Injury Care: Embolization vs Laparotomy, Education Session 1, 40th Annual Meeting of the American Pediatric Surgical Association, Fajardo, Puerto Rico, May 2009.
77. Speaker, To Fellowship or Not to Fellowship... Women in Surgery Seminar, Pittsburgh, PA, October 2009.
78. Speaker, What's New in Pediatric Trauma, 10th Annual John M. Templeton, Jr Pediatric Trauma Symposium, March 5-6, 2010.
79. Keynote Speaker, Making Our Kids Injury Free, Midwest Pediatric Trauma Conference. Cardinal Glennon Children's Medical Center. November 2010.
80. Speaker, Making Our Kids Injury Free, Children's Hospital of Westmeade, Sydney, Australia, July 14, 2011.
81. Moderator, Imaging the Pediatric Trauma Patient and Sports Related Concussion in Kids. 70th Annual Meeting American Association Surgery of Trauma. September 2011.
82. Speaker, Pennsylvania Trauma Systems Foundation, 15th Annual PaCOT Fall Conference. October 19- 20, 2011.
83. Speaker, Kids are Not Just Small Adults, Pediatric Trauma, Acute Emergency Care Symposium, Sharon Regional Health System, September 30, 2011.
84. Master of Ceremonies, Injury Free Coalition for Kids (IFCK) 16th Annual Conference, Cincinnati, OH. November 11-13, 2011.
85. Speaker, Making our Kids Injury Free, Emergency Medical Management Cooperative (EMMCO), Regional EMS representing 14 counties. Sharon Regional Health System, January 5, 2012.
86. Moderator, How to Take Care of a Kids Brain; Invited Discussant. American Association for the Surgery of Trauma (AAST), 71st Annual Meeting of AAST and Clinical Congress of Acute Care Surgery Kauai Hawaii. September 12, 2012.
87. Presenter, Sports Related Concussion. Santa Barbara Cottage Hospital. Santa Barbara, CA. Trauma/Critical Care Symposium. September 20, 2012.

88. Keynote Speaker, Sports Related Concussion. Santa Clara Valley Medical Center. 12th Annual Trauma Seminar. Santa Clara, CA. October 13, 2012.
89. Moderator, Inflicted Trauma in Children, Pennsylvania Trauma Systems Foundation, Pediatric Trauma- 16th Annual PaCOT Fall Conference, Harrisburg, PA. October 25, 2012.
90. Speaker, Extremes of Trauma, Conemaugh Health System, Fall Trauma Conference. Johnstown, PA. November 8, 2012.
91. Course Director, 13th Annual John M. Templeton, Jr. Pediatric Trauma Symposium. March 1-2, 2013. Pittsburgh, PA.
92. Speaker, Patterns and Pediatrics. 1st Annual Keystone Trauma and Acute Care Surgery Summit. James Creek, PA. May 31, 2013.
93. Poster Professor, Reviewer. Category: Neurological II/Pediatrics. 72nd Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. San Francisco, CA. September 18, 2013.
94. Speaker, Pediatric Trauma. Grove City Medical Center, Medical Staff Meeting. Grove City, PA. September 26, 2013.
95. Speaker, Patterns and Pediatric Trauma. UPMC Altoona Medical Center. Altoona, PA. October 10, 2013.
96. Panel Moderator, Case Based Discussion of the Management of the Pediatric Traumatic Brain Injury. 2013 American College of Surgeons Clinical Congress. Washington, DC. October 8, 2013.
97. Invited Speaker, Pediatric Trauma. Pediatric Emergency Care Applied Research Network (PECARN) Steering Committee and Subcommittee Meetings. Falls Church, VA. October 11, 2013.
98. Discussant, Teen Trauma Without the Drama- Ohio Adolescent Trauma Outcomes. Eastern Association for the Surgery of Trauma. 27th Annual Scientific Meeting. Naples, Florida. January 14-18, 2014.
99. Course Director, Moderator, 14th Annual John M. Templeton, Jr. Pediatric Trauma Symposium. Philadelphia, PA. March 7-8, 2014.
100. Invited Grand Rounds Speaker, Overuse of CT scans in the Pediatric Population. Morristown Medical Center. April 16, 2014.
101. Speaker, Three Rivers Pediatric Update, Injury Prevention. Children's Hospital of Pittsburgh of UPMC. May 15, 2014.
102. Invited Speaker, Concussion or Mild Traumatic Brain Injury, a Pediatric Trauma Surgeon's Perspective; To Image or Not, That is The Question. Western Pediatric Trauma Conference, San Diego CA. July 8-13, 2014.
103. Invited Speaker and Moderator Pediatric Resuscitation: Practical Information for Practicing Surgeons, 73rd Annual Meeting, American Association for the Surgery of Trauma, Philadelphia, PA. September 9-13, 2014.
104. Discussant, Preventing Motor Vehicle Crashes Through Graduated Driving Licensing Laws in Massachusetts. 73rd Annual Meeting, American Association for the Surgery of Trauma, Philadelphia, PA. September 9-13, 2014.
105. Moderator, AAST Web-based Grand Rounds. October 15, 2014.

106. Keynote Speaker, Putting Ourselves Out of Business: Successes and Challenges in Pediatric Injury Prevention. Kentucky Statewide Trauma Symposium, Lexington, KY. October 21-22, 2014.
107. Invited discussant, Surgical Forum, ACS Clinical Congress, The Use of Whole Body CT in Pediatric Trauma Patients- Adult vs. Pediatric Centers. San Francisco, CA. October 28, 2014.
108. Panelist, ACS Clinical Congress. "Pediatric Ingestions, Little Kids with Big Injuries," San Francisco, CA. October 29, 2014.
109. Moderator, Scientific session, Pediatric Trauma Resuscitation care. Pediatric Trauma Society, 1st Annual Meeting. Chicago, IL. November 14-15, 2014.
110. Presidential Address, Pediatric Trauma Society, "Pediatric Trauma and the Pediatric Trauma Society: Our time has come," Chicago, IL. November 15, 2014.
111. Invited Speaker, Joel J. Roslyn Lecture, Society of University Surgeons, "Serendipity, Academic Medicine, and Pediatric Trauma...A Personal Story," Las Vegas, NV. February 3, 2015.
112. Course Director, Moderator, 2015 John M. Templeton Jr. Pediatric Trauma Symposium, Pittsburgh, PA. March 6-7, 2015.
113. Invited Speaker, Panelist, 74th Annual Meeting, American Association for the Surgery of Trauma. Las Vegas, NV. September 8-12, 2015.
114. Keynote Speaker, "Hot Topics in Pediatric Trauma Resuscitation". Annual Southeastern Pediatric Trauma Conference, Winston-Salem, NC. September 25, 2015.
115. Invited Speaker, Pennsylvania's 38th Annual EMS Conference. "Pediatric Trauma". Altoona Convention Center, Altoona, PA. September 26, 2015.
116. Co-Moderator, Scientific Session II, 2nd Annual Meeting Pediatric Trauma Society, Scottsdale, AZ. November 6-7, 2015.
117. Invited Speaker, Allegheny Health Network, 3rd Annual Trauma Conference. "Pediatric Trauma". North Huntingdon, PA. December 9, 2015.
118. Invited Speaker, American Trauma Society, Pennsylvania Division. 30th Annual Conference. "Pediatric Shock Case Reviews". Hershey, PA. April 21, 2016.
119. Invited Speaker, Keystone Trauma and Emergency Medicine Summit. "Pediatric Trauma Emergencies". Farmington, PA. May 4, 2016.
120. Invited Grand Rounds Speaker, The Children's Institute. "Hot Topics in Pediatric Resuscitation". Pittsburgh, PA. May 11, 2016.
121. Invited Participant, EAST August 2016 Literature Review Traumacast: Pediatric Trauma- Podcast #66.
122. Poster Professor, Category: Pediatric Trauma. 75th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. Waikola, HI. September 14, 2016.
123. Discussant: Failure of Non-operative Management of Pediatric Blunt Liver and Spleen Injuries. 75th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. Waikola, HI, September 15, 2016.
124. Keynote Speaker, "Resuscitation of Injured Kids: Case Based". 2nd Annual Pediatric Trauma Symposium. Le Bonheur Children's Hospital, Memphis, TN. September 23, 2016.
125. Invited Speaker, Trauma in the Pediatric Population-Do's and Don'ts, American College of Surgeons Clinical Congress, Washington, DC. October 16, 2016.

