

CURRICULUM VITAE

RICHARD WAYNE KRUSE, D.O., M.B.A.

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Department of Orthopaedics
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EDUCATION: University of Delaware
Newark, Delaware
B.A. Biology 1977.

Philadelphia College of
Osteopathic Medicine
4150 City Line Avenue
Philadelphia, Pennsylvania
D.O. Degree 1981

Wilmington College
Wilmington, Delaware
Masters, Business Administration, 2004

POSTGRADUATE TRAINING/ CIVILIAN EDUCATION

July 1981 - June 1982	Tripler Army Medical Center Honolulu, Hawaii Rotating Internship
1983 - 1985	130 Station Hospital Heidelberg, Germany On the Job Training: Orthopaedic Surgery
December 1983, 1984	A.O. Basic and Advanced Surgical Techniques Course Davos, Switzerland
1986	Advanced Trauma Life Support Instructors Course Bethesda, Maryland
April 1987	Combat Casualty Management Course in Mass Casualty Care

Ft. Sam Houston, Texas

August 1987 Midas Rex Psychomotor Institute Bethesda, Maryland

August 1987 Uniformed Services University of the Health Sciences
Resident - Microvascular Surgery

October 1987 - January 1988 Fairfax Hospital
Falls Church, Virginia
Resident - Orthopaedic Trauma

March 1988 - May 1988 The Children's Hospital
Denver, Colorado
Resident - Pediatric Orthopaedics

July 1985 - June 1989 Walter Reed Army Medical Center
Washington, D.C.
Residency - Orthopaedic Surgery

July 1989 - June 1990 Alfred I. duPont Institute
Wilmington, Delaware
Fellowship - Pediatric Orthopaedics

MILITARY SERVICE/EDUCATION:

1972 – 1976 ROTC - Distinguished Military Graduate
University of Delaware

1975 Army Four-Year ROTC Scholarship

1977 – 1981 Army Four-Year Health Professions Scholarship

1982 – 1983 Brigade Surgeon 2nd Brigade
3rd Infantry Division, Kitzingen, Germany

1985 Army Officer Advanced Course

1987 Combined Arms Service Staff School (Phase I).

October 1990 –
April 1991 Orthopaedic Surgeon and Hospital
Construction Team Leader 47th Combat Support Hospital serving in
Saudi Arabia and Iraq during the Persian Gulf War

June 1990 -
December 1993 Chief Pediatric Orthopaedic Surgery
Orthopaedic Surgery Service
Madigan Army Medical Center
Tacoma, WA 98431

Wilmington, Delaware 19899

November 1996 - Present	Consulting Staff Orthopaedic Department Medical Center of Delaware Wilmington, DE 19899
October 1996 - 2005	Active Member of Medical Staff Pediatric Orthopaedic Department Thomas Jefferson University Hospital Philadelphia, PA 19107

SPECIALTY CERTIFICATION:

July 10, 1992.	American Board of Orthopaedic Surgery
	Recertified, January 1, 2003

LICENSURE:

September 1982 - Present	Pennsylvania - Certificate #OS-004986-L
January 1994 - Present	Delaware - Certificate #C20004245

AWARDS, HONORS AND MEMBERSHIP IN HONORARARY SOCIETIES:

1976	Outstanding Graduating ROTC Cadet
1982	Army Service Ribbon
1982, 1985	Overseas Service Medal (2)
1991	Liberation of Kuwait Medal
1991	National Defense Service Medal Southwest Asia Campaign Medal
1991	Army Commendation Medal
1991, 1993, 1994	Meritorious Service Medal (3)
2009	Positive Coaching Alliance National Youth Sports Award, Stanford University, April 24, 2009 <i>Positive Coach of The Year- Dual Goal Coach Award</i>

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:

National and International Societies

National Osteoporosis Foundation

Fellow American Academy of Pediatrics - Representative on the National Osteoporosis Foundation's Interspecialty Medical Council

Fellow American Academy of Orthopaedic Surgeons

PICME Project Team- American Academy of Orthopaedic Surgeons

Fellow American College of Sports Medicine

American Orthopaedic Association

American Osteopathic Association

Osteogenesis Imperfecta Foundation

Pediatric Orthopaedic Society of North America

Society of Military Orthopaedic Surgeons

Local or Regional Societies

Alumni Association of Alfred I. duPont Institute

Alumni Association of Philadelphia College of Osteopathic Medicine

Delaware Society of Orthopaedic Surgeons

Delaware State Osteopathic Medical Society

Delaware Medical Society

PROFESSIONAL AND SCIENTIFIC COMMITTEES:

National Committees

Representative of American Academy of Pediatrics on the Interspeciality Medical Council of National Osteoporosis Foundation

Representative of the POSNA Education, Trauma and Disaster Relief Committee

Representative of the AAOS

State Committees

Director of Board of Directors for the New Castle County Medical Society

Chair of Delaware State Injury Prevention Committee of Delaware Academy of Pediatrics

Board of Delegates Medical Society of Delaware

Hospital Committees

Chairman Surgical Executive Committee
A.I. duPont Hospital for Children

Patient Safety Committee
A.I. duPont Hospital for Children

EDITORIAL POSITIONS:

1991 - 1995 Editorial Review Board
 Journal of Military Medicine
 Bethesda, Maryland

1991 - 1995 Editorial Review Board
 Journal of Back and Musculoskeletal Rehabilitation, Andover Medical
 Publications

LECTURES BY INVITATION

"Reflex Sympathetic Pain in Children", Presented at Society of Military Orthopaedic Surgeons 30th Annual Meeting, Williamsburg, Virginia, 1988 and Rocky Mountain Chapter of Western Orthopaedic Association, Denver, Colorado, 1988.

"Transpedicular Fixation of the Spine", Presented at The Walter Reed Experience - Orthopaedic Grand Rounds, Washington, D.C., 1988.

"Oblique Tibial Osteotomy to Correct Angular Deformity in Children", Presented at Pediatric Surgery Day, Uniformed Services University of the Health Sciences, Bethesda, Maryland, 1988 and American Orthopaedic Association Residents Conference, Boston, Massachusetts, 1988.

Exhibit: Kruse, R.W., Guille, J.T., and Bowen, J.R.: *"Role of Shelf Arthroplasty in Perthes Disease, Society of Military Orthopaedic Surgeons"*, Presented at 32nd Annual Meeting, Williamsburg, Virginia. 1990.

Exhibit: Karger, C., Bowen, J.R., Guille, J.T., Kruse, R.W., and Malcolm, J.R.: "*Evaluation of Wagner and Ilizarov Methods of Lengthening for Congenital Lower Limb Deficiencies*", Presented at American Academy of Orthopaedic Surgeons 57th Annual Meeting, New Orleans, Louisiana. 1990.

Exhibit: Kruse, R.W., Fracchia, M., Boos, M., Guille J.T., and Bowen, J.R.: "*Gore-Tex Fabric as a Castliner in Children*", Presented at Combined European Pediatric Orthopaedic Society and SICOT Meeting", Montreal, Canada. 1990.

"*Perspectives in Osteomyelitis*", Presented at Pediatric Orthopaedic Review Course, Alfred I. duPont Institute, Wilmington, Delaware, April 1990.

"*Shelf Arthroplasty in Perthes Disease*", Presented at Combined Pediatric Orthopaedic Society and SICOT Meeting, Montreal, Canada, September 7-10, 1990.

Exhibit: Guille, J.T., Kruse, R.W., Karger, C., and Bowen, J.R.: "*Complications of Lower Limb Lengthening for Congenital Deficiencies*", Presented at 58th Annual Meeting of American Academy of Orthopaedic Surgeons, Anaheim, California. 1991.

"*Surgical Experience of the 47th Combat Support Hospital in the Persian Gulf War*", Presented at U.S. Army Surgical Conference, Saudi Arabia, April 1991.

Exhibit: Kruse, R.W. and Eilert, R.E.: "*Reflex Sympathetic Pain in Children*", Presented at American Academy of Orthopaedic Surgeons Annual Meeting. Washington. 1992.

"*Posterior Dislocation of the Radial Head: Congenital or Traumatic*", Presented at Orthopaedic Trauma Symposium, Alfred I. duPont Institute, Wilmington, Delaware, February 17-19, 1992.

"*Developmental Dislocation of the Hip-Early Diagnosis and Treatment*", Presented at Tacoma Orthopaedic Society, December 1992.

"*Kids with Brittle Bones: A Multi-Disciplinary Approach to Care*", Presented at Pediatric Grand Rounds, Alfred I. duPont Institute, Wilmington, Delaware, May 11, 1994.

