

CURRICULUM VITAE
KERWYN C. JONES, M.S., M.D.
Chairman, Department of Orthopedic Surgery
Akron Children's Hospital
Akron, OH

CONTACT INFORMATION

Center for Orthopedic and Sports Medicine
One Perkins Square, Suite 7200
Akron, OH 44308
Phone: 330-543-4670 (Laura)
Fax: 330-543-5001

EDUCATION

University of Pittsburgh, Pittsburgh, Pennsylvania
Duquesne University, Pittsburgh, Pennsylvania
Medical College of Pennsylvania, Philadelphia, Pennsylvania
Cleveland Clinic Foundation, Cleveland, Ohio
Campbell Clinic Foundation, Memphis, Tennessee

Inter Mountain HealthCare Advance Training Program in
Quality and Safety

John Hopkins University Carey School of Business
MS HealthCare Management

B. S. in Biology 5/85
M. S. in Physiology 5/87
M.D. 6/92
Residency Orthopedic Surgery 6/99
Clinical Fellowship in Pediatric
Orthopaedic Surgery 7/30/00

Graduate: 11/2016

Currently deferred after completing
Legal Foundations and Accounting.

BOARD STATUS

American Board of Orthopaedic Surgery Part I; Pass 7/99
American Board of Orthopaedic Surgery Part II; 7/03
Current Diplomat of American Board of Orthopaedic Surgery; 9/03 - present
American Board of Orthopedic Surgery, Subspecialty Certificate in Orthopedic Sports Medicine; 1/08
American Board of Orthopedic Surgery Recertification, Combined General Orthopedics with Subspecialty
Certificate in Orthopedic Sports Medicine; 10/12

LICENSURE

Medical License State of Ohio

PRESENT POSITION

Staff Surgeon, Children's Orthopedic Surgery Associates Pediatric Surgeon (07/01)
Akron Children's Hospital

Associate Clinical Professor
Department of Orthopaedic Surgery
Northeastern Ohio Medical University
Rootstown, Ohio 3/12

Physician Lead Surgical Quality, Akron Children's Hospital, (7/17 – present)

PREVIOUS POSITIONS

Chairman, Department of Orthopedic Surgery, Akron Children's Hospital (7/12 – 9/19)

Assistant Professor, SIU School of Medicine

Dept. of Surgery; Division of Orthopedics and Rehabilitation: Clinical and academic practice consisting of exclusively Pediatric Orthopaedic Surgery, 2000-2001

Assistant Chairman, Department of Orthopedic Surgery, Akron Children's Hospital (11/07 – 6/12)

Director, Pediatric Orthopedic Education, Akron Children's Hospital (1/05 – 6/12)

AWARDS

Cleveland Magazine Best Docs in Orthopedics, 2015

Cleveland Magazine Best Docs in Orthopedics, 2016

Cleveland Magazine Best Docs in Orthopedics, 2017

Cleveland Magazine Best Docs in Orthopedics, 2018

Akron Children's Hospital Exceptional Excellence in Sports Medicine, 2017

GRANTS AWARDED

Mid-America Orthopaedic Association First Year in Orthopedics Travel Grant, awarded for travel to and participation in the annual meeting, Amelia Island, Florida 4/01

Akron Children's Hospital Foundation Research Grant, *All-Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study*, 2010; **\$11,000**

Austin Bioinnovation Institute of Akron Grant, *Computational Reconstruction of In Vivo Patellofemoral Function*. 2011; **\$30,000**

2015 POSNA Basic Science Research Grant;

Dynamic Analysis of Anatomical Parameters that Limit the Effectiveness of MPFL Reconstructions in Pediatric Patellar Instability, K. Jones, MD, John Elias, PhD, M. Morscher, BS, PT. **\$30,000**

NIH Grant/ R21, 1R21AR069150-01A1, *Computational Simulation of Dynamic Motion for Knees with Patellar Instability to Compare MPFL Reconstruction to Tibial Tuberosity Medialization as a Function of Knee Anatomy*. Award date 7/11/16. **\$175,486** year 1, **\$141,003** Year 2

Akron Children's Hospital Foundation Research Grant, *Understanding Pediatric Post-surgical Pain Management*, 2018, **\$30,000**

NATIONAL PRESENTATIONS

1. **Jones, K., Weiner, D.,** *Efficacy of Closed Reduction of Forearm Fractures in Pediatric Patients: A Plea for Conservatism*, Kerwyn C. Jones, M.D., Dennis Weiner, M.D., Annual Meeting of the American Academy of Pediatrics, Orthopaedic Section, New Orleans, Louisiana. 11/97
2. **Jones, K., Weiner, D.,** *The Management of Forearm Fractures in Children: A Plea for Conservatism*, Seventeenth Annual Meeting of the Mid-America Orthopaedic Association, Bermuda 04/99:
3. **Jones, K., Weiner, D.,** *Long Term Results of Combined Tarsometatarsal Mobilization and Anterior Tibial Tendon Transfer for Residual Adductovarus Deformity in Children*, Seventeenth Annual Meeting of the Mid-America Orthopaedic Association, Bermuda 4/99
4. **Jones, K., Weiner, D.,** *Septic Hip Arthritis in Children: Four Decades of Treatment*, Eighteenth Annual Meeting of the Mid-America Orthopaedic Association, Scottsdale, Arizona 4/00:

5. **Jones, K.,** *Pediatric Foot Deformities*, American Orthopedic Foot and Ankle Society Review Course, Cleveland, Ohio 9/01
6. **Jones, K.,** Weiner, D., *The Modified Heyman-Herndon Procedure for Treatment of Residual Clubfoot Deformity*, Twentieth Annual Meeting of the Mid-America Orthopaedic Association, Tucson, Arizona 4/02
7. **Jones, K.,** Sickel, D., Weiner, D., *Management of Monteggia Fractures in Children*, Annual meeting Mid-America Orthopaedic Association, Hilton Head, South Carolina 4/03
8. **Jones K,** Sickel D, Weiner, D, *Management of Monteggia Fractures in Children*, Pediatric Orthopedic Society of North America, St. Louis, Missouri 4/04:
9. **Jones K,** Sickel D, Weiner, D, *Management of Monteggia Fractures in Children*, American Academy of Pediatrics, Orthopedic Section, San Francisco, CA 10/04
10. Templin, D., **Jones, K.,** Weiner, D., *The Incorporation of Allogenic and Autogenous Bone for Lateral Column Lengthening in Children*, American Academy of Pediatrics, Orthopedic Association, San Francisco, CA 10/04
11. **Jones, K.,** Weiner, D., *Clubfoot and Down's Syndrome*, American Academy of Pediatrics, Orthopedic Section, San Francisco, CA 10/04
12. Templin, D., **Jones, K.,** Weiner, D., *The Incorporation of Allogenic and Autogenous Bone for Lateral Column Lengthening in Children*, Mid-America Orthopedic Association, Amelia Island, FL 4/05
13. Heiney, J., **Jones, K.,** Weiner, D., *Surgical Management of Patellofemoral Subluxation*, Mid-America Orthopedic Association 4/06
14. **Jones, K.,** Heiney, J., Weiner, D. *Surgical Outcomes for Patellar Instability in Pediatric Patients*, Pediatric Orthopedic Association of North America, San Diego, CA 5/04/06
15. **Jones, K.,** *Sports Injuries in Children and Adolescents*, National Association of Orthopedic Nurses, 27th Annual Congress, St. Louis, MO 5/23/07
16. Rozanski, A., **Jones, K.,** *Gortex vs. Traditional Cast Padding After Closed Reduction of Displaced Distal Radius Fractures in Children: A Retrospective Review*, American Academy of Pediatrics National Conference and Exhibition, Orthopedic Section, San Francisco, CA, 10/07
17. **Jones, K.,** *Clinical Scaphoid Fractures in Children*, American Academy of Pediatrics National Conference and Exhibition, Orthopedic Section, San Francisco, CA, 10/07
18. **Jones, K.,** *Complications and Pitfalls of Pediatric Fractures*, National Association of Orthopedic Nurses, 28th. Annual Congress, San Jose, CA, 05/08
19. *Best of POSNA*, Scientific Exhibit, American Academy of Orthopedic Surgeons (AAOS), Annual Meeting, New Orleans, LA, 3/10
20. *Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study*, American Academy of Pediatrics, Orthopedic Section, Boston, MA, 10/15/11
21. **Jones, K.,** Johnson, J., Moen, S., Jacquet, R., Morscher, M., Klonk, C., Landis, W., *Gene Expression Differences in Young Male and Female Ruptured Anterior Cruciate Ligament Tissue*, Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, CA., 4/14
22. **Jones, K.,** *Pelvis Avulsion Fractures: When is Surgery Indicated?* Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, CA., 4/14
23. **Jones, K.,** Bouton, D., Morscher, M., Steiner, R., Watters, A., Leibig, C., Adamczyk, M., *College Athletes' Perception of Anterior Cruciate Ligament Injuries and Subsequent Reconstruction*, American Academy of Pediatrics Scientific Program, Orthopedic Section, Washington, DC 10/15
24. **Jones, K.,** *Diagnosis and Treatment of Pediatric Septic Hips: Is There Consensus?* American Academy of Pediatrics Scientific Program, Orthopedic Section. Washington, DC 10/15
25. **Jones, K.,** *Dynamic Analysis of Surgical Stabilization for Pediatric Patellar Instability*, Pediatric Orthopedic Society/ European Pediatric Orthopedic Society Annual Meeting, Barcelona, Spain, May 6,2017.
26. **Jones, K.,** *Opiate Response and Metabolism in Children*, Pediatric Orthopedic Society of North America, Austin, Texas, May 10,2018.
27. **Jones, K.,** *Opioid Reduction through Postoperative Pain Management in Pediatric Orthopedic Surgery*, Meeting changed to virtual due to COVID-19 pandemic, May 14, 2020.