126. Speaker, Firearms Injury Prevention. American College of Surgeons Clinical Congress, Washington, DC. October 17, 2016.
127. Moderator, Pediatric Pancreatic Trauma to Operate or Not to Operate. American College of Surgeons Clinical Congress, Washington, DC. October 18, 2016.
128. Video Session Coordinator and Presiding Officer, Pediatric Surgery. American College of Surgeons Clinical Congress, Washington, DC. October 19th, 2016.
129. Moderator, Scientific Session 3A, Pediatric Trauma Society, 3rd Annual Meeting, Nashville, TN. November 12, 2016.
130. Invited Discussant, Paper #23, “The Prevalence and Impact of Admission Coagulopathy on Treatment Intensity, Resource Utilization and Mortality. Southern Surgical Association, Palm Beach, FL. December 5, 2016.
131. Invited Speaker, Grand Rounds, University of Pittsburgh School of Medicine, Department of Surgery. “Pediatric Trauma: Small Patients...Big Problems”. Pittsburgh, PA. January 7, 2017.
132. Discussant, The Effect of Formal Pediatric Sub-Specialization on Surgical Outcomes in Children’s Surgery. American College of Surgeons October 24, 2017, San Diego, CA.
133. Coordinator and Presiding Officer, Video Education Series Pediatric Surgery. American College of Surgeons October 25, 2017, San Diego, CA.
134. Discussant, Southern Surgical Association, Hot Springs, VA, December 6, 2018.
135. Keynote Speaker, Ohio Pediatric Trauma Symposium, “Coagulation and Pediatric Trauma,” December 8, 2017.
136. Speaker, Templeton Pediatric Trauma Symposium, Philadelphia, PA, “Coagulation and Pediatric Trauma,” March 3, 2018.
137. Invited speaker, Trauma Hemostasis and Oxygenation Research (THOR), Bergen Norway, “Blood Failure Pathophysiology Controversies, or Some Observations of coagulation disorders in a unique patient population.” June 19, 2018.
138. Speaker, APSTPD New Fellow Boot Camp, “What Makes a Great Fellow,” July 20, 2018.
139. “Patient-Reported Outcomes Measures”, ASC-COT Conference, Washington, DC, January 10, 2019.
140. “To Scan or not to Scan”; “Pediatric Abdominal Trauma...How Aggressive Should We be?”; “Trauma-Induced Coagulopathy on Pediatric Trauma” European Congress for Trauma & Emergency Surgery (ECTES), Prague, Czech Republic, May 5, 2019.
141. Invited Speaker, “Cold-Stored Whole Blood for Resuscitation of Injured Children” National Whole Blood Summit, San Antonio, Texas, May 22, 2019.
142. Invited Speaker, ACS Trauma System Consultation, Orange County, California, July 15-18, 2019.
143. “What Makes a Great Fellow?”, First APSTPD Transition to Fellowship Course, Baltimore, Maryland, July 20, 2019.
144. Invited Speaker, EMS Continuing Education Program, UPMC. “Pediatric Trauma: Small Patients...Big Problems-Challenges in Pediatric Trauma: What we can learn from our Patients Pittsburgh, PA. November 9, 2019.
145. Invited Speaker, Patient Reported Outcome Measures: The Next 100 years, Approach to the Pediatric Trauma Patient, Trauma Quality Improvement Program (TQIP) at the American College of Surgeons (ACS) Annual Meeting, Dallas TX, November 6, 2019.

146. “Bleeding and Coagulopathy in injured kids,” Grand Rounds, UPMC Children’s Hospital of Pittsburgh, Pittsburgh, PA, January 16, 2020.
147. “Bleeding and Coagulopathy in injured kids,” Grand Rounds, University of Texas, Houston, TX, February 13, 2020.
148. “Selected topics in pediatric injury research,” Division of Trauma Research Conference, University of Texas, Houston, TX, February 14, 2020.
149. “Pediatric Update,” PA Trauma Systems Foundation, COVID-19 Townhall, virtual, April 24, 2020.
150. “Update on imaging in pediatric trauma,” Pediatric Grand Rounds, Children’s Hospital of Akron, virtual, August 20, 2020.
151. Invited Speaker, 24th Annual PTSF Fall Conference, “Update on Pediatric Imaging,” October 20, 2020 (virtual conference).
152. Facilitator and invited participant, “Evaluation of child maltreatment using CA-CDS: Alerting providers and offering order sets,” 3rd Annual Children’s Hospital of Pittsburgh child abuse clinical decision support conference, Pittsburgh, PA, October 22, 2020 (virtual conference).
153. “Opiate prescribing in pediatric trauma,” APSA podcast interview, December 4, 2020.
154. Moderator, University of Pittsburgh Department of Surgery Parenting Series, “Is there a perfect time to build a family while pursuing a surgical career?” January 6, 2021.
155. Invited speaker, “Hot papers in pediatric trauma and emergency surgery,” ECTES 2021 Virtual Conference, April 30, 2021.
156. Invited speaker, “Top Papers that Could Change your Practice: Pediatric Trauma,” Point Counterpoint, XL (virtual conference), June 11, 2021.
157. Trauma grand rounds, “Bleeding and Coagulopathy in Injured Kids,” Children’s Healthcare of Atlanta (virtual), June 18, 2021.
158. Invited speaker, “To TEG or NOT to TEG, debate (PRO)”, Western Pediatric Trauma Conference, July 15, 2021 (virtual).
159. Speaker, “Shock in the pediatric trauma patient,” Pediatric Update Course, 80th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery, September 30, 2021.
160. Invited discussant, 80th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery, October 2, 2021.
161. Invited Speaker, “Diversity, Equity, and Inclusion: A Call to Action,” 25th Annual PTSF Fall Conference (virtual), October 13, 2021.
162. Co-moderator, “Pediatric Trauma for the General Surgeon,” ACS Virtual Clinical Congress, October 26, 2021.
163. Invited discussant, 133rd Annual Meeting, Southern Surgical Association, The Homestead, Hot Springs, VA, December 6 and 8, 2021.
164. Invited Speaker, “Bleeding & Coagulopathy in Injured Kids”, Regional Trauma Conference, Albany Medical Center, February 2, 2022, Albany, NY.
165. Course Director, 22nd John M. Templeton, Jr. Pediatric Trauma Symposium. March 3-4, 2022, Pittsburgh, PA.
166. Arizona Trauma Association (AzTA), lecturer, 13th Annual Southwest Trauma & Acute Care Symposium (STACS), Phoenix, AZ, November 17-18, 2022.

ABSTRACTS AND PRESENTATIONS

1. **Gaines BA**, Schirmer BD. The effects of erythromycin on post-operative ileus. (Meeting Abstract). American Motility Society's 6th Biennial Meeting, Newport, RI, October 1990.
2. **Gaines BA**, Holcomb GW, III, Pietsch JB, Neblett WW, III, Morgan WM, III. Gastrointestinal manifestations of hemolytic uremic syndrome: A surgeon's dilemma. (Meeting Abstract). American Pediatric Surgical Association 24th Annual Meeting, Hilton Head, SC, May 1993.
3. Kaufman CL, Colson YL, El-Ezz AY Abou, **Gaines BA**, Ildstad ST. Functional characterization of a novel cell population which facilitates the engraftment of purified stem cells in allogeneic recipients.
4. (Meeting Abstract). American Society of Hematology 36th Annual Meeting, Nashville, TN, December 1994.
5. Michaels MG, Kaufman CL, Huneke R, Colson YL, Pillai M, Pham S, **Gaines BA**, Greenberger J, Ildstad ST. Multilineage chimerism in non-human primates using a nonlethal conditioning approach. (Meeting Abstract). Third International Symposium on Tolerance Induction, Breckenridge, CO, January 1995.
6. Kaufman CL, Michaels MG, Colson YL, Pham S, Huneke R, Pillai MV, **Gaines BA**, Greenberger J, Ildstad ST. Human bone marrow engraftment in a sublethal primate model of bone marrow transplantation (human baboon). (Meeting Abstract) Third International Symposium on Tolerance Induction, Breckenridge, CO, January 1995.
7. **Gaines BA**, El-Ezz AY Abou, Ildstad ST. Proof for de novo development of CD8+ / TCR+ T-cells in the absence of the thymus. (Meeting Abstract). Third International Symposium on Tolerance Induction, Breckenridge, CO, January 1995.
8. **Gaines BA**, Colson YL, Kaufman CL, Ildstad ST. Facilitating cells enable engraftment of purified fetal liver stem cells in allogeneic recipients. (Meeting Abstract). 21st Annual Scientific Meeting of the American Society of Transplant Surgeons, Chicago, IL, May 1995.
9. Lynch JM, Gardner MJ, **Gaines BA**. An analysis of the hemodynamic consequences of femur fractures in children. (Meeting Abstract). American Pediatric Surgical Association 26th Annual Meeting, Boca Raton, FL, May 1995.
10. **Gaines BA**, Colson YL, Kaufman CL, Ildstad ST. Mice transplanted with allogeneic fetal liver stem cells and adult facilitating cells demonstrate multilineage chimerism. (Meeting Abstract). 81st Clinical Congress of the American College of Surgeons, New Orleans, LA, October 1995.
11. **Gaines BA**, Hernanz-Schulman M, Neblett WW. Abdominal ultrasound diagnosis of acute omental torsion. (Meeting Abstract). 17th Annual Pediatric Surgical Resident's Conference, Philadelphia, PA, October 1996.
12. **Gaines BA**, Colson YL, Kaufman CL, Ildstad ST. Mice transplanted with purified allogeneic fetal liver stem cells and facilitating cells from adult donors demonstrate sustained engraftment and multilineage production. (Meeting Abstract). 17th Annual Pediatric Surgical Resident's Conference, Philadelphia, PA, October 1996.
13. **Gaines BA**, Eddy VA, Leach S. Two cases of multiple, mid-gut carcinoid: An unusual presentation of an uncommon tumor. Southeastern Surgical Congress 66th Annual Scientific Meeting, Atlanta, GA, February 1998.

