

Kenneth Thomas Bono, MD, FAAOS

Considine Professional Building
215 West Bowery Street, Suite 7200
Akron, OH 44308
(330)-543-3500

Employment

Akron Children's Hospital, Akron, OH
Staff Pediatric Orthopaedic Surgeon 2011 – current
Children's Orthopaedic Surgery Associates
Clinical Instructor for Affiliated Institutions

Pediatric Orthopaedic Surgery Fellowship - Akron Children's Hospital / Cleveland Clinic
Orthopaedic Surgery Residency - Akron General Medical Center, Summa Health System,
Cleveland Clinic Foundation, Allegheny General Hospital, Aultman Medical
Center, Western Reserve Hospital, South Pointe Hospital
Sports Medicine Fellowship - Akron Children's Hospital, Summa Health System
Family Medicine Residency - Akron General Medical Center, Barberton Hospital
Medical School - Northeast Ohio Medical University
Athletic Training Education Program - The University of Akron

Education

Nationwide Children's Hospital, Columbus, OH
Pediatric Orthopaedic and Scoliosis Surgery Fellowship 2010 – 2011

Cleveland Clinic - Akron General Medical Center, Akron, OH
Orthopaedic Surgery Residency 2006 - 2010
Orthopaedic Surgery Internship 2005 - 2006

Rutgers New Jersey Medical School, Newark, NJ
Doctor of Medicine, May 2005

Duke University, Durham, NC
Bachelor of Science, May 2001
Biology and Spanish Major, Chemistry Minor

Northern Highlands Regional High School, Allendale, NJ
Graduated June 1997

Honors/Awards

Recipient of 2012 Mid-America Orthopaedic Association Education Grant

Residency

Chief Resident 2009 - 2010
Recognized as an 'Outstanding House Officer' 2006 - 2007

Frequent recipient of 'Most Valuable Player' hospital employee recognition program

Medical School

- Recipient of Dr. Franklin Behrle Memorial Scholarship
- Recipient of Class of 1986 Scholarship
- Recipient of Edward W. & Stella C. Van Houten Memorial Scholarship
- New Jersey Medical School Summer Research Scholar
- National Dean's List

Undergraduate

- Dean's List with Distinction
- Phi Eta Sigma National Honor Society
- Premedical Internship at Hackensack University Medical Center, Hackensack, NJ

High School

- National Honor Society
- National Merit Scholar
- Nominee for Wendy's High School Heisman
- Participant in NJ Governor's School on the Environment
- Eagle Scout with Gold Palm

Membership in Honorary/Professional Societies

Pediatric Orthopaedic Society of North America (POSNA)
American Academy of Orthopaedic Surgeons (AAOS)
Mid-America Orthopaedic Association (MAOA)
Benjamin Rush Surgical Society Interest Group 2003 - 2005
American Medical Association 2001 - 2005

Volunteer Hospital Committee Work

Department of Orthopaedic Surgery Review Committee
Trauma Committee Orthopaedic Liaison
Scoliosis Pathway Development Work Group
ACL Pathway Development Work Group
Workplace Innovations Group
Meaningful Use Clinical Work Group - Surgeon Representative
Clinical IT Physician Advisory Group - Physician Representative
ICD-10 Implementation Work Group
EPIC Optime Work Group
Orthopaedic Surgery Department EPIC Ambulatory Build Consultant
Orthopaedic Surgery Department EPIC Inpatient Build Consultant
Orthopaedic Surgery Department EPIC Smartset Updates

Certification/Licensure

State of Ohio Medical License #35.095076
American Board of Orthopaedic Surgery – Board Certified (Expires December 31, 2023)