"*Developmental Dysplasia of the Hip - Overview*", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, Delaware, October 13, 1994.

Exhibit: Kruse, R.W. and Knolmayer, B.: "*Toward More Efficacious Pavlik Harness Use*", Presented at Society of Military Orthopaedic Surgeons, December 1995, Vail, Colorado.

"*A Current Overview of Orthopaedic Concepts in Osteogenesis Imperfecta*", Presented at Howard University Hospital, Fourth Annual Symposium, Washington, D.C., January 14, 1995.

"*Developmental Dysplasia of the Hip*", Presented at Grand Rounds, Philadelphia College of Osteopathic Medicine, Philadelphia, PA., March 8, 1995.

"*Developmental Dysplasia of the Hip - Overview*", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., March 16, 1995.

"*Orthopaedic Treatment of Developmental Dysplasia of the Hip*", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., March 17, 1995.

"Developmental Dysplasia of the Hip - Overview", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., October 12, 1995.

"Orthopaedic Treatment of Developmental Dysplasia of the Hip", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., October 13, 1995.

Exhibit: DeVries, W.H. and Kruse, R.W.: *"Hypertension Associated with Lower Extremity Contracture Release in Cerebral Palsy"*, Presented at American Academy of Orthopaedic Surgeons, Atlanta, Georgia, February 1996.

Exhibit: Miller, D. and Kruse, R.W., and Minch, C.: *"Osteogenesis Imperfecta - Formation of a Data Base and Initial Observations"*, Presented at American Academy of Orthopaedic Surgeons, Atlanta, Georgia, February, 1996.

Exhibit: Kruse, R.W., Harcke, H.T., and Minch, C.: *"Subtle Osteogenesis Imperfecta or Non-Accidental Injury - How Do You Tell?"*, Presented at American Academy of Orthopaedic Surgeons, February 1996, Atlanta, Georgia.

Exhibit: Kruse, R.W. and Theroux, M.C.: *"Congenital Heart Disease and Spinal Fusion for Scoliosis"*, Presented at American Academy of Orthopaedic Surgeons, February 1996, Atlanta, Georgia.

"Idiopathic Scoliosis - Posterior", Presented at Advanced Pediatric Isola Instrumentation Seminar, O'Hare Hilton Hotel, Chicago, Illinois, April 12 & 13, 1996.

"Developmental Dysplasia of the Hip – Overview", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., April 25, 1996.

"Orthopaedic Treatment of Developmental Dysplasia of the Hip", Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., April 26, 1996.

"Splinting, Aquatics and Other Therapeutic Options", Presented at Osteogenesis Imperfecta Foundation 9th National Conference, July 13, 1996, Orlando, Florida.

"Bone Densitometry", Presented at Osteogenesis Imperfecta Foundation 9th National Conference, July 13, 1996, Orlando, Florida.

"Osteogenesis Imperfecta", Presented at Walter Reed Army Medical Center, Washington, D.C., August 27, 1996.

Exhibit: Bleakney, D. and Kruse, R.W.: *"Gross Motor Development and Children with Osteogenesis Imperfecta"*, Presented at the Sixth International Conference on Osteogenesis Imperfecta, Woudschoten Conference Center, Zeist, The Netherlands, September 20, 1996.

Exhibit: Kruse, R.W.: *"Proposed Imaging Algorithm of Children with Multiple Fractures. Osteogenesis Imperfecta or Child Abuse"*, Presented at the Sixth International Conference on Osteogenesis Imperfecta, Woudschoten Conference Center, Zeist, The Netherlands, September 20, 1996.

Exhibit: Kruse, R.W., Moore, M., Harcke, T.H., and Minch, C.: *"The Role of Dual Energy X-Ray Absorptiometry (DEXA) in Aiding the Diagnosis of Osteogenesis Imperfecta in Children"*, Presented at the Sixth International Conference on Osteogenesis Imperfecta, Woudschoten Conference Center, Zeist, The Netherlands, September 21, 1996.

“Periosteal Bone Growth As An Indicator and Predictor of Ambulatory Ability in Osteogenesis Imperfecta”, Presented at the Sixth International Conference on Osteogenesis Imperfecta, Woudschoten Conference Center, Zeist, The Netherlands, September 21, 1996.

