

CURRICULUM VITAE
Jonathan Richard Schiller, MD

Assistant Professor
Brown Alpert Medical School and Rhode Island Hospital/Hasbro Children's Hospital
Department of Orthopedic Surgery
Division of Pediatric Orthopedics
Division of Sports Medicine
Director Adolescent and Young Adult Hip Program
1 Kettle Point Avenue
East Providence, RI 02914
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EDUCATION

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| Undergraduate | Bowdoin College Bachelor of Arts, Biology and Religion, 1996 Brunswick, ME |
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| Medical School | MCP/ Hahnemann School of Medicine Doctor of Medicine, 2002 Philadelphia, PA |
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POSTGRADUATE TRAINING

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| Research Fellowship | Orthopedic Research Fellow Brown Alpert Medical School/ Rhode Island Hospital Director Michael G. Ehrlich, MD Providence, RI June 2002 – June 2003 |
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| Residency | General Surgery Internship Program Brown Alpert Medical School/ Rhode Island Hospital Providence, RI July 2003 – June 2004 |
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| Residency | Orthopedic Surgery Residency Brown Alpert Medical School/ Rhode Island Hospital Providence, RI July 2004 – June 2008 |
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| Fellowship | Trauma Fellowship Brown Alpert Medical School/Rhode Island Hospital Providence, RI June 2008 – July 2009 |
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Fellowship
Dorothy and Bryant Edwards Fellowship in Pediatric
Orthopedics and Scoliosis
Texas Scottish Rite Hospital for Children
Dallas, TX
August 2009 – August 2010

POSTGRADUATE HONORS AND AWARDS

Positive Champion of the Learning Environment
Pediatric Orthopedic Elective – Ortho 3990
Warren Alpert Medical School at Brown University
March 2019

Resident Excellence in Teaching Award
Department of Orthopedics
Brown Alpert Medical School and Rhode Island Hospital
June 2018

The T. Boone Pickens Fellows Research Award
Texas Scottish Rite Hospital for Children
June 2010

The Haffenreffer Family House Staff Excellence Award
Brown Alpert Medical School and Rhode Island Hospital
June 2008

Peter G. Trafton, MD Residency Award for Research in Orthopedic Trauma
Brown Alpert Medical School and Rhode Island Hospital
June 2007

PROFESSIONAL LICENSES

Rhode Island – Allopathic Physician and Controlled Substance Registration, April 2008

ACADEMIC APPOINTMENTS

Assistant Professor
Department of Orthopedic Surgery
Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children's Hospital
September 2010 - Present

Clinical Instructor
Physician Assistant Program
Bryant University
June 2017 – Present

Course Director
Primary Care Orthopedics – Ortho 3975
Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children's Hospital
January 2012 – May 2017

Clinical Instructor
School of Nursing – Nurse Practitioner Program
Massachusetts General Hospital Institute of Health Professions
June 2012 – August 2016

Teaching Fellow in Orthopedics
Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children's Hospital
July 2008 - June 2009

Assistant Instructor in Orthopedics
Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children's Hospital
July 2007 - June 2008

Executive Chief Resident, Department of Orthopedics
Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children's Hospital
June 2007 - June 2008

HOSPITAL APPOINTMENTS

Director Adolescent and Young Adult Hip Program
Rhode Island Hospital and Hasbro Children's Hospital
Providence, RI
January 2012 - Present

Attending Physician
Department of Orthopedic Surgery
Rhode Island Hospital and Hasbro Children's Hospital
Providence, RI
September 2010 - Present

Staff Surgeon
Department of Orthopedic Surgery
Rhode Island Hospital and Hasbro Children's Hospital
Providence, RI
July 2008 - June 2009

OTHER APPOINTMENTS

Town of Seekonk Board of Health – Vice Chairman
Seekonk, MA
November 2016 – Present

Covering Orthopedic Physician
2016 USA Gymnastics Championships
Providence, RI
June 2016

Educational Consultant – Division of Hip Arthroscopy Product Development
Johnson and Johnson - Depuy Synthes, Inc
October 2011- Present

Team Orthopedic Physician
Providence Bruins
June 2008 – Present

Team Orthopedic Physician
Brown University
June 2006 – Present

Assistant to Team Orthopedic Physician
City of Providence High School Football Teams
July 2003 – June 2009

Associate Master Instructor, Fundamentals in Arthroscopy Junior Resident Course
Arthroscopy Association of North America AAOS/OLC
November 2007

Admissions Interviewer, Student Member
MCP/Hahnemann School of Medicine, Philadelphia, PA
June 2001 – May 2002

HOSPITAL COMMITTEES

Surgical Leadership Focus Group
Department of Orthopedic Surgery Representative
Rhode Island Hospital and Hasbro Children's Hospital
June 2015 – Present

