

CURRICULUM VITAE

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Professor of Surgery and Paediatrics
Queen's University

1. **OFFICE ADDRESS:** Department of Surgery, Queen's University
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2. **EDUCATION:**
1975 – 1977 - Year I and II of Honours B.Sc. Biochemistry, Queen's University, Kingston
1981 – M.D., Queens University, Kingston, Ontario
0000 – M.Sc., Institute of Medical Sciences, University of Toronto:
Thesis Title: Non-invasive Measurement of Energy
Expenditure and Body Composition in the Surgical Neonate
2012 – present, Master's of Health Professions Education, University of Illinois, Chicago

3. **POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:**
1981 – 1982 – Straight Surgical Internship, University of Toronto, Wellesley Hospital
1982 – 1987 – Resident, General Surgery, Gallie Program, University of Toronto
1987 – 1989 – Fellowship, Pediatric General Surgery, Hospital for Sick Children, University of Toronto
1984 – 1986– Research Fellowship, Medical Research Council of Canada Research Award, Hospital for Sick Children, Toronto

4. **FACULTY APPOINTMENTS:**
07/1989 – 12/1989 – Clinical Scholar, Department of Surgery, McMaster University
01/1990 – 12/1992 – Assistant Professor (Term Appointment), Department of Surgery, McMaster University
01/1990 – 12/1992 – Associate (Secondary) Appointment, Department of Pediatrics, McMaster University
01/1993 – 06/1997 – Assistant Professor, Department of Surgery, Division of Pediatric Surgery, Washington University School of Medicine, St Louis, MO
07/1997 – 06/2001 – Assistant Professor, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI
07/2001 – 06/2010 – Associate Professor, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI
07/2010 – 07/2011 - Professor, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI

08/2011 – present - Professor of Surgery and Paediatrics, Department of Surgery, Queen's University, Kingston, Ontario

5. ADMINISTRATIVE/CLINICAL LEADERSHIP POSITIONS:

1990 – 1991 - Co-Director, Pediatric Trauma Program, McMaster University Medical Centre
07/1991 – 12/1992 – Director, Pediatric Trauma Program, McMaster University Medical Center
01/1993 – 06/1997 – Medical Director Trauma Services, St Louis Children's Hospital
07/1997 – 06/2008 - Medical Director, Pediatric Trauma Program, Children's Hospital of Wisconsin
Administrative director for pediatric trauma program including all clinical, educational, research, and performance improvement components for care of injured children
***American College of Surgeons Level 1 Trauma Center Certification May 2001*
10/1998 – 07/2011 Director, Burn Program and Burn Clinic, Children's Hospital of Wisconsin
Established the program and clinic, Coordinator of multidisciplinary clinical program for care of children with burn injury, including administrative oversight of outpatient specialty burn clinic

6. EDUCATIONAL LEADERSHIP: (*does not include Washington University or Canadian positions prior to 1997, further information for years prior to 1997 available on request)

1997 – 2008 - Coordinator Pediatric Trauma Rounds, Children's Hospital of Wisconsin
Multidisciplinary conference, CME
1997 – 2004 - Coordinator Pediatric Mock Trauma, Children's Hospital of Wisconsin
Multidisciplinary conference
2000 – 2001 and 2003 – 2005 – Chair, M3M4 subcommittee, Curriculum Evaluation Committee, Medical College of Wisconsin
2009 – 2011 – Co-chair, M1M2 subcommittee, Curriculum Evaluation Committee
2001 – 2003 – Chair, Curriculum Evaluation Committee, Medical College of Wisconsin
Committee reporting to Faculty Council, Responsible for curriculum development and evaluation, Held this position during LCME review
2001 – 2011 – Co-chair, Educational Core, Injury Research Center, Medical College of Wisconsin
Co-director of the IRC Summer Student Research Program, an approved academic enrichment elective
08/2011 – present – Year Director, Undergraduate Medical Education, School of Medicine, Queen's University, Kingston Ontario
Associate Clerkship Director 08/11-12/12,
Director, Clinical Clerkships 01/12-present one of 4 year directors coordinating the

medical school curriculum, and reporting directly to the Associate Dean of Undergraduate Education

01/2012 – present – Chair, Clerkship Committee, Undergraduate Medical Education, Queen’s University

11/2011 – 10/2014 – Course and Faculty Review Committee, School of Medicine, Queen’s University

Chair 11/2011-10/2013

Director 10/2013-10/2014

Committee responsible for evaluation of the medical school curriculum and faculty teaching, reporting directly to the Curriculum Committee

09/2014 – present – Chair, Education Committee, Canadian Association of Pediatric Surgeons (*appointed*)

07/2017-present – Clinical Lead, Graduate Diploma and Professional Masters, School of Graduate Studies and Postgraduate Medicine, Queen’s University (*appointed*)

7. HOSPITAL APPOINTMENTS: (* does not include appointments prior to 1997 in Canada and St. Louis Missouri, further information for years prior to 1997 available on request)

07/1997 – 03/1999 – Courtesy Staff, Children’s Hospital of Wisconsin, Milwaukee, WI

03/1999 – 03/2000 – Associate Staff, Children’s Hospital, Milwaukee, WI

03/2000 – 07/2011 – Active Staff, Children’s Hospital of Wisconsin, Milwaukee, WI

02/1998 – 07/2011 – Active Staff, Froedtert Memorial Lutheran Hospital, Milwaukee, WI

02/1998 – 07/2011 – Provisional Staff, Sinai Samaritan Medical Center, Milwaukee, WI

03/1998 – 07/2011 – Courtesy Staff, St. Joseph’s Hospital, Milwaukee, WI

06/2000 – 07/2011 – Courtesy Staff, St. Mary’s Hospital, Milwaukee, WI

2005 – 2008 – Courtesy Staff, Waukesha Memorial, Waukesha, WI

08/2011 – present – Active Staff, Kingston General Hospital, Kingston, Ont

08/2011 – present – Active Staff, Hotel Dieu Hospital, Kingston, Ont

8. SPECIALTY CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Fellowship in General Surgery FRCS(C) Royal College of Physicians and Surgeons Of Canada	11/1987	N/A

Certificate of Special Competence in Pediatric General Surgery, Royal College of Physicians and Surgeons and Surgeons of Canada	11/1989	N/A
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<u>Certificates</u>	<u>Issue Date</u>	<u>Expiration</u>
Provider, Advanced Trauma Life Support	1984	

Instructor, Advanced Trauma Life Support	1989: initial;	12/2013: renewed
State Faculty, Advanced Trauma Life Support, MO	1994	
State Faculty, Advanced Trauma Life Support, WI	1997	
Provider, Advanced Burn Life Support	03/1993	
Course Director/Instructor, Pediatric Basic Trauma Life Support	1996	
Instructor, Pediatric Advanced Life Support	01/1997	01/1999

<u>Licensure</u>	<u>Issue Date</u>	<u>Expiration</u>
Ontario – General License #52186	08/1982	Re-issued 06/2011
Missouri – General License #MD 102358	02/1993	01/1998
Wisconsin – Medicine and Surgery #38795		10/2011
Illinois – Physician and Surgeon #036-100403		07/2011

9. MEDICAL SCHOOL AWARDS/HONORS

- 1980 – 1981 - The Edgar Forrester Scholarship for Highest Standing Academic excellence
- 1980 – 1981 – The Dean Fowler Prize, Highest Standing in the final year, *Awarded to the senior medical student with the highest standing*
- 1977 – Ottawa Women’s Club Scholarship, *Top female Queen’s student from Ottawa*
- 1975 – 1977 – Queen’s Honours Matriculation Scholarship, *awarded on the basis of a distinguished Secondary School academic record*

10. AWARDS/HONORS:

RESEARCH

- 06/1986 and 1988 - Davis and Geck Resident Prize, Annual Assembly of General Surgeons Toronto *awarded for best resident research presentation at annual meeting*
- 11/1986 - Resident Paper Competition, first prize, Surgical Section of American Academy of Pediatrics, Washington, DC, *awarded for best resident research presentation at annual national meeting*
- 06/1986 - Graduate Student Award, honourable mention, Canadian Federation of Biological Societies Guelph *national research presentation*
- 05/1986 - Gallie Bateman Resident Research Competition second prize, University of Toronto, Toronto *awarded for resident research in surgical training*
- 09/1983 - Resident Prize, Canadian Association of Pediatric Surgeons, Royal College of Physicians and Surgeons, Calgary, *Awarded for best resident research presentation at annual national meeting*

EDUCATION

- 1986 – 1987 – D.R. Wilson Award for Resident Teaching second place, *awarded by the medical students for the graduating class*
- 12/2009 – Outstanding Medical Student Teacher award, Medical College of Wisconsin, *award first established in 2008, for outstanding medical school teachers*

- 2013 – Nominated for John Provan award for Outstanding Surgical Educator, Canadian Undergraduate Surgical Education Committee
- 2014 – Level 1, Professional Enhancement Recognition Program, Queen’s University Faculty of Health Sciences Office of Faculty Development
- 2014 – Nominated for Canadian Association of Medical Education Certificate of Merit
- 2015 – Level 2, Professional Enhancement Recognition Program, Queen’s University Faculty of Health Sciences Office of Faculty Development
- 2015 – Nominated for John Provan award for Outstanding Surgical Educator, Canadian Undergraduate Surgical Education Committee
- 2017 – Faculty of Health Sciences Education Award for recognition of excellent in teaching, Queen’s University
- 2017 – Awarded, John Provan award for Outstanding Surgical Educator, Canadian Undergraduate Surgical Education Committee