“The Role of Dual Energy X-Ray Absorptiometry (DEXA) in Aiding the Diagnosis of Osteogenesis Imperfecta in Children”, Presented at the Sixth International Conference on Osteogenesis Imperfecta, Woudschoten Conference Center, Zeist, The Netherlands, September 21, 1996.

“Developmental Dysplasia of the Hip - Overview”, Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., October 17, 1996.

“Orthopaedic Treatment of Developmental Dysplasia of the Hip”, Presented at Hip Symposium, Alfred I. duPont Institute, Wilmington, DE., October 18, 1996.

“Orthopaedic Treatment of Developmental Dysplasia of the Hip”, Presented at Hip Symposium, Alfred I. duPont Hospital for Children, Wilmington, DE., April 17, 1997.

“Developmental Dysplasia of the Hip - Overview”, Presented at Hip Symposium, duPont Hospital for Children, Wilmington, DE., April 18, 1997.

“Osteogenesis Imperfecta Vs Child Abuse”, Presented at Grand Rounds, York Hospital, York, PA., March 4, 1998.

Exhibit: Kruse, R.W., Keeler, K.A., and Filho, F.: *“Back Pain in Individuals with Osteogenesis Imperfecta”*, Presented at the 65th Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA., March 19, 1998.

“Orthopaedic Treatment of Developmental Dysplasia of the Hip”, Presented at Hip Symposium, duPont Hospital for Children, Wilmington, DE., April 23, 1998.

Exhibit: Kruse, R.W., Becker, C.E., Keeler, K.A., and Shah, S.A.: *“Complications of Blade Plate Removal”*, Presented at the Pediatric Orthopaedic Society of North America, Cleveland, Ohio, May 7 – 9, 1998.

“Orthopaedic Treatment of Developmental Dysplasia of the Hip”, Presented at Hip Symposium, duPont Hospital for Children, Wilmington, DE., October 8, 1998.

“Developmental Dysplasia of the Hip – Overview”, Presented at Hip Symposium, duPont Hospital for Children, Wilmington, DE., October 9, 1998.

“Orthopaedic Aspects of Osteogenesis Imperfecta”, Presented at Walter Reed Army Medical Center, Washington, D.C., January 26, 1998.

“Selected Topics in Chronic Orthopaedic Conditions”, Presented at the Spring Pediatric Conference, Allied Services, Scranton, Pennsylvania, April 17, 1999.

“Orthopaedic Treatment of Developmental Dysplasia of the Hip”, Presented at Hip Symposium, A. I. duPont Hospital for Children, Wilmington, DE., April 22, 1999.

“Child Abuse – Recognizing the Signs”, Presented at the American Osteopathic Academy of Orthopaedics, 39th Annual Postgraduate Seminar, Scottsdale, Arizona, May 1, 1999.

“The Role of Immediate Spica Casting in Femur Fractures”, Presented at the American Osteopathic Academy of Orthopaedics, 39th Annual Postgraduate Seminar, Scottsdale, Arizona, May 1, 1999.

“Common Sport Injuries”, Presented at Chester County School Nurse Association, duPont Hospital for Children, Wilmington, DE., May 13, 1999.

“Pediatric Orthopaedic Conditions for the Generalist”, Presented at Grand Rounds, A. I. duPont Hospital for Children, Wilmington, DE., June 9, 1999.

“Rehabilitation and Functional Outcomes”, Panel Chair, 7th International Conference on Osteogenesis Imperfecta, Montreal, Canada, August 29 – September 1, 1999.

Exhibit: Kruse, R.W., Cao, H.: *“Dietary Intakes and Fracture Frequency of Osteogenesis Imperfecta Patients”*, Presented at the 7th International Conference on Osteogenesis Imperfecta, Montreal, Canada, August 29 - September 1, 1999.

Exhibit: Kruse, R.W., Fitru, T., *“Scoliosis in Osteogenesis Imperfecta”*, Presented at the 7th International Conference on Osteogenesis Imperfecta, Montreal, Canada, August 29 – September 1, 1999.

Guest Professorship: *“Pediatric Office Orthopaedics: Things You Don’t Learn In Lectures”*, Children’s Hospital Medical Center in Cincinnati, Ohio, February 20-21, 2000.

Guest Professorship: *“Backpacks, Back Pain, and Load Carrying”*, Children’s Hospital Medical Center in Cincinnati, Ohio, February 20-21, 2000.