Pediatric Surgical Services Committee
Department of Orthopedic Surgery Representative
Rhode Island Hospital and Hasbro Children's Hospital
January 2013 – Present

Pediatric Trauma and Performance Improvement Patient Safety Committee
Department of Orthopedic Surgery Representative
Rhode Island Hospital and Hasbro Children's Hospital
June 2011 – Present

Surgical Clinical Practice and Safety Committee
Department of Orthopedic Surgery Representative
Rhode Island Hospital and Hasbro Children's Hospital
November 2010 - Present

PROFESSIONAL SOCIETIES

American Academy of Orthopedic Surgeons (AAOS) Member
Pediatric Orthopedic Society of North America (POSNA) Member
Orthopedic Trauma Association Associate Member
International Society of Hip Arthroscopy Member

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

1. Brooks JJ, **Schiller JR**, Allen SD, Akelman E. Biomechanical and anatomical consequences of carpal tunnel release. *Clinical Biomechanics*. 2003 Oct; 18(8):685-93.
2. **Schiller JR**, Moore DC, Ehrlich MG. Increased Lengthening Rate Decreases Expression of FGF-2, PDGF-AA, VEGF and CD 31 in a Rat Model of Distraction Osteogenesis. *Journal of Pediatric Orthopedics*. 2007 Dec; 27(8): 961-968.
3. **Schiller JR**, DiGiovanni CW. Foot and Ankle Fellowship Training: A National Survey of Past, Present, and Prospective Fellows. *Foot and Ankle International*. 2008 Jan; 29(1): 34-41.
4. **Schiller JR**, Eberson CP. Spinal Deformity and the Adolescent Athletics. *Sports Medicine and Arthroscopy Review*. 2008 March; 16(1): 26-31.
5. Appleyard DV, **Schiller JR**, Eberson CP, Ehrlich MG. Idiopathic Chondrolysis Treated with Etanercept. *Orthopedics*. 2009 March; 32:214.
6. **Schiller JR**, Thakur NA, Eberson CP. Brace Management in Adolescent Idiopathic Scoliosis. *Clinical Orthopedics and Related Research*. 2010 March; 468:670-678.
7. Thakur NA, **Schiller JR**, Fischer SA, Palumbo MA. *Klebsiella pneumoniae* associated vertebral osteomyelitis after laparoscopic cholecystectomy. *Hospital Practice*. 2010 Jun; 38(3):75-78.
8. Mulcahey M, **Schiller JR**, Hulstyn MJ. Anabolic Steroid Use in Adolescents: Identification of Those at Risk and Strategies for Prevention. *The Physician and Sports Medicine*. 2010 October; 38(3):105-113.
9. Mulcahey M, Appleyard DV, **Schiller JR**, Born CT. Obesity and the Orthopedic Trauma Patient: A review of the risks and challenges in medical and surgical management. *Hospital Practice*. 2011 February; 39(1):146-152.
10. DeLaRocha A, Birch JG, **Schiller JR**. Precocious Appearance of the Capital Femoral Ossific Nucleus in Larsen Syndrome. *Journal of Bone and Joint Surgery*, 2012 May; 94A(9):e55, p1-4.
11. Fletcher ND, **Schiller JR**, Garg S, Weller AL, Larson AN, Kwon MS, Copley L, Ho CA. Increased severity of Type III supracondylar humerus fractures in the pre-teen population. *Journal of Pediatric Orthopedics*. 2012 September; 32(6):567-572.

