# John A. Herring, M.D.

#### **Editorial Positions**

Instructional Case Editor

Journal of Pediatric Orthopedics

Editorial Board Associate Editor, Pediatrics (2001-2007) Journal of the American Academy of Orthopaedic Surgeons

Editorial Board
International Journal of Disorders of the Hip

Editorial Board, Associate Member *Spine* 

## **Published Unrefereed Articles**

- Crawford, Alvin H. and Herring, John A.: Experience and Current Concepts in the Treatment of Congenital Dislocation of the Hip at NRMC San Diego, *U. S. Navy Medicine*, Vol. 66, No. 3, September 1975, p. 22-25.
- Crawford, Alvin H.; Jones, Clyde W.; Perisho, Jerry A. and **Herring, John A.**: Hypnosis for Monitoring Intraoperative Spinal Cord Function, *Anesthesia and Analgesia*, Vol. 55, No. 1, January-February 1976.
- **Herring, John A.**: Legg-Calve-Perthes Disease: A Review of Current Knowledge, *Instructional Course Lectures*, United States, Vol. 38, 1989, p. 309-315.

## **Published Referred Articles**

- **Herring, John A.**: Rapidly Progressive Scoliosis in Multiple Epiphyseal Dysplasia: A Case Report, *Journal of Bone and Joint Surgery*, 58A(5):703-704, 1976.
- **Herring, John A.**: The Spinal Disorders in Diastrophic Dwarfism, *Journal of Bone and Joint Surgery*, 60A(2):177-182, 1978. *Excerpta Medica*, Vol 24, 1979, #190, p. 30.
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- **Herring, John A.**; Lundeen, Mark A., and Wenger, Dennis R.: Minimal Perthes' Disease. *Journal of Bone and Joint Surgery*, 62B(1):25-26, 1980. *Excerpta Medica*, Vol. 25, #3760, p. 550.
- Wenger, Dennis R.; Jeffcoat, Thomas B.; and **Herring, John A.**: The Guarded Prognosis of Physeal Injury in Paraplegic Children. *The Journal of Bone and Joint Surgery*, 62A(2):241-246, 1980.
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- **Herring, John A.** and Crawford, Alvin M.: Severe Genu Recurvatum. *Journal of Pediatric Orthopaedics*, 2(1):97-100, 1982.
- **Herring, John A.** and Fielding, J. William: Cervical Instability in Down's Syndrome and Juvenile Rheumatoid Arthritis. *Journal of Pediatric Orthopaedics*, 2(2):205-207, 1982.
- **Herring, John A.** and Catterall, Anthony: Post-Traumatic Femoral Head Lesions. *Journal of Pediatric Orthopedics*, 2(3):325-328, 1982.
- Wenger, Dennis R.; Carollo, James J.; Wilkerson, James A.; Wauters, Keith, and **Herring, John A.**: Laboratory Testing of Segmental Spine Instrumentation Versus Traditional Harrington Instrumentation for Scoliosis Treatment. *Spine*, 7(3):265-269, 1982.
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- **Herring, John A.**, Legg-Calve-Perthes Disease at 100: A Review of Evidence-Based Treatment, *Journal of Pediatric Orthopaedics*, 31(2) Supplement:S137-141, 2011. **PMID: 21857427**
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- Kono, J., Kawakami, N., Uno K., Ito, M., Minami, S., YOanagida, H., Taneichi, H., Hosono, N., Tsuji, T., Suzuki, T., Sudo, H., Kotani, T., Yonezawa, I., Londono, D., Gordon, D., Herring, J.A., Watanabe, K., Chia, K., Kamatani, N., Jiang, Q., Hiraki, H., Kubo, M., Toyama, Y., Tsunoda, T., wise, C.A., Qui, Y., Sukunami, C., Matsumoto, M., Ikegawa, S.: Genetic Variants in GPR126 are Associated with Adolescent Idiopathic Scoliosis. *Nat Genet*, 45(6):676-9, 2013 PMID: 23666238
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# **Documentary Film**

Fight to the Finish: Stories of Polio

DeBakey – A Documentary Film

#### Videos

Normal Gait

Application of TSRH Instrumentation Posterior Approach
Anterior Approach
Double Curve

Withstanding Ovation

# **Book Chapters**

- **Herring, John A.**: Pediatric Orthopaedics. <u>In Practical Pediatric Therapy</u>. Heinz F. Eichenwald and Josef Stroder (editors). VCH Publishers, Inc., Deerfield Beach, Florida, 1984.
- **Herring, John A.**: Indications, Patient Selection and Evaluation in Pediatric Orthopedics. <u>In</u> *Segmental Spinal Instrumentation*, Eduardo R. Luque (editor). SLACK Inc., Thorofare, New Jersey, 1984.
- **Herring, J. Anthony:** Decubitus Ulcer. <u>In</u> *Current Therapy in Pediatric Infectious Disease*, John D. Nelson, M.D. (editor). B. C. Decker, Inc., Burlington, Ontario, Canada, 1986.
- Johnston, Charles E. and **Herring, John A.**: The Foot in Cerebral Palsy. <u>In</u> *The Foot Disorders and Management*, B. Heal and D. Wilson (editors). Churchill Livingstone, Edinburgh, 1988.
- **Herring, John A.,** Hair, M., Short, D. and Browne, R.: Comparison of a Computerized System of Analysis (Gross-Harry) of Legg-Perthes Radiographs with Radiographic Measurement by Physicians. <u>In</u> *Behavior of the Growth Plate*, Hans K. Uhthoff and James J. Wiley (editors). Raven Press, New York, 1988.
- Birch, John G.; **Herring, John A.** and Kramer, Jurgen: Orthopaedic Disorders. <u>In</u> *Current Therapy in Pediatrics 2*, Heinz F. Eichenwald and Josef Stroder (editors). B.C. Decker, Inc., Philadelphia, 1989.
- **Herring, John A.**: Legg-Calve-Perthes Disease: A Review of Current Knowledge. <u>In</u> *Instructional Course Lectures*, Joseph S. Barr Jr.(editor). American Academy of Orthopaedic Surgeons, Park Ridge, Illinois, 1989.
- **Herring, John A.**: Congenital Dislocation of the Hip. <u>In</u> *Lovell and Winter's Pediatric Orthopaedics*, Third Edition, Raymond T. Morrissy (editor). J. B. Lippincott,