Guest Professorship: *“Orthopaedic Aspects of Osteogenesis Imperfecta”*, Children’s Hospital Medical Center in Cincinnati, Ohio, February 20-21, 2000.

Exhibit: Kruse, R.W., Kirk, K.L., *“Multiple Osteotomies and Intramedullary Fixation of the Upper Extremity in Osteogenesis Imperfecta”*, Presented at the 7th International Conference on Osteogenesis Imperfecta, Montreal, Canada, August 29 – September 1, 1999; American Academy of Orthopaedic Surgeons, Annual Meeting, Orlando, Florida, March 15 – 19, 2000.

“Complications After Blade Plate Insertions in the Pediatric Population”, Presented at 67th Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 15-19, 2000.

“Back Pain in the Skeletally Immature”, Presented at Penn State Campus, Hazelton, PA, March 21, 2000.

“Upper Extremity Injuries in the Skeletally Immature Athlete”, Presented at Penn State Campus, Hazelton, PA, March 21, 2000.

“Pediatric Orthopaedic Trauma”, Presented at Trauma Symposium, Christiana Care Health Services, Wilmington, DE, May 12, 2000.

“Osteogenesis Imperfecta”, Presented at the International Pediatric Orthopaedic Symposium, San Francisco, CA, May 23-27, 2000.

“History of the duPont Hospital for Children”, Presented at the Delaware Society of Orthopaedic Surgeons 2000 Annual Meeting, Wilmington, Delaware, November 10, 2000.

“Pediatric Office Orthopaedics: “Things You Don’t Learn in Lectures”, Presented at Children’s Hospital Medical Center, University of Cincinnati, February 20-21, 2001.

Guest Professorship: *“Backpacks, Back Pain, and Load Carrying”*, Children’s Orthopaedic Day, The Children’s Hospital, Denver, Colorado, April 13-14, 2001.

Guest Professorship: *“Orthopaedic Aspects of Osteogenesis Imperfecta”*, Children’s Orthopaedic Day, The Children’s Hospital, Denver, Colorado, April 13-14, 2001

“Skeletal Health in Adolescents – Key to Preventing Osteoporosis”, Presented at Kent General Hospital/Bayhealth Medical Center, Dover, DE, September 25, 2001

“Backpack Use as a Risk Factor in Children’s Back Pain”, Presented at American Academy of Pediatrics 2001 National Conference and Exhibition, October 21, 2001, San Francisco, CA.

Exhibit: Kruse, R.W., Taylor, K.F., Belmont, P.J., Prahinski, J.R., *“Congenital Hemivertebrae and Occult Intraspinous Anomalies: The Role of Routine Magnetic Resonance Imaging”*, Presented at the American Academy of Orthopaedic Surgeons 2002 Annual Meeting, February, 2002, 2002 Annual Meeting, Dallas, Texas

“Pamidronate Therapy in Children with Osteogenesis Imperfecta”, Presented at the American Academy of Orthopaedic Surgeons 69th Annual Meeting, February 14, 2002, Dallas, Texas.

Exhibit: Kruse, R.W., Sheir-Neiss, G.I., Rahman, T., Jacobson, L., Pelli, J.A., *“Backpack Use as a Risk Factor in Children’s Back Pain”*, Presented at the American Academy of Orthopaedic Surgeons 2002 Annual Meeting, February, 2002, Dallas, Texas

“Common Orthopaedic Problems”, Presented at the American College of Osteopathic Pediatricians 2002 Spring CME Conference, Washington DC, April 19, 2002.

“Backpack Use as a Risk Factor in Adolescents’ Back Pain”, Presented at Pediatric Orthopaedic Society of North America 2002 Annual Meeting, Salt Lake City, Utah, May 5, 2002.

Guest Professorship: *Osteoporosis, Spinal Procedures and Review of Foot Surgeries*, The John Heinz Institute, Wilkes Barre, PA, January, 2003.

“Bone Density and Bone Health In Children And Adolescents: Issues For The New Millennium”, Presented at the American Academy of Orthopaedic Surgeons 2003 Annual Meeting, New Orleans, LA, February 7, 2003.

Guest Professorship: *“Bone Density and Bone Health in Children and Adolescents”*: Issues for the New Millennium, The 18th Annual Combined Orthopaedic Spring Symposium, sponsored by the Hawaii Orthopaedic Association, Honolulu, HI, April 11 and 12, 2003.