14. Upperman J, Gardner M, **Gaines B**, Schall L, Ford H. Functional outcome in children with pelvic fractures. American Academy of Pediatrics Annual Meeting, October 1999.
15. **Gaines BA**, Upperman JS, Ford HR. Recurrent pulmonary hypertension in an infant with congenital diaphragmatic hernia: Is a second ECMO course indicated? The 17th Annual CNMC Symposium on ECMO & Advanced Therapies for Respiratory Failure, February 2001, Keystone, CO
16. **Gaines BA**, Upperman JS, Ford HR. Severe primary pulmonary hypertension in a neonate with Hirschsprung's disease. The 17th Annual CNMC Symposium on ECMO & Advanced Therapies for Respiratory Failure, February 2001, Keystone, CO.
17. Hackam DJ, Reblock KK, Redlinger RM, Upperman JS, Wiener ES, **Gaines BA**, Barksdale EM. Effect of diagnostic delay on outcome after the treatment of Hirschsprung's disease. American Academy of Pediatrics, San Francisco, CA, October 2001.
18. **Gaines BA**, Shultz BL, Ford HR. Scooter injuries: a source of significant morbidity in children. The Southeastern Surgical Congress, Nashville, TN, February 2002.
19. Upperman JS, Shultz B, **Gaines B**, Hackam D, Schall L, Ford HR. All-terrain vehicle rules and regulations impact on pediatric mortality. American Pediatric Surgical Association, Phoenix, AZ, May 2002.
20. Hackam DJ, Reblock KK, Redlinger RM, Upperman JS, Wiener ES, **Gaines BA**, Barksdale EM. Delayed presentation of Hirschsprung's disease: Diagnosis, treatment and outcome in older children compared to newborns. British Assoc Ped Surg, XLIX, Congress, Cambridge, UK, July 2002.
21. Hackam DJ, Reblock K, Barksdale EM, Upperman JS, Redlinger R, Lynch J, **Gaines BA**. The influence of Down's syndrome on the management and outcome of children with Hirschsprung's disease. Oral presentation, American Academy of Pediatrics National Conference, Boston, MA, October 2002.
22. Nadler EP, Cassidy L, **Gaines BA**, Ford HR. Abused children have higher mortality rates than similarly injured non-abused children. Poster Presentation, American Academy of Pediatrics National Conference, Section of Injury and Poison Prevention, Boston, MA, October 2002.
23. **Gaines BA**, Cassidy L, Shultz B, Ford HR. Impact of helmet utilization in bicycle-related pediatric head injuries. 36th Annual meeting of the Association for Academic Surgery, Boston, MA, November 2002.
24. Qureshi FG, Shultz B, **Gaines BA**, Ford HR, Upperman J. Thoracolumbar spine injury in the pediatric population. Pennsylvania Committee on Trauma, Resident Trauma Paper Competition, November 2002.
25. Nadler EP, Baird C, Hackam DJ, Nwomeh BC, Stanford A, Miller KA, Wiener ES, Ford HR, **Gaines BA**. ECMO for the Treatment of a Severe Traumatic Myocardial Contusion in a Six-Year Old Boy. The 19th Annual CNMC Symposium: ECMO and Advanced Therapies For Respiratory Failure, February 2003, Keystone, CO.
26. Nadler EP, Reblock KK, Ford HR, **Gaines BA**. Monotherapy versus multi-drug therapy for the treatment of perforated appendicitis in children. 23rd annual Meeting, Surgical Infection Society, San Antonio, TX, April 2003.
27. Herr S, **Gaines BA**, Shultz BL, Zuckerbraun NS, Vogeley E. Auricular bruising as a marker of severe abusive trauma. Poster presentation, Pediatric Academic Societies' Annual Meeting, Seattle, WA, May 2003.

28. Ahuja S, **Gaines BA**, Ritchey KA. Venous Thromboembolism and the Pediatric Trauma Patient. Poster presentation at the Pediatric Academic Societies' Annual Meeting, Seattle, WA, May 2003.
29. **Gaines BA**, Shultz BL, Morrison K, Ford HR. Duodenal Injuries in Children: Beware of Child Abuse. Poster presentation at the 34th Annual Meeting of the American Pediatric Surgical Association, Fort Lauderdale, FL, May 2003.
30. Zuckerbraun BS, Ford HR, Morrison K, **Gaines BA**, Hackam DJ. Effect of Age on Cervical Spine Injuries in Children After Motor Vehicle Collisions: Effectiveness of Restraint Devices. Poster presentation at the 34th Annual Meeting of the American Pediatric Surgical Association, Fort Lauderdale, FL, May 2003.
31. Nwomeh BC, Nadler EP, Meza MP, Bron K, **Gaines BA**, Ford HR. Contrast extravasation predicts the need for operative intervention in children with blunt splenic trauma. The 62nd Annual Meeting for the American Association for the Surgery of Trauma, September 2003.
32. Healy J, Aziz H, Kane T, **Gaines BA**, Green M, Kurland G, Hackam DJ. VATS early VATS often. A new approach to the management of pediatric empyema. Poster Presentation. Science 2003 Forum, University of Pittsburgh, Pittsburgh, PA, September 24-26, 2003.
33. **Gaines BA**, Cassidy Schall L, Ford HR. Does Gender Influence Outcome in Pediatric Trauma? Oral- Poster Session at the 37th Annual Meeting of the Association for Academic Surgery, Sacramento, November 2003.
34. Nadler EP, Reblock KK, Ford HR, **Gaines BA**. Predictors of outcome for children with perforated appendicitis initially treated non-operatively. The 24th meeting of the Surgical Infection Society, Indianapolis, IN, April 2004.
35. **Gaines BA**, Cassidy Schall L, Ford HR. Does pre-existing mental illness affect outcome in pediatric trauma? The 38th Annual Meeting of the Association for Academic Surgery, Houston, November 2004.
36. Zuckerbraun NS, Pitetti RD, Herr SM, Roth KR, **Gaines BA**, King C. Use of Etomidate for Rapid Sequence Intubation in a Pediatric Emergency Department. The American Academy of Pediatrics National Conference, San Francisco, CA, October 2004.
37. Feliz A, Shultz B, McKenna C, **Gaines BA**. Diagnostic and therapeutic laparoscopy in pediatric abdominal trauma. American Pediatric Surgical Association 36th Annual Meeting, Phoenix, AZ, May 2005.
38. Leaphart CL, Danko M, Cassidy L, **Gaines BA**, Hackam DJ. An Analysis of Proctoscopy vs. CT Scanning in the Diagnosis of Rectal Injuries in Children: Which is Better? The American Academy of Pediatrics National Conference, Washington, DC, October 2005.
39. Zuckerbraun NS, Kurland K, Songer T, Gismondi K, **Gaines BA**. Application of a Geographic Information System (GIS) To Identify Neighborhoods at High Risk for Severe Pediatric Pedestrian Injuries and the Relation to Green Space Density. Pediatric Academic Societies' Annual Meeting, San Francisco, CA, May 2006.
40. Leaphart CL, Cassidy LS, Gismondi K, **Gaines BA**. Mechanism of injury in pediatric trauma patients is an unreliable predictor of injury severity. American Association for the Surgery of Trauma, 65th Annual Meeting, New Orleans, LA, September 2006.
41. **Gaines BA**, Vitale C. This is RED: A novel program for teen driving offenders. Injury Free Coalition for Kids 11th Annual Conference, Fort Lauderdale, FL, December 2006.
42. Vitale C, **Gaines BA**. Hard Heads; A New Approach to an Old Issue. Injury Free Coalition for Kids 11th Annual Conference, Fort Lauderdale, FL, December 2006.

43. Vitale C, **Gaines BA**. Hard Heads - A New Approach to an Old Issue. American Academy of Pediatrics Section on Injury, Violence, and Poison Prevention, San Francisco, October 2007.
44. Shah SR, **Gaines BA**. Safety Factors Related to All-Terrain Vehicle (ATV) Injuries in Children. American Academy of Pediatrics Section on Injury, Violence, and Poison Prevention, San Francisco, October 2007.
45. Juang D, **Gaines BA**. Sledding Injuries: A Rationale for Helmet Usage. American Academy of Pediatrics Section on Injury, Violence, and Poison Prevention, San Francisco, October 2007.
46. Shah SR, Wearden P, **Gaines BA**. Pediatric Vascular Injuries: A review of our experience. Third Annual Academic Surgical Congress, Huntington Beach, CA, February 2008.
47. Leaphart C, Sippey M, Gismondi K, **Gaines BA**. Blood product transfusions in pediatric patients are not associated with an increase in morbidity and mortality. Third Annual Academic Surgical Congress, Huntington Beach, CA, February 2008.
48. M Neal, M Sippey, **BA Gaines**, DJ Hackam. The presence of pneumomediastinum after blunt trauma in children: What does it really mean? American Pediatric Surgical Association 39th Annual Meeting, Phoenix, AZ, May 2008.
49. **Gaines, BA**, O'Brien, Sarah; Rodeberg, David; McKenna, Christine; Miller, Marianne; Sippey, Megan; Dickson, Julie; Richey, Kim. Management of Children at Risk For Deep Venous Thrombosis: Result of a Clinical Guideline. (Poster) The American Association for the Surgery of Trauma Sixty-Seventh Meeting-Third Joint Meeting with The Japanese Association of Acute Medicine, Maui, Hawaii, September 2008.
50. Segura BJ, Prince J, Feliz A, Klinkner D, Sau I, Burns RC, Potoka D, Miller K, Gittes G, **Gaines BA**, Kane TD. Operative Management of traumatic pancreatic transaction in children. Presented at the 4th Annual Academic Surgical Congress, Ft. Meyers, Florida, February 2009.
51. Mollen KP, Rodeberg DA, Peitzman AB, **Gaines BA**. When is a child an adult? A comparison of adolescent trauma patient demographics between two neighboring trauma centers. Presented at the 4th Annual Academic Surgical Congress, Ft. Meyers, Florida, February 2009.
52. Shah SR, Fox MD, Jegapragasan M, **Gaines BA**. Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA. A Comparison of Pediatric Injuries from Bicycles, Dirtbikes, and ATVs. 5th Annual Academic Surgical Congress, San Antonio, Texas, February 2010.
53. Rutkoski JD, **Gaines BA**, Sippey M, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA. Traumatic Television Tip-Overs in the Pediatric Population. 5th Annual Academic Surgical Congress, San Antonio, Texas, February 2010.
54. Juang D, Sippey M, Zuckerbraun N, **Gaines BA**. Children's Mercy Hospital, Kansas City, MO, Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA. "Non-bite dog-related" injuries: an overlooked injury mechanism in the pediatric population. 5th Annual Academic Surgical Congress, San Antonio, Texas, February 2010.
55. Sreedher G, Tadros S, **Gaines BA**, McKenna C, Abdalla KAW. Pediatric Blunt Splenic Trauma: Changing Etiopathogenesis. Poster presentation International Pediatric Radiology Conference, UK July 2011.
56. Bykowski MR, Shakir S, Smith DM, Naran S, **Gaines BA**, Squires J, Losee JE. A Pediatric Tertiary Referral Center's Experience with Man's Best Friend: Presentation, Management, and the Implications for Dog and Owner. Northeastern Society of Plastic Surgeons Meeting, October 23, 2011, Amelia Island, FL.