- Philadelphia, 1990.
- Ashman, Richard, **Herring, John A.** and Johnston, Charles E.: Texas Scottish Rite Hospital (TSRH) Instrumentation System. <u>In</u> *The Textbook of Spinal Surgery*, Keith Bridwell and Ronald DeWald (editors). J. B. Lippincott, Philadelphia, 1991.
- Johnston, Charles E., **Herring, John A.** and Ashman, Richard: Texas Scottish Rite Hospital (TSRH) Instrumentation System. <u>In Spinal Instrumentation</u>, Howard S. An and Jerome M. Cotler (editors). Williams & Wilkins, Baltimore, 1992.
- Birch, John G., **Herring, John A.** and Hedtmann, Achim: Orthopaedic Disorders. <u>In Pediatric Therapy</u>, Third Edition, Heinz F. Eichenwald and Josef Stroder (editors). Mosby-Year Book, Inc., 1993.
- **Herring, John A.**: Management of Legg-Calve-Perthes Disease. <u>In Operative Orthopaedics</u>, Second edition, Michael W. Chapman (editor). J. B. Lippincott Company, Philadelphia. 1993.
- **Herring, John A.**: Surgical Techniques of Anterior Spinal Fusion. <u>In</u> *The Pediatric Spine: Principles and Practice*, Stuart Weinstein (editor). Raven Press, New York. 1993.
- Ashman, Richard B., **Herring, John A.,** Johnston, Charles E., Lowery, Gary L. and Sutterlin, Chester E.: *TSRH Universal Spinal Instrumentation*, Hundley & Associates, Inc., 1994.
- **Herring, John A.** and Cummings, Don: The Limb Deficient Child. <u>In</u> *Lovell and Winter's Pediatric Orthopaedic*, 4th Edition. Ray Morrissy and Stuart Weinstein (editors). Lippincott-Rayen Publishers, Philadelphia, 1996.
- Song, Kit M., Johnston, Charles E., and **Herring, John A.:** Cerebral Palsy. <u>In</u> *Surgery of Disorders of the Foot and Ankle*, Basil Heal, David I Rowley, Andrea Cracchiolo, III, and Mark Myerson (eds). Martin Dunitz Limited, London, England, 1996.
- **Herring, John A.**: Posterior TSRH Instrumentation. Anterior TSRH Instrumentation. In Spine: Master Techniques in Orthopaedic Surgery, Roby C. Thompson, Jr. Series Editor, David Bradford Volume Editor. Lippincott-Raven Publishers, New York. 1997
- **Herring, John A.:** Legg-Calvé-Perthes Disease. <u>In</u>: *Pediatric Orthopaedic Secrets*, Lynn T. Staheli (ed). Hanley & Belfus, Inc. Philadelphia, 1997.
- Herring, John A.: Legg-Calve-Perthes Disease. <u>In</u> *Essence of Office Pediatrics*, James A. Stockman III, M.D. and Jacob A. Lohr, M.D., editors. W.B. Saunders Company, Philadelphia. 2001.
- **Herring, John A.:** Anterior Spinal Surgery. <u>In Pediatric Spine Surgery</u>, Stuart L. Weinstein, M.D., editor. Lippincott Williams & Wilkins, Philadelphia. 2001.
- **Herring, John A.**: Perthes Disease: Natural History, Results of Treatment and Controversies.

<u>IN</u> *Controversies in Hip Surgery*, Robert Bourne, Editor. Oxford University Press, New York, 2003.

- **Herring, John A.**: Legg-Calve-Perthes Disease: How Should It Be Treated? <u>IN</u> Evidence-Based Orthopaeics. The Best Answers to Clinical Questions, James g. Wright, editor. Saunders Elsevier, Philadelphia. 2009.
- **Herring, John A.,** Cummings, Donald R.: Lower Limb Prosthetics. <u>IN</u> *Orthopaedic Knowledge Update Pediatrics*, Kit M Song editor. American Academy of Orthopaedic Surgeons, Rosemont, IL, 2011.

## **Books**

**Herring, John A.:** Legg-Calvé-Perthes Disease. American Academy of Orthopaedic Surgeons, Rosemont IL, 1996.

*The Limb Deficient Child, A Shrine Symposium.* **Herring, John A.** and Birch, John G., editors. American Academy of Orthopaedic Surgeons, Rosemont IL, 1998.

Tachdjian's Pediatric Orthopaedics, from the Texas Scottish Rite Hospital for Children, 3rd edition. **Herring, John A.**, editor. W. B. Saunders, Philadelphia. 2001.

Tachjdian's Pediatric Orthopaedics, from The Texas Scottish Rite Hospital for Children, 4<sup>th</sup> edition. **Herring, John A.**, editor. Philadelphia, 2007.

## **Papers and Lectures Presented**

"Salter Innominate Osteotomy: A Retrospective Analysis of 49 Cases" Mumme, Marvin E. and Herring, John A.: Texas Orthopaedic Association meeting, Dallas, Texas, May 1976.

Instructor, Orthotics and Prosthetics Seminar, Galveston, Texas, October 1976.

- "The Turco Posteromedial Release: A Review of 72 Procedures" Aston, J.W., Carrell, B., Herring, John A. and Schneider, R.W. Orthopaedic Transections, 1(1):107, 1977. American Academy of Orthopaedic Surgeons Meeting, Las Vegas, Nevada, February 1977; Annual Alumni meeting, Combined Harvard Orthopaedic Training Program, Boston, Mass., April 1977.
- "Current Treatment of the Clubfoot" North Texas Chapter, Western Orthopaedic Association meeting, Horseshoe Bay, Texas, September 1977.
- "A New Procedure of the Care of the Resistant Clubfoot" Southern Medical Association meeting, Dallas, Texas, November 1977.
- "Harrington Instrumentation and Laminar Wiring" Pediatric Orthopaedic Study Group meeting, San Antonio, Texas, December 1977.