USMLE Diplomate

Prior Work Experience

Pediatric Orthopaedic Emergency Room Coverage 2010-2011
Coordinator, Pre-participation School Sport Physicals 2009 - 2010
Coordinator, Akron City High School Football League Physician Coverage 2009
Pre-participation School Sport Physicals 2006 – 2010
Akron City High School Football League Physician 2005 – 2009
New Jersey Medical School Scribe Service 2001 – 2003
New Jersey Medical School Alumni Association 2002 – 2005
Accounting Office Assistant, Chazotte, Lefanto, & Co. 1997 – 1999
Saddle River Valley Swim and Tennis Club, Lifeguard and Swim Instructor 1995 – 1999

Volunteer Services

Cub Scout Pack #3385 – Bath, OH
Summer Scholar Mentor 2016 – Akron Children’s Hospital
Summer Scholar Mentor 2012 – Akron Children’s Hospital
Medical Records Committee Akron General Medical Center 2006 – 2007
Blood Donor 2001 - current
Community 2000 (Newark community healthcare outreach program) 2002 - 2003
Peer Supporter 2002 – 2005
Project Pediatrics (volunteer with inpatient pediatric patients) 2002 – 2003
Boarder Babies (care for newborns on social hold in hospital) 2002 – 2003
Boy Scouts of America 2001 – 2002
Student Family Health Care Center 2001 – 2005
Community Health Fairs 2001 – 2005
Headstart Program (underprivileged pre-school enrichment program) 2000 – 2001
Ronald McDonald House 1998 – 2001

Research

Perceived Barriers to Splinting Pediatric Wrist Buckle Fractures

(Ongoing study)

Co-Investigator

Akron Children’s Hospital – Department of Pediatric Orthopaedic Surgery

Should Pediatric Wrist Buckle Fractures Be Splinted in the Emergency Department Without Orthopedic Consult?

(Ongoing study)

Co-Investigator

Akron Children’s Hospital – Department of Emergency Medicine and Pediatric Orthopaedic Surgery

The Clinical Utility of PEWS Scores Postoperatively in Scoliosis Patients

(Ongoing study)

Primary Investigator
Akron Children's Hospital – Department of Pediatric Orthopaedic Surgery

Blood Transfusions In Posterior Spinal Fusions for the Treatment of Adolescent Idiopathic Scoliosis

(Ongoing study)

Co-author

Akron Children's Hospital – Department of Pediatric Orthopaedic Surgery

Pre-operative Fears in Pediatric Orthopaedic Patients

(Submitted)

Primary Investigator

Akron Children's Hospital – Department of Pediatric Orthopaedic Surgery

Arthroscopically Assisted Percutaneous Removal of an Intra-articular Foreign Body

(Submitted)

Primary Investigator

Akron Children's Hospital – Department of Pediatric Orthopaedic Surgery

Is There Really An 'Infection Season' in Pediatric Orthopaedics?

(Published)

Bono KT, Klingele KE. Pediatric Orthopaedic Infection Season: An Analysis of the Seasonal Variation of Pediatric Osteomyelitis and Septic Arthritis. *J Pediatr Infect Dis.* 2014; 9(2):67-70.

Advisor: Kevin Klingele, M.D.

Nationwide Children's Hospital – Department of Pediatric Orthopaedic Surgery

Septic Arthritis in Children Less Than 3 Months of Age (A Retrospective Review)

(Published)

Bono KT, Samora JB, Klingele KE. Septic Arthritis in Infants Younger Than 3 Months: A Retrospective Review. *Orthopedics.* 2015 Sep 1. 38 (9):e787-93.

Advisor: Kevin Klingele, M.D.

Nationwide Children's Hospital – Department of Pediatric Orthopaedic Surgery

Necrotizing Fasciitis in Children

(Published)

Tancevski A, Bono K, Willis L, Klingele K. Necrotizing Fasciitis in a Pediatric Orthopedic Population. *Orthopedics.* 2013; 36: e741-e745.

Advisor: Kevin Klingele, M.D.

Nationwide Children's Hospital – Department of Pediatric Orthopaedic Surgery

Intraosseous Entrapment of the Median Nerve Following Elbow Dislocation

(Published)

Bono KT, Popp JE. Intraosseous median nerve entrapment following pediatric posterior elbow dislocation. *Orthopedics.* 2012 Apr 1;35(4):e592-4.