57. Baeder K, **Gaines BA**, Radiation exposure from computed tomography for the initial evaluation of trauma at non-pediatric facilities: a matched comparative study. (Poster) American Pediatric Surgical Association, Annual Meeting, May 2-5, 2013. Marco Island, FL.
58. **Gaines BA**, Vitale C, Reese T, Lu B. (Poster) Hospital-Based Community Safety Center: An Evaluation Project. Injury Free Coalition for Kids 2013 Annual Meeting, November 8-10, 2013, Fort Lauderdale, FL.
59. **Gaines BA**, Vitale C, Shi M, Reese T, Lu B. (Poster) Hospital-Based Community Safety Center: An Evaluation Project. 2014 John M. Templeton Jr. Pediatric Trauma Symposium, March 7-8, 2014. Philadelphia, PA.
60. Leeper C, Nasr I, McKenna C, **Gaines BA**. (Abstract) Coagulopathy in Pediatric Non-Accidental Trauma: Elevated INR on Admission Strongly Predicts Mortality in Victims of Abuse. Presented at the 2nd Annual Pediatric Trauma Society Meeting. November 6-7, 2015. Scottsdale, AZ.
61. Leeper CM, Nasr I, McKenna C, Berger RP, **Gaines BA**. (Abstract) Elevated admission INR strongly predicts mortality in victims of abusive head trauma. Presented at the 2nd Annual Pediatric Trauma Society Meeting November 6-7, 2015. Scottsdale, AZ.
62. Brown J, Leeper C, Sperry L, Peitzman A, Billiar T, **Gaines BA**, Gestring M. (Abstract) Helicopters and Injured Kids: Improved Survival with Scene Air Medical Transport in the Pediatric Trauma Population. Presented at the 2nd Annual Pediatric Trauma Society Meeting. November 6-7, 2015. Scottsdale, AZ.
63. Leeper CM, Kutcher M, Nasr I, McKenna C, Billiar T, Neal MD, Sperry J, **Gaines BA**. (Abstract) Acute traumatic coagulopathy in a critically-injured pediatric population: Definition, trend over time and outcomes. Presented at 29th Annual Eastern Association for the Surgery of Trauma, January 12, 2016. San Antonio, TX.
64. S. Mahmoud, T Smith, Y Elliott, S Scholz, **B Gaines**, L Joy, M Visoiu. (Poster) Continuous Paravertebral Nerve Blockade for Postoperative Analgesia after Pediatric Nuss Procedure, A CHP of UPMC Pain Management Protocol. ARSA's 41st Annual Regional Anesthesiology and Acute Pain Medicine. March 31-April 2, 2016. New Orleans, LA.
65. Leeper CM, Neal MD, McKenna C, Sperry JL, **Gaines BA**. (Abstract) Abnormalities in fibrinolysis at the time of admission are associated with deep vein thrombosis, mortality, and disability in a pediatric trauma population. American Association for the Surgery of Trauma, September 14-27, 2016. Kona, HI.
66. Brown J, Gestring M, Leeper C, Sperry J, Peitzman A, Billiar T, **Gaines BA**. The Value of ISS in Pediatric Trauma: time for a New Definition of Severe Injury? 3rd Annual Pediatric Trauma Society, November 11-12, 2016. Nashville, TN.
67. Edgerton E, Fendya D, Ely M, Richards R, **Gaines BA**. Is Trauma Designation Predictive of Rediness to Care for Children? 3rd Annual Pediatric Trauma Society, November 11-12, 2016. Nashville, TN.
68. Leeper CM, Neal MD, McKenna C, **Gaines BA**. (Abstract) Trending Fibrinolytic Dysregulation: Changes in Fibrinolysis Over Hospitalization Predict Poor Outcome in Severely-injured Children. 137th Annual American Surgical Association, April 20-22, 2017. Philadelphia, PA.
69. Leeper CM, Neal MD, McKenna C, Billiar T, **Gaines BA**. (Abstract) Putting the Pieces Together: A Principal Component Analysis of Acute Traumatic Coagulopathy in Kids. 12th Annual Academic Surgical Congress, February 7-9, 2017. Las Vegas, NV.
70. Joshua B Brown, Mark L Gestring, Christine M Leeper, Jason L Sperry, Andrew B Peitzman, Timothy R Billiar, **Barbara A Gaines**. Scientific Session: Characterizing Injury Severity in Non-

accidental Trauma; Does Injury Severity Score Miss the Mark? 4th Annual Pediatric Trauma Society, November 3, 2017, Charleston, South Carolina.

71. Christine M Leeper, Christine McKenna, **Barbara A Gaines**. Scientific Session: Too Little Too Late: Hypotension and Blood Transfusion in the Trauma Bay Independently Increase Odds of Early, Intermediate and Late Death. 4th Annual Pediatric Trauma Society, November 4, 2017, Charleston, South Carolina.
72. Christine M Leeper, Christine McKenna, **Barbara A Gaines**. Scientific Session: Repeat Offenders: Trauma Recidivism Has a Bimodal Age Distribution and is Increased in Victims of Inflicted Injuries. 4th Annual Pediatric Trauma Society, November 4, 2017, Charleston, South Carolina.
73. Amelia C Lucisano, Christine M Leeper, **Barbara A Gaines**. Scientific Session: Spine Injury in Cases of Suspected Abusive Trauma: An Alarming Phenomenon. 4th Annual Pediatric Trauma Society, November 4, 2017, Charleston, South Carolina.
74. Christine M. Leeper, MD Neal, TR Billiar, JL Sperry, **BA Gaines**. Over resuscitation with plasma is associated with sustained fibrinolysis shutdown and death in pediatric TBI. 31st Annual EAST Scientific Assembly, Lake Buena Vista, FL. January 10, 2018.
75. Strotmeyer S, Vitale C, **Gaines BA** “Reception of Injury Risk Among Parents of Youth Bicyclists”. Injury-Free Coalition for Kids, Fort Lauderdale, Florida, December 1, 2018.
76. Leeper CM, Yazer M, Trizuli D, Cladis F, Saladino R, **Gaines, BA** “Cold-Stored Whole Blood Platelet Functions is Preserved in Injured Children with Hemorrhagic Shock”. Eastern Association for Surgery of Trauma, Austin, Texas, January 16, 2019.
77. Leeper CM, Strotmeyer S, Neal MD, **Gaines BA** “Opportunity to Mitigate Trauma-Induced Coagulopathy in Children: Fibrinolytic Shutdown is Not Prevalent Until 1-hour Post-Injury” American Surgical Association, Dallas, Texas, April 12, 2019.
78. Hrebinko K, Strotmeyer S, Richardson W, **Gaines BA**, Leeper CM. Sex dimorphisms in coagulation characteristics in the pediatric trauma population appear after puberty. Oral presentation, 80th Annual Meeting of AAST and Clinical Congress of Acute Care Surgery. Atlanta GA, October 1, 2021.
79. Morgan K, **Gaines BA**, Richardson WM, Strotmeyer S, Leeper CM. Recognizing life-threatening bleeding in pediatric trauma: A standard for when to activate massive transfusion protocol. Oral presentation, Pediatric Trauma Society 7th Annual Meeting, Baltimore MD, November 4, 2021.
80. Perlick C, Strotmeyer S, **Gaines BA**, Richardson WM. An analysis of PTSD screening at a level I trauma center follow-up clinic. Oral presentation, Pediatric Trauma Society 7th Annual Meeting, Baltimore MD. November 4, 2021.
81. Morgan KM, Anderson KT, **Gaines BA**, Scholz S. Novel technique for high-tension repair of complex traumatic sternal fracture: Zip for a fix. Oral presentation, Pediatric Trauma Society 7th Annual Meeting, November 5, 2021.

TRAUMA AND INJURY PREVENTION EVENTS / MEDIA

1. Bus accident with child (Family and Dr. Gaines). KDKA-TV, WPXI-TV, WTAE-TV, FOX, Tribune- Review, Pittsburgh Post-Gazette, KDKA Radio, KQV, February 26, 2002.
2. Sports injuries in kids. WPXI-TV, May 22, 2002.
3. Car seat safety and seat belts for kids. FOX, March 23, 2002.