CLINICAL

Best Doctors in America 2011 *Nominated by peers, represents the top 3-5% of specialists*

11. MEMBERSHIP IN PROFESSIONAL AND HONORARY SOCIETIES:

- 1990 – 1992 – Southern Ontario Surgical Society
- 1993 – 1997 – Academy of Science of St. Louis
- 1981 – present - College of Physicians & Surgeons of Ontario
- 1981 – 1992, re-issued 2011 – Canadian Medical Protective Association
- American College of Surgeons:
 - 1986 – 1990 - Candidate Group
 - 1990 – 1992 - Associate Fellow
 - 1990 – present - Pediatric Surgery Biology Club
 - 1993 – 1997 - Missouri Chapter
- 1987 – present – Fellow, Royal College of Physicians & Surgeons (Canada)
- 1989 – Trauma Association of Canada
- 1990 – present – Canadian Medical Association
- 1990 – present - Canadian Association of Pediatric Surgeons
- 1991 – present - Association of Surgical Education
- 1992 -- Association of Women Surgeons
- 1995 – Pediatric Oncology Group
- 1995 – present – Injury Free Coalition for Kids
- 2003 – American Trauma Society
- 2004 - present - American Burn Association
- 2005 – 2016 - American Pediatric Surgical Association
- 2017 – present - Canadian Association of Medical Education
- In process - American Association for the Surgery of Trauma
- In process - American Academy of Pediatrics, Surgical Section

12. INVITED REVIEWS/EDITORIAL BOARDS:

- 1994 – present - Journal of American College of Surgeons
- 1995 - present - Surgery
- 1997 – present - Annals of Emergency Medicine
- 1997 – present - Journal of Pediatric Surgery
- 2007 - present - Journal of Trauma

13. LOCAL/REGIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

- 1990 - 1992 - Central West Ontario Emergency Health Services, Advisory Committee Subcommittee on Trauma
- 1991 – 1992 - Central West Ontario Trauma Council, Ministry of Health
- 01/1993 – 06/1997 - East Regional Trauma Committee, State Advisory Council on Emergency Medical Services, Missouri Department of Health
- 1994 – 1997 – Missouri Chapter American College of Surgeons, Committee on Trauma
- 1998 – State Medical Society of Wisconsin, Injury Control Commission (Council for the Health of the Public)
- 2000 – present – Child Safe Wisconsin, Board of Directors, *Grassroots public group addressing injury prevention issues, Physician Advisor*
- 2000 – 2001 - Trauma Registry Subcommittee, State Trauma Advisory Council, Bureau of Emergency Medical Services, Department of Health, Wisconsin
- 2004 – 2006 - RTAC liaison Southeastern Wisconsin, State Trauma Advisory Council, Bureau of Emergency Medical Services, Department of Health, Wisconsin
- 2000 – 2008 - Emergency Medical Services for Children, Wisconsin Advisory Board, Bureau of Emergency Medical Services, Department of Health, Wisconsin
- 11/2000 - Bureau of Health Care Information, Emergency Medical Services database Advisory Committee, Member of technical advisory panel, Department of Health, Wisconsin
- 2004 –2006 - Chair Executive Council, Southeastern Wisconsin Regional Trauma Advisory Council
- 2002 – 2006 - Chair, Medical Oversight Subcommittee, Southeastern Wisconsin Regional Trauma Advisory Council

14. NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS

- 1990 – 1992 - Canadian Association of Medical Education, Member: Education Committee
- 1991 – 1992 - Canadian Undergraduate Surgical Education Committee (*appointed*)
- 03/1999 - American College of Surgeons Committee on Trauma, Consensus Conference on Trauma Outcomes and, Evidence-Based Medicine
- 2005 – 2008 - American Paediatric Surgical Association Trauma Committee (*appointed*)

2009 – 2011 - Injury Free Coalition for Kids: Advisory Board (*elected*)
2009 – 2012 – Curriculum Committee, Association of Surgical Education (*appointed*)
2012 – present – Association of Faculties of Medicine of Canada (AFMC) Clerkship Directors Interest Group, Steering Committee
2013 – present – AFMC Clerkship Directors liaison to Electives Interest Group (*appointed*)
2013-present – Chair, Education Committee, Canadian Association of Pediatric Surgeons (*appointed*)
2014 – present – Region 3 representative, Royal College of Physicians and Surgeons of Canada Pediatric Surgery Specialty committee (*appointed*)

15. RESEARCH GRANTS/AWARDS/CONTRACT/PROJECTS:

Title:	Resource Optimization in Proficiency-Based Suturing Skills Training Queens University School of Medicine SSTEP program
Source:	SAGES Summer Student Research
Role:	co-Investigator/faculty supervisor (student Madeline Lemke)
Dates:	2018
Direct Funds:	\$2000
Title:	Sampling Patient Experience for Assessment of Communication Skills Queens University School of Medicine
Source:	Alma Mater Special Projects Grant; OMSA/AMS Compassionate Care Grant; Arnold Gold Foundation Student Research Fellowship
Role:	Faculty supervisor: co-Investigator (student Sachin Pasricha, Adam Mosa)
Dates:	2016, 2017
Direct Funds:	\$11,790
Title:	Surgical Procedure Feedback Rubric Queens University School of Medicine
Source:	Special Purpose Grant, Postgraduate Medicine
Role:	Co-investigator, Master of Education Supervisory Committee (Ayca Toprak)
Dates:	2013 to 2015
Direct Funds:	\$10,000

Peer Reviewed (Past)

Title:	“Injury Research Center Program Grant” Medical College of Wisconsin
Source:	Centers for Disease Control

Role: Executive Committee, Core Faculty (administrative)
Co-investigator, Core Research Project (research)
Co-Director, Educational Core

Dates: 2001 – 2006, extension 2007, renewed 2008-2011

Direct Funds: approx \$900,000 per year

Title: Development of a Study of EMS Findings Predictive of
Pediatric Trauma Center Need

Source: Injury Research Center at MCW

Role: co-Investigator

Dates: November 2008-2010

Direct Funds: \$99,787

Title: “Study of EMS Findings Predictive of Pediatric Trauma Center
Need”

Source: Centers for Disease Control (CDC) #1 R01CE001835-01

Role: Co-Investigator

Dates: 2010-2012

Total Funds: \$599,994

Direct Funds: \$510,505

Title: “Nutrition Research in Children Using Stable
Isotopic Tracers and Mass Spectrometry”

Source: JP Bickell Foundation Grant

Role: Co-Investigator

Dates: 1990

Direct Funds: \$18,325

Title: “Infant formula nutrition studies”

Source: Wyeth-Ayerst International Ltd, Pennsylvania

Role: Co-Investigator

Dates: 1990

Direct Funds: \$35,000

Title: “Infant formula nutrition studies”

Source: HJ Heinz Company Ltd, Toronto

Role: Principal Investigator

Dates: 1990

Amount: \$3000

Title: “Nutrition Intervention and Long-term Follow-up
In Infants with Bronchopulmonary Dysplasia” pilot study

Source: McGregor Clinic, Hamilton Foundation

Role: Principal Investigator

Dates: 1991
Direct Funds: \$2000

Title: "Nutrition Intervention and Long-term Follow-up
In Infants with Bronchopulmonary Dysplasia"
Source: Ontario Ministry of Health
Role: Co-investigator
Dates: 1991 – 1994
Direct Funds: \$117,134

Title: "The Effect of Dietary Energy Supplementation on
Nutritional Status, Skeletal and Lung Muscle Function
In Cystic Fibrosis"
Source: Canadian Cystic Fibrosis Foundation
Role: Co-investigator
Dates: 1992
Direct Funds: \$14,190

Title: "The Effectiveness of a Community Based
Injury Prevention Program on the Incidence of
Pediatric Injury in a High Risk Population"
Source: Robert Wood Johnson
Role: Co-Principal Investigator
Dates: 1996 – 1998
Direct Funds: \$40,000

Title: "Tube Tools: Rapid Sequence Induction for Tracheal
Intubation of Pediatric Airway and Related Emergency Airway
Management Techniques: An Interactive CD-ROM Educational
Resource for Healthcare Professionals"
Source: Emergency Medical Services for Children
Maternal and Child Health Division
Federal Department of Health and Human Services
Role: Panellist to develop national education tool
Dates: 2000 – 2002
Direct Funds: \$300,000

Title: "Partnership for Development and Dissemination of Outcomes
Measures for Injured Children"
Emergency Medical Services for Children
Partnership for Information and Communication Cooperation
Agreement CFDA #93.110G
Source: Maternal and Child Health Division
Federal Department of Health and Human Services

Role: Co-investigator
Dates: 1999 – 2004, extended 2005
Direct Funds: \$1,000,000

Title: “Quality of Life after Trauma”
Children’s Hospital of Wisconsin and Injury Research Center
Source: Children’s Hospital of Wisconsin Foundation
Role: Co-Investigator
Dates: 2002-2004
Direct Funds: \$44,000

Title: “Injury Free Coalition for Kids: Dissemination of a Model Injury
Prevention Program for Children and Adolescents”
Source: Robert Wood Johnson Foundation
Role: Co-Principal Investigator
Date: 2003-2006
Direct Funds: \$154,598