- "The Minimal Perthes Syndrome" Pediatric Orthopaedic Study Group meeting, Rochester, Minnesota, September 1978.
- "Common Foot Deformities in Infants and Children Growing Pains" Children's Orthopaedics for Family Physicians and Pediatricians, Dallas, Texas, November 1978.
- "Prosthetics in Children" "Orthotic Treatment of Scoliosis" Texas Orthotics and Prosthetics Course, Dallas, Texas 1979.
- "Foot Problems in Children" Musculoskeletal Disease in the Primary Care Office, Dallas, Texas, February 1979.
- "General Principles of Amputation in Children" "Amputations in the Foot and Ankle" Seminar on Amputations and Prosthetics in Children, Dallas, Texas, April 1979.
- "Juvenile Congenital Amputations" American Orthotics Prosthetics Association Region VIII Meeting, San Antonio, Texas, June 1979.
- "Segmental Wiring of the Bone with Harrington Instrumentation and Spine Fusion: A Report of 23 Consecutive Cases" *Orthopaedic Transactions*, 4:38, 1980. Scoliosis Research Society 14th Annual Meeting, Seattle, Washington, September 1979.
- "External Skeletal Fixation for Post-operative Immobilization of the Clubfoot". *Orthopaedic Transactions*, 4:59, 1980. Pediatric Orthopaedic Society meeting, New Orleans, Louisiana, November 1979.
- "An Approach to the Child who Limps" "Developing the Potential of the Handicapped Child" Southern Medical Society of Puerto Rico, Ponce, Puerto Rico, November 1979.
- "Congenital and Childhood Amputee" American Orthopaedic Foot Society 1980 Annual meeting, Atlanta, Georgia.
- University of Texas Health Science Center at Dallas Continuing Education Course. University of Texas Health Science Center at Dallas. April 11-12, 1980. "Foot Problems in Children".
- "The Hip Suit" Pediatric Orthopaedic Study Group Annual meeting, Montreal, Quebec, May 1980; Pediatric Orthopaedic Society of North America meeting, Rancho Santa Fe, California, October 1980.
- "Comparative Mechanics of Segmental Spinal Instrumentation vs. Traditional Harrington Instrumentation in Scoliosis Treatment Laboratory Analysis. Scoliosis Research Society meeting, Chicago, Illinois, September 1980.
- "Adaptability in Children" "Minimal Legg-Perthes Disease" Durham Memorial Lectureship, Shriners Hospital for Crippled Children, Shreveport, Louisiana, March 1980.

- "Early Complications of Segmental Spine Instrumentation" Segmental Spine Instrumentation Group meeting, Mexico City, Mexico, April 1981.
- "Ligamentous Laxity and the Pediatric Orthopaedist" Pediatric Orthopaedic Study Group, Nashville, Tennessee, April 1981.
- Segmental Spinal Instrumentation A Post-Graduate Course. Children's Hospital, New Orleans, Louisiana. "Segmental Spinal Instrumentation for Cerebral Palsy".
- "Legg-Perthes Disease When Not to Treat" "Problem Fractures in Children" and "Talipes Equinovarus" (panel discussion). "The History and Evolution of Segmental Spinal Instrumentation" "The Incredible Adaptability of the Limb Deficient Child" Pediatric Orthopaedic International Seminar, Chicago, Illinois, May 1981.
- "Early Complications on Segmental Spinal Instrumentation" Moderator of Symposium on Segmental Instrumentation. Presented movie on "Early Complications of Segmental Spinal Instrumentation" Scoliosis Research Society Meeting, September 16-18, 1981. Montreal, Canada.
- "Clubfoot" "Surgical Treatment of Spine Deformity" "Toe Walker," Problems of the Spine and Lower Extremity in the Child, American Academy of Orthopaedic Surgeons Continuing Education Course, San Diego, California, September, 1981.
- "Legg-Calve-Perthes Disease When not to Treat" "Segmental Spinal Instrumentation" Children's Orthopaedic Day, The Children's Hospital, Denver. Denver Colorado, April 1982.
- "Legg-Calve-Perthes Disease" "The Luque System of Spinal Instrumentation" Henry Ford Hospital, Department of Orthopaedic Surgery, Detroit, Michigan, September 1982.
- American Academy of Orthopaedic Surgeons Continuing Education Course, "The Pediatric Athlete is Different" San Antonio, Texas, November 1982.
- Legg-Perthes Study Group, Philadelphia, Pennsylvania, January 1983.
- American Academy of Orthopaedic Surgeons Conference on Sports for the Handicapped Child, Winter Park, Colorado, April 1983.
- Pediatric Orthopaedic Study Group meeting, Charlottesville, Virginia, May 1983.
- Tachdjian Course on Pediatric Orthopaedic, Chicago, Illinois, June 1983. Legg-Perthes Study Group, Chicago, Illinois, July, 1983.
- Shriners Hospital, Houston, Texas "Segmental Spinal Instrumentation," August 30, 1983.

Scoliosis Research Society Annual Meeting, New Orleans, Louisiana, September 1983.

Seminar on Sports for the Handicapped, Colorado Springs, Colorado, November 1983.

Legg-Perthes Study Protocol Presentation. Scoliosis Research Society Meeting, Atlanta, Georgia, September 1984.

Brandon Carrell Visiting Professorship, Dallas, Texas, March 30-31, 1984.

"Outdoor Sports for the Handicapped".

"Legg-Perthes Study Protocol". Pediatric Orthopedic Society meeting, Vancouver, British Columbia, May 1984.

Scoliosis Research Society meeting, Orlando, Florida, September 18-23, 1984.

AAOS Course on Spinal Deformities -Current Issues and Answers, Kiawah Island, S. C., November 3, 1984.

Adjuncts to Posterior Fixation Segmental Instrumentation: Its Role in Idiopathic Scoliosis, Early Complications: Short-term Results of Neuromuscular Scoliosis: Who Needs Surgery and Why? Treatment of Scheuermann's Disease.

AAOS Annual Meeting, Las Vegas, Nevada, January 23-27, 1985.

Brandon Carrell Visiting Professorship, Dallas, Texas, March 15-16, 1985.

Children's Hospital Medical Center, March 22-23, 1985, Cincinnati, Ohio. "Legg-Perthes Disease - The Rationale for Treatment"; "What's New in Scoliosis?"; "Syme's Amputation - A Look at Function".

Auckland Hospital, Auckland, New Zealand "Legg-Perthes Disease - The Rationale for Treatment"; "What's New in Scoliosis?"; "Syme's Amputation - A Look at Function".

Royal Children's Hospital July, 1985, Parkville, Victoria, Australia "Legg-Perthes Disease - The Rationale for Treatment"; "What's New in Scoliosis?"; "Syme's Amputation - A Look at Function".

AAOS Annual Meeting, February 20-25, 1986, New Orleans, Louisiana.

AAOS Tutorial, Texas Scottish Rite Hospital, Dallas, Texas, March 14, 1986.

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, Dallas, Texas, March 1986.

Zielke Instrumentation Course, Germany, April 1986.