4. Summer Injuries. Woman's Day Magazine, March 23, 2002.
5. Fireworks safety and former patient injured by fireworks. Tribune-Review, June 25, 2002.
6. Summer injuries/traumas. Post-Gazette, June 26, 2003.
7. Skating injuries. WTAE-TV, August 12, 2002.
8. Car surfing. KDKA Radio, August 28, 2002.
9. Gunshot wounds and kids. WTAE-TV, December 5, 2002.
10. KDKA/Children's Hospital Radiothon. KDKA Radio, December 12, 2002.
11. Home Safety. Tribune-Review, December 19, 2002.
12. RE: patient Paul Bryer. Tribune-Review, December 19, 2002.
13. Frostbite and cold weather – kids. WTAE-TV, January 22, 2003.
14. Kids and exercise equipment. WTAE-TV, January 29, 2003.
15. Winter injuries. Y108-FM, B94 FM, Star 100.7 FM, February 4, 2003.
16. Child passenger safety. Pittsburgh Tribune-Review, February 26, 2003.
17. Dangers of wrestling. WTAE-TV, May 28, 2003.
18. Power windows as choking hazard. WTAE-TV, May 28, 2003.
19. Circumcision. WTAE-TV, May 21, 2003.
20. Summer traumas. KDKA Radio, June 12, 2003.
21. Fireworks safety. KQV Radio, July 4, 2003.
22. Physicians for social responsibility, assault weapons ban. TV, radio, April 17, 2004.
23. Bike Safety. WTAE, WPXI, WPGH TV, May 18, 2004.
24. Summer Traumas. PCNC-TV, "NightTalk w/Ann Devlin," June 24, 2004.
25. Seat-belt injuries. CBS, "The Early Show," September 2004.
26. Back to school. PCNC-TV, "NightTalk w/Ann Devlin," September 9, 2004.
27. Assault weapons (press conference). TV, radio, newspaper, September 7, 2004.
28. Wintertime injuries. KDKA radio, November 28, 2004.
29. ATV injuries. TV, November 29, 2004.
30. Dangerous Toys. PCNC-TV, "NightTalk w/Ann Devlin," December 1, 2004.
31. Wintertime injuries. KDKA TV, "Jennifer Antkowiak Show," December 17, 2004.
32. Protecting kids when the weather is cold. KDKA radio, December 20, 2004.
33. Cold Weather Injury Prevention. WPXI, Fox53, WDUQ radio, KQV radio, Jan. 17, 2005.
34. ATV safety - interview with Herald-Standard newspaper, Jan. 17, 2005.
35. Sledding safety - interview with KDKA, March 1, 2005.
36. Car Seat Safety. KDKA, Fox53, WPXI, WDUQ, KQV, April 16, 2005.

37. Care Seat Safety (restraining child in appropriate seat for size and age). KDKA, WTAE, WPXI, Pittsburgh Tribune-Review, April 26, 2005.
38. Dangers of parents co-sleeping with kids. Fox53, WTAE, WPXI, Pittsburgh Tribune-Review, May 9, 2005.
39. ABCs of summer trauma season. New York Times, May 9, 2005.
40. Drowning dangers around the home. WTAE, May 19, 2005.
41. Fireworks safety. WPXI, July 1, 2005.
42. Dangers of lightning strikes. Fox53, July 18, 2005.
43. Dangers of lightning strikes. KDKA, Pittsburgh Today Live with Jennifer Antkowiak, July 19, 2005.
44. Halloween Safety. WPXI, October 31, 2005.
45. Trauma and Injury Prevention. KDKA radio, December 12, 2005.
46. Cheerleading injuries. Pittsburgh Tribune-Review, January 9, 2006.
47. Dog Bites. WTAE, February 26, 2006.
48. The Choking Game. Christian Broadcast Network, February 22, 2006.
49. RED Program; Reality Education for Drivers. Pittsburgh Tribune-Review, April 1, 2006.
50. Trauma Story. Pittsburgh Tribune-Review, April 21, 2006.
51. Hard Head Patrol. KDKA, WTAE, WPXI, Butler Eagle, KQV, May 3, 2006.
52. Hard Head Patrol. Pittsburgh Today Live, KDKA, May 9, 2006.
53. Pool Safety. WTAE, May 30, 2006.
54. Hard Head Patrol. PCNC-TV, "NightTalk w/Ann Devlin," June 21, 2006.
55. Swimming Safety. Post-Gazette, June 22, 2006.
56. Swimming Safety. KDKA, June 27, 2006.
57. Fireworks Safety. KDKA, June 30, 2006.
58. Shopping Cart Dangers. WPXI, August 8, 2006.
59. Shopping Cart Injuries. Tribune-Review, August 31, 2006.
60. Football Injuries. KDKA Radio, September 5, 2006.
61. ATV Accidents. Tribune-Review, September 14, 2006.
62. CHP and Other Web Sites. Pittsburgh Parent, September 21, 2006.
63. ATV Dangers. KDKA Radio, September 25, 2006.
64. Trauma 20th Anniversary. KQV Radio, October 3, 2006.
65. Teen Driving Safety. WTAE, October 6, 2006.
66. Hidden Dangers in Home. Delaware News-Journal, October 23, 2006.
67. Kohl's Check Presentation/Think First for Kids using actors. WDUQ, October 26, 2006.
68. Halloween Safety. KDKA Radio, October 30, 2006.

69. ATV Danger. SUNY Plattsburgh Web, November 3, 2006.
70. Fabuloso Poisonings. WPXI, November 16, 2006.
71. Falling TV's. WPXI, November 16, 2006.
72. Hunting Safety. KQV, November 27, 2006.
73. Winter Injury Prevention. KDKA, Pittsburgh Today Live, December 12, 2006.
74. Holiday Safety. WDUQ, December 14, 2006.
75. ATVs, Fun or Dangerous? All Points North on-line magazine, winter 2007 edition.
76. Fireworks Safety. KDKA, Pittsburgh Today Live, July 3, 2007.
77. ATV Accidents at All-Time High. WTAE-TV; Pittsburgh Post-Gazette; Pittsburgh Tribune-Review, November 7, 2007.
78. Bike Safety, Injury Prevention Podcast Series.
http://www.chp.edu/besafe/podcast/podcast_intro.php, November 2007.
79. Hunting Safety and Injury Prevention. KQV Radio, November 23, 2007.
80. Holiday Toy Safety, KDKA Radio, November 28, 2007.
81. Free Care for Kids telethon, Trauma feature. Children's Hospital of Pittsburgh. KDKA, December 19, 2007.
82. Holiday safety and injury prevention. KDKA Radio, December 21, 2007.
83. Joint press conference concerning about rising handgun violence with elected officials and CeaseFirePA. Pittsburgh Post-Gazette; Pittsburgh Tribune-Review; KDKA-TV; WTAE; WPXI; KQV; WDUQ; McKeesport Daily News, February 2008.
84. Fire Safety. 92.9 FM Radio, April 14, 2008.
85. Falls from open windows, common in Spring, KDKA, April 29, 2008.
86. Summer playground safety and injury prevention, CBS radio, May 15, 2008.
87. New study on potential risks of bunk beds for kids, KDKA radio, June 3, 2008.
88. Swimming and bicycle safety in the summer, WLTJ FM radio, June 17, 2008.
89. Summer trauma season and common injury prevention topics, Johnston Tribune-Democrat, June 18, 2008.
90. Fourth of July, fireworks safety, KQV radio, June 25, 2008.
91. Phillips Playground, ribbon cutting, KDKA and WTAE-TV, August 26, 2008.
92. Teens and driving age, Associated Press (National), September 4, 2008.
93. Halloween safety, KDKA radio, October 28, 2008.
94. Childproofing your home for the holidays, Pittsburgh Tribune Review, November 17, 2008.
95. Holiday and winter injury prevention for kids, 92.9 FM radio, November 25, 2008.
96. Sledding safety and other winter injury prevention, Pittsburgh Tribune-Review, January 8, 2009
97. Protecting kids from cold weather injuries, WPXI, January 14, 2009.
98. Study on effectiveness of child safety seats, HealthDay, January 15, 2009.

99. Dangers of pedestrians talking on cell phones, MSNBC, January 21, 2009.
100. The ER doctor's guide to a safer summer, MSNBC.com, May 25, 2009.
101. 4th of July fireworks in Atlanta, plus precautions for parents, Examiner.com, July 1, 2009.
102. Seat belt, bike helmets go unused in movies aimed at kids, Womenshealth.gov, January 11, 2010.
103. Children's Hospital of Pittsburgh of UPMC's Hard Head Patrol on lookout for kids wearing helmets this summer, Pittsburgh Urban Media, May 31, 2010.
104. Playground and Pool Safety, Pittsburgh Post-Gazette, July 5, 2010.
105. Fall Safety Fair-Promoting Safety Awareness, Arsenal Park. Kohl's and Children's Hospital of Pgh. of UPMC event, October 10, 2010.
106. FOCUS- Teen Driver Event, Focus on Distracted Driving- Allstate. WTAE, WPXI, October 19, 2010.
107. Pediatric INSIGHTS, Sports Concussion in Children and Teens, Concussion Prevention Advisory, Fall 2010.
108. Bloomberg Business Week, Seat Belts, Bike Helmets Go Unused in Movies Aimed at Kids, January 11, 2010.
109. WebMD, Shooting Is No. 2 Cause of Kid's Injury Death. May 12, 2011.
110. Medical News Today, Children's Hospital of Pittsburgh of UPMC's "Hard Head Patrol" to Monitor Kids Wearing Helmets This Summer. May 24, 2011.
111. WDUQ News, Hard Head Patrols Resume. May 31, 2011.
112. Pittsburgh Tribune-Review, Two Weekend Death Highlight Pool Dangers. June 7, 2011.
113. U.S. News & World Report (Healthday), Portable Pools Pose Drowning Risk for Young Kids. June 7, 2011.
114. Pittsburgh Post-Gazette, Study reveals dangers of portable pools for children. June 21, 2011.
115. ABC News (Prevention Magazine), The ER Doctor's Guide to a Safer Summer. July 16, 2011.
116. Pittsburgh Tribune Review, Basic safety sense can stave off injuries to kids. August 18, 2011.
117. U.S. News & World Report (Healthday), Pediatric Groups Want to KO Boxing for Kids. August 29, 2011.
118. Radio Disney, Pediatric safety, Kohl's Safety Center, September 9, 2011.
119. Pittsburgh Post-Gazette, Most are unaware of leaving a child in car is illegal. September 29, 2011.
120. Fall Safety Fair-Promoting Safety Awareness, Arsenal Park. Kohl's and Children's Hospital of Pittsburgh of UPMC event. October 2, 2011.
121. KDKA "Pittsburgh Today Live", Interview regarding Halloween Safety, October 31, 2011.
122. Pittsburgh Post-Gazette, Texting-while-driving ban will be hard to enforce. November 14, 2011.
123. Pittsburgh-Tribune Review, Tiny batteries pose huge risk for small children. December 23, 2011.
124. WTAE-TV, Tiny batteries pose huge risk for small children. December 23, 2011.
125. WTAE-TV, Choking hazards in children. February 15, 2012.