Title: “Safety Starts at Home”
Source: Healthier Wisconsin Partnership Program
Role: Principal Investigator
Date: 2006-2007
Direct Funds: \$34,000

Other

Title: Studies in Nutrition
Source: McMaster University, Department of Surgery
Role: Principal Investigator
Dates: 1989 – 1992
Direct Funds: \$8000

Title: “Start up funds”
Source: Dean of Research, McMaster University
Role: Principal Investigator
Dates: 1989 – 1992
Direct Funds: \$32,000

Peer Review (submitted)

Title: Medical Students as Teachers: An Evaluation of a Novel Educational
Approach to the Development of Teaching Skills in Clerkship
Source: SEAMO Educational Innovation Fund
Role: co-Investigator
Dates: reviewed, unsuccessful

Direct Funds: \$14,000

Title: The Use of Cadaveric Models for Simulation-Based Procedural Skills Training in Undergraduate Medical Education: A Proof of Principle Study

Source: SEAMO Educational Innovation Fund

Role: Principle Investigator

Dates: reviewed, unsuccessful

Direct Funds: \$14,650

Non-Peer Reviewed:

Title: Needs Assessment for Integrated of EPA's in Clinical Clerkship

Source: Division of General Surgery Research Fund

Role: Principal Investigator

Dates: May-Aug 2017

Direct Funds: \$5000

16. INVITED LECTURES/WORKSHOPS/SITE VISITS:

National

Nutritional Support of the Trauma Patient; *and* Effect of Growth, Stress and Sepsis on Energy Expenditure, Nutritional Support of the Child Symposium, Children's Hospital of Philadelphia, (10/1987) *research, visiting professor*

Problem-based Learning: Is it the Panacea?, Canadian Undergraduate Surgical Education Coordinator's Meeting, Lake Louise, Alberta, (11/1991) *education*

Problem-Based Learning, University of Calgary Surgical Grand Rounds, Calgary, Alberta, (03/1992) *education, visiting professor*

Pediatric abdominal trauma, National Travelling Surgeon's Club, Washington University School of Medicine, St. Louis, (05/1996) *national group of general surgeons*

Cooperative Care in the Management of the Pediatric Trauma Patient, Pediatric Critical Care Colloquium, Chicago, Illinois, (09/1998) *invited panel member*

"Once They Go Home" Panel Rescue, Relief, Rehabilitation, Kiwanis Pediatric Trauma Symposium, Puerto Rico, (05/2009). *Invited speaker and panel member.*

Acute Injury Systems of Care Experience: Introducing Students to the Continuum of Trauma Care, Canadian Undergraduate Surgical Education Committee national meeting, Edmonton, Alberta (11/2011).

Status of Education for Pediatricians, Family Physicians, and General Surgeons. Canadian Association of Pediatric Surgeons. Winter CAPS. Toronto, Ontario February 2013

Global Pediatric Surgery, Education Session for the Canadian Association of Pediatric Surgeons meeting, Niagara Falls, Ontario. September 2015 (*coordinator*)

Difficult Cases, Education Session for the Canadian Association of Pediatric Surgeons meeting, Vancouver, BC Sept 2016 (*coordinator*)

Difficult Cases, Education Session for the Canadian Association of Pediatric Surgeons meeting, Banff, Alta Oct 2017 (*coordinator*)

Difficult Cases, Education Session for the Canadian Association of Pediatric Surgeons meeting, Toronto, Ont Sept 2018 (*coordinator*)

Panel member/presenter: State of Pediatric Surgeon Wellness, Education Session for the Canadian Association of Pediatric Surgeons meeting, Toronto, Ont Sept 2018

Regional

ABC's of Pediatric Trauma, Pediatric Update, Hamilton Convention Center, (09/1989)
CME conference for community pediatricians

Pediatric Trauma, Advanced Trauma Life Support Course, Niagara Falls, Ontario, (12/1989)
CME conference for regional physicians

ABC's of Pediatric Trauma, Pediatric Update, Hamilton Convention Center, (01/1990)
CME conference for community pediatricians

Initial Management of Pediatric Abdominal Trauma, Department of Surgery Meeting, St. Joseph's Hospital, Guelph, Ontario, (05/1990) *CME visiting professor*

Initial Management of Pediatric Blunt Abdominal Trauma, Southern Ontario Surgical Society, Niagara-on-the-Lake, Ontario, (05/1990) *CME conference for regional surgeons*

Key Speaker on Theme: Pediatric Trauma, Hamilton Ambulance Service Conference on Pediatrics, Chedoke-McMaster Hospital, (05/1990) *conference for regional EMS*

Thoraco-abdominal injuries in children, Pediatric Emergencies, Sheraton Hotel, Hamilton, Ontario, (06/1990) *CME for pediatric health care professionals*

Central West Regional Trauma Network Workshop, Holiday Inn, Hamilton, (01/1991)
government sponsored workshop

The Pediatric Trauma Program at McMaster, District Health Council Meeting, Fergus, Ontario, (01/1991)

Stabilization and Transport, Pediatric Trauma in Central West, Kitchener, Waterloo, Department of Emergency Medicine, (04/1991) *CME visiting professor*

ABC's of Pediatric Trauma, Department of Pediatrics and Emergency, Credit Valley Hospital, Mississauga, Ontario, (05/1991) *CME visiting professor*

Abdominal Pain in Children: When to Call the Surgeon, Etobicoke General Hospital Clinic Day, Toronto, Ontario, (05/1991) *CME visiting professor*

Evaluation and Stabilization of the Pediatric Trauma: Relevant aspects of Regional Cooperation and Communications, Hamilton Convention Center, (06/1991) *CME conference for pediatric health care professionals*

Gastrointestinal bleeding in children, Pediatric Update, Niagara-on-the-Lake, (09/1991)
Provincial CME conference for pediatricians

Head Injuries in the Pediatric Population, Council on Road Trauma Bicycle Helmet Workshop, Hamilton, Ontario, (03/1992)

Foreign Bodies, Pediatric Update, Hamilton Sheraton Center, (04/1992) *Provincial CME conference for pediatricians*

Trauma and Shock in the Pediatric Patient. West Haldimand General Hospital, Grimsby, Ontario, (12/1992) *CME visiting professor*

Initial Evaluation and Management of Pediatric Trauma. Prehospital Continuing Education Program, St. Louis Children's Hospital, (1993 – 1996) *training conference for regional EMS*

Topic: Pediatric Gastrointestinal Surgical Emergencies in: Evaluation of Gastrointestinal Bleeding, and Topic: Blunt Abdominal Trauma: Splenic Injury in Children, Washington University Gastrointestinal Surgery Refresher Course & Update, The Ritz-Carlton Hotel, St. Louis, (03/1993) *CME for MidWest surgeons*

Pediatric Trauma: Children are not little adults, Physicians' Pediatric Outreach Program, Effingham, Illinois, (11/1993) *CME visiting professor*

Pediatric Thoracoabdominal Trauma, Christian Northeast Hospital, St. Louis, (05/1994)
CME visiting professor

Bicycle helmets, Kiwanis Club, Washington, Missouri, (03/1995)

ABC's of pediatric trauma, Barnes Trends in Trauma Symposium, St. Louis, (02/1996)
CME regional trauma conference

Handgun Safety: A Public Health Perspective. Handgun Safety Symposium, Public Policy Forum, University of Wisconsin – Milwaukee, Milwaukee, (01/1998).

Case Studies in Pediatric Trauma, Flight for Life Annual Conference, Gurnee, Illinois, (03/1998) and Milwaukee, WI (04/1998) ***regional EMS conference***

Pediatric Burn Injury, Annual Pediatric Focus, Children's Hospital of Wisconsin, (06/1998) ***CME conference for MidWest pediatricians***

ABC's of Pediatric Trauma, Pediatric Grand Rounds, St. Luke's Hospital, Racine, WI (08/1998)
CME visiting professor

Pediatric Gastrointestinal Surgical Emergencies, Annual Regional Radiology Conference, Children's Hospital of Wisconsin, (10/1998) ***allied health regional radiology***

Clues to Diagnosing the Acute Abdomen, Annual Starkey Davis Conference, Children's Hospital of Wisconsin, (11/1998) ***CME regional pediatricians***

Pediatric Issues and Community Coalitions for Injury Prevention, Conference Understanding State-of-the-Art Treatment and Prevention of Firearm Injuries, Firearm Injury Center and Medical College of Wisconsin, (12/1998)

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Pediatric Emphasis: ABC's of Pediatric Trauma, Children's Hospital of Wisconsin, (06/1999)
multidisciplinary conference for MidWest pediatric health care professionals

Pediatric Burns: Cutting Edge of Pediatric Surgery, Children's Hospital of Wisconsin, (09/1999) ***CME conference for community pediatricians***

ABC's of Pediatric Trauma: 14th Annual "Working Together in EMS" conference, Wisconsin EMS Association, Milwaukee, WI (01/2000) ***annual State conference***

Pediatric Firearm Injuries: Annual Meeting Wisconsin Chapter American Academy of Pediatrics, Wisconsin Dells, WI (04/2000) ***CME annual State conference***

Pediatric ThoracoAbdominal Trauma, Trauma Symposium, Mercy Hospital, DesMoines, Iowa (05/2000) **CME visiting professor**

Pediatric Trauma: Care in Wisconsin, Emergency Medical Services for Children Annual conference, Appleton, Wisconsin, (10/2000) **annual State conference**