12. Sawyer GA, Anderson BC, Paller D, **Schiller JR**, Eberson CP, Hulstyn, MJ. Biomechanical Analysis of Suture Bridge Fixation for Tibial Eminence Fractures. *Arthroscopy*, 2012 October; 28(10):1533-1539.
13. Thakur, NA, Daniels A, **Schiller JR**, McDonnell M, Valdes M, Schiller A, Palumbo MA, Terek R. Benign Tumors of the Spine. *Journal of the American Academy of Orthopedic Surgeons*, 2012 November; 20(11):715-724.
14. Sawyer GA, Anderson BC, Hulstyn, MJ, **Schiller JR**. Arthroscopic Suture Bridge Fixation of Tibial Intercondylar Eminence Fractures. *Arthroscopy Techniques*, 2013 August 30; 2(4):e315-318.
15. Weller AL, Garg S, Larson AN, Fletcher ND, **Schiller JR**, Kwon MS, Copley L, Browne R, Ho CA. Management of the Pulseless Supracondylar Humerus Fracture: Is Vascular Exploration Necessary? *Journal of Bone and Joint Surgery*, 2013 November 6; 95(21):1906-1912.
16. Garg S, Weller A, Larson AN, Fletcher ND, Kwon M, **Schiller JR**, Browne R, Copley L, Ho C. Clinical Characteristics of Severe Supracondylar Humerus Fractures in Children. *Journal of Pediatric Orthopedics*, 2014 January; 34(1):34-39.
17. Larson AN, Weller AL, Garg S, Fletcher ND, Kwon MS, **Schiller JR**, Ho CA. Operative treatment of type II supracondylar fractures: Does time to surgery affect complications? *Journal of Pediatric Orthopedics*, 2014 June; 34(4):382-387.
18. Hsu RY, Lareau CR, Kim JS, Koruprolu S, Born CT, **Schiller JR**. The Effect of C-Arm Position on Radiation Exposure During Fixation of Pediatric Supracondylar Fractures of the Humerus. *Journal of Bone and Joint Surgery*, 2014 August 6; 96(15):e129.
19. Cohen E, Trunzter J, Klinge S, Schwartz K, **Schiller JR**. Acute Pediatric Leg Compartment Syndrome in Chronic Myeloid Leukemia. *Orthopedics*, 2014 November 1; 37(11):e1036-1039.
20. Sangal RB, Waryasz GR, **Schiller JR**. Femoroacetabular Impingement: A Review of Current Concepts. *Rhode Island Medical Journal*, 2014 November 97(11): 33-38.
21. Pidgeon TS, Ramirez JM, **Schiller JR**. Orthopedic Management of Spasticity. *Rhode Island Medical Journal*, 2015 December 98(12):26-31.
22. **Schiller JR**, Brooks JJ, Mansuripur PK, Gil JA, Akelman E. Three-Dimensional Carpal Kinematics after Carpal Tunnel Release. *Journal of Wrist Surgery*, 2016 August; 5(3):222-226.
23. Cohen B, Kleinhenz D, **Schiller J**, Tabaddor R. Understanding Athletic Pubalgia: A Review. *Rhode Island Medical Journal*. 2016 October 99(10): 31-35.
24. Waryasz G, Gil JA, Chiou D, Ramos P, **Schiller JR**, DaSilva MF. Patient Comprehension of Carpal Tunnel Surgery: An Investigation of Health Literacy. *Hand*, 2017 Mar; 12(2):175-180.
25. Defroda S, Blood T, **Schiller J**. Lower Extremity Avulsion Fractures in the Pediatric and Adolescent Athlete. *Journal of the American Academy of Orthopedic Surgeons*, 2017 April 25(4):251-259.

26. Pidgeon TS, **Schiller JR**. Preliminary Report - The Long Leg Cast with Pelvic Band: A Novel Approach to Treatment of Pediatric Femur Fractures. *Pediatric Emergency Care*, 2017 May;33(5):329-333.
27. Pidgeon T, **Schiller JR**, Gil JA, Evangelista PT, Machan JT, Tabaddor RA. Joint Space Width and Osteoarthritis in Patients Undergoing Hip Arthroscopy. *Journal of Hip Surgery*, May 2017 (1):99-104.

PUBLISHED BOOK and BOOK CHAPTERS

1. Eberson CP, **Schiller JR**. “12 Common Pediatric Foot and Ankle Conditions”. *Core Knowledge in Orthopedics: Foot and Ankle*. pps 147- 170. Christopher DiGiovanni, MD and Justin Greisberg, MD eds, Mosby Inc. 2007.
2. Eberson CP, **Schiller JR**. “Osteochondroses and Apophysitis”. *Drennan’s The Child’s Foot and Ankle*, 2nd ed. Chapter 28, pps 433-442. James J. McCarthy, MD, James Drennan, MD, and James Guille, MD eds, Lippincott Williams & Wilkins. 2010.
3. **Schiller JR**. “Pediatric Orthopedics: Foot Pathology”. *Textbook of Clinical Pediatrics*, 2nd ed. Volume 6, Section 25, pps 3937-3945. Elzouki, H.A. Harfi, H. Nazer, F.B. Stapleton, W. Oh, R.J. Whitley eds, Springer. 2010.
4. Doak J, **Schiller J**, Eberson C. “Circulation of the Pediatric and Adolescent Hip”. *Skeletal Circulation in Clinical Practice*, Chapter 13, pps 3-40. Roy K Aaron ed. World Scientific, March 2016.
5. **Schiller JR**, McClure P, Rubin LE. “Direct Anterior Hip Surgery in Pediatric Patients”. *Direct Anterior Approach to Hip Reconstruction*, Section IV, Chapter 21. B Sonny Bal, Lee E Rubin, Kristaps J Keggl eds, SLACK Books, 2016.
6. Cruz Jr. AI, **Schiller JR**, Eberson CP. “Trauma to the Pelvis, Hip, and Femur: Pediatrics”. *Orthopedic Knowledge Update*, Section 6, Chapter 57. Jonathan N. Grauer, ed. American Academy of Orthopedic Surgeons, 2017.
7. **Schiller JR**. “Arthrogryposis”. *Essential Orthopedic Review – Questions and Answers for Senior Medical Students*, Section 5, Chapter 123. Eltorai AEM. Eberson CP. Daniels AH eds, Springer. 2018.
8. **Schiller JR**. “Other Skeletal Dysplasia”. *Essential Orthopedic Review – Questions and Answers for Senior Medical Students*, Section 5, Chapter 125. Eltorai AEM. Eberson CP. Daniels AH eds, Springer. 2018.
9. **Schiller JR**. “Limb Length Discrepancy”. *Essential Orthopedic Review – Questions and Answers for Senior Medical Students*, Section 5, Chapter 134. Eltorai AEM. Eberson CP. Daniels AH eds, Springer. 2018.
10. **Schiller JR**. “Pseudarthrosis of the Tibia”. *Essential Orthopedic Review – Questions and Answers for Senior Medical Students*, Section 5, Chapter 135. Eltorai AEM. Eberson CP. Daniels AH eds, Springer. 2018.