NATIONAL PRESENTATIONS IN ABSENTIA

1. Weiner, D., **Jones, K.**, *Long Term Results of Combined Tarsometatarsal Mobilization and Anterior Tibial Tendon Transfer for Residual Adductovarus Deformity in Children*, Seventeenth Annual Meeting of the Mid-America Orthopaedic Association, Bermuda 04/99
2. Weiner, D., **Jones, K.**, *Long Term Results of Combined Tarsometatarsal Mobilization and Anterior Tibial Tendon Transfer for Residual Adductovarus Deformity in Children*, Annual Meeting of the American Academy of Pediatrics, Orthopedic section, Washington, D.C., 11/99
3. **Jones, K.**, Adamczyk, M., Weiner, D., *Supramalleolar Osteotomy as a Treatment for Rigid Foot Deformities in Children*, Annual Meeting of American Academy of Pediatrics, Orthopedic Division, New Orleans, Louisiana 11/03
4. Moen, S, Landis, W, Johnson, J, Jacquet, R, Morscher, M, **Jones, K.**, *Gene Expression Differences in Young Male and Female Ruptured Anterior Cruciate Ligaments*, American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, LA 3/13/13.
5. Razzano, A, Morscher, M, Steiner, R, Eghbal, A, **Jones, K.**, *Indirect Shoulder MRI Arthrography: A Novel Technique in Young Patients*, American Academy of Orthopedic Surgeons Annual Meeting, New Orleans, LA 3/13/13.

POSTERS

1. **Jones, K.**, Kuivila, T., Gurd, A., Andrish, J., *Success of Posterior Spinal Fusion with Cancellous Allograft Bone in Adolescent Idiopathic Scoliosis*, Twentieth Annual Meeting of The Mid-America Orthopaedic Association, Tucson, Arizona, 4/02:
2. **Jones, K.**, Weiner, D., *Clubfoot Deformity in Down's Syndrome*, M.D. Annual Meeting Mid-America Orthopaedic Association, Hilton Head, South Carolina, 4/03:
3. **Jones, K.**, Templin, D., Weiner, D. *Allograft Versus Autograft for Lateral Column Lengthening in Children*, Annual meeting Pediatric Orthopedic Society of North America, Ottawa, Canada, 5/05:
4. Rozansky, A., Adamczyk, M., Schrader, w., Riley, P., Weiner, D Wasserman, H., Morscher, M, **Jones, K.**, *Gore-Tex vs. Traditional Cast Padding after Closed Reduction of Displaced Distal Radius Fractures in Children: A Retrospective Review*, Pediatric Orthopedic Society of North America Annual Meeting, Albuquerque, New Mexico, 05/08
5. Stonestreet, M., **Jones, K** Kirkpatrick, M., Shah, K., Frampton, C. , Morscher, M., Elias, J., **All-Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study.** Matthew J. Stonestreet, Orthopedic Research Society Annual Meeting, San Diego, CA, 1/13/11
6. Stonestreet, M., **Jones, K.** Kirkpatrick, M., Shah, K., Frampton, c., Morscher, M., Elias, J., **All-Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study.** American Academy of Orthopedic Surgeons Annual Meeting, San Diego, CA, 2/11
7. Stonestreet, M., **Jones, K.**, Kirkpatrick, M., Shah, K., Frampton, C., Morscher, M., Elias, J., **All-Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study,** Pediatric Orthopedic Society of North America Annual Meeting, Montreal, Canada, 5/11
8. **Jones, K.**, Razzano Jr., A., Morscher, M., Steiner, R., Eghbal, A., e-poster: **Indirect Shoulder Magnetic Resonance Arthrography: A Technique for Identifying Labral Pathology in Young Patients.** Pediatric Orthopaedic Society of North America Annual Meeting, Hollywood, CA, 04/14
9. Smith, B., Millar, E., **Jones, K.**, Elias, J. **Influence of Knee Alignment on Tibial Tuberosity to Trochlear Groove Distance.** Orthopedic Research Society, Orlando, Florida, March 5-8, 2016

INVITED VISITING PROFESSORSHIPS

1. Orlando Health/ Arnold Palmer Children's Hospital, Dept. of Orthopedic Surgery Grand Rounds, *"ACL Tears in the Skeletally Immature*, Orlando, Florida 5/16/12

2. Visiting Professorship: Cincinnati Children's Hospital/ University of Cincinnati College of Medicine, Department of Surgical Services/ Division of Pediatric Orthopedic Surgery, May 21, 2014.