Advisor: James Popp, M.D.

Nationwide Children's Hospital – Department of Pediatric Orthopaedic Surgery

Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis.

(Published)

Bono KT, et al. A prospective comparison of computer-navigated and fluoroscopic-guided in situ fixation of slipped capital femoral epiphysis. *J Pediatr Orthop.* 2013 Mar;33(2):128-34.

Advisor: Mark Adamczyk, M.D.

Akron Children's Hospital – Department of Pediatric Orthopaedic Surgery

Are Residents Getting More Surgical Exposure Following the Implementation of the 80 Hour Work Week?

Primary Investigator

Akron General Medical Center – Department of Orthopaedic Surgery

A Comparison of Ibuprofen and Rofecoxib Effects on Rabbit Fibula Osteotomy Healing. (*Acta Orthopaedica* 2009; 80 (5): 597–605) - Contributor

Advisor: J. Patrick O'Connor, Ph.D.

UMDNJ – Newark, Department of Orthopaedic Surgery

The Effects of Diabetes on Quantal Release at the Neuromuscular Junction.

Advisor: Joseph McArdle, Ph.D.

UMDNJ – Newark, Department of Pharmacology and Physiology

A Comparison of Common Injuries Occurring on Artificial and Natural Turf – Why They Occur, and How They Can Be Avoided.

Advisor: Frank Bassett, M.D.

Duke University, Department of Sports Medicine

Book Chapters

Bono K. Hip Dislocation. In: Iobst C, Frick SL (eds) *Pediatric Orthopedic Trauma Case Atlas*. Publisher: Springer, Cham.

Bono K. Pathologic Proximal Femur Fracture. In: Iobst C, Frick SL (eds) *Pediatric Orthopedic Trauma Case Atlas*. Publisher: Springer, Cham.

Fisher M, Riley Jr P, Bono K. Femoral Neck Fractures in Children. In: Iobst C, Frick SL (eds) *Pediatric Orthopedic Trauma Case Atlas*. Publisher: Springer, Cham.

Multimedia

Virtual Reality Surgical Simulation – Posterior spinal fusion for scoliosis

Standing tall: Scoliosis surgeries help straighten severe curvature of 10 year old's spine
(News/Educational Material)

Steer children clear of lawn mowers
(News/Educational Material)

Surgical Treatment for Developmental Dysplasia of the Hip
(Webcast Video) Akron Children's Hospital - November 10, 2011

Additional Education

POSNA – Pre-Meeting Course
Improving Patient Care Through Wellness, Teamwork, and Organizational Changes
Charlotte, NC 2019

POSNA – Annual Meeting
Charlotte, NC 2019

POSNA – Pre-Meeting Course
Natural History in Pediatric Orthopaedics: How Good is the Data on Which We Base Our
Decisions?
Austin, TX 2018

POSNA – Annual Meeting
Austin, TX 2018

Mid-America Orthopedic Association – Pre-Meeting Course
Essential Hip Topics: Cradle to Grave
San Antonio, TX 2018

Mid-America Orthopedic Association – 36th Annual Meeting
San Antonio, TX 2018

IPOS – Annual Course
Orlando, FL 2017

POSNA – Pre-Meeting Course
Trends and Applications in Pediatric Lower Extremity Deformity
Indianapolis, IN 2016

POSNA – Annual Meeting
Indianapolis, IN 2016

Orthopaedic Management of the Child with CP – Overview with Hip and Gait Focus
Wilmington, DE 2015

Mid-America Orthopedic Association – Pre-Meeting Course

The Athlete's Knee: Meniscus, Ligament, Cartilage, and Patellofemoral
Hilton Head, SC 2015

Mid-America Orthopedic Association – Annual Meeting
Hilton Head, SC 2015

SRS – Pre-Meeting Course
Anchorage, AK 2014
SRS – Annual Meeting
Anchorage, AK 2014

