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*Pediatric Surgical Associates, P.A.
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EDUCATION:

May 1998	Doctor of Medicine Magna cum Laude, Alpha Omega Alpha (<i>junior inductee</i>) SUNY Upstate Medical University, Syracuse, NY
May 1997	Master of Science, Zoology with Distinction University of Otago, Dunedin, New Zealand
May 1993	Bachelor of Science, Biology and Environmental Studies Magna cum Laude, Phi Beta Kappa Tufts University, Medford, MA

POST-DOCTORAL TRAINING:

July 2005 - July 2007	Fellow in pediatric surgery, Department of Surgery, Children's Hospital and Regional Medical Center, Seattle, WA
June 2004 - June 2005	Chief resident in general surgery, Department of Surgery, University of Virginia Health System, Charlottesville, VA
June 1998 - June 2004	Resident in general surgery, Department of Surgery, University of Virginia Health System, Charlottesville, VA

CURRENT PRACTICE:

August 2007- present	Pediatric Surgical Associates, Charlotte, NC- Emphasis on neonatal and minimally invasive surgery; credentialed at Levine Children's Hospital and Hemby Children's Hospital, Charlotte, NC
2011 -present	Neonatal and Pediatric Surgical Director: Extracorporeal Life Support Program, Levine Children's Hospital, Charlotte, NC
2013 - present	Surgeon Champion: National Surgical Quality Improvement Program- Pediatric (American College of Surgeons), Levine Children's Hospital, Charlotte, NC

PROFESSIONAL LICENSURE AND CERTIFICATIONS:

March 2008	Certified in Pediatric Surgery, #1027
May 2007	North Carolina Medical Board, 2007-00874
May 2006	Certified in Surgery, American Board of Surgery, #51328

April 2005 State of Washington, Health Professions Quality Assurance Division,
MD00044969

November 2001 Virginia Board of Medicine, VA#0101231590

1999 – 2003 Advanced Trauma Life Support, Instructor

HONORS AND AWARDS:

2005 Skip Warren Teaching Award, University of Virginia Health System,
Department of Surgery: Awarded by the junior residents to the chief
resident who contributed most to their education and training.

2003 Pharmacia Scholastic Achievement Award, University of Virginia
Health System, Department of Surgery: Awarded by the faculty to the
resident who best combined academic and clinical practice in his or her
3rd clinical year.

2002 National finalist, American College of Surgeons Committee on
Trauma, Residents' Paper Competition

2002 1st Place, Clinical Science, American College of Surgeons Committee
on Trauma, Residents' Paper Competition, Region III

2002 1st Place, Clinical Science, American College of Surgeons Committee
on Trauma, Residents' Paper Competition, Virginia Chapter

2001 2nd Place, Basic Science, American College of Surgeons Committee on
Trauma, Residents' Paper Competition, Region III

2001 1st Place, Basic Science, American College of Surgeons Committee on Trauma,
Residents' Paper Competition, Virginia Chapter

2000 2nd Place, Clinical Science, American College of Surgeons Committee
on Trauma, Residents' Paper Competition, Virginia Chapter

1998 Bruce Farrell, M.D. Award for Outstanding Student in General
Surgery, SUNY Upstate Medical University

1997 Master of Science thesis accepted, with Distinction, University of
Otago, Dunedin, New Zealand

1996 – 1998 Syracuse Alumni Scholarship, SUNY Upstate Medical University

1994 – 1998 Academic Commendation, SUNY Upstate Medical University

RESEARCH GRANTS AND SCHOLARSHIPS:

2001 National Research Service Award, National Institutes of Health,
Bethesda, MD. NIH#1f32 HL 104 94-01 A: Mechanisms of trauma-
hemorrhage induced acute lung injury in mice.

1993 Fulbright Scholarship, New-Zealand-United States Educational
Foundation: Maternal caring strategies in New Zealand Fur Seals.

SOCIETIES, COMMITTEES AND TEACHING:

2013 - present	Perioperative Leadership Committee, Carolinas Medical Center, Charlotte, NC
2012 - present	Operating Room Committee, Carolinas Medical Center, Charlotte, NC
2012 – present	Adjunct Assistant Professor in Surgery, University of North Carolina
2011 - present	Senior investigator: Home Intravenous Versus Oral Antibiotics Following Appendectomy for Perforated Appendicitis in Children, A Randomized Control Trial
2006 - present	Member, American Pediatric Surgical Association
2006 - 2007	Lecturer for Neonatal Bowel Obstruction. Airlift Northwest, Seattle, Washington
2006	International Pediatric Endosurgery Group
2006	Society of American Gastrointestinal Endoscopic Surgeons
2001 - 2002	Critical Care Lecturer, 3 rd year medical students, University of Virginia Health System, Department of Surgery
2001 - 2002	Surgery Representative, House Staff Council, University of Virginia Health System
2001 - 2002	Laboratory coordinator and instructor for 1 st and 3 rd year medical students, Suturing and Life-Saving Techniques Laboratories, University of Virginia Health System, Department of Surgery
1999 - 2003	Advanced Trauma Life Support Instructor

PUBLICATIONS:

1. **Schulman AM**, Claridge JA, Carr G, Diesen DL, Young JS. Predictors of patients who will Develop prolonged occult hypoperfusion following blunt trauma. *Journal of Trauma-Injury Infection & Critical Care* 57(4):795-800, 2004.
2. **Schulman AM**, Claridge JA, Ghezel-Ayagh A, Johnson O 3rd, Young JS. Differential local and systemic tumor necrosis factor-alpha responses to a second hit of lipopolysaccharide after hemorrhagic shock. *Journal of Trauma-Injury Infection & Critical Care* 55(2):298-307, 2003.
3. **Schulman AM**, Claridge JA, Young JS. Young versus old: factors affecting mortality after blunt traumatic injury. *American Surgeon* 68(11):942-7; discussion 947-8, 2002.
4. Claridge JA, **Schulman AM**, Young JS. Improved resuscitation minimizes respiratory dysfunction and blunts interleukin-6 and nuclear factor-kappa B activation after traumatic hemorrhage. *Critical Care Medicine* 30(8):1815-9, 2002.
5. Claridge JA, Sawyer RG, **Schulman AM**, McLemore EC, Young JS. Blood transfusions correlate with infections in trauma patients in a dose-dependent manner. *American Surgeon* 68(7):566-72, 2002.

6. Raymond DP, Pelletier SJ, Crabtree TD, **Schulman AM**, Pruett TL, Sawyer RG. Surgical

infection and the aging population. *American Surgeon* 67(9):827-32; discussion 832-3, 2001.

7. Claridge JA, **Schulman AM**, Sawyer RG, Ghezel-Ayagh A, Young JS. The "July phenomenon" and the care of the severely injured patient: fact or fiction? *Surgery* 130(2): 346-53, 2001.

8. Harcourt RG, **Schulman AM**, Davis LS, Trillmich F. Summer foraging by lactating female New Zealand fur seals (*Arctocephalus forsteri*) off Otago Peninsula, New Zealand. *Canadian Journal of Zoology* 73:678 – 690, 1995.

9. Collier C, Franklin J, **Schulman AM**, Sorensen V. The Effect of Tidal State on the Number of Hauled-Out Individuals and Activity Budget of the California Sea Lion (*Zalophus californianus*) at Los Islotes Island in the Bay of La Paz. Minutes of the 17th Annual Conference of the Mexican Society for the Study of Marine Mammals. 1992. Abstract.

PRESENTATIONS:

1. Klima DA, Wormer BA, Colavita PD, Eruchalu CN, Walters AL, Coper GH, Heniford TB and **Schulman AM**. Home Intravenous Versus Oral Antibiotics Following Appendectomy for Perforated Appendicitis in Children, A Randomized Control Trial. *Accepted*. American Pediatric Surgical Association, annual meeting, 2014

2. **Schulman AM** and Kim SS. Neonatal Thoroscopic Repair of Congenital Diaphragmatic Hernia. Seattle Surgical Society, annual meeting, 2007.

3. – 6. **Schulman AM**, Claridge JA, Young JS. Prolonged Occult Hypoperfusion is More Important than Injury Severity in Predicting Survival in Moderately Injured Patients:

3. American College of Surgeons, Virginia Chapter, annual meeting, 2003

4. American College of Surgeons Committee on Trauma, Residents' Paper Competition, National Finals, 2003

5. American College of Surgeons Committee on Trauma, Residents' Paper Competition, Region III, 2002 (1st place)

6. American College of Surgeons Committee on Trauma, Residents' Paper Competition, Virginia Chapter, 2002 (1st place)

7. **Schulman AM**, Claridge JA, Carr G, Young JS. Who Needs More Resuscitation? Predictors Of Prolonged Occult Hypoperfusion Following Blunt Trauma. American Association for the Surgery of Trauma, 2002. Poster

8. **Schulman AM**, Claridge, JA, Young JS. Young versus Old: Factors Affecting Mortality After Blunt Traumatic Injury. Southeastern Surgical Congress, 2002.

9. – 11. **Schulman AM**, Claridge JA, Ghezel-Ayagh A, Johnson O 3rd, Young JS. Differential Local and Systemic Tumor Necrosis Factor-Alpha Responses to a Second Hit of Lipopolysaccharide Following Hemorrhagic Shock:

9. American College of Surgeons, Virginia Chapter, annual meeting, 2002

10. American College of Surgeons Committee on Trauma, Residents' Paper Competition, Region III, 2001 (2nd place)

11. American College of Surgeons Committee on Trauma, Residents' Paper Competition, Virginia Chapter, 2001 (1st place)

12. **Schulman AM**, Claridge JA, Ghezel-Ayagh A, Young JS. Hemorrhage and Resuscitation Does Not Prime for Increased Acute Lung Injury after a Second Hit of Endotoxin. American Association for the Surgery of Trauma, 2001. Poster. Meeting cancelled.

13. **Schulman AM**, Claridge JA, Young JS. Prolonged Occult Hypoperfusion, Not Injury Severity Score or Head-Abbreviated-Injury Score, Correlates with Survival in Patients with Severe Head Injury and Polytrauma. American College of Surgeons Committee on Trauma,

Residents' Paper Competition, Virginia Chapter, 2000 (2nd place).

14. Collier C, Franklin J, **Schulman AM**, Sorensen V. The Effect of Tidal State on the Number of Hauled-Out Individuals and Activity Budget of the California Sea Lion (*Zalophus californianus*) at Los Islotes Island in the Bay of La Paz. 17th Annual Conference of the Mexican Society for the Study of Marine Mammals. 1992. Poster.