11. **Schiller JR**. “Foot and Ankle Deformities”. Essential Orthopedic Review – Questions and Answers for Senior Medical Students, Section 5, Chapter 136. Eltorai AEM. Eberson CP. Daniels AH eds, Springer. 2018.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. **Schiller JR**, Moore DC, Eberson CP, Ehrlich MG. Cbfa-1, Sox-9, HIF-1, and Oxa-1 expression during distraction osteogenesis. In preparation for submission.
2. **Schiller JR**, Karol LA, Johnston CE II, Tulchin K. Treatment of congenital pseudarthrosis of the tibia (CPT). A long-term function study. In preparation for submission.
3. Waryasz G, Gil J, **Schiller JR**. Patient Comprehension of Hip Arthroscopy: An Investigation of Health Literacy. In preparation for re-submission.
4. Shah KN, Hodax JD, Hayes L, **Schiller JR**, Cruz Jr. AI. Obesity is Associated with Increased Rates of Operative Management Pediatric Ankle Fractures. Submitted Journal of Pediatric Orthopedics, November 2018, **In review**.
5. Cohen B, **Schiller JR**. “Hip Arthroscopy”. Outlines in Orthopedic Surgery, Section 5, Chapter 19. Valentin Antoci, Adam EM Eltorai, eds. Thieme Publishers Editorial Services, **In print**.

INVITED PRESENTATIONS

INTERNATIONAL PODIUM PRESENTATIONS

1. **Schiller JR**, Moore DC, Ehrlich MG. Increased distraction rate decreases expression of angiogenic and osteogenic growth factors in distraction osteogenesis. Pediatric Orthopedic Society of North America Annual Meeting, Amelia Island, FL, May 2003
2. **Schiller JR**, Brooks JJ, Sonenblum SE, Moore DM, Crisco JJ, Akelman E. Three-dimensional carpal kinematics after carpal tunnel release. American Society for Surgery of the Hand Annual Meeting, Seattle, Washington, September 2007
3. **Schiller JR**, Moore DC, Heard WMR, Eberson CP, Ehrlich MG. Cbfa-1, Sox-9, HIF-1, and Oxa-1 expression in a rat model of distraction osteogenesis. American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, Louisiana, March 2010
4. Garg S, Weller AL, Fletcher ND, Kwon MS, Larson AN, **Schiller JR**, Ho CA, Copley LAB. What is the Morbidity rate of supracondylar elbow fractures in children? American Academy of Orthopedic Surgeons Annual Meeting, San Diego, California, February 2011
5. Larson AN, Weller AL, Garg S, Fletcher ND, Kwon MS, **Schiller JR**, Ho CA. Type 2 supracondylar fractures: Does time to surgery matter? American Academy of Orthopedic Surgeons Annual Meeting, San Diego, California, February 2011
6. Birch JG, Browne RH, DeLaRocha A, **Schiller JR**, Khaleel MA. Precocious Appearance of the Capital Femoral Ossific Nucleus in Larsen Syndrome. European Pediatric Orthopedic Society, Basel, Switzerland, April 2011