Children's Hospital of Wisconsin Trauma Experience, and Non-Intentional Injuries and Xrays, Current Concepts in Pediatric Radiology and Trauma, Children's Hospital of Wisconsin, (11/2000) **regional allied health**

Inguinoscrotal Conditions, Grand Rounds, Provena Saint Therese Medical Center, Waukegan, IL, (11/2001) **CME conference visiting professor**

Acute Stabilization of Pediatric Trauma, Pediatric Grand Rounds, St. Luke's Hospital, Racine, WI, (12/2001) **CME visiting professor**

Pediatric Trauma Assessment, Annual Trauma Symposium, Theda Clark Trauma Center, Appleton, WI (05/2002) **CME visiting professor**

Minor Burns in Children, Pediatric Grand Rounds, Children's Hospital of Fox Valley, Appleton, WI (07/2002) **CME visiting professor**

Outpatient and Long term Outcomes in Burns, Regional Children's Hospital of Wisconsin Burn Conference, Children's Hospital of Wisconsin, Milwaukee, WI (10/2002)

Pediatric Burn Injury, Grand Rounds, Children's Hospital of Kenosha, Kenosha, WI (01/2003) **CME visiting professor**

Pediatric Burns and the Rural Trauma Response, Wisconsin Emergency Medical Services for Children Annual Conference, Wisconsin Dells, WI (10/2003) **CME visiting professor**

Pediatric Burns, American Trauma Society Wisconsin Division Annual Seminar, Wausau, WI (11/2003)

ABC's of Pediatric Trauma, Wisconsin Chapter American College of Emergency Physicians Annual Conference, (11/2003) **CME**

ABC's of Pediatric Trauma: Children are Not Little Adults, Pediatric Grand Rounds, Condell Medical Center, Liberville, Illinois, (06/2004) **CME**

Pediatric Airway Management: From the Field to the ER. Theda Clark Regional Trauma Conference, Appleton, Wisconsin, (05/2004). **CME**

Update on Pediatric Burn Care: Pediatric Grand Rounds, Children's Hospital of Fox Valley, Appleton, WI (12/2005) *CME visiting professor*

Wisconsin Trauma Care Systems and Hospital Certification, teleconference for Southeastern Regional Trauma Advisory Council, Milwaukee WI (11/2006)

State Trauma System in Wisconsin: Grand Rounds, Watertown Memorial Hospital, Watertown WI (09/2007) *CME*

Pediatric Burns: Updates in Trauma Symposium, Theda Clark Trauma Services, Neenah, WI (05/2008) *Regional CME*

Pediatric Burn Care in the Outpatient Setting: Best Practices in Pediatrics Fall 2008 conference, Children's Hospital and Health System, Northbrook, Illinois (09/2008) *Regional CME*

Wisconsin State Department of Health Trauma System, Trauma Center Verification Site Reviewer 2007, 2008 *site review for State Trauma System development*

Pediatric Chest and Abdominal Trauma: Milwaukee County Paramedics Annual EMS conference, Milwaukee, WI (05/2009). *EMS*

Hernias, Hydroceles, and Undescended Testes: If, When and How to Fix Them. Regional Continuing Professional Development Program, Queen's University Faculty of Health Sciences. October 2015 *Regional CME*

How to Give Learner Feedback, Workshop for Community Preceptors, Lakeridge Health Center, Oshawa, Ontario (Jan 2016) *Regional Faculty Development*

How to Give Learner Feedback, Workshop for Community Preceptors, Belleville General Hospital, Belleville, Ontario (May 2016) *Regional Faculty Development*

Local

Queen's Pediatrics And Surgery Interest Group, School of Medicine, Queen's University (presentation to Pre-Clerkship students, Yearly, 2012-present)

Women in Medicine panel, School of Medicine, Queen's University, 2012-present

Developing Behavioural Anchors for Assessment of the Non-Medical Expert Competencies: A Speed Dating Workshop. Course Directors Retreat, Undergraduate Medical Education Faculty Development Workshop. Queen's University. Kingston, Ontario. January 2013

Our Dynamic Curriculum: Is it Healthy? Health Sciences Education Journal Club. Office of Health Sciences Education, Queen's University. December 2013.

Giving Narrative Feedback: Workshop, Curricular Leaders Retreat, Undergraduate Medical Education, Queen's University, June 2015

Developing a Clerkship Scope of Practice: Workshop, Curricular Leaders Retreat, Undergraduate Medical Education, Queen's University, November 2015.

Making EPA's work for you in Clerkship: Workshop, Undergraduate Medical Education retreat, Queen's University, December 2016

Panel presentation, WISE Women in Science and Medicine, Queen's University, February 2018

17. PEER REVIEWED PRESENTATIONS: (*resident or student ** senior author)

International

Winthrop AL, Filler RM and Heim T: Energy metabolism and macronutrient balance in the surgical infant. Sixth Annual Pediatric Surgical Residents' Conference, Cincinnati, (11/1985)

Winthrop AL, Jones PJH, Schoeller DA et al: Doubly labelled water method: A new, simple technique for measuring energy expenditure in infants. American College of Surgeons, New Orleans, (10/1986)

Winthrop AL, Wesson DE, Pencharz PB et al: Injury severity, whole body protein turnover, and energy expenditure in pediatric trauma. Surgical Section of American Academy of Pediatrics, Washington, DC, (11/1986)

Winthrop AL, Jones PJH, Schoeller DA et al: Changes in the body composition of the surgical infant in the early postoperative period. Surgical Section of American Academy of Pediatrics, Washington, DC, (11/1986)

Winthrop AL, Filler RM, and Heim T: Analysis of energy and macronutrient balance in the postoperative infant. Surgical Section of American Academy of Pediatrics, San Francisco, California, (10/1988)

Winthrop AL, Waddell T, Superina RA: Diagnosis of pneumonia in the immunocompromised child: Use of bronchoalveolar lavage. Surgical Section of the American Academy of Pediatrics, Chicago, Illinois, (10/1989)

****Winthrop AL**, Langer JC, Venturelli J et al: An alternative model for Pediatric Trauma care in a regional center with a moderate volume. American Association for the Surgery of Trauma, Philadelphia, PA, (09/1991)

*Huenchullen C, Somers S, ****Winthrop AL** et al: Clinical and radiological correlation of Pediatric

Trauma Score and Head CT. American Association for the Surgery of Trauma, Philadelphia, PA, (09/1991)

Langer JC, **Winthrop AL** and Issenman RM: The N=1 randomized trial: A useful tool for assessing therapeutic efficacy in clinical practice. American Pediatric Surgical Association, Colorado Springs, Colorado, (05/1992)

*Brunton JA, Bertolo RFP, **Winthrop AL** et al: Body composition analysis by dual energy x-ray absorptiometry (DEXA) compared to chemical analysis of fat, lean and bone mass in small piglets. International Symposium on InVivo Body Composition Studies, Houston, Texas, (11/1992)

*Habra G, Malone DE, **Winthrop AL** et al: Hirschsprung's Disease: The barium enema revisited. Radiologic Society of North America, Chicago, Illinois, (11/1993)

Langer JC, Fitzgerald PG, **Winthrop AL** et al: One vs two stage Soave pullthrough for Hirschsprung's disease in the first year of life. American Pediatric Surgical Association, Boca Raton, Florida, (05/1995)

*Arvin KL, Langer JC, ****Winthrop AL**: Radical wedge excision for the management of chronic ingrown toenails in children and adolescents. Southwestern Surgical Congress, Arizona, (04/1996)

*Brunton JA, Saigal S, **Winthrop AL** et al: Body composition by doubly labelled water (DLW) and dual energy xray absorptiometry (DXA) in tiny premature infants. Federation of American Sciences and Experimental Biology, Washington DC, (04/1996)

*Brunton JA, Atkinson SA, **Winthrop AL** et al: Measures of energy intake and expenditure by doubly labelled water in infants recovering from bronchopulmonary dysplasia up to 3 months corrected age. Society for Pediatric Research, Washington DC, (05/1996)

*Mazziotti MV and ****Winthrop AL**: Pediatric firearm mortality in a major United States city: The epidemic of the 1990's. American Pediatric Surgical Association, Naples, FL (05/1997)

Langer JC, Minkes RK, Mazziotti MV, Skinner MA, **Winthrop AL**: Transanal One-Stage Soave Procedure for Infants with Hirschsprung's Disease. American Pediatric Surgery Association, Hilton Head, South Carolina, (05/1998)

Quayle K, Lerner D, and **Winthrop AL**: Analysis of Trends in Pediatric Trauma Transports. 2000 National Congress of Childhood Emergencies, Baltimore, Maryland, (03/2000)

****Winthrop AL**, Krishnan A, Stylianos S et al: The Spectrum of Pediatric Pelvic Fractures: A Multi-Center Study from the APSA Office of Outcomes and Clinical Trials. American Academy of Pediatrics: Surgical Section, San Francisco, (10/2001)

****Winthrop AL**, Nunchuck S, Goers T, Stylianos S, Oldham KT: Variability in Clinical Management

of Pancreatic Injuries in Children: Need for Outcomes Research and Clinical Guidelines. British Association of Pediatric Surgeons, Cambridge, England, (07/2002)

****Winthrop AL**, Brasel KJ, Stahovic L, Paulson J, et al: Quality of Life and Functional Outcome after Pediatric Trauma. American Association for the Surgery of Trauma, Maui, Hawaii, (09/2004)

**** Winthrop AL**, Weinstein C, Paulson J, Stahovic L, et al: Evaluation of Functional Outcome and Quality of Life One Year After Pediatric Trauma . American Association for the Surgery of Trauma, Atlanta, Georgia, (09/2005)

*Paulson J, ****Winthrop AL**, Stahovic L et al: Impact of Femur Fractures on Quality of Life and Functional Outcome in Pediatric Trauma. American Academy of Pediatrics, Orthopedic Section, Washington, DC, (10/2005).