126. KDKA TV News, Fallen TV Dangers. February 23, 2012.
127. KDKA Radio, Drowning Prevention. April 13, 2012.
128. KQV Radio, 25th Anniversary on Trauma Program. June 19, 2012.
129. WTAE-TV, Children and Hot Weather. June 19, 2012
130. WPXI-TV News, Study shows number of children swallowing batteries continues rising. July 3, 2012.
131. KQV Radio, Back to School-Injury Prevention. August 14, 2012.
132. NBC News, Trampolines are no place for kids, docs warn. September 24, 2012.
133. Pittsburgh Post-Gazette, Doctors seek ban on tiny magnets swallowed by children. October 23, 2012.
134. Pittsburgh Post-Gazette, Popular magnets draw doctor's warning. October 23, 2012.
135. Pittsburgh Post-Gazette, New apps help trail your trick-or-treater's every move. October 28, 2012.
136. Pittsburgh Tribune-Review, Children's Hospital of Pittsburgh warns of sledding dangers. December 30, 2012.
137. KQV Radio, Interview regarding Hard Head Patrol. June 3, 2013.
138. Pittsburgh Tribune-Review, Experts urge adults to be aware of drowning danger. July 3, 2013.
139. WTAE-TV, Thousands getting concussions while wearing bike helmets. May 1, 2014.
140. Pittsburgh Post-Gazette, Summertime is 'trauma season' for hospital ERs. May 8, 2014.
141. Trauma Bay Times, Taking children to the wrong trauma center can be a deadly mistake. September 12, 2014.
142. KDKA-TV Pittsburgh Today Live morning show. Halloween Safety. October 24, 2014.
143. Trauma System News, Six Ways to Improve Trauma Care for Children. November 13, 2014.
144. Trib Total Media, Winter Safety. January 3, 2015.
145. KDKA Radio, Winter Sports Safety for Kids. January 14, 2015.
146. KDKA, Children's Bounce Houses and Slides, June 11, 2015.
147. KDKA-TV Pittsburgh Today Live morning show. Back to school safety. September 2, 2015.
148. WPXI-TV, Spleen Injury interview, October 13, 2015.
149. KDKA-TV Pittsburgh Today Live morning show. Tips to keep kids safe on Halloween. October 19, 2015.
150. Pittsburgh Post-Gazette, Building awareness of spleen injuries in athletes. October 20, 2015.
151. KDKA-TV, Staggering Stats Shed Light on Dangers of Kids Climbing on Dressers. February 2, 2017.
152. WPXI-TV, Back to School Safety, August 2018.
153. KDKA Pittsburgh Today Live, Back to School Safety, August 28, 2018.
154. WPXI-TV 11 Investigates injuries at local trampoline parks. February 27, 2019.

155. KDKA Radio More Trips to the Hospital Because of Trampolines. April 10, 2019.

PRESS RELEASES

1. National Child Passenger Safety Week Awareness. Feb. 8, 2002
2. Car Seat Checkpoints and Car Seat Safety. April 9, 2002
3. Firework Safety. June 28, 2002
4. Dog Bite – Safety and Prevention (web site). July 3, 2002
5. Summer Traumas. June 11, 2003
6. Fireworks Safety. July 1, 2003
7. Trauma Center Accreditation. October 4, 2004
8. Halloween Safety. October 21, 2004
9. Car seat checks. April 16, 2005
10. Drowning accidents. June 10, 2005
11. ATV “clothesline” injuries. June 14, 2005
12. New Pediatric Hand Surgery Center. June 28, 2005
13. National child passenger safety week. February 14, 2006
14. Road Radio. March 17, 2006
15. Hard Head Patrol. May 3, 2006
16. Pool safety. June 15, 2006
17. Fireworks injuries. June 30, 2006
18. 20th Anniversary of accreditation of trauma program. October 3, 2006
19. Road Radio. October 26, 2006
20. “Think first for kids” advisory. October 26, 2006
21. Trick-or-treating safety. October 27, 2006
22. Road Radio. November 16, 2006
23. Winter safety. December 8, 2006
24. National Child Passenger Safety Week. February 9, 2007
25. Road Radio. March 26, 2007
26. Spring Safety. May 8, 2007
27. Hard Head Patrol. May 9, 2007
28. TECHS car seat check/State Farm check presentation. May 19, 2007
29. Swimming pool safety. June 1, 2007
30. Dangers of heeled shoes (shoes with wheels), June 4, 2007
31. Hard Head Patrol. June 21, 2007

32. Child passenger safety. July 2, 2007
33. Fireworks safety. July 2 & 3, 2007
34. Hazards in the home for newborns. July 3, 2007
35. Dangers of escalators and Crocs shoes. July 5, 2007
36. Trampoline safety. July 17, 2007
37. School bus safety and seatbelts on buses. August 1, 2007
38. Dangers of Crocs shoes for kids. September 18, 2007
39. ATV crashes at all-time high at CHP. October 15, 2007
40. Halloween safety. October 19, 2007
41. Children's Hospital of Pittsburgh of UPMC's Hard Head Patrol on Lookout for Kids Wearing Helmets This Summer. May 10, 2010
42. Children's Hospital of Pittsburgh of UPMC's "Hard Head Patrol" to Monitor Kids Wearing Helmets this Summer. May 24, 2011.
43. Children's Hospital of Pittsburgh of UPMC Urges Parents to be Vigilant Against Potentially Dangerous Toys this Holiday Season, December 21, 2011.
44. Children's Hospital of Pittsburgh of UPMC's "Hard Head Patrol" Back This Summer on the Lookout for Kids Wearing Helmets. May 22, 2012.
45. Children's Hospital of Pittsburgh of UPMC and Safe Kids Allegheny County Educate Parents and Kids on Bicycle Safety. May 23, 2012.
46. Children's Hospital of Pittsburgh of UPMC Keeps the Fear Out of Halloween for Families by Offering Safety Tips. October 24, 2012.
47. Children's Hospital of Pittsburgh of UPMC Urges Parents to be on High Alert When Purchasing Toys with Button Batteries. December 11, 2012.
48. Children's Hospital of Pittsburgh of UPMC's 'Hard Head Patrol' Adds New Helmet Fitting Locations this Summer. May 27, 2014.
49. Children's Hospital of Pittsburgh of UPMC and The Allstate Foundation Partner to Stop Distracted Driving by Teens. September 10, 2014.
50. Halloween Doesn't Need to be a Frightening Night with Safety Advice from Children's Hospital of Pittsburgh of UPMC. October 27, 2014.
51. Make Summer Safe in The Water with Tips from Children's Hospital of Pittsburgh of UPMC Experts, June 30, 2015.
52. Children's Hospital of Pittsburgh of UPMC and The Allstate Foundation Partner Again to Stop Distracted Driving by Teens, October 7, 2015.
53. Children's Hospital of Pittsburgh of UPMC's Hard Head Patrol Returns to the Streets to Reinforce Helmet Safety. April 28, 2016.
54. Stay Safe Playing Pokemon Go, Children's Hospital of Pittsburgh of UPMC Blog, Twitter and Facebook. July 14, 2016.
55. Keep Kids Safe This Halloween with Advice from Children's Hospital of Pittsburgh of UPMC. October 17, 2016.