7. **Schiller JR**, Johnston CE II, Karol LA, Tulchin K, Daniel C. Treatment of congenital pseudarthrosis of the tibia: A long term function study. Pediatric Orthopedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 2011
8. Larson AN, Weller AL, Garg S, Fletcher ND, Kwon MS, **Schiller JR**, Ho CA. Type 2 supracondylar fractures: Does time to surgery matter? Pediatric Orthopedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 2011
9. Sucato DJ, McClung A, Garg S, **Schiller JR**, Saran N, Thawrani D. 10 Year Outcome of Patients following Initial AIS Surgery: Comparison of Single Surgery and Revision Surgery. Pediatric Orthopedic Society of North America Annual Meeting, Denver, CO, May 2012
10. Hsu R, Lareau C, Kim J, Koruprolu S, Born C, **Schiller JR**. The Effect of C-Arm Orientation on Radiation Exposure during Supracondylar Humerus Fracture Fixation. American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, LA, March 2014

NATIONAL PODIUM PRESENTATIONS

1. Larson AN, Weller AL, Garg S, Fletcher ND, Kwon MS, **Schiller JR**, Ho CA. Type 2 supracondylar fractures: Does time to surgery matter? Orthopedic Trauma Association, 27th Annual Meeting, San Antonio, TX, October 2011
2. Weller AL, Garg S, Larson AN, Fletcher ND, **Schiller JR**, Kwon MS, Ho CA, Copley L. Management of the Pulseless Supracondylar Humerus Fracture: Is Vascular Exploration Necessary? Orthopedic Trauma Association, 27th Annual Meeting, San Antonio, TX, October 2011
3. Spenciner D, Moinfar A, **Schiller JR**. Biomechanical Properties of a Bioabsorbable Suture Anchor Using an in vivo Ovine Model. The Clinical Orthopedic Society 101st Annual Meeting, Buffalo, NY, September 2013
4. **Schiller JR**. Ring 18 – Return of the Dislocated Hip. 11th Annual Fall Orthopedic Symposium, Texas Scottish Rite Hospital for Children, Dallas, TX, October 2014
5. DeFroda SF, Gil JA, Shah KN, Li N, Cruz AI, **Schiller JR**. Seasonal Variation in Lyme Arthritis Evaluated in a Northeastern State with a Single Pediatric Emergency Department. American Academy of Pediatrics National Conference, San Francisco, California, October 2016
6. Shah K, Hodax, J, Hayes L, **Schiller JR**, Cruz Jr, AI. Childhood Obesity Increases the Need for Reduction and Operative Management of Ankle Fractures. American Academy of Pediatrics National Conference and Exhibition, Chicago, Illinois, September 2017

INTERNATIONAL POSTER PRESENTATIONS

1. **Schiller JR**, Moore DC, Ehrlich MG. Increased distraction rate decreases expression of angiogenic and osteogenic growth factors in distraction osteogenesis. Orthopedic Research Society Annual Meeting, San Francisco, California, February 2004
2. **Schiller JR**, Brooks JJ, Moore DM, Crisco JJ, Akelman E. Three-dimensional carpal kinematics after carpal tunnel release. American Academy of Orthopedic Surgeons Annual Meeting, Las Vegas, Nevada, February 2009

3. **Schiller JR**, Brooks JJ, Moore DM, Crisco JJ, Akelman E. Three-dimensional carpal kinematics after carpal tunnel release. Orthopedic Research Society Annual Meeting, Las Vegas, Nevada, February 2009
4. Weller AL, Garg S, Larson AN, Fletcher ND, **Schiller JR**, Kwon MS, Ho CA, Copley L. Management of the Pulseless Supracondylar Humerus Fracture: Is Vascular Exploration Necessary? Pediatric Orthopaedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 2011
5. Fletcher ND, **Schiller JR**, Garg S, Weller AL, Larson AN, Kwon MS, Copley L, Ho CA. Increased Severity of Type III Supracondylar Humerus Fractures in the Pre-Teen Population. Pediatric Orthopedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 2011
6. Weller AL, Garg S, Larson AN, Fletcher ND, **Schiller JR**, Kwon MS, Ho CA, Copley L. Retrospective Review of Peripheral Nerve Injuries in Pediatric Supracondylar Humerus Fractures. Pediatric Orthopedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 2011
7. Sawyer GA, Anderson BC, Paller D, **Schiller JR**, Eberson CP, Hulstyn, MJ. “Arthroscopic Suture Bridge Fixation of Tibial Eminence Fractures: A New Surgical Technique and Biomechanical Analysis”, Orthopedic Research Society Annual Meeting, San Francisco, California, February 2012
8. Sawyer GA, Anderson BC, Paller D, **Schiller JR**, Eberson CP, Hulstyn, MJ. “Biomechanical Analysis of Suture Bridge Fixation for Tibial Eminence Fractures”, Arthroscopy Association of North America Annual Meeting, Orlando, Florida, May 2012
9. Waryasz GR, Gil JA, Chiou D, Ramos P, **Schiller JR**, DaSilva MF. “Patient Comprehension of Carpal Tunnel Surgery: An Investigation of Health Literacy”, American Association for Hand Surgery Annual Meeting, Scottsdale, Arizona, January 2016
10. Waryasz GR, Gil JA, **Schiller JR**. “Patient Comprehension of Hip Arthroscopy: An Investigation of Health Literacy”, International Society for Hip Arthroscopy Annual Scientific Meeting, San Francisco, California, September 2016