*Thompson, R, **Winthrop AL**, and Melzer-Lange, M: Epidemiology of Pediatric Falls. American Academy of Pediatrics, Injury Prevention Section, Atlanta, GA, (10/2006)

*Joyal, J, ****Winthrop AL**, Brixey S and Guse C: Pediatric Motor Vehicle Occupant Injury and Child Restraint System Use in an Urban County. American Academy of Pediatrics, Injury Prevention Section, San Francisco, (10/2007)

*Wang Q, ****Winthrop AL**, and Melzer-Lange M: Profile of Burn Injuries in Urban Children 5 Years and Younger. American Academy of Pediatrics, Injury Prevention Section, San Francisco, (10/2007)

*Miller A, ****Winthrop AL** and Kim, M: Analgesia During Trauma Resuscitation in Children. American Academy of Pediatrics, Emergency Medicine Section, Boston, Mass. (10/2008)

****Winthrop AL**, Post S, Clementi B, Melzer-Lange M: Evaluation of Pediatric Pedestrian and Bike Injuries: Risk Factors in an Urban Population. Injury Free Coalition for Kids Annual Conference, Ft. Lauderdale, Fla. (12/2008)

****Winthrop AL**, Andresen E, Liska D, Melzer-Lange M: A Multi-Faceted Teen Driving prevention Program in Wisconsin: Education, Research and the Community. Injury Free Coalition for Kids Annual Conference, Ft. Lauderdale, Fla. (12/2008)

*Whitehouse JS, Gourlay DM, **Winthrop AL** et al: Is It Safe to Discharge Intussusception Patients after Successful Hydrostatic Reduction. American Academy of Pediatrics, Surgical Section, Washington DC. (10/2009)

Crandall M, Haider A, Brasel K, **Winthrop AL**, et al: Does Race or Insurance Status Impact Patient Satisfaction Among Hospitalized Trauma Patients. Eastern Association for the Surgery of Trauma.

Phoenix, Arizona, (01/2010).

*Balachandran A, Brixey S, and ****Winthrop AL**: Impact of the Booster Seat Law in Wisconsin: American Academy of Pediatrics Injury Prevention Section San Fran (10/ 2010)

Simpson D, Bragg D, Marcdante K, **Winthrop AL** et al: Using Stakeholder Perspectives to Identify Evaluation Outcomes. Innovations in Medical Education, Central Group on Educational Affairs, AAMC Spring Conference March 2011.

*Geers, M, Drendel A, and ****Winthrop AL**: Improving the Assessment and Treatment of Pain in Pediatric Trauma Patients. American Academy of Pediatrics Emergency Medicine Section Boston (10/2011).

****Winthrop AL**. Identifying Tools for Assessment of CanMEDS Roles in the Clinical Clerkship in an Interprofessional Setting: Results of a “Speed-Dating” Faculty Development Workshop. 15th Annual MHPE Summer Conference, University of Illinois, Chicago. (07/2014)

****Winthrop AL**. Incorporating a Student Learning Plan in to the Approval and Performance of Student-Directed Electives. Workshop presentation, 17th Annual MHPE Summer Conference, University of Illinois, Chicago (07/2016).

National

Winthrop AL and Wesson DE: Urokinase in the treatment of occluded central venous catheters in children. Canadian Association of Pediatric Surgeons, Calgary, (09/1983)

Winthrop AL and Magissano R: Renal preservation during thoracoabdominal aneurysm repair. Annual Assembly of General Surgeons and Residents, University of Toronto, (06/1985)

Winthrop AL, Wesson DE, Filler RM: Traumatic duodenal hematoma in the pediatric patient. Canadian Association of Pediatric Surgeons, Vancouver, (09/1985)

Winthrop AL, Jones PJH, Schoeller DA et al: Doubly labelled water method for measurement of energy expenditure in postsurgical infants. Clinical Research Society of Toronto, Toronto, (04/1986)

Winthrop AL: Doubly labelled water method: A new, simple technique for measuring energy expenditure in infants. Gallie Bateman Resident Research Competition, Toronto, (05/1986)

Winthrop AL, Jones PJH, Filler RM et al: Analysis of energy and macronutrient balance in the postoperative infant. Canadian Federation of Biological Societies, Guelph, (06/1986)

Winthrop AL, Wesson DE Pencharz PB et al: Injury severity, whole body protein turnover, and energy expenditure in pediatric trauma. Annual Assembly of General Surgeons & Residents, University of Toronto, (06/1986)

Winthrop AL, Filler RM and Heim T: Analysis of energy and macronutrient balance in the postoperative infant. Annual Assembly of General Surgeons and Residents, University of Toronto, (06/1988)

Langer JC, **Winthrop AL**, Wesson DE et al: Diagnosis and incidence of cardiac injury in children with thoracic trauma.. Canadian Association of Pediatric Surgeons, Ottawa, Ontario, (09/1988)

Langer JC, **Winthrop AL**, Burrows RF et al: False diagnosis of intestinal obstruction in a fetus with congenital chloride diarrhea. Canadian Association of Pediatric Surgeons, St. John's, Newfoundland, (08/1990)

*Baguley P, Fitzgerald PF, **Winthrop AL** et al: Incarcerated inguinal hernias in infants: Is hospital admission necessary? Canadian Association of Pediatric Surgeons, St. John's, Newfoundland, (08/1990)

*Lamont N, **Winthrop AL**, Cole FM et al: Heterotopic gastric mucosa in the gallbladder: A cause of chronic abdominal pain in a child. Canadian Association of Pediatric Surgery, St. John's, Newfoundland, (08/1990)

*Brunton J, Atkinson S, **Winthrop AL**, Saigal S: Growth in relation to protein and energy intake in infants with bronchopulmonary dysplasia (BPD). University of Toronto, Guelph and McMaster Graduate Student Day, Toronto, Ontario, Spring 1991

Langer JC, **Winthrop AL**, Whelan D: Fryns Syndrome: A rare familial cause of congenital diaphragmatic hernia. Canadian Association of Pediatric Surgeons, Victoria, B.C., September 1993

*Brunton JA, **Winthrop AL**, Saigal S et al: Enhanced lean mass accretion with similar energy expenditure in premature infants fed protein enriched vs standard formula to 3 months corrected age. Canadian Federation of Biological Societies, London, Ontario, (06/1996)

*Mazziotti MV, Marley EF, **Winthrop AL** et al: Histopathological analysis of interval appendectomy specimens: Support for the role of interval appendectomy. Canadian Association of Pediatric Surgeons, Halifax Nova Scotia, (08/1996)

Winthrop AL and Langer JC: Delayed Complications in blunt "split liver" injury initially managed non-operatively. Canadian Association of Pediatric Surgeons, Banff, Alberta (10/1997)

Winthrop AL, Langer JC, Hicks M, and Don S: Video-Assisted Thoracoscopic Resection of Pulmonary Nodules: Preoperative Localization with India Ink. Canadian Association of Pediatric Surgeons, Banff, Alberta, (10/1997)

*Hackam DJ, Mazziotti MV, Pearl RH, **Winthrop AL** et al: Mechanisms of Pediatric Trauma Deaths in Canada and the United States: Role of Firearms. Canadian Association of Pediatric Surgeons,

Quebec, Quebec. (09/2000)

*Note: presentations between 2000-2011 were primarily outside of Canada, listed under international.

*Toprak A, McEwen L, **Winthrop AL**: Assessing Surgical Resident Performance in the Operating Room: Surgical Procedure Feedback Rubric. International Conference on Residency Education. Calgary, Alberta (09/2013)

*Simpson J, Jones C, ****Winthrop AL** et al: Patient Evaluation of Clinical Interactions with Medical Students. Canadian Undergraduate Surgical Education Conference. Ottawa, Ontario (11/2013).

****Winthrop AL**, Wilson R, Pinchin S and Suart T: Identifying Tools for Assessment of CanMEDS Roles in the Clinical Clerkship: Results of a “Speed-Dating” Faculty Development Workshop. The Ottawa Conference on the Assessment of Competence in Medicine, Ottawa, Ontario (04/2014)

****Winthrop AL**, Wilson R, Pinchin S and Suart T: Integrating CanMEDS in the Clinical Clerkship: Use of “Speed-Dating” to Build Connections Through an Interactive Faculty Development Workshop. Canadian Conference on Medical Education, Ottawa Ontario (04/2014)

*Simpson J, Jones C, ****Winthrop AL** et al: Patient Evaluation of Clinical Interactions with Medical Students. The Ottawa Conference on the Assessment of Competence in Medicine, Ottawa, Ontario (04/2014)

*Toprak A, Jones, S, **Winthrop, A**, McEwen, L. “The Surgical Procedure Feedback Rubric for assessing resident performance in the operating room: Interim Results of a validity Study.” Facilitated Poster Session at Canadian General Surgery Forum. Vancouver, BC. September 17, 2014.