JOURNAL PUBLICATIONS

1. **Jones, K.,** Weiner, D., *The Management of Forearm Fractures in Children: A Plea for Conservatism*, Journal of Pediatric Orthopaedics, Vol. 19, No. 6, Nov./Dec. 1999, pp 811-815.
2. Canale, S., **Jones, K.,** *Hip Fractures in Children*, Current Orthopaedics, Churchill Livingstone Publishers, Edinburgh, UK., June 2001
3. **Jones, K,** Andrish, J., Kuivila, T., Gurd, A., *An Assessment of Freeze Dried Cancellous Allograft Bone for Posterior Spinal Fusion in Pediatric Idiopathic Scoliosis*, Journal of Pediatric Orthopaedics, Vol. 22, No. 3, May/June 2002, pp 285-289.
4. Templin, D., **Jones, K.,** Weiner, D., *The Incorporation of Allogenic and Autogenous Bone Grafts in Healing of Lateral Column Lengthening of the Calcaneus*, The Journal of Foot and Ankle Surgery, Vol. 47, No. 4, July/Aug 2008, pp 283-287.
5. Nelman, K., Weiner, D., Morscher, M., **Jones, K.,** *Multiplanar Supramalleolar Osteotomy in the Management of Complex Rigid Foot Deformities in Children*, Children's, Journal of Children's Orthopedics, Vol. 3, No. 1, pp 39-46.
6. Stonestreet, M., **Jones, K.,** Kirkpatrick, M., Shah, K., Frampton, C., Morscher, M., Elias, J., *All-Epiphyseal ACL Reconstruction Improves Tibiofemoral Contact: An In Vitro Study*, J. Pediatr Orthop, Vol 32, Number 1, January/ February, 2012, pp 15-20.
7. Adamczyk, M., Riley, P., **Jones, K.,** Fleissner, P., Ritzman, T., Bono, K., *A Comparison of Fluoroscopic and Fluoroscopic Assisted Guidance System for Percutaneous Pinning of Slipped Capital Femoral Epiphysis*, Accepted for publication to Journal of Pediatric Orthopedics
8. Elias, J., Kirkpatrick, J., Stonestreet, M., Shah, K., Frampton C., Morscher M., **Jones K.,** *Limited Benefit of Hamstrings Forces for the ACL Deficient Knee*, C Akron General Medical Center, Akron, OH, Children's Hospital Medical Center of Akron, Akron, OH, Proc Inst Mech Eng H. 2012 Oct;226(10):752-8.
9. Weiner, D, **Jones, K.,** Dicintio, J. *Management of the Rigid Canvus Foot in Children and Adolescents*. Foot and Ankle Clin. 2013 Dec; 18(4):727-41. doi: 10.1016/j.fcl/2013.08.007. Epub 2013 Sep 26.
10. Bono, K., Rubin, M, **Jones, K.,** Riley, PM, Ritzman T., Schrader, W., Fleissner, P., Steiner R., Morscher, M., Adamczyk, M. *A Prospective Comparison of Computer-Navigated and Fluoroscopic-Guided In-Situ Fixation of Slipped Capital Femoral Epiphysis*. J. Pediatric Orthopedic 2013 Mar; 33(2):128-34. Doi: 10.1097/BPO.0b013e318274561b.
11. Biyani, R., Eias, J., Feng, H., Guseila, L., **Jones, K.,** Morscher, M., Saranathan, A., *Anatomical factors influencing patellar tracking in the unstable patellofemoral joint*, Journal Knee Surgery Sports Traumatology Arthroscopy : Volume 22, Issue 10 (2014), Page 2334-2341 DOI 10.1007/s00167-0143195-y
12. Johnson JS, Morscher MA, **Jones KC,** Moen SM, Klonk CJ, Jacquet R, Landis WJ. *Gene expression differences between ruptured anterior cruciate ligaments in young male and female subjects*. J Bone Joint Surg Am. 2015 Jan 7;97(1):71-9. PMID:25568397
13. Jain AL, **Jones KC,** Simon J, Patterson MD., *The Impact of a Daily Preoperative Surgical Huddle on Interruptions, Delays and Surgeon Satisfaction in an Operating Room; A Prospective Study*, Patient Saf. Surg. 2015 Feb 21;9:8. Doi 10.1186
14. Sawyer JR, **Jones KC,** Copley LA, Chambers S, *Pediatric Orthopaedic Workforce in 2014: Current Workforce and Projections for the Future*, POSNA Practice Management Committee, J Pediatric Orthopedics
15. *Smith, B., Millar, E., Jones, KC.,* Elias, J. *Variations in Tibial Tuberosity to Trochlear Groove and Posterior Cruciate Ligament Distance due to Tibial External and Valgus Rotations*. The Journal of Knee Surgery, June 20, 2017.
16. Bent, M., Hennrikus, W., Latorre, J., Armstrong, D; Shaw, B; **Jones, K.,** Segal, L. *Role of Computed Tomography in the Classification of Pediatric Pelvic Fractures – Revisited*, Orthopedic Trauma. Volume 31, Number 7, July 2017
17. Elias, JJ, **Jones, KC,** Lalonde, MK, Gabra, JN, Rezvanifar, SC, Cosageria, AJ, *Allowing One Quadrant of Patellar Translation During Medial Patellofemoral Ligament Reconstruction*