NATIONAL POSTER PRESENTATIONS

1. **Schiller JR**, Karol LA, Johnston CE. “Treatment of congenital pseudarthrosis of the tibia (CPT). A long-term function study”, The 32nd Annual Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital for Children, Dallas, Texas, April 2010
2. Fletcher ND, **Schiller JR**, Garg S, Weller AL, Larson AN, Kwon MS, Copley L, Ho CA. Increased Severity of Type III Supracondylar Humerus Fractures in the Pre-Teen Population. Orthopedic Trauma Association, 27th Annual Meeting, San Antonio, Texas, October 2011
3. Pidgeon TS, **Schiller JR**. “The Long Leg Cast with Pelvic Band: A Novel Approach to Treatment of Pediatric Femur Fractures”, 15th Annual John M. Templeton Jr. Pediatric Trauma Symposium, Pittsburgh, Pennsylvania, March 2015

4. Shah KN, DeFroda SF, Gil JA, Li N, Cruz AI, **Schiller JR**. Serum inflammatory markers and synovial fluid analysis in pediatric patients with Lyme arthritis vs septic arthritis of the knee. American Academy of Pediatrics National Conference. San Francisco, California, USA. October 2016

REGIONAL PODIUM/POSTER/TEACHING PRESENTATIONS

1. “Management Orthopedic Trauma,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Pediatric Surgery Teaching Conference Lecture, June 2004
2. “Anatomy of the Forearm,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference Anatomy Prosection, September 2004
3. “Anatomy of the Pelvis,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference Anatomy Prosection, September 2004
4. “Neuropathic Arthropathy,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery Adult Reconstruction Conference, April 2005
5. “Orthopedic Management of Compartment Syndrome,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference Lecture, August 2005
6. “Anatomy of the Hip,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference Anatomy Prosection, September 2005
7. “Growth and Formation of the Physis,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Basic Science Grand Rounds, October 2005
8. **Schiller JR**, Moore DC, Ehrlich MG. Increased distraction rate decreases expression of angiogenic and osteogenic growth factors in distraction osteogenesis. New England OREF Resident Research Symposium, Massachusetts General Hospital, May 2005
9. “Pediatric Elbow,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference, April 2006
10. “Anatomy of the Foot and Ankle,” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Teaching Conference Anatomy Prosection, September 2006
11. “Articular Cartilage Repair and Osteoarthritis” Brown Medical School/Rhode Island Hospital Department of Orthopedic Surgery, Resident Basic Science Grand Rounds, December 2006
12. “Arthritis and Adult Reconstruction Surgery” Lincoln Middle School Eighth Grade, Lincoln, Rhode Island, Industrial Arts, Health, and Technology Project, February 2007
13. “Quadrupeds to Biped: Orthopedic Implications of Walking Upright” Warren Alpert Medical School of Brown University/Rhode Island Hospital Department of Orthopedic Surgery, Orthopedic Grand Rounds, May 2007
14. “Little League Injury Prevention” Warwick Little League Association, Warwick, Rhode Island, June 2007
15. “Orthopedic Surgery as a Career” Brown Alpert Medical School, Surgery Interest Group, Providence, Rhode Island, February 2008
16. “Cbfa-1, Sox-9, Osx-1, and HIF-1 α Expression in a Limb Lengthening Model” Warren Alpert Medical School of Brown University/Rhode Island Hospital Department of Orthopedic Surgery, 47th Danforth Oration, May 2009
17. “Deformity with Bone Loss – How to Fix,” Sixth Annual Fall Spine Symposium, Texas Scottish Rite Hospital for Children, Dallas, Texas, October 2009