AAOS 3 day course - Cincinnati, Philadelphia, Chicago, Boston, May 1-5, 1986 "The Scenic Route to Cincinnati" "LCP Multi-Center Study - Progress Report".

Pediatric Orthopaedic Society Annual Meeting, May, 1986.

Ottawa Meeting, May, 1986

Riley Hospital, Indianapolis, Indiana, July, 1986

Scoliosis Research Society meeting, September, 1986, Bermuda

Rehabilitation Symposium, Ontario Orthopaedic Association Course, October, 1986 Toronto, Ontario, Canada

AAOS Annual Meeting, January 20-25, 1987, San Francisco, California

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, April 23 - April 25, 1987

St. Louis University Medical Center, Visiting Professor, April 30-May 3, 1987, St. Louis, Missouri

University of Ottawa. 14th Annual Applied Basic Science Course, May 13-15, 1987. Faculty Ottawa, Ontario, Canada. "The Femoral Capital Epiphysis"

Pediatric Orthopaedic Society of North, America Annual Meeting, May 17-20, 1987. Toronto, Ontario, Canada. "Legg-Perthes"

American Academy of Orthopaedic Surgeons Course - Operative and Nonoperative Techniques in Children's Orthopaedics. Dallas, Texas. Course Chairman. "Legg-Perthes Disease," "Scheuermann's and Round Back" "Major Anomalies, Upper and Lower Extremities".

Dallas Short Course: Orthotics and Prosthetics

University of Texas Health Science Center at Dallas. Dallas, Texas, October 29-31, 1987. "Management of Congential Limb Deficiencies" "Prosthetic and Abnormal Gait".

AAOS Annual Meeting, Atlanta, Georgia, February 5-9, 1988

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, April 14 and 15, 1988

Scoliosis Research Society, September 29-October 2, 1988, Baltimore, Maryland

AAOS Annual Meeting, Las Vegas, Nevada, February 11-14, 1989

Brandon Carrell Visiting Professorship, April 14 and 15, 1989

Pediatric Orthopaedic Society Annual Meeting, May 18-21, 1989, Hilton Head, South Carolina

AAOS Annual Meeting, February 9-11, 1990, New Orleans, Louisiana

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, April 12 and 13, 1990

AAOS Course, April 19-21, 1990, "Current Controversies in Pediatric Orthopaedics"

POSNA Annual Meeting, May 6-9, 1990, San Francisco, California

POSNA International Meeting, September 6-7, 1990, Montreal, Canada

Scoliosis Research Society Annual Meeting, September 23-27, 1990, Hawaii

Visiting Professor, University of Nuevo Leon, November 8-10, 1990, Monterrey, Mexico "New Classification of Perthes Disease"; "Deslizamiento Epifisiario Femoral"; "Deficiencia Femoral Proximal"; "Amputations in Children"

AAOS Annual Meeting, Chicago, Illinois, March 7 - 11, 1991

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, Dallas, Texas. May 9 and 10, 1991

AAOS Course, "Challenges to the Pediatric Orthopaedist", Texas Scottish Rite Hospital, Dallas, Texas. May 12, 1991

POSNA Annual Meeting, Dallas, Texas, May 13 - 15, 1991

AOA Meeting, June 10 - 13, 1991

Tutorial "TSRH Spinal Instrumentation", Texas Scottish Rite Hospital for Children, Dallas, Texas. July 12, 1991.

SRS Annual Meeting, Minneapolis, Minnesota, September 24 - 27, 1991

Allied Health Symposium, U. of Massachusetts Medical Center, October 10-12, 1991. Sturbridge, Massachusetts. "Congenital Hip Disease"; "Spinal Deformities"; "Legg-Calve-Perthes Disease"

AOA Annual Meeting, November 8-10, 1991, Washington, D. C.

Tutorial - "TSRH Spinal Instrumentation", Texas Scottish Rite Hospital for Children. Dallas, Texas, December 13, 1991.

AAOS Annual Meeting, Washington, D.C., February 21 - February 23, 1992

Pediatric Orthopaedic Society of North America Tutorial - "TSRH Spinal Instrumentation", Texas Scottish Rite Hospital for Children, Dallas, Texas. March 27, 1992

Scoliosis Research Society, Tutorial "TSRH Spinal Instrumentation". Texas Scottish Rite Hospital for Children. Dallas, Texas April 17, 1992

POSNA Annual Meeting, Newport, Rhode Island. May 5 - May 7, 1992

Brandon Carrell Visiting Professorship, Texas Scottish Rite Hospital, May 14 and 15, 1992

GEER Meeting, Valencia, Spain, June 3 - June 7, 1992

AOA Combined Meeting, Toronto, Ontario, Canada, June 22 - June 26, 1992

SRS Annual Meeting, Kansas City, Missouri, September 22 - September 25, 1992

AAOS Course - Current Management of Pediatric Orthopaedic Disorders, Rancho Mirage, California. November 1 - November 4, 1992. "Legg-Calve-Perthes Disease - Patient Management, Nonoperative and Operative"; "Cerebral Palsy - Principles of Management Of Lower Extremities and Spine"; "Case Discussions: Pediatric Amputee"

Spinal Science Advancement Foundation, Tutorial - "Specialized Spinal Instrumentation Applications; Pediatric Deformities". Texas Scottish Rite Hospital for Children. Dallas, Texas November 13, 1992.

POSNA Tutorial. "Juvenile Amputee Tutorial". December 4, 1992

Techniques in Spinal Instrumentation. "Posterior Instrumentation with TSRH for Adolescent Idiopathic Scoliosis", New York City, December, 1992.

Argentine Society of Pediatric Orthopaedics and Traumatology, Buenos Aires, Argentina October 3 - 6, 1993.

"Legg-Calve-Perthes Disease, Classification, Treatment and Prognosis", "New concepts in spinal instrumentation"

Pediatric Limb Deficiencies, January 20-22, 1994. Scottish Rite Children's Medical Center, Atlanta, Georgia. "Management of the Total Child/Family - The Big Picture", "Analysis of Pathological Gait", "Residual Limb Lengthening",

American Academy of Orthopaedic Surgeons, 1994 Annual Meeting, New Orleans, Louisiana, February 21-24, 1994. "Torsional Stiffness of a Unilateral Rod Construct Versus the Standard Scoliosis Construct"

Pediatric Orthopaedic Society of New Zealand, Christchurch, New Zealand, March 14, 1994 "Legg-Calve-Perthes Disease"; "Congenital Dislocation of the Hip"

Combined Meeting of Spinal and Paediatric Section of Western Paediatric Orthopaedic Association Taipei, Taiwan. April 27 - 30, 1994. "Torsional stability of a unilateral construct compared to the standard two-rod scoliosis construct", "Perthes Disease".