- Successfully Limits Maltracking Without Overconstraining the Patella*, Knee Surg Sports Traumatol Arthrosc, Nov 2017, (10), 2883 -2890.
18. Elias, JJ, **Jones, KC**, Rezvanifar, SC, Gabra, JN, Morscher, MA, Cosgarea, AJ, **Dynamic Tracking Influenced by Anatomy Following Medial Patellofemoral Ligament Reconstruction: Computational Simulation**, Knee, 2018, Vol 25 (2), 262-270.
 19. Elias, JJ, **Jones, KC**, Copa, AJ, Cosgarea, AJ **Computational Simulation of Medial versus Anteromedial Tibial Tuberosity Transfer for Patellar Instability**, J Orthop Res. 2018 Jul 19. J Ortho Res, 2018, December (12), 3231 – 3238.
 20. **Jones, KC**, Ritzman, T, **Perioperative Safety: Keeping Our Children Safe in the Operating Room**, Ortho Clinic N America, Oct 2018 (9), 4, 465 -76.
 21. Rezvanifar SC, Flesher BL, **Jones KC**, Elias JJ. **Lateral patellar maltracking due to trochlear dysplasia: A computational study**. Knee. 2019 Nov 28. pii: S0968-0160(19)30260-1
 22. JJ Elias, MJ Tanaka, **KC Jones**, AJ Cosgarea, **Tibial Tubercle Anteromedialization versus Medial Patellofemoral Ligament Reconstruction for Treatment of Patellar Instability Related to Malalignment: Computational Simulation**, Clinic Biomech, 2020, April (74), 111 – 117.

SUBMITTED JOURNAL ARTICLES (awaiting review)

1. **Jones, K**, Bigham, M, Engler, L, Fonte, E, Farid, I. **Opioid Reduction through Postoperative Pain Management in Pediatric Orthopedic Surgery**, J of Pediatrics.

AUTHORSHIP: BOOKS AND CHAPTERS

1. **Musculoskeletal Medicine Editor: Joseph Bernstein, MD, MS., Basic Science Section co-editor: Kerwyn Jones, MD.**, American Academy of Orthopedic Surgeons, American Academy of Family Physicians, American Academy of Pediatrics. A core text for medical students to be used during musculoskeletal rotations. This includes a hardback book and a supplemental CD, Publisher: American Academy of Orthopedic Surgeons, pp 3-68, Copyright 2003
2. **Musculoskeletal Medicine, Chapter 13, Metabolic Bone Disease: Kerwyn Jones, M.D., Contributing author**, American Academy of Orthopedic Surgeons, pp 143-152, Copyright 2003.
3. **Pediatric Orthopedics for Primary Care Physicians, 2nd Edition Editor: Dennis S. Weiner, M.D., Assistant Editor: Kerwyn C. Jones, M.D.;** A textbook for primary care physicians regarding the diagnosis and management of pediatric orthopedic problems. Cambridge University Press, Copyright 2004.
4. **Essentials of Musculoskeletal Care, 3rd edition, Kerwyn Jones, MD Section Reviewer**, Pediatric Orthopedics. Publisher: American Academy of Orthopedic Surgeons, Copyright 2005.
5. **Pediatric Orthopedics for Primary Care, American Academy of Pediatrics**, Chapter author: **Back Pain in Children**; American Academy of Pediatrics, formal text and E text, Copyright 2010.
6. **Pediatric Orthopaedics and Sports Injuries: A Quick Reference Guide, 1st edition, Chapter 6; Back Pain: Kerwyn Jones, MD**: American Academy of Pediatrics, 2007
7. **Pediatric Orthopaedics and Sports Injuries: A Quick Reference Guide, Second Edition, Chapter 6; Back Pain: Kerwyn Jones, MD**: American Academy of Pediatrics, 2012
8. **Management of Rigid Cavus Foot in Children and Adolescents: Dennis Wenier, MD, Kerwyn Jones, MD**, Danid Jonah, MA, Foot and Ankle Clinics of North America, Clinics Review Articles December 2013, Vol 18,(4)
9. **Surgical and Non-surgical Management of Monteggia Fractures and Forearm Fractures in Children and Adolescents, Kerwyn Jones, MD**. Chapter author, Contemporary Surgical Management of Fractures & Complications, A descriptive, visual surgical text for common pediatric surgical treatment. Publisher: Jaypee Brothers Medical Publishers LTD, Editor: Herrman, Martin, Copyright 2014, Chpt 5, pgs 97-115
10. **Perioperative Safety: Keeping Our Kids Safe in the Operating Room, Kerwyn Jones and Todd Ritzman**, Orthopedic Clinics, Oct 2018,(49:4), pp. 465 – 476.
11. **Pediatric Orthopedics and Sports Injuries: A Quick Reference Guide; 3rd edition, Back Pain, Kerwyn Jones, MD**: American Academy of Pediatrics, 2019. (Accepted but not yet in print)

LIVE WEBINARS

1. ***Keeping Our Kids Safe In and Around the Operating Room.*** Chair of Webinar: ***Kerwyn Jones***, Pediatric Orthopedic Society of North America QSVI Webinar Series. February 13, 2018
2. ***The Use of Opioid Narcotics Pediatric Orthopedic Patient.*** Pediatric Orthopedic Society of North America Webinar Series. April 10, 2018 Chair of Webinar: Van Bosse, Harold; ***Presenter, Kerwyn Jones, MD*** April 10, 2018.
3. ***Decreasing Postoperative Narcotic Use After Children’s Orthopedic Surgery***, Children’s Surgery Call Series, American College of Surgeons National Surgical Quality Improvement Program, October 10th, 2019.