56. Riders May Not Appreciate Risks When Using Shared Electric Scooters, Reuters, January 25, 2019

TEACHING

Presentations:

1. Gastrointestinal bleeding in children. Presented at Pediatric Surgery teaching conference, January 19, 1999.
2. Neonatal chronic lung disease. Presented at Pediatric Surgery teaching conference, March 2, 1999.
3. Nutritional support and short bowel syndrome. Presented at Pediatric Surgery teaching conference, March 23, 1999.
4. Pyloric stenosis. Presented at Pediatric Surgery teaching conference, June 1, 1999.
5. Pediatric Anatomy Lab, Camp STAT, July 2000.
6. Neonatal bowel obstruction. Pediatric Surgery teaching conference, August 2000.
7. Surgical Skills Practicum. ATLS class (instructing). University of Pittsburgh School of Medicine, June 13, 2002.
8. Pediatric Trauma. ATLS class (instructing). University of Pittsburgh School of Medicine, June 14, 2002.
9. Management of Trauma Patient, PICU Fellows Lecture, Children's Hospital of Pittsburgh, July 2002.
10. Human body course (Pelvis case). Problem-based Learning, University of Pittsburgh School of Medicine, September 13, 2002.
11. Human body course (Head/Neck case). Problem-based Learning, University of Pittsburgh School of Medicine, September 20 and 25, 2002.
12. Abdominal Trauma, ER Fellows Course, Children's Hospital of Pittsburgh, October 2, 2002.
13. Surgical Skills Practicum. ATLS class (instructing). University of Pittsburgh School of Medicine, July 17, 2003.
14. Pediatric Trauma. ATLS class (instructing). University of Pittsburgh School of Medicine, July 18, 2003.
15. Introduction to Surgical Techniques. Clinical Procedures Course, University of Pittsburgh School of Medicine, May 11, 2004.
16. Trauma Resuscitation Video Review, Children's Hospital of Pittsburgh, monthly.
17. Human body course (Thorax case). Problem-based Learning, University of Pittsburgh School of Medicine, August 30 and September 5, 2004.
18. Suture Technique, Surgery Clerkship, University of Pittsburgh School of Medicine, January 5, 2005.
19. Pediatric Trauma. ATLS class (instructing). University of Pittsburgh School of Medicine, July 14, 2006.
20. Pediatric Intensive Care Unit (PICU) Fellow Lecture. Children's Hospital of Pittsburgh, July 25, 2006.

21. Human body course. Problem-based Learning, University of Pittsburgh School of Medicine, September 5 and 8, 2006.
22. Human body course. Problem-based Learning, University of Pittsburgh School of Medicine, September 12 and 15, 2006.
23. Clinical Experience Course. University of Pittsburgh Medical Center student shadowing clinic, Children's Hospital of Pittsburgh, November 2006.
24. Clinical Experience Course. University of Pittsburgh Medical Center student shadowing clinic, Children's Hospital of Pittsburgh, February 2007.
25. Pediatric Surgery. Allegheny General Hospital, General Surgery Residency Program, April 10, 2007.
26. Pediatric Surgery. Fellows Lecture Series, Children's Hospital of Pittsburgh, Department of Anesthesiology, May 9, 2007.
27. Pediatric Intensive Care Unit (PICU) Fellow Lecture. Children's Hospital of Pittsburgh, July 12, 2007.
28. Approach to Trauma in the ED, ER Fellows Course, Children's Hospital of Pittsburgh, August 8, 2007.
29. Topics in Clinical Research: Human Subject Research-Ethics and the IRB. AAS Fundamentals of Surgical Research Course, New Orleans, October 2007.
30. Clinical Experience Course. University of Pittsburgh Medical Center student shadowing clinic, Children's Hospital of Pittsburgh, February 2008.
31. Pediatric Grand Rounds, University of Pittsburgh Medical Center, Children's Hospital of Pittsburgh of UPMC, May 2008.
32. M&M Pediatric Trauma, Hamot Medical Center, Erie, PA, November 2008.
33. Grand Rounds, Pediatric Surgery Department, Allegheny General Hospital, Pittsburgh, PA, November 2008.
34. Trauma Nurse Course, Children's Hospital of Pittsburgh of UPMC, February 2009.
35. Trauma Lecture for Emergency Fellows, Children's Hospital of Pittsburgh of UPMC, July 2009.
36. Pediatric Trauma Case Review, UPMC Horizon Greenville, September 2009.
37. Clinical Experience Course, students shadowing in clinic, University of Pittsburgh School of Medicine, October 9 & 19, November 2, 9, 13, 23, 2009.
38. Moderator for Junior Resident Education Conference, Upper GI-Pediatric Disorders of Small Intestine, March 18, 2009.
39. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, April, July, October, December 2010.
40. Trauma Lecture for Emergency Fellows, "Introduction to Trauma", Children's Hospital of Pittsburgh of UPMC, July 2011.
41. Trauma Nurse Course, "The Golden Hour". Children's Hospital of Pittsburgh of UPMC, September 12, 2011.
42. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, February, June, August, September, December 2011.

43. Presenter- Abdominal Trauma and Thoracic Trauma. (2 separate talks) Pediatric Critical Care Management (PCCM) Fellow Education, Children's Hospital of Pittsburgh of UPMC, May 2, 2012.
44. Presenter- How to have a balanced life as a female surgeon. Plastic Surgery Grand Rounds, Children's Hospital of Pittsburgh of UPMC, May 9, 2012.
45. Presenter- The Golden Hour. Trauma Nurse Course, Children's Hospital of Pittsburgh of UPMC. May 24, 2012, and September 5, 2012.
46. Presenter- Pediatric Surgery. MS-3 University of Pittsburgh School of Medicine, Watson Surgical Center, June 13, 2012.
47. Presenter-The Golden Hour. Trauma Nurse Course, Children's Hospital of Pittsburgh of UPMC. May 13, 2013.
48. Presenter- Pediatric Trauma. Pediatric Intensive Care Unit fellows' orientation. Children's Hospital of Pittsburgh of UPMC. July 22, 2013.
49. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, February, June, August, September, December 2013.
50. Presenter- Pediatric Trauma. Pediatric Emergency Medicine residents' orientation. Children's Hospital of Pittsburgh of UPMC. July 24, 2013.
51. Moderator- M & M Conference – Department of General Surgery residents. July 29, 2013.
52. Presenter- Pediatric Trauma. Telemedicine Lecture, UPMC Presbyterian Hospital PGY1 and PGY2 residents. Children's Hospital of Pittsburgh of UPMC. September 4, 2013.
53. Presenter-Pediatric Trauma. Pediatric Critical Care Fellows. Children's Hospital of Pittsburgh of UPMC. November 26, 2013.
54. Pediatric Trauma. ATLS class. Trauma in Extremes of Age (instructing). University of Pittsburgh School of Medicine, June 19, 2014.
55. Presenter- Pediatric Trauma. Pediatric Emergency Medicine resident's orientation. Children's Hospital of Pittsburgh of UPMC. July 16, 2014.
56. Presenter-Pediatric Trauma. Pediatric Critical Care residents' orientation. Children's Hospital of Pittsburgh of UPMC. July 18, 2014.
57. Speaker, UPMC Trauma Nursing Symposium, Hot Topics in Pediatric Trauma, Cranberry, PA October 3, 2014.
58. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, February, June, August, September, December 2014.
59. Reviewer- Dean's Summer Research Program (DSRP) for medical students, University of Pittsburgh School of Medicine. April 3, 2015.
60. Presenter- Abdominal Trauma and Thoracic Trauma. (2 separate talks) Pediatric Critical Care Management (PCCM) Fellow Education, Children's Hospital of Pittsburgh of UPMC, July 14, 2015.
61. Presenter-Pediatric Trauma. Pediatric Emergency Medicine resident's orientation. Children's Hospital of Pittsburgh of UPMC. July 15, 2015.

62. Pediatric Trauma. ATLS class. Trauma in Extremes of Age (instructing). University of Pittsburgh School of Medicine, July 17, 2015.
63. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, July 31, 2015.
64. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, October 5, 2016.
65. Trauma Nurse Course, "The Golden Hour". Children's Hospital of Pittsburgh of UPMC, May 2, 2016.
66. Pediatric Trauma. ATLS class. Trauma in Extremes of Age (instructing). University of Pittsburgh School of Medicine, June 21, 2016.
67. Presenter-Pediatric Trauma. Pediatric Emergency Medicine resident's orientation. Children's Hospital of Pittsburgh of UPMC. July 6, 2016.
68. Presenter- Abdominal Trauma and Thoracic Trauma. (2 separate talks) Pediatric Critical Care Management (PCCM) Fellow Education, Children's Hospital of Pittsburgh of UPMC, July 19, 2016.
69. Speaker- UPMC Trauma Nursing Symposium, Challenging Pediatric Cases. Cranberry, PA September 30, 2016
70. Speaker-Meadville Medical Center, Challenging Pediatric Cases. Meadville, PA. December 15, 2016.
71. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, February 3, 2017.
72. Instructor- PTLIS course. Head and Spinal Trauma and Thoracic-Abdominal Trauma. Center for Emergency Medicine. Pittsburgh, PA. February 24, 2017.
73. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, March 31, 2017.
74. Trauma Nurse Course, "The Golden Hour". Children's Hospital of Pittsburgh of UPMC, April 17, 2017.
75. Speaker-PittSORCE Expert Lecture Series. Topic: Pediatric Trauma: From a Clinical Research Perspective. Watson Center, Pittsburgh, PA. April 19, 2017.
76. Speaker- UPMC Pre-Hospital Care, EMS Connect-Ed Series. Topic: Interesting Pediatric Cases. UPMC Mercy Hospital, Pittsburgh, PA. May 18, 2017.
77. Presenter Trauma Nurse Course "The Golden Hour" Children's Hospital of Pittsburgh of UPMC, November 14, 2017.
78. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, December 15, 2017.
79. Speaker, Introduction to Trauma at CHP," UPMC Children's Hospital of Pittsburgh, Division of Emergency Medicine, July 12, 2018.
80. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, September 7, 2018.
81. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, November 2, 2018.

82. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, May 31, 2019.
83. Presenter- Congenital Abnormalities MS-3 University of Pittsburgh School of Medicine, Quarterly Lecture Series, Watson Surgical Center, November 22, 2019.
84. Presenter Trauma Nurse Course “The Golden Hour” Children’s Hospital of Pittsburgh of UPMC, March 27, 2020.
85. Presenter-Neonatal Surgical Problems UPMC, CHP NICU Fellowship Nursing Class, Rangos Classroom A, October 1, 2020.
86. Presenter, Trauma Conference, “Whole Blood Update,” UPMC Children’s Hospital of Pittsburgh, May 18, 2021.
87. Presenter, Educational update for nurses, “Pyloric Stenosis,” UPMC Children’s Hospital of Pittsburgh, June 4, 2021.
88. Presenter, Pediatric Core Lecture “Trauma Injuries“, UPMC Children’s Hospital of Pittsburgh, April 14, 2022.
89. General Surgery Grand Rounds, Department of Surgery, University of Pittsburgh School of Medicine. May 31, 2023.

CURRENT RESEARCH INTERESTS

1. Trauma-induced coagulopathy in injured children
2. Whole blood for resuscitation in pediatric trauma
3. Trauma-systems and injured children
4. Evidence-based injury prevention
5. Outcomes-related research in pediatric surgery

VISITING PROFESSORSHIP

1. Invited Speaker, Grand Rounds, Harberg Visiting Professor, Texas Children’s Hospital, “Hot Topics in Pediatric Trauma Resuscitation”, Houston, TX. February 6, 2015.
2. Invited Speaker, Visiting Professor, Grand Rounds, “Hot Topics in Pediatric Trauma Resuscitation”, LeBonheur Children’s Hospital, Memphis TN. June 9-10, 2015.
3. Invited Speaker, Fourth Annual Ronald J. Sharp visiting Professorship in Trauma and Critical Care. “What’s New in Pediatric Trauma”, Children’s Mercy Hospital. Kansas City, MO. November 12, 2015.
4. Invited Speaker, Nuss Visiting Professor, General Surgery Grand Rounds, “Hot Topics in Pediatric Trauma”, Eastern Virginia School of Medicine. Pediatric Grand Rounds, “Putting Ourselves Out of Business... Successes and Challenges of Injury Prevention”, Children’s Hospital of The King’s Daughters. Norfolk, VA. January 7-8, 2016.
5. Invited Speaker, Grand Rounds. Tsvok Trauma Lectureship. “What’s New in Pediatric Trauma” Connecticut Children’s Hospital. Connecticut. April 19, 2016.
6. Invited Grand Rounds Speaker, Visiting Professor, Lehigh Valley Health Network. “What’s New In Pediatric Trauma”. Allenton, PA. June 7, 2016.

7. Invited Grand Rounds Speaker, Visiting Professor, Mayo Clinic, “Spectacular Pediatric Cases” and “Small Patients, Big Problems: Issues in Pediatric Trauma”. Rochester, Minnesota. January 30-31, 2017.
8. Visiting Professor, Cohen Children’s Hospital, Long Island, NY, “Coagulation and Pediatric Trauma,” March 23, 2018.
9. Visiting Professor, Nemours Children’s Hospital, Jacksonville, FL, “Pediatric Trauma: Small Patients...Big Problem, April 11, 2018.
10. Visiting Professor, Department of Surgery, University of Texas, Houston TX, Feb 13-14, 2020.
11. Raffensberger Invited Lecturer, Lurie Children’s Hospital, Chicago, IL. “Coagulopathy and transfusion in injured kids,” April 26, 2021 (virtual).
12. Jewitt Memorial Guest Lectureship, SUNY Buffalo, Departments of Surgery and Pediatrics, October 28, 29, 2021.
13. Visiting Professor, Merrill Davis Lecturer for Grand Rounds, Indiana University Riley’s Children’s Hospital, Indianapolis, IN, November 15-16, 2022.
14. Dale G. Johnson Honorary Lectureship Grand Rounds, Intermountain Primary Children’s Hospital, April 6, 2023, Salt Lake City, Utah.

INVITED CONSULTANT

1. Invited Consultant, American College of Surgeons, Trauma System Consultation-State of Hawaii. January 8-13, 2017.
2. Invited Consultant, American College of Surgeons, Trauma System Consultation—State of Alaska, April 2018.
3. Invited Consultant, American College of Surgeons, Trauma System Consultation (Lead Consultant) Orange County CA, May 2019.
4. Medical Advisory Board, Teleflex, 2021.
5. Invited Consultant, Albany Medical Center Pediatric Trauma Program, February 1, 2022, Albany, NY.

INVITED PARTICIPANT

1. Planning Committee Member and Participant, Childress Summit of the Pediatric Trauma Society. April 22-24, 2013, Winston-Salem, NC.
2. Planning Committee Member, Participant, and President, Pediatric Trauma Society. November 13-14, 2014. Chicago, IL.
3. Invited participant, National Pediatric Readiness Project, Stakeholder Meeting. April 8-10, 2015. Washington, DC.
4. Invited participant, Academic Emergency Medicine Consensus Conference “Diagnostic Imaging in the ED; A research agenda to optimize utilization”. May 12, 2015. San Diego, CA.
5. Planning Committee Member, Participant, Childress Summit II of the Pediatric Trauma Society. May 18-20, 2015. Winston-Salem, NC.
6. Invited participant, National Pediatric Readiness Project, Steering Committee Meeting. February 17, 2016.

7. Invited participant, Childress Institute on Pediatric Trauma, White House Congressional Briefing to launch the Congressional Pediatric Trauma Caucus. May 24, 2016. Washington, DC.
8. Invited participant, EAST Literature Review Traumacast – Pediatric Edition. September 28, 2016.
9. Facilitator and invited participant, 3rd Annual UPMC Children’s Hospital of Pittsburgh Child Abuse Clinical Decision Support Conference, October 21,22, 2020. Pittsburgh, PA.
10. Invited participant, Pediatric Surgery Quality Collaborative—Strategic Planning Retreat. September 10, 2021, Chicago, IL.

PEER REVIEW ACTIVITIES

Pediatrics

Ad Hoc Reviewer

2005-Present

Journal of Trauma

Ad Hoc Reviewer

2005-Present

Surgery

Ad Hoc Reviewer

2007-Present

Journal of Surgical Research

Ad Hoc Reviewer

2007-Present

Journal of Pediatric Surgery

Ad Hoc Reviewer

2008-Present

Victorian (Australian) Neurotrauma Initiative

Grant Reviewer

2007-2010

Childress Institute for Pediatric Trauma, Kaul Pediatric Research Institute Foundation

Grant Reviewer

2013- 2016

Ohio Department of Public Safety, Division of Emergency Medical Services, Emergency, Medical, Fire, and Transportation Services Board

Grant Reviewer

May 2022

UK Medical Research Council

Grant Reviewer

March 2023

HOSPITAL AND UNIVERSITY SERVICE

Children’s Hospital of Pittsburgh, Monitoring Subgroup
Pittsburgh, PA

Member
2001-2002

Children's Hospital of Pittsburgh, Census Committee
Pittsburgh, PA
Member
2001-2002

Children's Hospital of Pittsburgh, ISB NICU & PICU
Pittsburgh, PA
Member
2001-2002

Children's Hospital of Pittsburgh, Procedure Committee
Pittsburgh, PA
Member
2001-2004

Children's Hospital of Pittsburgh, LSU Leadership Committee
Pittsburgh, PA
Member
2001-2007

University of Pittsburgh/ Institutional Children's Hospital of Pittsburgh of UPMC Review Board (IRB),
Human Rights Committee (HRC)
Pittsburgh, PA
Member
2001-2009

Children's Hospital of Pittsburgh, New CHP Design Committee – NICU, Emergency and Rapid Response
Pittsburgh, PA
Member
2003-2005

Children's Hospital of Pittsburgh, Clinical Outcomes, PA Committee
Pittsburgh, PA
Member
2003-2008

Children's Hospital of Pittsburgh, Pain Committee
Pittsburgh, PA
PA Member
2003-2008

University of Pittsburgh, School of Medicine
Pittsburgh, PA
Candidate Interviewer
2004-2006

Children's Hospital of Pittsburgh, Clinical Outcomes Committee
Pittsburgh, PA
Member
2005-2023

Children's Hospital of Pittsburgh, Pandemic Flu Preparedness Taskforce
Pittsburgh, PA
Member
2006-2023

Children's Hospital of Pittsburgh, Peri-Op Executive Steering Committee
Pittsburgh, PA
Member
2007-2023

Children's Hospital of Pittsburgh, Surgical Services Advisory Board
Pittsburgh, PA
Member
2008-2023

University of Pittsburgh School of Medicine, Residency Committee
Pittsburgh, PA
Member
2008-2023

University of Pittsburgh School of Medicine
Pittsburgh, PA
Candidate Interviewer
2009-2023

University of Pittsburgh, University Senate, Budget Policies Committee
Pittsburgh, PA
Pro tem membership
2010-2014

Children's Hospital of Pittsburgh, UPMC Foundation, Medical Staff Campaign
Pittsburgh, PA
Co-Chair
2010-2023

University of Pittsburgh School of Medicine, Clinical Competency Committee, General Surgery
Pittsburgh, PA
Member
2014-2023

UPMC Children's Hospital of Pittsburgh, Professional Staff
Pittsburgh, PA
President-Elect
2017-2019

University of Pittsburgh, Department of Surgery, Committee on Diversity and Inclusion
Pittsburgh, PA
Co-Chair
2018-2019

University of Pittsburgh, Department of Surgery, Pittsburgh Trauma Research Committee (PTRC)
Pittsburgh, PA
Executive Committee
2018-2023

UPMC Children's Hospital of Pittsburgh, Professional Staff, Credentials Chair, MEC
Pittsburgh, PA
President, Chair
2019-2021

***Omitted:* RESEARCH/ACTIVE PROTOCOLS, COMPLETED RESEARCH, FUNDED RESEARCH, & FELLOWS TRAINED**