*Toprak A, Jones, S, **Winthrop, A**, McEwen, L. “The Surgical Procedure Feedback Rubric for assessing resident performance in the operating room: Interim Results of a validity Study.” Facilitated Poster Session at 2014 CSCI-CITAC Annual Scientific Meeting. Toronto, ON. November 25, 2014.

*Purdy, E., Johnson, H., Leung, M., Chen, A., Kwan., J., Jones, C., Connelly, B., & **Winthrop A.** (2015). Just a Clerk Blog: a successful failed learning experiment. Canadian Conference on Medical Education, April 2015. Vancouver, Canada.

*Toprak, A., Luhanga, U., Jones, S., **Winthrop, AL.**, McEwen, L. Improving teaching and learning in the operating room: does the surgical procedure feedback rubric support learning? Canadian General Surgery Forum, Quebec City, September, 2015.

*Savage, T., Wang J., Vo, P., Ko, G, Kolar M, ****Winthrop A**, and Mann S. SSTEP-ing Into Clerkship: A Weeklong Technical Skills Elective Program Decreases Anxiety, Increases Confidence, Knowledge,

and Performance in 2nd Year Medical Students Transitioning Into Clerkship. Canadian Undergraduate Surgical Education Committee conference, Ottawa, November 2015.

*Mosa A., Jones C, Joneja M, and ****Winthrop AL**. Sampling Patient Experience to Assess Communication: A Systematic Literature Review of Patient Feedback in Undergraduate Medical Education. Canadian Conference on Medical Education. April 2016. Montreal, Quebec.

****Winthrop AL**, Pinchin S, Katsoulas E, and Hollins R., Incorporating a Student Learning Plan in to the Approval and Performance of Student-Directed Electives. Canadian Conference on Medical Education. April 2016. Montreal, Quebec.

*Savage, T., Wang J., Vo, P, ****Winthrop A**, and Mann S. SSTEP-ing Into Clerkship: A Weeklong Technical Skills Elective Program Decreases Anxiety, Increases Confidence, Knowledge, and Performance in 2nd Year Medical Students Transitioning Into Clerkship. Canadian Conference on Medical Education. April 2016. Montreal, Quebec.

*Pilkington M., Situma M., ****Winthrop A.**, and Poenaru D. Why so late? Barriers to timely access to Pediatric Surgical care at Mbarara Regional Referral Hospital Uganda. Canadian Association of Pediatric Surgeons, Sept 2016 Vancouver, BC

*Kasmani, A., Clement E, ****Winthrop A.** The Use of Clinical Decision Rules in Evaluating Blunt Abdominal Trauma in Pediatric Patients: A Systematic Literature Review. Trauma Association of Canada. Feb 2017 Vancouver, BC.

*Mosa, A., ****Winthrop A.**, Pasricha, S., and Katsoulas E. Sampling Patient Experience to Assess Communication (SPEAC): A Targeted Needs Assessment. Canadian Conference on Medical Education. April 2017 Winnipeg, Man.

*Ajzenberg, H., Wang P., Mosa A., ****Winthrop A.**, et al. The Next SSTEP: The Surgical Skills and Technology Elective Program decreases cognitive load during suturing tasks in 2nd year medical students. Canadian Conference on Medical Education. April 2017 Winnipeg, Man.

Gibson M., Katsoulas E., Merchant S., and **Winthrop A.** Altering the scoring of global rating scales on an Undergraduate OSCE: Does it affect the identification of candidates with borderline performance? Canadian Conference on Medical Education. April 2017 Winnipeg, Man.

*Pilkington, M., Situma M., **Winthrop A.**, and Poenaru D. Quantifying Delays and Self-Identified Barriers to Timely Access to Pediatric Surgery at Mbarara Regional Referral Hospital Uganda. Canadian Association of Pediatric Surgeons. Oct 2017 Banff, Alta.

*Pasricha S., Sunavsky J., Mosa A., Katsoulas E., and ****Winthrop A.** SPEAC (Sampling Patient Experience to Assess Communication): A Pilot Study in Undergraduate Surgical Education. Canadian

Undergraduate Surgical Education Conference. Nov 2017 Vancouver, BC.

*Zhang, Z., Katsoulas E., Pinchin S., and ****Winthrop A.** Integrating Entrustable Professional Activities into Surgical Rotations in Clinical Clerkship A Needs Assessment. Canadian Undergraduate Surgical Education Conference. Nov 2017 Vancouver, BC.

*Boulet, M., Stephens T., Goumeniouk N., ****Winthrop A.** et al. SSTEP: Use of Augmented Reality in Competency Based Medical Education. Canadian Undergraduate Surgical Education Conference. Nov 2017 Vancouver, BC.

*Zhang, Z., Katsoulas E., Pinchin S., and ****Winthrop A.** A Needs Assessment for the Integration of Entrustable Professional Activities into Clinical Clerkship. Canadian Conference on Medical Education. April 2018 Halifax, NS

*Pasricha S., Sunavsky J, Mosa A, Katsoulas E, and ****Winthrop A.** SPEAC (Sampling Patient Experience to Assess Communication): A Pilot Implementation Study in Clerkship. Canadian Conference on Medical Education. April 2018 Halifax, NS

*Dang, F., Ajzenberg, H., Wang, P., ****Winthrop A.**, et al. Suturing Skills Performance Assessment in the Surgical Skills and Technology Elective Program (SSTEP): Comparison of Novice and Expert Raters. Canadian Conference on Medical Education. April 2018 Halifax, NS

*Zhang, Z., Ding, A., Katsoulas, E., ****Winthrop A.** Challenges to the Integration of Entrustable Professional Activities into Clinical Clerkship. Canadian Conference on Medical Education, April 2019, Niagara Falls, Ont

*Lemke, M., Lia, H., Gabinet-Equihua, A., Sheahan, G., **Winthrop A.**, et al. Resource Optimization in Proficiency-Based Suturing Skills Training. Canadian Conference on Medical Education, April 2019, Niagara Falls, Ont

18. **COMMITTEE SERVICE:** (*Canadian and St. Louis committees prior to 1997 not included, information available on request)

Medical College of Wisconsin Committees

10/1997 – 07/2011 - Student Education Subcommittee, Department of Surgery
Responsible for oversight of M3 surgical clerkship

11/1997 – 07/2011 - Department of Surgery Education Committee

02/1999 - Ad Hoc M3/M4 Curriculum Task Force
Curriculum redesign workgroup

1999 – 2006, 2008 – 2011 - Curriculum Evaluation Committee
2001 – 2003 - Chairperson CEC
1999 – 2001, 2003 – 2005 - Member, M3/M4 subcommittee
2000 – 2001, 2003 – 2005 - Chairperson M3/M4 subcommittee
Responsible for facilitating implementation of major curriculum change M3M4
Responsible with Office of Education for preparation/successful LCME visit 2003
2005 – 2006, 2008 – 2011 - Member M1M2 subcommittee
2009 – 2011 – co-chair M1M2 subcommittee
2010 – 2011 – Curriculum Evaluation Council

2006 – 2008 - Women's Faculty Council

1998 - 2011 - Firearm Injury Research Center, Member, Technical Advisory Board
1998 – 2011 - Injury Research Center, Core Faculty
Executive Committee and Steering Committee, Medical College of Wisconsin
2002-present - Co-Director of Education Core
Coordinating injury related research at MCW, major grant submission to CDC
Co-Director summer research student program

Queen's University School of Medicine Committees:

08/2011 – present Curriculum Management Working group, Undergraduate Medicine Education, School of Medicine
08/2011 – present, Curriculum Committee, School of Medicine
Responsible for curriculum oversight, including major curriculum innovations
08/2011 – 12/2012, Clerkship Committee, co-chair, School of Medicine
01/2012 – present, Clerkship Committee, Chair, School of Medicine
Responsible for oversight of the 2 year clinical clerkship
11/2011 – 2017, Course and Faculty Review Committee, **Chair** (2011 – Oct 2014) School of Medicine
Responsible for curriculum and faculty evaluation and curriculum quality
10/2013 – present MD Program Executive Committee, Undergraduate Medicine Education, School of Medicine
Executive governance of the UGME program
01/2015 – present – Undergraduate Surgical Education committee, Department of Surgery, Queen's University
01/2015-present – Hospital Liaison Committee, Undergraduate Medical Education Program, Queen's University

06/2017-present – MD Program Evaluation Committee, Undergraduate Medical Education Program, Queen's University

Hospital Committees (*does not include Canadian committee prior to 1993)