18. "Small Child, Small Spine – How to Fix," Sixth Annual Fall Spine Symposium, Texas Scottish Rite Hospital for Children, Dallas, Texas, October 2009
19. "Arthrogyposis, Down Syndrome, and Marfans", Pediatric Orthopedic Conference, Texas Scottish Rite Hospital for Children, Dallas, Texas, October 2009
20. "Duchenne Muscular Dystrophy, The Orthopedist Role", Invited Lecture Series: Rhode Island Chapter of the American Physical Therapy Association, Medical and Orthopedic Management of Muscular Dystrophy, Providence, Rhode Island, November 2011
21. "Evaluating the Painful Hip", Pediatric Grand Rounds, Hasbro Children's Hospital and Rhode Island Hospital, Providence, Rhode Island, February 2012
22. "Longitudinal Deficiencies of the Lower Extremity", MADAM Conference, Women and Infants Hospital, Providence, Rhode Island, March 2012
23. "The Physician-Patient Relationship", Whole Patient Program Lecture Series, PLME Program, Brown University and The Warren Alpert Medical School of Brown University, Providence, Rhode Island, April 2012
24. "Femoral Acetabular Impingement and Hip Arthroscopy", Invited Lecture Series, Rhode Island Chapter of the American Physical Therapy Association Current Concepts in Surgical Intervention and Post-Operative Rehabilitation for Selected Hip Disorders, April 2012
25. "Acute Management of Orthopedic Sports Trauma", Pediatric Trauma Symposium, Hasbro Children's Hospital, Providence, Rhode Island, November 2012
26. "The Infant Hip - Developmental Dysplasia of the Hip", Primary Care Management of the Pediatric Orthopedic Patient, The Westin Hotel, Providence, Rhode Island, December 2012
27. "The Pediatric Hip – Perthes, Slipped Capital Femoral Epiphysis, and Beyond", Primary Care Management of the Pediatric Orthopedic Patient, The Westin Hotel, Providence, Rhode Island, December 2012
28. "Sports Symposium – Hip Problems in the Pediatric Athlete", Primary Care Management of the Pediatric Orthopedic Patient, The Westin Hotel, Providence, Rhode Island, December 2012
29. "Arthroscopic Hip Surgery for the Engineer", Summer Course, Depuy Mitek, Raynham, Massachusetts, August-September 2013
30. "Pediatric Foot Disorders", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2013
31. "Pediatric Lower Extremity Trauma", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2013
32. "Hip Disease in the Young Adult", Current Trends in the Treatment of the Adult Orthopedic Patient for the Primary Care Provider, The Omni Providence Hotel, Providence, Rhode Island, November 2013
33. "FAI Pathology and Surgical Management", New England Sports and Orthopedic Rehabilitation Summit 2014, Advances in Rehabilitation of the Lower Extremity, Warren Alpert Medical School of Brown University, Providence, Rhode Island, April 2014
34. "Neuromuscular Disorders", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2014
35. "Pediatric Lower Extremity Trauma", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2014

36. "Introduction to Pediatric Orthopedics", Life-Long Care of the Orthopedic Patient, The Total Joint Center at The Miriam Hospital, Providence, Rhode Island, November 2014
37. "Hip Arthroscopy Evolution and Lessons Learned to Avoid Complications", 3RD Annual New England Sports and Orthopedic Rehabilitation Summit 2015, Rehabilitation Considerations for the Complex Patient, Warren Alpert Medical School of Brown University, Providence, Rhode Island, April 2015
38. "Angular Deformities and Limb Length Discrepancy of the Lower Extremities", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2016
39. "Developmental Dysplasia of the Hip", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2016
40. "Pelvic Osteotomies", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2016
41. "Pediatric Lower Extremity Fractures", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2016
42. "Pelvic Osteotomies", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2017
43. "Pediatric Lower Extremity Fractures", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, October 2017
44. "Hip Impingement and Arthritis: Preservation or Total Hip Arthroplasty", Annual Brown Orthopedics Symposium, Current Topics in Lower Extremity Orthopedics and Musculoskeletal Examination, Warren Alpert Medical School of Brown University, Providence, Rhode Island, November 2017
45. "Hip Arthroscopy", Sports Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, February 2018
46. "Pediatric Hip Considerations", 6th Annual New England Sports and Orthopedic Rehabilitation Summit 2018, Hip Management, Preservation, Rehabilitation, and Surgery Throughout the Lifespan, Warren Alpert Medical School of Brown University, Providence, Rhode Island, April 2018
47. "The Pediatric Flatfoot", Pediatric and Adolescent Foot and Ankle: Diagnosis and Management, Annual Brown Orthopedics Symposium, Warren Alpert Medical School of Brown University, Providence, Rhode Island, November 2018
48. "Pelvic Osteotomies", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, November 2018
49. "Angular Deformities and Limb Length Discrepancy of the Lower Extremities", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, November 2018
50. "Neuromuscular Disorders", Pediatric Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, November 2018
51. "Cervical Spine Problems in the Pediatric Population", Alignment, Movement, and Function Cervical Spine, RIAPTA Lecture Series, East Greenwich, Rhode Island, January 2019
52. "Hip Arthroscopy", Adult Reconstruction Curriculum Conference, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, February 2019