POSNA – Quality, Safety, Value: From Theory to Practice Management
Hollywood, CA 2014

POSNA – Annual Meeting
Hollywood, CA 2014

IPOS – Annual Course
Orlando, FL 2012

POSNA – Adolescent and Young Adult Hip Disorders
Denver, CO 2012

POSNA – Scientific Program
Denver, CO 2012

Mid-America Orthopaedic Association – Annual Meeting
Bonita Springs, FL 2012

IPOS – Annual Course
Orlando, FL 2011

POSNA – Scientific Program
Montreal, Quebec 2011

POSNA – Evidence Based Medicine in Pediatric Orthopaedics: What is it? Does it
Matter? And, How Should You Do It?
Montreal, Quebec 2011

AONA – Symposium on Surgical Preservation of the Hip
Vail, CO 2011

Lindseth Lectureship – Indiana University School of Medicine
Indianapolis, IN 2010

Complex Young Spine Forum – Thoracic Insufficiency Syndrome

(Synthes VEPTR I/II Course)
Salt Lake City, UT 2010

AAOS – Board Preparation and Review Course
Chicago, IL 2010

Mid-America Orthopaedic Association – Annual Meeting
Lost Pines, TX 2010

AAOS - Annual Meeting
New Orleans, LA 2010

Miller’s Orthopaedic Review
Westminster, CO 2009

OTA – Advanced Trauma Techniques
St. Petersburg, FL 2009

Current Concepts in Joint Replacement
Orlando, FL 2009

SUMMA - Orthopaedic Oncology Review Course
Akron, OH 2006, 2007, 2008, 2009

POSNA – Scientific Program
Albuquerque, NM 2008

POSNA – Sports Related Injuries in the Skeletally Immature Athlete
Albuquerque, NM 2008

AANA – Fundamental Skills in Arthroscopy
Rosemont, IL 2008

AAOS/ASES – The Shoulder and Elbow: A Comprehensive Update
Tucson, AZ 2007

AO Foundation – Basic Principles and Techniques of Operative Fracture Management
Sparks, NV 2006

Presentations/Awards

Akron Pediatric Orthopaedic Resident Review Course – Akron, OH 2019

Moderator: Pediatric Trauma

Presenter: Upper Extremity Trauma Discussion and Question Review
Lower Extremity Trauma Discussion and Question Review

Femur Fractures
Foot Deformities

Lab Moderator: CRPP supracondylar fracture, flexible IM nail forearm and femur sawbones lab
Station Instructor: Pedicle screw instrumentation, Ponte osteotomies, Pelvic instrumentation, SCFE in situ screw fixation, VDRO, physeal tethering plate, Smith-Peterson approach for I&D septic hip, ACL reconstruction, lateral column calcaneal lengthening

Ohio Orthopaedic Society – Columbus, OH 2019

Perceived Barriers to Splinting Pediatric Wrist Buckle Fractures
Podium Presentation

Akron Children’s Hospital Post-Graduate Day – Akron, OH 2018

Should pediatric wrist buckle fractures be splinted in the emergency department without orthopedic consult?
Poster Presentation

Cleveland Clinic Akron General Post-Graduate Day – Akron, OH 2018

Blood Transfusions in Posterior Spinal Fusions for the Treatment of Idiopathic Scoliosis
Podium Presentation
1st Place – Presentation Category

Mid-America Orthopaedic Association Annual Meeting – San Antonio, TX 2018

Blood Transfusions in Posterior Spinal Fusions for the Treatment of Idiopathic Scoliosis
Poster Presentation

Mid-America Orthopaedic Association Annual Meeting – San Antonio, TX 2018

Is the Pediatric Early Warning Score (PEWS) an Effective Tool After Posterior Spinal Fusion for Idiopathic Scoliosis?
Poster Presentation