01/1993 – 06/1997 - Specialty Care Subcommittee
St. Louis Children's Hospital

- 01/1993 – 06/1997 - Critical Care Subcommittee
St. Louis Children's Hospital
- 01/1993 – 06/1997 - Emergency Preparedness Committee
St. Louis Children's Hospital
- 05/1993 – 06/1997 - Chairman, Pediatric Trauma Committee
St. Louis Children's Hospital
- 1993 – 1997 - Nutrition Support Team Policy Committee
St. Louis Children's Hospital
- 1995 – 1997 - Infection Control Subcommittee
St. Louis Children's Hospital
- 1995 – 1997 - Emergency Unit Core Planning Steering Committee
St. Louis Children's Hospital
- 1995 – 1996 - Patient Aggregation Re-engineering Committee
St. Louis Children's Hospital
- 01/1993 – 1994 - Housestaff Education Committee
St. Louis Children's Hospital
- 1993 – 1997 - Academic Women's Network (mentorship)
In affiliation with Washington University School of Medicine
- 1996 - Medical Education re-engineering Committee
St. Louis Children's Hospital
- 07/1997 – 06/2008 - Chairperson, Pediatric Trauma Committee
Primary administrative coordinating body for trauma program
Children's Hospital of Wisconsin
- 06/2000 – 2002 - Chairperson, Trauma Research Committee
Children's Hospital of Wisconsin
- 06/2000 – 06/2008 - Chairperson, Trauma Physician Peer Review Committee
Children's Hospital of Wisconsin
- 09/1997 – 06/2008 - Transport Multidisciplinary Committee
Children's Hospital of Wisconsin
- 09/1997 – 2007 - Pharmacy and Therapeutics Committee
Children's Hospital of Wisconsin
- 01/1998 – 03/2000 - Critical Care Committee
Children's Hospital of Wisconsin
- 04/1998 – 06/2008 - Emergency Services Multidisciplinary Committee
Children's Hospital of Wisconsin
- 1998 – 2008 - Emergency Preparedness Committee
Children's Hospital of Wisconsin
- 1998 - Procedural Sedation Task Force
- 1997 – 1998 – Search Committees, Pain Director
Children's Hospital of Wisconsin
- 1997 – 1998 – Search Committees, Trauma Critical Care Director

Medical College of Wisconsin
10/1998 – 06/2008 - Burn Program Steering Committee, Chairperson
responsible for initiating coordinated burn program
Children's Hospital of Wisconsin
2010 – 07/2011 – Ethics Committee, Children's Hospital of Wisconsin

19. TEACHING

MCMASTER UNIVERSITY TEACHING ACTIVITIES: (*does not include medical student or resident teaching)

Continuing Medical Education

Introduction to Research Methods in Health Science, Design, Measurement and Evaluation Program, School of Graduate Studies
1989 - Program for Faculty Development: McMaster University Faculty of Health Sciences
10/1990 - Problem Based Learning Workshop
04/1991 – 03/1992 - Leadership in Education Program
1991 - Principles of Learning in the Health Sciences, School of Graduate Studies

WASHINGTON UNIVERSITY TEACHING ACTIVITIES:

Medical Student Education

1993 – 1997 - M3 lectures
Pediatric Trauma
Common Pediatric Surgical Problems
Newborn Surgical Emergencies
1995 – 1997 - Coordinator Pediatric Surgery clerkship
1995 – 1996 - Research Supervisor M4
1994 – 1997 - Mentor, AMWA Chapter
1994 – 1997 - Mentor, Lowry Moore Society
1994 – 1997 - Mentor, Student Advisor Program

Resident Education

1993 - Surgical Residents Conferences
1993 - Pediatric Emergency Medicine Seminars on Pediatric Trauma
1996 – 1997 - Research supervisor

Continuing Medical Education

1993 – 1997 - Co-ordinator Pediatric Trauma Rounds
1993 – 1997 - Co-ordinator Pediatric Mock Trauma
03/1993 Non-invasive measurement of energy expenditure, macronutrient balance, and body composition in neonates and children. Surgical Research Conference, Washington University
04/1993 Pediatric Trauma: Children are not little adults, Surgical Grand Rounds, Washington

University

04/1993 Gastrointestinal Bleeding in Children, Early Bird Rounds, St. Louis Children's Hospital

05/1993 Pediatric Trauma, Pediatric Grand Rounds, Washington University

05/1993 Pediatric Trauma: Children are not little adults, Continuing Medical Education Program, St. Louis Children's Hospital

03/1994 Appendicitis: The Great Pretender, Early Bird Rounds, St. Louis Children's Hospital, St. Louis

08/1994 Intestinal obstruction in the newborn, General Surgery Conference, Washington University School of Medicine, St. Louis

04/1995 Panel on pediatric injury prevention, Emergency Medicine Symposium, St. Louis Children's Hospital, St. Louis

12/1995 Abdominal trauma and the primary care pediatrician, Early Bird Rounds, St. Louis Children's Hospital, St. Louis

10/1996 Hirschsprung's Disease, General Surgery Conference, Washington University School of Medicine, St. Louis

03/1997 Necrotizing enterocolitis, General Surgery Conference, Washington University School of Medicine, St. Louis

Certification

1994 – 1997 - Pediatric Advanced Life Support Faculty
St. Louis Children's Hospital

1993 – 1997 - Advanced Trauma Life Support Course Director

1996 – 1997 - Pediatric Basic Trauma Life Support Instructor

Allied Health

1993 – 1996 - Trauma Nursing Education Symposium

MEDICAL COLLEGE OF WISCONSIN TEACHING ACTIVITIES:

Medical Student Teaching

1998 – 2011 Pediatric Interest Group, Department of Pediatrics

2000, 2001, 2004 - Surgery Interest Group, Department of Surgery

Chairman's Rounds: Medical Students Department of Surgery

1998, 2000, 2001, 2002, 2004

2003 - 2011 - Pediatric Surgery lecture, M3 surgical clerkship, Q2monthly

2006- 2009 - Pediatric Burn Lecture, M3 surgical clerkship, Q2monthly

2004 – 2010 – Resuscitation and Perioperative Medicine, course lectures, M3 surgical clerkship, Q monthly

2002 – 2011 - Participant (and co-Director), Injury Research Center, Summer Student Seminar Series, Medical College of Wisconsin *one of the first approved Academic Enrichment Electives*

2004-2011 - M4 Injury Control Integrated selective, Trauma Systems of Care tour

2010 and 2011 M3 Professionalism and Patient Centered Care Intersession
2011 TBL Pilot Curriculum
GI/Nutrition/Metabolism module
CardioRespRenal module

Medical Student Evaluations

2001 – 2011 - M3 medical student benchmark OSCE

Medical Students Clinical Teaching

1997 – 2011 - M3 pediatric surgery rotation, 2 – 3 students/month/12 months
2003 – 2011 - *site director for pediatric surgery M3 rotation*
1997 – 2011 - M4 pediatric surgery subInternship, 1 student/month/12 months
2003 – 2011 - *site director for pediatric surgery sub-I*
2001 – 2011 - M1-M2 Mentor/Clinical Preceptor, 1-2 students/month/12 months
2001 – 2008 - M2 Introduction to Clinical Examination preceptor, 1 student/6 weeks
2008 – 2011 – M2 Clinical Exam and Reasoning preceptor 4 students/1 month/year

Medical Student Advisor

1999 – 2011 - Senior Student Mentor, *One to two students per year*

MIM2 summer student research supervisor

2002 - Benjamin Schneeburger
2003,2004 - Justin Paulson
2005 - Rachel Thompson
2006 - Amie Miller
2006 - Jeremy Joyal
2006- Lisa Wang
2007- Stephanie Post
2008- Erica Flores
2008- Eric Andresen
2009- Aran Balachandran
2010 – Max Geers
2011 – Ashley Lawal

Medical Student Honors in Research program

2007 - Justin Paulson
2009 - Jeremy Joyal

Medical Student Pathway Preceptor

Physician Scientist: Max Geers class of 2013
Global Health: Aran Balachandran class of 2012
Urban and Community Health: Kyna Zacharias class of 2012
Physician Scientist: Erica Flores class of 2011

Resident advisor

2002 – 2003 - Evelyn Kachikwu
2003- 2004 - Sarah Lena

Intern Applicant Interviews

1997 – 2011 - Department of Surgery, Medical College of Wisconsin

Resident Lectures and Surgery Curriculum

1998 – 1999, 2003 - Pediatric Surgery, Senior Resident Teaching Conference,
Department of Surgery
08/1998 - Surgery Grand Rounds, Faculty supervisor
1997 – 2011 - Pediatric Emergency Medicine Conferences, Department of Pediatrics,
Topics: Abdominal Pain, GI bleeding, CHW trauma team
1997 – 2011 - Pediatric Residents Teaching Conference
Topics: Abdominal Pain, Abdominal Trauma, Inguinoscrotal Conditions
1997 – 2011 - Pediatric Surgery, Residents Teaching Rounds
Example Topics: Trauma and Burns, Esophageal Atresia, Surgical Nutrition,
Hirschsprungs Disease, Meconium Ileus, Acute Airway Management in Trauma,
Hypothermia (not all topics listed)
2008 – 2009 - Surgery PGY1 Curriculum, Basic Science sessions
2007 – 2008 - Surgery PGY2 Curriculum, Burns
2009 – 2011 – Surgery PGY2 Curriculum, Basic Science Sessions
1997 – 2011 - Pediatric Critical Care Conference, Department of Pediatrics,
Example Topics: Pediatric Trauma, Pediatric Burns, Cervical Injuries in Children,
Surgical Nutrition, Inhalation Injuries
1998 - Pediatric Trauma, FMLH Critical Care Teaching Conference
09/1999 - FMLH Emergency Medicine Conference, Pediatric Acute Abdomen
02/2004 , 09/2006, 07/2007 – FMLH Emergency Medicine Conference
Topic: Pediatric Trauma
1997 – 2000 - Morbidity and Mortality moderator, Department of Surgery

Mock Oral Exams, Department of Surgery, Medical College of Wisconsin
05/1998, 05/2000, 05/2001, 06/2003, 05/2005, 06/2008, 05/2010
2007-2011: Surgical Resident PGY1 and PGY2 Core Curriculum Basic Science

Resident Clinical Teaching

1997 – 2011 - General Surgery resident rotations, 5 residents/month/12 months
2001 – 2011 - Pediatric Surgical Fellowship