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

Faculty Mentor, Physician Shadowing and Visitation Experience Pre-College Course, Julianne Ip, MD Director, School of Professional Studies, Brown University and Alpert Medical School of Brown University, Providence, RI, 2015-present

Lecturer, Whole Patient Program Lecture Series, PLME Program, “The Physician-Patient Relationship”, Brown University and Alpert Medical School of Brown University, Providence, RI, April 2012

Lecturer, “Orthopedic Surgery as a Career” Brown Alpert Medical School, Surgery Interest Group, Providence, Rhode Island, February 2008

GRADUATE MEDICAL EDUCATION, ADVISING and MENTORING ROLES

Instructor, Pediatric and Adolescent Foot and Ankle: Diagnosis and Management, Annual Brown Orthopedics Symposium, Warren Alpert Medical School of Brown University, Providence, Rhode Island, November 2018

Elective Director, Ortho-3975 Primary Care Orthopedics, Warren Alpert Medical School of Brown University, Providence, RI, 2012-2017, average elective enrollment: 10

At the request of Julie Taylor, MD, I designed and supervised curriculum for a spring two-week elective at the Brown Alpert Medical School for fourth year medical students intending to practice in the fields of internal medicine and family practice. The two-week elective rotated students through each subspecialty in orthopedics in order to expand their knowledge of musculoskeletal medicine. Attending surgeons in the Department of Orthopedics provided the “top ten things to know” within each subspecialty, educating students on physical exam skills, diagnosis, and treatment, with an emphasis on primary care management.

Students were encouraged to ask questions pertinent to their future discipline. The elective expanded beyond future primary care physicians, including students intending to match in Plastic Surgery, General Surgery, Pediatrics, Emergency Medicine and Neurosurgery. The elective was forced to discontinue as a result of the number of students from outside the intended primary care pathway and the expansion of the Pediatric Orthopedic Surgery elective.

Course Instructor, Ortho-3990 Pediatric Orthopedic Surgery, Warren Alpert Medical School of Brown University, Providence, RI, 2016-present

Lecturer, Resident Core Curriculum, Department of Orthopedics, Brown Alpert Medical School/Rhode Island Hospital/Hasbro Children’s Hospital, 2010-present

Lecturer, “Evaluating the Painful Hip”, Pediatric Grand Rounds, Hasbro Children’s Hospital and Rhode Island Hospital, Providence, Rhode Island, February 2012

Lecturer, “Longitudinal Deficiencies of the Lower Extremity”, MADAM Conference, Women and Infants Hospital, Providence, Rhode Island, March 2012

Lecturer, “Quadrupeds to Biped: Orthopedic Implications of Walking Upright” Warren Alpert Medical School of Brown University/Rhode Island Hospital Department of Orthopedic Surgery, Orthopedic Grand Rounds, May 2007

ADDITIONAL TEACHING, ADVISING and MENTORING ROLES

Mentor for College Senior Pre-Med Project: “Orthopedic Surgery”. Central Connecticut State University, New Britain, CT, 2018-present, Student: Patrick Halloran

Mentor for High School Senior Project: “Orthopedic Surgery as a Career”. The Met, Providence, RI, 2018 Student: Amy Salazar

Mentor for High School Senior Project: “Pediatric Orthopedics in the Community” Barrington High School, Barrington, RI, 2018 Student: Hope Robertson

Mentor for College Career Project: “Orthopedic Surgery and Physical Therapy”. Franklin Pierce University, Rindge, NH, 2017-2018 Student: Kathryn Cunningham

Mentor for High School Senior Project: “Orthopedic Surgery as a Career”. The Wheeler School, Providence, RI, 2017 Student: Veta Mayer Lecturer, STEM Fair, “Orthopedic Surgery as a Career”, Seekonk High School, Seekonk, MA, 2015- present

Course Instructor, “Arthroscopic Hip Surgery for the Engineer”, Summer Course, Depuy Mitek, Raynham, Massachusetts, August-September 2013

“Orthopedic Surgery as a Career” Brown Alpert Medical School, Surgery Interest Group, Providence, Rhode Island, February 2008

“Little League Injury Prevention” Warwick Little League Association, Warwick, Rhode Island, June 2007

“Arthritis and Adult Reconstruction Surgery” Lincoln Middle School Eighth Grade, Lincoln, Rhode Island, Industrial Arts, Health, and Technology Project, February 2007

FACULTY DEVELOPMENT

1. Young Member Forum, EPOSNA, First Combined Annual Meeting, Pediatric Orthopedic Society of North America and European Pediatric Orthopedic Society, Barcelona, Spain, May 3-6, 2017.
2. Faculty Development Journal Club, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, January 2018
3. Faculty Development Journal Club, Department of Orthopedics, Warren Alpert Medical School, Providence, Rhode Island, November 2018