“Pearls and Pitfalls in Pediatric Orthopaedics”, Presented at the Cape Cod Conference on Pediatrics, Cape Code, MA, August 2, 2003

“Pediatric Orthopaedic Vignettes”, Presented at the Cape Cod Conference on Pediatrics, Cape Code, MA, August 2, 2003

“Bone Growth and Bone Health in Children and Adolescents”, Presented at the Cape Code Conference on Pediatrics, Cape Code, MA, August 3, 2003

“Obesity and Orthopaedics: Blounts Disease and Slipped Capital Femoral Epiphysis”, Presented at the Medical Management of Obesity and Related Disorders Conference, Wilmington, DE, January 21, 2004

“Assessment of Two Point Discrimination in Children with Upper Limb Trauma”, Poster Presented at the American College of Sports Medicine Conference, Harrisburg, PA, November 2, 2007

“Are Post Operative Radiographs needed after Pinning of Supracondylar Humerus Fractures”, Poster Presented at the Society of Military Orthopaedic Surgeons Conference, Vail, CO, December 10, 2007

“Distal Tibial Physeal Fractures: CT Scan and Intra and Inter Observer Variation in Classification”, Presented at the Society of Military Orthopaedic Surgeons Conference, Vail, CO, December 13, 2007

“Functional Impact of a Long Arm Cast on Daily Activities and Sports in Children and Adolescents”, Presented at the American College of Sports Medicine Conference, Indianapolis, IN, May 28, 2008

“Are Post Operative Radiographs needed after Pinning of Supracondylar Humerus Fractures”, Poster Accepted at the Eastern Orthopaedic Association, Las Vegas, NV, October 22, 2008

“Pearls and Pitfalls of Pediatric Wrist and Forearm Fractures”, Presented at the University of Medicine and Dentistry of New Jersey, Stratford, NJ, July 16, 2008

“The Accuracy of Distal Fibular Salter Harris I Fracture Diagnosis by Emergency Department Physicians”, Poster Presented at the Pediatric Academic Society Conference, Baltimore, MD, May 2, 2009.

“Pearls and Pitfalls of Pediatric Orthopaedics”, Presented at the Nemours Cape Cod Pediatrics Conference, Hyannis, July 31, 2009

“Common Sports Injuries and Return to Play”, Presented at the Nemours Cape Cod Pediatrics Conference, Hyannis, July 31, 2009

“Pediatric Fractures: Trauma, Metabolic, or Abuse”, Presented at the Medical Society of Delaware Orthopaedic Symposium, Newark, DE, October 10, 2009

“Humeral Shaft Fractures”, Presented at the University of Medicine and Dentistry of New Jersey, Stratford, NJ, March 10, 2010.

“Effect of a high-frequency, low-magnitude vibration on bone in children with Osteogenesis Imperfecta”, Presented at the Osteogenesis Imperfecta National Conference, Portland, OR, July 8, 2010.

“Training the Elite Sprint Athlete” Presented at the Track and Field Coaching School, Villanova University, Villanova, PA, July 14, 2010.

“Fractures and Dislocations of the Elbow” Presented at the University of Medicine and Dentistry of New Jersey, Stratford, NJ, August 18, 2010.

“Geographic-Epidemiologic Mapping of Delaware Pediatric Blunt Trauma(2002-2008)” Poster Presented at the American Academy of Pediatrics National Conference, San Francisco, CA, October 3, 2010.

“Impact of Insurance on Pediatric Trauma Mortality (2002-2008)” Poster Presented at the American Academy of Pediatrics National Conference, San Francisco, CA, October 3, 2010.

“The Prevalence and Vitamin D Status Characterization among Children with Osteogenesis Imperfecta”, Poster Presented at the American Society for Bone and Mineral Research Annual Meeting, Toronto, Canada, October 16, 2010

“Impact of Insurance on Pediatric Trauma Mortality (2002-2008)” Poster Submitted to the Delaware Health Science Alliance, Newark, DE, December 10, 2010

“Geographic-Epidemiologic Mapping of Delaware Pediatric Blunt Trauma(2002-2008)” Poster Submitted to The Society of Military Orthopaedic Surgeons Annual Meeting, Vail, Colorado, December 14, 2010

“Impact of Insurance on Pediatric Trauma Mortality (2002-2008)” Poster Submitted to The Society of Military Orthopaedic Surgeons Annual Meeting, Vail, Colorado, December 14, 2010