ONLINE DIGITAL CME COURSE and WEBSITE AUTHORSHIP

1. ***Pediatric Musculoskeletal Medicine: Differential Diagnosis and Assessment of a Limping Child.*** American Academy of Pediatrics, PediaLink Pediatric Musculoskeletal Medicine Course, Jones, Kerwyn, MD, Kimura, Yukiko, MD. An online course for pediatric residents, fellows and pediatricians in practice. 2 hours CME credits available.
2. ***Safe and Effective Alleviation of Pain and Optimal Opioid Stewardship***, David Ring, MD, Kerwyn Jones, MD; Patient Safety Quality Improvement in Orthopaedics, American Academy of Orthopedic Surgery, Quality Section.

ABSTRACT REVIEW

1. Abstract reviewer for **Pediatric Orthopedic Society of North America**, 2007 Annual Meeting (10/06)
2. Abstract reviewer for **Pediatric Orthopedic Society of North America**, 2008 Annual Meeting (10/07)
3. Abstract reviewer for **American Academy of Orthopedic Surgeons** Annual Meeting Pediatric Scientific session (11/09)
4. Abstract reviewer for **American Academy of Orthopedic Surgeons** Annual Meeting Pediatric Scientific session (11/10)
5. Abstract reviewer for **American Academy of Orthopedic Surgeons** Annual Meeting Pediatric Scientific session 11/11)

JOURNAL REVIEWER

Current Orthopedics, pediatric article reviewer, 2009- 2012.

Journal of Bone and Joint Surgery, Case Connector, pediatric article reviewer, 2012 – present.

American Academy of Orthopedic Surgeons Instructional Course Lectures Practice Management series, 2014 – present.

COURSE DIRECTOR/ SYMPOSIUM CHAIR/ INSTRUCTOR

1. **American Academy of Orthopedic Surgeons/ Pediatric Orthopedic Society of North America *Surgical Techniques for Managing Pediatric Sports Injuries***, Orthopedic Learning Center Rosemont, IL, 06/08: Laboratory Instructor

2. **American Academy of Orthopedic Surgeons, Pediatric Orthopedic Society of North America** *Cutting Edge Techniques in Sports Surgery for Children and Adolescents*, Orthopedic Learning Center, Rosemont, IL, 06/10: Laboratory Instructor.
3. **American Academy of Pediatrics** *Practical Pediatrics CME Course*, Vail, CO, 1/17/13: Back Pain in Children: When to Hold and When to Fold, Screening and Early Management of DDH, Bone and Joint Infections of Children
4. **Pediatric Orthopedic Society of North America Annual Meeting, Practice Management Symposium**, Toronto, CA, 5/3/13, Co Chair
5. **Pediatric Orthopedic Society of North America Annual Meeting, Practice Management Symposium, Use of LEAN Principles in Orthopedic Practice**, Toronto, CA, 5/3/13: Presenter
6. **American Academy of Orthopedic Surgeons/ Pediatric Orthopedic Society of North America** *Cutting Edge Techniques in Sports Surgery for Children and Adolescents*, Orthopedic Learning Center, Rosemont, IL, 1/6 – 1/8/14. Course moderator, lecturer and lab instructor.
7. **Akron Pediatric Orthopedic Resident Review Course**; Todd Ritzman, MD, Kerwyn Jones, MD; Co-directors; October 4-5th, 2013.
8. **Akron Pediatric Orthopedic Resident Review Course**; Todd Ritzman, MD, Kerwyn Jones, MD; Co-directors; October 3rd-4th, 2014.
9. **Pediatric Orthopedic Society of North America Annual Meeting**, Harold Van Bosse, Kerwyn Jones, *Opioid Epidemic in 2018: Strategies for Pediatric Orthopaedic Patients*, May 10, 2018.

COURSE/ NATIONAL MEETING MODERATOR

1. **American Academy of Pediatrics Annual Meeting**, Orthopedic Section, Washington, DC, 09/05: Scientific Meeting Moderator,
2. **Mid-America Orthopaedic Association Annual Meeting**, Pediatric Breakout Section, Orlando, 4/08: Moderator
10. **American Academy of Orthopedic Surgeons Annual Meeting**, Peds Session I, Fractures: Lower extremity: San Diego, CA, 02/11: Moderator
11. **American Academy of Orthopedic Surgeons Annual Meeting**, Peds Session IV, Sports Medicine: San Francisco, CA, 2/10/12: Moderator
12. **American Academy of Orthopedic Surgeons Annual Meeting**, Peds Session I, Lower extremity, Miscellaneous, Chicago, IL, 3/22/13: Moderator
13. **Mid-America Orthopedic Association Annual Meeting**, Pediatric Scientific Section, Amelia Island, FL, 4/19/13: Moderator
14. **Pediatric Orthopaedic Society of North America**, QSVI Scientific Section, Hollywood, CA 4/30/14: Presider
15. **Pediatric Orthopaedic Society of North America**, QSVI Scientific Section, Indianapolis, Indiana, April 30, 2016: Presider
16. **Pediatric Orthopaedic Society of North America**, QSVI Scientific Section, Austin, Texas, May 9, 2018: E moderator.