3rd International Congress on Spine Surgery in Turkey, Antalya, Turkey, October 2 - 6, 1994 Scoliosis - A Round Table Discussion; "Single Rod Construct Idiopathic Scoliosis"

Scoliosis Research Society, Tutorial - "Management of Severe Spinal Deformities in Young Children". Texas Scottish Rite Hospital, Dallas, Texas. November 1994

Southwestern Orthopaedic Recertification Review, Faculty Member, Dallas, Texas January 20-22, 1995. "Congenital Abnormalities"

Pediatric Orthopaedic Society of North America, Tutorial - *Management of Severe Spinal Deformity in Young Children*, March 31, 1995. Case Presentations

Pediatric Orthopedic Society of North American, Tutorial - *Pediatric Office Orthopaedics* Dallas, Texas. May 21, 1995. "Legg Perthes"; "Slipped Capital Femoral Epiphysis" "Scoliosis and Spinal Deformity"

Brandon Carrell Visiting Professorship, Dallas, Texas. June 16 - 17, 1995 Moderator - Pediatric Orthopaedics: Current Techniques

Hilton Head, South Carolina, October 13-15, 1995. "LCPD: Evaluation and decision-making" "Congenital Limb Deficiency: Fibular hemimelia, fibular hemimelia, femoral hypoplasia" Moderator - Lower Extremity Problems

Southwestern Orthopaedic Recertification Review, Faculty Member, Dallas, Texas January 19-21, 1996. "Congenital Abnormalities"

Ste. Justine Pediatric Orthopedic Review Course, Faculty Member, Montreal, Quebec, Canada April 10-12, 1996. "Congenital Anomalies of the Cervical Spine in Children"; "Congenital Anomalies of the Lower Limb"; "Perthes Disease: Current Concepts"

Pediatric Orthopaedic Society of North American Annual Meeting, Faculty Member - One Day Course, May 12, 1996. Controversies: The Pediatric Hip

"The Brace of Choice for Infants with DDH is the Pavlik Harness" (debate - Pro position)

"The Lateral Pillar Classification is the new 'Gold Standard' for Perthes Disease" (debate - Proposition)

Pediatric Orthopaedics: Current Techniques, Phoenix, Arizona. October 3-6, 1996 "Legg-Calve-Perthes Disease: Update on Decision Making"; "Congenital Limb Deficiencies"

John E. Hall Symposium, Boston, Massachusetts, October 11-12, 1996 "The History of Polio and the Beginnings of Pediatric Orthopaedics"

Pediatric Orthopaedic Surgery of the Hip and Elbow, Rosemont, Illinois. October 25-27, 1996 "Anterolateral Open Reduction of DDH"; "LCPD: Role of Femoral and Pelvic Osteotomies"

SRS Tutorial, Severe Spinal Deformities in Young Children, Dallas, Texas. November 8, 1996 "Osteotomies + Halo Traction"; "ECMO Case"; Case Reports - "Juvenile Scoliosis with Crankshaft" "Juvenile Scoliosis without Crankshaft" and "Congenital Dislocated Spine"

American Academy of Orthopaedic Surgeons, Instructional Course – Moderator. February 14, 1997

American Academy of Orthopaedic Surgeons, New Orleans, LA, March 21, 1998 Instructional Course – Moderator, Legg-Calve-Perthes Disease: Current Concepts

American Academy of Orthopaedic Surgeons, New Surgical Perspectives on the Pediatric December 4-6, 1998, Foot and Hip, Faculty Member

American Academy of Orthopaedic Surgeons, Anaheim, California, February 4-8, 1999 Instructional Course – Moderator: Legg-Calve-Perthes Disease: Current Concepts

Gait and Clinical Movement Analysis Society, Dallas, Texas, March 11, 1999. Presidential Guest Lecturer: "The Lessons of Polio"

Pediatric Orthopedic Society of North America, Orlando, Florida, May 15-18, 1999 One Day Instructional Course, Angular Deformities of the Lower Extremities, "Posteromedial Bow tibia"

Grand Rounds Presentation, Harvard Combined Orthopaedic Residency Program Boston, Mass. February 1-3, 2000 "A Fight to the Finish: Stories of Polio"

American Academy of Orthopaedic Surgeons, Moderator -Instruction Course Lecture "Legg-Calve-Perthes Disease: Current Concepts" March 16, 2000.

2000 Graduation Grand Rounds, Texas Tech University - Dept of Orthopaedics Lubbock, Texas. June 2-3, 2000. "Legg-Perthes"; "Polio"

American Academy of Orthopaedic Surgeons, Orthopaedic Update, New York, New York October 17, 2000. "Advances for Child Amputees"

Polish Pediatric Orthopaedic Society Meeting, Lodz, Poland. June 14-16, 2001 "The Results of the Prospective Multi-Center Study of Legg-Perthes Treatment"

Current Issues in the Pediatric Hip, Atlanta, Georgia. March 23-24, 2001 Faculty Member

International Pediatric Orthopaedic Think Tank, Monterey, California. October 25-27, 2001 "The Agony of the Study"

Pediatric Orthopaedic Society of North America, Amelia Island, Florida. May 1-4, 2003

"Legg-Calve-Perthes Disease: A multicenter Trial of Five Treatment Methods" "The Effects of Treatment upon Acetabular Development in Perthes Disease"

Brandon Carrell Visiting Professorship, Program Director, Dallas, Texas June 26 & 27, 2003. "Perthes Study Update"

University of New Mexico, Albuquerque, New Mexico. Study Group meeting August 20-22, 2004

American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California March 9-14,2005. "A Prospective, Long-Term Study of Legg-Perthes Disease"

American Academy of Orthopaedic Surgeons Annual Meeting, Washington, DC February 23-26, 2005. Symposium "What's New in Pediatric Orthopedics"

Pediatric Orthopaedic Society of North America Annual Meeting, Ottawa, Ontario, Canada May 9-15, 2005. Mapping Susceptibility to Adolescent Idiopathic Scoliosis

15<sup>th</sup> Annual Baltimore Limb Deformity Course, Pre-Course Symposium Lengthening Reconstruction for Congenital Limb Deficiencies, Baltimore, Maryland September 2-3, 2005. "Results of Symes Amputation for Fibular Hemimelia" Debate "Amputation vs. Lengthening Reconstruction for Fibular Hemimelia" "Amputation for Tibial Hemimelia"