“Functional Impact of a Long Arm Cast on Daily Activities and Sports in Children and Adolescents”, Presentation Submitted to The Society of Military Orthopaedic Surgeons Annual Meeting, Vail, Colorado, December 14, 2010

“The Prevalence and Vitamin D Status Characterization among Children with Osteogenesis Imperfecta” Poster Submitted to the Society of Military Orthopaedic Surgeons Annual Meeting, Vail, Colorado, December 14, 2010

“Isolated Coronoid Fracture in a child” Poster Presented at International Pediatric Orthopaedic Society, Orlando, FL, December 2010

“Perils and Pitfalls in Pediatrics” Presented to Inova Fairfax Hospital for Children, Grand Rounds, Fairfax, VA, February 3, 2011

“Post Operative Radiographs After Pinning of Supracondylar Humerus Fractures: Are They Necessary?” Presented to The Pediatric Orthopaedic Society of North America, Montreal, Quebec, Canada, May 13, 2011

“The Prevalence and Vitamin D Status Characterisation Among Children with Osteogenesis Imperfecta” Poster Presented at The Pediatric Orthopaedic Society of North America Annual Meeting, Montreal, Quebec, Canada, May 13, 2011

“Perils and Pitfalls in Pediatric Sports Injuries” Presented to Delaware Academy of Family Physicians and the Sports Medicine Community at The Tenth Annual Sports Medicine Symposium, Newark De. February 18, 2012

“Ortho Injuries and Procedures” at the Third Annual Pediatric Peri-Anesthesia Nursing Update, Alfred I. duPont Hospital for Children, Wilmington De. April 28, 2012

Posters: *“Insurance Trauma, and Geo Mapping”* Presented to 4th Annual Delaware Valley Trauma Symposium, Temple University, Philadelphia PA. June 15-16, 2012

“Sports Injuries and Return to Sports” Lecture given to PCOM, Hershey, PA. June 29, 2012.

“*Treatment/Post Operative Pain in Children*” Lecture given to National OI Foundation, Arlington, VA. July 12 – 13, 2012.

“*Transition of Care: How Orthopedic Surgeons Can Be Involved*” Poster presentation to Houston Healthcare Transition Research Consortium Research Day, Houston TX. October 17, 2012

PUBLISHED BOOK REVIEWS:

"Total Joint Replacement", William Petty (ed) W.B. Saunders 1991, Military Medicine.

"Joint Replacement Arthroplasty", Bernard F. Morrey (ed) in Military Medicine 157, November 1992.

PUBLICATIONS: (Peer-Reviewed Journals)

Kruse, R.W., Bowen, J.R., and Heitoff, S.: "*Oblique Tibial Osteotomy in the Correction of Angular Deformity in Children*" - Journal of Pediatric Orthopaedics, 9; 476-482, 1989.

Kruse, R.W., Fracchia, M., Boos, M., and Bowen, J.R.: "*Gore Tex Fabric as a Castliner in Children*" - Journal of Pediatric Orthopaedics, Nov/Dec 1991.

Kruse, R.W., Guille, J.T., Bowen, J.R.: "*Role of Shelf Arthroplasty in Perthes Disease: A Long Term Follow-Up*" - Journal of Bone and Joint Surgery, 73A, November 1991.

Kruse, R.W., Tassanawippas, A., and Bowen, J.R.: "*Orthopaedic Aspects of Meningococemia*" - Orthopaedics, 14:2; 174-178, 1991.

Cameron, S.E., Travis, M.T., and Kruse, R.W.: "*Foreign Body Arthroscopically Retrieved from the Elbow. Arthroscopy*" - The Journal of Arthroscopic and Related Surgery, 9;2: 1993.

Beauchesne, R., Kruse, R.W., Stanton, R.P.: "*Inferior Dislocation (Luxatio Erecta) of the Hip*" - Orthopaedics, 17:1; 72-75, January 1994.

Temple, H.T., Kruse, R.W., and vanDam, B.E.: "*Lumbar and Lumbosacral Fusion Using Steffee Instrumentation*" - Spine, 19:5; 537-541, 1994.

Kruse, R.W. and Chen, Jr.: "*Accessory Bones of the Foot, Identification and Significance*" - Military Medicine, 160:9; 464-467, September 1995.