NORTHEASTERN OHIO MEDICAL SCHOOL COMMITMENTS

Orthopedic Curriculum Committee, 2011 – 2013.

MEDICAL DEVICE CONSULTATION

Orthopediatrics, Sports Medicine Senior Surgical Advisory Team, Fort Wayne, Indiana, Surgical consultant, 2012 – 14.

MEDIA INTERVIEWS

1. *WHBC Radio, 94.1 FM*, **Cause and Effect of Anterior Cruciate Ligament Tears in Female Athletes** (4/27/05)
2. *Channel 3 News, Healthspot*, Cleveland, Ohio: Live interview regarding **Anterior Cruciate Ligament Tears in Adolescent Females** (05/05)

3. Live webcast of an ACL reconstruction in a teenage athlete www.akronchildrens.org: *Arthroscopic Surgery to Replace a Young Patient's ACL* (10/06)
4. Live webcast of and arthroscopic Bankart repair of a teenage patient with recurrent shoulder instability www.akronchildrens.org : *Bankart Repair to Correct Shoulder Instability*, 02/08
5. Radio interview during half-time of Univ. of Akron basketball game: *Knee Injuries in Adolescence*, (03/09)
6. WKSU 89.7, *Sports training can stem the epidemic of knee injuries in girls*, May 19, 2014.
7. WKYC Cleveland TV, Akron Children's Hospital *Tips to Grow By*, June 12, 2017.
8. WEWS Cleveland TV, Akron Children's Hospital *Keeping Kids Safe*, Nov 2, 2018.
9. WEWS Cleveland TV, Akron Children's Hospital *ACL tears 2X more common in girls than boys*, Nov 2, 2018.
10. WKSU, NPR news, Decreasing Opiate Prescriptions after Orthopedic Surgery in Children, 10/11/19
11. WEWS Cleveland TV, Akron Children's Hospital, Standardization of Home Going Pain Management after Orthopedic Surgery in Children. Planned air in November, 2019.
12. News5Cleveland, Akron Children's Hospital, Standardization of Home Going Pain Management after Orthopedic Surgery in Children, November, 12th evening news.

COURSES COMPLETED

1. Next Generation Orthopedics, Services for Hospitals and Health Systems, Workshop to develop improved outcomes, improve department efficiency, and increase market share of orthopedic practices, San Diego, California 07/06
2. AANA Masters Experience Course: Hip Arthroscopy, Arthroscopy Association of North America
3. Rosemont, Illinois, Instructional Wet Lab course utilizing cadavers 06/06
4. Faculty Development Workshops, A series of 6 two hour workshops aimed at improving the clinical physician's ability to teach and train medical students and residents in training, SIU School of Medicine, Springfield, Illinois 04/01
5. The Cleveland Clinic Spine Symposium. Laparoscopic Approach to Interbody Fusion of the Lumbar Spine (a hands-on laboratory and didactic course) 10/97
6. AO Basic Trauma Instructional Course, Jackson, Mississippi 09/95
7. Center for Creative Leadership, Greensborough, North Carolina: Three day introductory leadership course started 11/11 and completed 5/12.
8. Lean Six Sigma Blue Belt Training, Akron Children's Hospital , completed 3/12

COMMITTEE APPOINTMENTS

1. Outpatient Clinics Coordination Committee, SIU School of Medicine, 2000-2001, member
2. Pain Management Committee, Akron Children's Hospital Medical Center, 2001-2004
3. Procedural Sedation Committee, Akron Children's Hospital Medical Center, 2003-2004
4. American Academy of Orthopaedic Surgeons, Candidate Members Committee. 2002-2005, member
5. Medical Performance Improvement Committee, Akron Children's Hospital Medical Center, 2002-2005
6. Peer Review Subcommittee, Akron Children's Hospital Medical Center, 2002- 2004
7. Medical Education Committee, Akron Children's Hospital, 8/1005 – Present
8. Bone and Joint Decade Committee, Pediatric Orthopedic Society of North America, 2005- 2006
9. Team leader for online primary care pediatric orthopedic surgery tutorials
10. Developed for primary care physicians on www.aap.org
11. H Works Team Leader, Operating Room Scheduling, Akron Children's Hospital, 2007
12. Pediatric Chairman Search Committee, Akron Children's Hospital, 2008
13. Surgical Service Performance Improvement Committee, Akron Children's Hospital, 2008 – Present
14. Austin BioInnovations Institute of Akron, Medical Device Development Committee, 5/09 – 7/10
15. Education Committee, Pediatric Orthopedic Society of North America, 5/09 – 5/11
16. Pediatric Subcommittee, American Academy of Orthopedic Surgeons, 5/09 – 4/10
17. Akron Children's Hospital, Surgical Services Governance Council, 5/10 – 12/11