Mid-America Orthopaedic Association Annual Meeting – San Antonio, TX 2018

Moderator: Pediatric and Adolescent Hip
Presenter: Slipped Capital Femoral Epiphysis (SCFE) – When is Surgery Indicated?
Femoroacetabular Impingement – Early Diagnosis and Implications of Treatment
Acute Trauma Cases from Peds to the Elderly: Panel Discussion

Akron Pediatric Orthopedic Resident Review Course – Akron, OH 2017

Moderator and Instructor for Surgical Skills Labs

(Pinning Supracondylar Fractures, Ponseti Casting, SCFE Pinning,
Growth Modulation, MPFL Reconstruction, Tibial Tubercle
Osteotomy)

Presenter – Pediatric Foot Disorders

American Academy of Pediatrics – Chicago, IL 2017

*Blood Transfusions in Posterior Spinal Fusions for the Treatment of Idiopathic
Scoliosis*

Podium Presentation

Akron Children's Hospital Post-Graduate Day – Akron, OH 2017

*Blood Transfusions in Posterior Spinal Fusions for the Treatment of Idiopathic
Scoliosis.*

Poster Presentation

Podium Presentation – 1st Place

Akron Children's Hospital Post-Graduate Day – Akron, OH 2017

*PEWS Score After Pediatric Posterior Spinal Fusion. A Quality Improvement
Initiative.*

Poster Presentation

Annual Pediatric Update for the Practicing Physician – Akron, OH 2017

Orthopedic Triage – When is it really an emergency?

Akron Pediatric Orthopedic Resident Review Course – Akron, OH 2016

Moderator and Instructor for Surgical Skills Labs

(Pinning Supracondylar Fractures, Ponseti Casting, SCFE Pinning,
Growth Modulation)

Presenter – Pediatric Foot Disorders

Akron Children's Hospital Summer Pediatric Research Scholars Program – 2015

*PEWS Score After Pediatric Posterior Spinal Fusion: A Quality Improvement
Initiative.*

Podium Presentation

Ohio Osteopathic Association Annual Poster Competition - 2015

*Arthroscopically Assisted Percutaneous Removal of an Intra-articular Foreign
Body: A New Technique*

Poster Presentation

Mid-America Orthopaedic Association Annual Meeting – Hilton Head, SC 2015

Preoperative Fears in Pediatric Orthopaedic Patients

Poster Presentation

Western Reserve Annual Research Day – Akron, OH 2014

*Arthroscopically Assisted Percutaneous Removal of an Intra-articular Foreign
Body: A New Technique*
Poster Presentation

Akron Pediatric Orthopedic Resident Review Course – Akron, OH 2014
Moderator for Pediatric Trauma Session
Moderator and Instructor for Surgical Skills Labs
Presenter – Pediatric Hip and Foot Disorders

American Osteopathic Academy of Orthopedics Annual Meeting – CA 2014
*Arthroscopically Assisted Percutaneous Removal of an Intra-articular Foreign
Body: A New Technique*
Poster Presentation

American Academy of Pediatrics Annual Meeting – San Diego, CA 2014
Preoperative Fears in Pediatric Orthopaedic Patients
Podium Presentation

POSNA Annual Meeting – Hollywood, CA 2014
Preoperative Fears in Pediatric Orthopaedic Patients
E-Poster Presentation

Annual Pediatric Update for the Practicing Physician – Akron, OH 2014
Orthopedics for the Primary Care Physician

Akron Pediatric Orthopedic Resident Review Course – Akron, OH 2013
Moderator for Pediatric Trauma Session
Moderator and Instructor for Surgical Skills Labs
Presenter – Pediatric Hip and Foot Disorders

Akron Children's Hospital Post-Graduate Day – Akron, OH 2013
Pre-operative Fears in Pediatric Orthopaedic Surgery Patients
Poster Presentation

POSNA Annual Meeting – Denver, CO 2012
Septic Arthritis in Children Less Than 3 Months of Age (A Retrospective Review)
Podium Presentation