McClindon, R. J. and Kruse, R.W.: "*Measurement of Rib Vertebral Angle Difference: Intra-Observer Error and Inter-Observer Variation*" - Spine, Vol. 2, pp. 198-199, January 1997.

Kruse, R.W., Simon, R.G., Stanton, R.P., Grissom, L.E. and Conard, K.: "*Mesenchymal Chondrosarcoma of the Cervical Spine in a Child*" - American Journal of Orthopaedics, pp. 279-282, April 1997.

Albracht, D.A., Falcone, J., and Kruse, R.W.: "*A Retrospective Study of Outcomes in the Treatment of Spondylolysis and Spondylolisthesis in Children*" - Journal of the American Osteopathic Academy of Orthopaedics, Vol. 34, pp. 44-52, September 1997.

Kruse, R.W., Harkke, H.T., and Minch, C.: Letter to the Editor, Pediatric Emergency Care, Jan. 1997, in Response to Stewart, G.M. and Rosenberg, N., - "Conditions Mistaken for Child Abuse, Part I". Pediatric Emergency Care, Vol. 12, No. 2: 116-121.

Miller, K.A. and Kruse, R.W.: "*duPont Hospital for Children: Brief History*" - Delaware Medical Journal, Vol. 69, pp.563-567, November 1997.

Beck, Jr., T.D., Miller, K. and Kruse, R.W.: "*An Unusual Presentation of Intoeing in a Child*" - The Journal of the American Osteopathic Association, January 1998, Vol. 98, No. 1, Page 48 – 50.

Minch, C. and Kruse, R.W.: "*Osteogenesis Imperfecta: A Comprehensive Review*" - Orthopaedics, 21:5, pp. 558 – 569, May 1998.

Kruse, R.W.: "*Evaluation of Knee Injuries*" - Handbook of Sports Medicine, Second Edition, 1998.

DeVries, W. H. and Kruse, R.W.: "*Is There A Relationship Between Hypertension and Lower-Extremity Contracture Release in Cerebral Palsy*" - The American Journal of Orthopaedics, Vol. 27:6, pp. 421 – 422, June 1998.

Moore, M., Minch, C., Kruse, R.W., Harkke, T.H., Jacobson, L. and Taylor, A.: "*The Role of Dual Energy X-Ray Absorptiometry (DXA) in Aiding the Diagnosis of Pediatric Osteogenesis Imperfecta*" - The American Journal of Orthopaedics, Vol. 27:12, pp. 797 – 801, December 1998.

Cuevas DeAlba, C. and Kruse, R. W.: "*Gorham's Disease Involving the Femur*"- Orthopaedics

Duffy, T.N., Kruse, R.W., Massood, S. and Wong, J.: "*Fortuitous Diagnosis of Iliac Osteomyelitis - Septic Arthritis of the Hip in the Neonate*" - The Journal of the American Osteopathic Association, Vol. 98:12, pp. 689 - 694, December 1998.

Becker, C.A., Keeler, K.A., Kruse, R.W. and Shah, S.: "*Complications of Blade Plate Removal*" - Journal of Pediatric Orthopaedics, Vol. 19:2, pp. 188 – 193, March/April 1999.

Liggio, F.J. and Kruse, R.W.: "*Split Tibialis Posterior Tendon Transfer with Concomitant Distal Tibial Derotational Osteotomy in Children with Cerebral Palsy*" –Journal of Pediatric Orthopaedics, Vol. 21(1), pp. 95-101, January/February 2001.

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COMMUNITY SERVICE

United States Track and Field

Level I Coaching Certification
Villanova University 2006

Level II Coaching Certification
Loyola University of Chicago 2007

Head Coach Track Team Ursuline Academy
Wilmington, Delaware, 2004- 2009

Head Cross-Country Coach Ursuline Academy
Wilmington, Delaware, 2004- 2009

Assistant Cross-Country Coach Archmere Academy
Wilmington DE, 2009-Present

Assistant Track Team Coach Archmere Academy
Wilmington DE, 2010- Present

Physician Teacher, National Youth Leadership Forum
Wilmington, DE, 2010- Present

SUPPORT

Formation of an Osteogenesis Imperfecta Database Grant - From Nemours Foundation

Pamidronate Administration in Children with Severe Osteogenesis Imperfecta – From Nemours Foundation – 1999.

Back Pain in Children: Is Backpack Use a Quantifiable Risk Factor – From Nemours Foundation – 2000.

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