"Symes vs. Rotationplasty for Congenital Femoral Deficiency"

Debate "Lengthening vs Amputation Surgery for Congenital Femoral Deficiency"

EPOS/IFPOS Combined Meeting, One-Day Pre-Course Meeting, Fibular Hemimelia April 11, 2007. Sorrento, Italy Debate "Amputation vs Limb Salvage for High Grade Fibular Hemimelia"

EPOS/IFPOS Combined Meeting, April 12 – 14, 2007. Sorrento, Italy "Legg Calve Perthes Disease with onset before age six: A retrospective review"

4<sup>th</sup> Annual International Pediatric Orthopaedic Symposium, November 27-30, 2007 Orlando, Florida. "Late Pain following Legg-Calve-Perthes Disease: Assessment and Treatment Alternatives"; "Case-based Discussion: Management of Residual Proximal Femoral Deformity form Perthes and DDH"; "DDH Birth to 8 Years"; "Management of Legg-Calve-Perthes Disease"

POSNA Hip Preservation Study Group, February 8-9, 2008, William Beaumont Hospital Royal Oak, Michigan. "Perthes – Current Problems"

Moderator – Hip symposium, New Treatment Options for Legg-Calve-Perthes/Osteonecrosis of the Femoral Head in Children, 2008 POSNA Specialty Day at the 2008 AAOS meeting San Francisco, California. March 8, 2008

Brandon Carrell Visiting Professor, April 4 -5, 2008, Dallas, Texas "Orthopaedics 2020"

International Pediatric Orthopaedic Symposium, December 3-6, 2008. Orlando, Florida

International Pediatric Orthopaedic Symposium, December 1-5, 2009 "Adolescent Hip Problems – Management of the Painful Post Perthes Hip"

American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, Louisiana March 12, 2010. "Common Pediatric Hip Disorders: Current Principles, New Techniques and Controversies

European Pediatric Orthopaedic Society Annual Meeting, Zagreb, Croatia, April 4-7, 2010 "Legg-Calve-Perthes Disease – One Century After"

Pediatric Orthopaedic Society of North America Annual Meeting, Waikoloa Village, Hawaii May 3-7, 2010. "Prospective Multicenter Study of Legg-Calve-Perthes Disease: Functional and Radiographic Outcomes of Nonoperative Treatment in the Third Decade"

"Brace Treatment Controls Progression in Adolescent Idiopathic Scoliosis"

3<sup>rd</sup> International Congress of Pediatric Specialities – Child 2010, Curitiba, Brazil. August 24-30, 2010. "Perthes Disease"; "Tibial Hemimelia"; "Treatment of Column Deformities II – Complex Deformities"

5th Triennial Congress of the International Federation of Pediatric Orthopaedic Societies 2010 Centennial of Legg-Calve-Perthes Disease, 1910-2010. Seoul, South Korea. September 8-11, 2010. "Results of the LCPD study group"; Case Discussion – Moderator

International Seminar on Pediatric Orthopedics', November 1-7, 2010, Barcelona, Spain "Mysterious Pain in Children and Adolescents"; "Adolescent Idiopathic Scoliosis"; "Congenital Short Femur"; "Perthes Disease and Transient Synovitis"

Louis Levy Symposium Speaker, Ft. Worth, Texas. June 17, 2011 "Bracing for Scoliosis"

International Pediatric Orthopaedic Think Tank Meeting, October 19-22, 2011. Sausalito, California. "The Girl with the Backward Leg"

International Pediatric Orthopaedic Think Tank, Cannes, France, September 18-22, 2012

<sup>&</sup>quot;Perthes: Selecting the Right Patient for Containment Treatment: age 4-9"

<sup>&</sup>quot;Case Discussions: Managing Perthes form Diagnosis to Adolescence"

<sup>&</sup>quot;The Management of Neglected Foot Problems that Appear in your Office"

<sup>&</sup>quot;DDH Management from Ultrasound to Osteotomies"

<sup>&</sup>quot;Amputations"

<sup>&</sup>quot;Prosthetics"

<sup>&</sup>quot;Perthes Symposium – Development of Early Prognostic Classification System Based on MRI"

"LCP in the Gymnast"

Invited Speaker, Society of Military Orthopaedic Surgeons (SOMOS) Annual meeting 2012 Naples, Florida. December 13, 2012

"Missing Limbs: What These Children have Taught me.

## **Current Research**

## **Primary Investigator**

Molecular Histopathology in the Murine MPS Growth Plate

Prospective Multi-Center Study of Legg-Calve-Perthes Disease: Mid-Term functional and Radiographic Outcome

Technique for Intra-Operative Spinal Deformity Correction Facilitating Placement of Definitive Implant

## **Sub-Investigator**

Multi national Study to Develop Standardized Diagnostic Criteria for DDH

Clubfoot DNA Repository

Retrospective Review of Unstable Slipped Capital Femoral Epiphysis

Gait Analysis, Strength, and Energy Efficiency in Individuals with Limb Deficiency Effect of Compliance Counseling on Bracing in Idiopathic Scoliosis

Prospective Evaluation of Clubfoot Treatment

Prospective Pediatric Scoliosis Study

Prospective Pediatric Kyphosis Study (PPKS)

Synthes Vertical Expandable Prosthetic Titanium Rib for Treatment of Thoracic Insufficiency

Identification of a Gene Involved in Hereditary Idiopathic Scoliosis

Identification of Genetic Susceptibility in Idiopathic Scoliosis

Identification and analysis of New Susceptibility Loci for Idiopathic Scoliosis

Enhanced Diagnosis of Legg-Calve-Perthes Disease using MR Imaging

Length Reconstruction Surgery (LRS) vs. amputation for Treatment of Fibular Hemimelia

Prospective Evaluation of Patients with Hip Pathology Undergoing Treatment

Majewski Osteodysplastic Primordial Dwarfism Type II (MOPDII) DNA/Mutation Registry

#### **Exhibits**

#### Roger Anderson Fixation in Clubfoot Treatment

American Academy of Orthopaedic Surgeon's Annual Meeting, February 1980, Atlanta, Georgia.