POSNA Annual Meeting – Denver, CO 2012
Necrotizing Fasciitis in Children
Podium Presentation

Mid-America Orthopaedic Association Annual Meeting – Bonita Springs, FL 2012
Septic Arthritis in Children Less Than 3 Months of Age (A Retrospective Review)

Mallory-Coleman Research Day – Columbus, OH 2012
Septic Arthritis in Children Less Than 3 Months of Age (A Retrospective Review)

Pediatric Orthopaedic Society of North America – Montreal, Canada 2011
*A Prospective Comparison of Computer Navigated and Fluoroscopic Guided
In-Situ Fixation of Slipped Capital Femoral Epiphysis.*
Podium Presentation

Nationwide Children’s Hospital Grand Rounds, Columbus, OH 2011
Femoroacetabular Impingement and Surgical Hip Dislocations

Current Concepts in Foot & Ankle Medicine and Surgery
Guest Speaker - Grant Medical Center, Columbus, OH 2011
Pediatric Physeal Injuries of the Foot and Ankle: Treatment Options

AAOS Annual Meeting – New Orleans, LA 2010
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Poster Presentation

Mid-America Orthopaedic Association Annual Meeting – Lost Pines, TX 2010
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Podium Presentation

Ohio Orthopaedic Society Annual Meeting – Columbus, OH 2010
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Selected as one of the “Top Three Papers”

Post Graduate Day – Akron General Medical Center, 2010
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
1st Place – Best Manuscript
1st Place – Oral Presentation

American Academy of Pediatrics Annual Meeting – Washington, DC 2009
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Podium Presentation

Post Graduate Day – Akron Children’s Medical Center, June 2009
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
1st Place – Best Overall Paper
Presented at Pediatric Grand Rounds June 2009

Post Graduate Day – Akron General Medical Center, June 2009
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
1st Place - Research Poster
1st Place - Oral Presentation

American Academy of Orthopedic Surgeons – New Orleans, LA 2010
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Poster Presentation

OREF Resident Research Symposium – Akron Children’s Hospital, April 2009
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Podium Presentation

Akron Combined Orthopaedic Research Day. 2006, 2007, 2008, 2009
Computer Navigated In-Situ Fixation of Slipped Capital Femoral Epiphysis
Podium Presentations

Resident / Student Lecture Series

A Primer for Pediatric Orthopedics, Developmental Dysplasia of the Hip, Perthes Disease, Slipped Capital Femoral Epiphysis, Periacetabular Osteotomy, Surgical Hip Dislocations, Pelvic Osteotomy Options, Congenital Scoliosis, Idiopathic Scoliosis, Vertical Expandable Prosthetic Titanium Ribs in Thoracic Insufficiency, Kyphosis, Myelomeningocele, Physeal Sparing ACL Reconstruction Techniques, Discoid Meniscus, Patellar Instability, Limb Alignment Correction, Growth Plate Arrest and Treatment, Tarsal Coalitions, Osteochondroses, Clubfeet, Muscular Diseases, Skeletal Dysplasias, Orthopedic Manifestations of Syndromes and Genetic/Endocrine/Metabolic Diseases, Cerebral Palsy, Sports Hernias, Femoral Shaft Fractures, Tibial Shaft Fractures, Spine – A Review, Hand – A Review, Pediatric Orthopaedics – A Review, Patellar Sleeve Fractures, Innovative Syndesmotom Repair Techniques, Talar OCD’s, Pediatric Musculoskeletal Infections, Pediatric Foot Disorders, Back Pain in Children and Adolescents, Hand Anatomy and Surgical Approaches, Monteggia Fractures, Pelvis and Acetabulum Anatomy and Surgical Approaches, Foot and Ankle Anatomy and Surgical Approaches, Anesthetic Techniques For Minimally Invasive Total Joint Arthroplasty

Language Fluency

English, Spanish

Hobbies/Interests

Kayaking, Fishing, Golf, Camping, Hiking