18. Practice Management Committee, Pediatric Orthopedic Society of North America, 5/12 – 4/14.
19. Quality, Safety, Value Initiative Sports section, Pediatric Orthopedic Society of North America, 1/13 – 2016.
20. Chair: Akron Children’s Hospital Department of Pediatrics Review Committee, 2014
21. Chair: Quality, Safety, Value Initiative Sports section, Pediatric Orthopedic Society, 2016 - 2018
22. Chair: American Academy of Orthopedic Surgeons ICL Practice Management Committee, 2014 - 2017.
23. Physicians for Philanthropy, Akron Children’s Hospital – Co-Chair, 2015 – 2017
24. ACT NOW, Akron Children’s Hospital Access Steering Committee, 2016
25. Medical Staff Executive Committee, 2012 - **Present**
26. ITOC Steering, Akron Children’s Hospital, 2017 - **Present**
27. Akron Children’s Hospital Population Health Steering Committee, 2018 – **Present**
28. Akron Children’s Hospital – Surgical Value Optimization Team, Chair, 2016 – **Present**
29. Co- Chair, Clinical Effectiveness Quality Committee, Akron Children’s Hospital, 2017 – **Present**
30. Chair, Perioperative Quality Committee, Akron Children’s Hospital, 2017 - **Present**

VOLUNTEER COMMITMENTS

1. Hands Healing Hearts: Medical mission in Guaiacil, Ecuador involving surgery for lower extremity deformities in children and education of local physicians on treatment of such problems, July 20-25, 2002.
2. University of Akron, Dept. of Biomechanical Engineering Senior Project Clinical Mentor: Functioning as a mentor to five senior biomechanical engineering students working on their senior project to develop a prototype for a medical device that may be marketable. 10/11 – 5/12
3. SPRS, summer student mentor, Mentor for summer pre-medical college students performing medical performance improvement projects within Akron Children’s Hospital, 2008- **Present**
4. Medical Director, Donovan’s Kids Camp, a non-profit organization that conducts a week long summer camp for children with arm or leg amputations, 2017 - **Present**
5. Team physician for Copley High School, all sports, Copley, OH, 2007- **Present**

PROFESSIONAL MEMBERSHIPS

American Academy of Orthopaedic Surgeons, Fellow Member
 Mid-America Orthopaedic Association, Fellow Member
 Pediatric Orthopaedic Society of North America, Fellow Member (05/01-present)
 American Medical Association (07/02- Present)
 Ohio State Medical Association (7/01- 7-10)
 Cleveland Orthopaedic Society, **President** 7/1/14 – 6/30/15

OPERATIONAL PERFORMANCE INITIATIVES

Orthopedic Department Morbidity and Mortality Conference: As Education Director for the Department I instituted a Morbidity and Mortality Conference that was not present at any time prior to this and is still performed on a quarterly basis.

H Works: Chair of Surgical Block Time committee at Akron Children’s Hospital; After completing a thorough analysis of the operating room block time data the committee revised the surgical block time policy to improve operating room utilization.

LEAN Blue Belt training certificate, Akron Children’s Hospital Center of Excellence; 3/12

PATIENT QUALITY and SAFETY INITIATIVES

Ohio Children's Hospital Association Surgical Site Infection Collaborative; Surgeon representative for Akron Children's Hospital. A standard care bundle was developed and initiated for patients undergoing posterior spinal fusion that resulted in a decrease in surgical site infections from 7% to 1 % at Akron Children's Hospital

World Health Organization Surgical Checklist study: I produced a video that is used in CareLearning at Akron Children's Hospital to educate operating room staff and surgeons on the proper use and the necessity of the W.H.O. Surgical Checklist. This resulted in an increase in the proper use and compliance with the checklist from 46% prior to the education to 80% after education

Solutions for Patient Safety/ Ohio Children's Hospital Association Akron Children's Hospital team lead for spinal fusion bundle for safe patient care.

Development of **Preoperative Surgical Huddle** for improved communication and operating room team function at Akron Children's Hospital. (See #13 under Journal Publications above)

Pediatric Orthopedic Society of North America, development of national Home Going Pain Management Guidelines for Post-op Care, physician lead.

Instituted **PHQ- 9 Depression screening** for injured athletes undergoing prolonged restriction from sports activities' Akron Children's Hospital; physician lead, 2018

Home Going Pain Management Guidelines, achieved over 90% compliance with standardized postoperative guidelines within Department of Orthopedic Surgery at Akron Children's Hospital that decreased narcotic usage by 44%.

PROFESSIONAL INTERESTS

Clinical:

- Pediatric sports medicine injuries and ligament reconstruction of the knee elbow and shoulder.
- Operative and non-operative treatment of patients with myelomeningocele.

Research:

- Specialty interest in biomechanical evaluation and computer simulation models of the patella-femoral joint.

Quality:

- Surgical *value* leadership at Akron Children's Hospital as well as nationally through the Pediatric Orthopedic Society of North America.
- Secondary specialty focus on patient/family education and standardization for home going opiate usage.

CURRENT CAREER GOAL

I will promote superior clinical care in the orthopedic department at Akron Children's Hospital by emphasizing physician development, patient safety, quality outcomes and performance improvement while continuing to maintain consistent financial stability and growth.

I will promote increasing hospital wide participation in value based surgical care as well as clearly defined quality initiatives in the surgical realm at Akron Children's Hospital as Chair of the Surgical Value Optimization Team and Chair of the Perioperative Quality Committee.