# **Visiting Professorships**

Children's Hospital of Detroit,8th Annual Orthopaedic Day Frederick J. Fisher, M.D. Memorial Lecture, June 11, 1984 "Why the Crouch Gait?" Legg-Perthes - A New Look"

James Whitcomb Riley Hospital for Children, Indianapolis University Medical Center Garceau-Wry Lectureship, November 1 & 2, 1984 "Current Concepts in Scoliosis", "Adaptability", "Legg-Perthes - Does Treatment make a Difference?", "Dealing with the Crouch Gait in Cerebral Palsy"

Children's Hospital Medical Center, Cincinnati, Ohio. March 22 & 23, 1985 "Legg-Perthes Disease - The Rationale for Treatment", "What's New in Scoliosis?", "Syme's Amputation - A Look at Function"

Royal Children's Hospital, Wendermere Visiting Professor, Parkville, Victoria, Australia July 1985. Legg-Perthes Disease - The Rationale for Treatment", "What's New in Scoliosis?", "Syme's Amputation - A Look at Function"

Children's Hospital of Akron, Akron, Ohio. June 2 - 4, 1988 "Legg-Calve-Perthes Disease", "The Crankshaft phenomenon"

Hospital Infantil Universitario Annual Course in Children's Orthopedics', Bogota, Columbia, South America, June 16 - 18, 1988"Evaluation and Management of the Child who Limps", "Septic Arthritis of the Hip", The Crankshaft Phenomenon", "Legg-Calve-Perthes Disease"

Duke University Medical Center Lenox Baker Visiting Professor, Durham, North Carolina August 15 - 17, 1988. "Functional Studies in Children with Limb Deficiencies", "Three dimensional Analysis of Spinal Balance in Scoliosis", "The Crankshaft Phenomenon"," Decision Making in Management of Lower Extremity Problems in Cerebral Palsy", "An Overview of the State of the Art in Legg-Perthes Disease"

Annual Pediatric Orthopaedic Seminar, Calgary, Alberta, Canada, October 14, 1988

Children's Hospital of Philadelphia, January 11, 1989 "Spine Instrumentation Research", Legg-Perthes Disease" Hoke Kite Conference, Scottish Rite Children's Hospital, Atlanta, Georgia March 3 & 4, 1989

DuPont Institute, Wilmington, Delaware, April 14 & 15, 1989 "Legg-Perthes - State of the Art", "Spinal Implant Research at Texas Scottish Rite Hospital"

Children's Hospital, Seattle, Washington, October 13 - 15, 1989 "Legg-Perthes"

Fourth Annual Lectureship, Rochester Orthopaedic Society and the University of Rochester Rochester, New York, December 6 - 8, 1991

Eugene Rogala Visiting Professorship, Shriners Hospital for Crippled Children Montreal, Quebec, Canada. October 14 - 15, 1992

"Three-Dimensional problems of the spine require three-dimensional solution" The Crankshaft Phenomenon"

"Usefulness of long-term halo traction in treating severe spinal deformities"

Visiting Professor, Mayo Clinic, Rochester, Minnesota January 17 - 20, 1993. "Usefulness of long-term halo traction in treating severe spinal deformities"; "Legg-Calve-Perthes, the current status of our work"

John C. Wilson, Sr. Visiting Professor, Children's Hospital Los Angeles, Los Angeles, California February 9 - 11, 1993

Annual Sofield Day Visiting Professor, Shriners Hospital for Crippled Children, Chicago, Illinois. November 5, 1993. "Legg-Perthes Disease"; "A new concept in spinal instrumentation"

Shriners Hospital for Crippled Children, Philadelphia, Pennsylvania. December 4, 1993.

Carroll B. Larson Shrine Memorial Lecturer, The University of Iowa Hospitals and Clinics Iowa City, Iowa, April 7 - 9, 1994. "Legg-Perthes, a review of the topic"; "Three-dimensions of spine deformity"; "Limb deficiencies and human adaptability"

Visiting Professor, The Nemours Children's Clinic, Jacksonville, Florida. October 13-14, 1994

Kaiser Permanente Lectureship in Spine, Oakland, California, January 16, 1995 "Treatment of Scoliosis in the Young Child" "Unilateral Fixation in Idiopathic Scoliosis"

David Sutherland Pediatric Orthopaedic Visiting Professorship, San Diego, California March 22 - 24, 1995. "Legg-Calve-Perthes' Study"; "Halo Traction in Spine Deformity"; "Update on Limb Deficiency"; "Congenital Dislocation of the Spine"; "Single Rod Spinal Instrumentation"

<sup>&</sup>quot;Congenital dislocation of the Spine"

University of Pittsburgh Visiting Professor, Pittsburgh, Pennsylvania, April 19, 1995 "Legg-Perthes Disease"; "Use of Single Rod Instrumentation for Scoliosis"

Rainbow Visiting Professorship, Cleveland, Ohio, June 2-3, 1995 "Perspectives on Legg-Perthes Disease" "Cervical Spine Abnormalities in Children

Frank Stelling Pediatric Orthopaedic Lecturer, Augusta, Georgia October 19-22, 1995 "Cervical Problems in Children"; "Halo Traction for Severe Spine Deformities"; "Legg-Calve-Perthes Disease - Update"

Third Annual Pediatric Orthopaedic Visiting Professorship, Chicago, Illinois November 30 and December 1, 1995. "Legg-Perthes Disease - Current Concepts"; "Halo Traction for Severe Spinal Deformities"; "Children with Limb Deficiencies"

34th Annual Sherman S. Coleman Scientific Session, Salt Lake City, Utah, March 21 & 22, 1996 "Legg-Calve-Perthes Disease"; "Gait - The Herring Walk"; "Halo Traction use in Severe Spinal Deformities"

St. Louis Shriners Hospital, St. Louis Missouri, March 12, 1997
"Effects of Traction on Spinal Deformity"; "Congenital Limb Deficiencies"

25th Annual Shriners Hospital Lectureship, Houston, Texas, April 3 & 4, 1997 "Legg-Perthes Disease - Current Concepts"; "Congenital Limb Deficiencies"; "The Use of Halo Traction for Severe Spine Deformities"

The Leon Root, M.D. visiting Professorship, Hospital for Special Surgery, New York, New York June 18, 1997. "Legg Perthes Disease"

17th Annual Oscar Miller Day Symposium, Miller Orthopaedic Clinic, Charlotte, North Carolina October 30-31, 1997. "What's New with Perthes"; Polio - Its History and Effect on rthopaedics" "The Development of TSRH Instrumentation Session"