Department Conference/Research

02/1999 - Pediatric Injury Prevention Models, Injury Control Research Seminar

09/1999 - Overview of Evidence-Based Outcome Measures in Pediatric Trauma, Wisconsin Injury Research Center Seminar Series

Graduate School Education

04/1999 - Graduate Course Injury Epidemiology: Faculty

10/2000, 12/2008 - Community Based Injury Prevention, Epidemiology Graduate Seminars

Continuing Medical Education

09/1997 - Hirschprung's Disease, Neonatal Teaching Conference

03/1998 - Cystic Adenomatoid Malformations, Neonatal Teaching Conference

05/1999 - Esophageal Atresia, Neonatal Teaching Conference

07/1999 - Soft tissue Infections, Emergency Medicine Teaching Conference

02/2000 - Biliary Atresia, Neonatal Teaching Conference

1999 – 2011 - Pediatric Surgical Conferences, Children's Hospital of Wisconsin

02/1998 - Pediatric Trauma : Children are Not Little Adults, Department of Surgery Grand Rounds

03/1999 - Pediatric Burns, Pediatric Grand Rounds, Children's Hospital of Wisconsin

03/1999 - Pediatric Burns, Department of Surgery Grand Rounds

02/1998, 04/1999, 07/2000-07/2008 ABC of Pediatric Trauma, Children's Hospital of Wisconsin Pediatric Trauma Rounds

12/2002, 02/2003, 02/2005 - Nutrition in Pediatric Trauma, Pediatric Trauma Rounds, Children's Hospital of Wisconsin Pediatric Trauma Rounds

02/2001 - Hirschprung's Disease, Surgical Grand Rounds

02/2002 - Crohn's Disease in Children, Surgical Grand Rounds

10/2002 - Outpatient and Long term Outcomes in Burns, Children's Hospital of Wisconsin Burn Conference

11/2004, 07/2005 - Outcomes Research in Pediatric Trauma, Surgical Grand Rounds and Pediatric Grand Rounds

04/2005 – ED Management of Pediatric Burns, Emergency Medicine Conference

11/2005 – Burns, Pediatric Surgery Conference

02/2006 and 11/2006 – Hypothermia, Pediatric Surgical Conference and Trauma Rounds, Children's Hospital of Wisconsin

06/2006, 07/2008, and 11/2009 – Meconium Ileus and Meconium Ileus Equivalent, Pediatric GI and Neonatology Conferences

02/2007 – Acute Airway Management of the Injured Child, Emergency Medicine Conference

05/2007 - Surgical Causes of GI Bleeding in Children, Pediatric GI Conference

03-2008 – Approach to the Neonate with Bowel Obstruction, Pediatric GI Conference

01/2009 – The Jaundiced Infant, Pediatric GI and Pediatric Neonatology Conference

12/2010- MRSA Soft Tissue Infections, Surgery/Emergency Medicine Conference

Certifications

1997 – 2011 - Pediatric Advanced Life Support instructor, Children's Hospital of Wisconsin

1997 – 2011 - Advanced Trauma Life Support Instructor and Course Director, FMLH and the

Medical College of Wisconsin

Allied Health

11/1997 - Inflammatory Bowel Disease, Pediatric Nursing Education, Children's Hospital of Wisconsin

01/1998 - Initial Resuscitation of Pediatric Trauma, RN days, Emergency Department Nursing, Children's Hospital of Wisconsin

1999 – 2000 - Pediatric Emphasis, Children's Hospital of Wisconsin

A multidisciplinary course offered to allied health

02/1999 - ABC's of Pediatric Trauma, Milwaukee County EMS Conference, Zoofari Conference Center, Milwaukee

05/2009 - Pediatric Chest and Abdominal Trauma, Milwaukee County EMS Conference, Zoofari Conference Center, Milwaukee

Pediatric Emergencies for the Prehospital Provider, Instructor

QUEEN'S UNIVERSITY TEACHING ACTIVITIES:

Medical Student teaching

09/2011 – present, Critical Enquiry, small group facilitator q monthly

09/2011 – present, Fluids and Electrolytes, Core Surgery Clerkship seminar, q6 week rotation

09/2011 – present, M1 and M2 Student half day observerships 10-15 per year

09/2011 – 2012, Post op Complications, Clerkship and off service residents seminar, q6week rotation

11/2011 Shock TBL, Intro to Clerkship Class of 2013

2011-2012 Expanded Clinical Skills sessions, GI/Surgery course and Pediatrics

Sept/Oct yearly 2012 - present C1 unit: Clerkship Preparation Term 5 Meds 351

Whole class sessions, DIL, Skills simulation sessions = approx. 26 Half days equivalent/course iteration

Nov/Dec yearly 2012- present C2 unit: Complex Presentations and Competencies Term 7 Meds 471

Whole class sessions, DIL, Skills simulation sessions, CaRMS interview prep = approx. 27.5

Half days equivalent/course Iteration

Feb yearly 2016-present GI/Surgery course: PediatricAbdominal Pain 2 hour TBL session

2017- present: Faculty assessor for Patient Safety/Systems Analysis assignment

Medical Student Clinical teaching

08/2011 – present, Clinical Teaching CTU 3, General Surgery Core Clerkship rotation

Medical Student Advisor

2011- present, yearly Women in Medicine panel, sponsored by Canadian Women in Medicine

09/2011 – present, mentor group leader, School of Medicine

09/2011 – present, presentations at Pediatrics and Surgery Student Interest groups

Medical Student Research Supervisor

James Simpson (Class of 2015) Pilot project: Patient Assessment of Medical Student Interactions
Note: one of 3 finalists for the Medical Student Research Showcase 09/2013; presentation at Ottawa Conference of Assessment in Medicine and the Canadian Undergraduate Surgical Education Committee conference.

Tyson Savage, Justin Wang, Peter Vo (Class of 2017) Surgical Skills and Technology Elective Program (SSTEP). Presentations at Canadian Undergraduate Surgical Education Committee conference and the Canadian Conference on Medical Education.

Patrick Kim (Class of 2017) Integrating Pathology and Laboratory Medicine into Clinical Clerkship.

Adam Mosa (Class of 2018) Sachin Pasricha (Class of 2020) Juliana Sunavsky (Class of 2021) Sampling Patient Experience to Assess Communication. Presentations at the Canadian Conference on Medical Education (2016, 2017 and 2018). Presentation at Canadian Undergraduate Surgical Education Conference (2017)

Adam Mosa, Peter Wang, Henry Azjenberg, Frances Dang (Class of 2018) Surgical Skills and Technology Elective Program (SSTEP). Presentation at Canadian Conference of Medical Education (2017 and 2018)

Max Boulet, Trina Stephens, Sean Xia, Greg Paulin, and Natasha Goumeniouk (Class of 2019) Surgical Skills and Technology Elective Program (SSTEP). Presentation at Canadian Undergraduate Surgical Education Conference. (2017)

Drew Zhang (Class of 2019). Implementation of EPA's in Clerkship. Presentation at Canadian Undergraduate Surgical Education Conference (2017). Presentation at Canadian Conference on Medical Education (2018 and 2019)

Madeline Lemke, Alex Gabinet, Laurel Collings, Greg Hawley (Class of 2020), and Juliana Sunavsky (Class of 2021) SSTEP 5 program. Presentation at Canadian Conference on Medical Education (2019)

Resident teaching

08/2011 – present, faculty Academic Half day, General Surgery residency

11/2011 – present, Mock Oral boards, General Surgery residency

08/2011 – present, faculty Surgical Foundations curriculum, Queen's University Post Grad

08/2011 – present, faculty Academic Half Day, Pediatrics residency

01/2018- present, faculty CTU 3 Teaching Rounds, General Surgery Residency

Graduate Student advisor

Julianna Szymus: The Development and Assessment of a Medical Education Resource That Uses Surface Anatomy to Create a Link Between Gross Anatomy and Clinical Skills. Master's of Science, Dept of Biomedical and Molecular Sciences. Dec 2012

Surgical Resident Research Supervisor

Ayca Toprak: Surgical Procedure Feedback Rubric, Master's of Education and CIP program, Queen's University July 2013 – 2015. Degree completion spring 2015. Multiple national presentations and publication Am J of Surg.

Azim Kasmani: Validation of Clinical Decision Rules for Pediatric Blunt Abdominal trauma. Resident research project, initiated 2014. Presentation at Trauma Association of Canada 2017.

Mercedes Pilkington: Why So Late: Pediatric Surgical Care in Uganda. Resident research project initiated in 2013. Presentations at Canadian Association of Pediatric Surgeons (2016 and 2017).

Family Medicine Resident Research Supervisor

Farah Pabani: Student self-assessment of global OSCE performance in Clerkship. Initiated in 2017. Academic Resident Research Project winner: Family Medicine Primary Care Research Day Feb 2018

Continuing Medical Education

Pediatric Burns, Pediatric Grand Rounds, 2012

Pediatric Trauma, Trauma Rounds, 2013

Pediatric Burns, Trauma Rounds, 2014

Pediatric Hernias and Undescended Testes, Pediatric Focus, Queen's University, Donald Gordon Center, Fall 2015

Pediatric Trauma CT scans, Trauma Rounds 2016

Pediatric Burns, Emergency Medicine Rounds 2017

PECARN, Trauma Rounds, 2018

20. BIBLIOGRAPHY (*resident/student **senior author)

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