French Congress of Pediatric Orthopedics, French Group on Pediatric Orthopedics, Guest Lecturer, November 8-14, 1997. "Legg-Perthes Disease"; "Management of the Child with Limb Deficiency"

Risser Memorial Lecturer, Los Angeles, California, May 20-21, 1998, Invited Lecturer "The Use of Halo Traction in the Management of Severe Spinal Deformity" "Unique Problems in the Cervical Spin in Children" "Surgery and the Growing Spine"

O. C. Brock Lectureship, Erie Pennsylvania, October 2-3, 1998
"Limb Deficiencies," "Legg-Calve-Perthes disease: Current Concepts" and "The Polio Epidemics"

Third Kosair Lecture, Lexington, Kentucky, Shriners Hospital for Children

October 29-39, 1998. "Child with Limb Deficiency"; "Halo Traction for Severe Spine Deformity"; "Legg-Calve-Perthes Current Concepts"; "Growth and Spine Deformity"

British Columbia's Children's Hospital, Vancouver, British Columbia, November 12-14, 1998 Visiting Professor, "Legg-Calve-Perthes Disease"; "Spinal Deformity and Growth-The Crankshaft Revisited"

Shriners Hospital for Children, Spokane, Washington, April 9, 1999, Visiting Professor "Perthes Disease"; "Limb Deficiency"

Philadelphia Orthopaedic Society, Howard Steel Lecturer, September 11-13, 1999 "The Story of Polio"

Visiting Professor, Valley Children's Hospital, Fresno, California. November 12-13, 1999 "Withstand Ovation" video discussion; "Polio"

Visiting Professor, New Hyde Park, New York, November 19-20, 1999 "Late Treatment of DDH"; "Problems in the Older Child including Perthes, and SCFE" and "The Limping Child"

Jacques Jenny Lecturer, Veterinary Orthopaedic Society, Val d'Isere. France, March 3-12, 2000 "A Fight to the Finish: Stories of Polio"

Visiting Professor, Detroit Academy of Orthopaedic Surgeons, April 10, 2000 "Fight to the Finish: Stories of Polio"

Shands' Lecturer, American Orthopaedic Association Annual Meeting - Hot Springs, Virginia June 15, 2000. "A Fight to the Finish: Stories of Polio"

Louis Levy Lectureship, John Peter Smith Hospital, Ft. Worth, Texas, June 19, 2000 "Current Concepts of Legg-Perthes Disease"

Keynote Speaker, American Academy of Orthotists and Prosthetists, Dallas, Texas. March 8, 2001. "A Fight to the Finish: Stories of Polio"

Invited Lecturer, Puerto Rico Orthopaedic Society, "Legg-Calve-Perthes Disease". August 31 to September 3, 2001

South African Pediatric Orthopaedic Congress, Pretoria, South Africa, March 2002 "Polio"; "Hip Dysplasia"

Leon M. Kruger Lectureship, Shrine Hospital, Springfield, Massachusetts, May 23, 2002 "Legg-Perthes – An Update"; "Recent Development in Management of Congenital Deformities of the Lower Extremity"; "The Remarkable History of Poliomyelitis"

Visiting Professor, University of Buffalo, 2002 Graduation, Buffalo, New York. June 6-7, 2002

"Legg-Perthes Disease" and "History of Polio"

Distinguished Lecturer, Ohio Orthopaedic Society, Cincinnati, Ohio. May 8-10, 2003 "Legg-Perthes Disease"; "History of Polio"

Murray S. Danforth Oration, Rhode Island Hospital, Providence, Rhode Island. May 20-21, 2003 "Stories of Polio"; "Legg-Perthes Disease – To Treat or Not to Treat"

Guest Speaker, Wisconsin Orthopaedic Society, Milwaukee, Wisconsin. May 30, 2003 "Stories of Polio"

Guest Speaker, Wisconsin Orthopaedic Society, Milwaukee, Wisconsin. May 30, 2003 "Stories of Polio"

Siegling Day Visiting Professor, Medical University of South Carolina, Charleston, South Carolina, April 23, 2004. "Fight to the Finish: Stories of Polio"; "Legg-Calve-Perthes – A Multicenter Study"

Guest Professor, 2004 Resident Graduation Weekend, Omaha, Nebraska, June 11-12, 2004 "The Multicenter Legg-Perthes Study"; "History of Polio"

Invited Guest Speaker, Philadelphia Shrine Hospital, Philadelphia, Pennsylvania, December 4, 2004. Case presentations

Invited Guest Speaker, China-TSRH Affiliation, Beijing Spine Symposium, Beijing Children's Hospital, November 8, 2005, China-TSRH Affiliation, Xian Spine Symposium, Xijing Hospital November 10, 2005. China-TSRH Affiliation, Chengdu Spine Symposium, November 14, 2005

Visiting Professor, Hong Kong Orthopaedic Association, Dept. of Orthopaedics and raumatology University of Hong Kong and The Duchess of Kent Hospital, Hong Kong, November 15-21, 2005. "Growth Assessment and Clinical Methods for Treatment of LLD"; Debate "Limb Lengthening VS Amputation"; "Management of Symptomatic Flexible Flat Foot"; "School Bags and Scoliosis"; Conservative Treatment of Scoliosis – Progression, Prediction and Method" "Surgical approached to Bone and Joint Infection in Children"; "Management of Femoral Fractures in Children"; "Pearls in Success of Pavlik Harness Treatment"; "Should Stable Dysplastic Hips be Treated?"; "Classification and Treatment Outcome of Perthes Disease" "Slipped Capital Femoral Epiphysis – Trial and Tribulations"

Invited Lecturer, 3<sup>rd</sup> Turkish National Congress of Pediatric Orthopaeics, Antalya, Turkey April 12-16, 2006. "Infantile Hip Dysplasia: What is it:" "LCP Disease: Current Concepts and Evidence-Based Treatment"; "Management of congenital Limb Abnormalities"

Annual Foundation Day Guest Speaker, Dublin, Ireland, May 21-27, 2006. "Limb Deficiencies" "Legg-Perthes an Overview"; "History of Polio"

2006 Rheumatology/Orthopaedic Visiting Professor, Bangor, Maine. May 31 and June 1, 2006

"The Remarkable Life of Michael E. DeBakey, M.D."; "Legg-Perthes, An Enigma" "Lessons from the Polio Era"

Baltimore Limb Deformity Course, Baltimore, Maryland, September 1-2, 2006 "Legg Calve Perthes Disease: A Report of the Legg Perthes Multicenter Study" "Classification of Legg Calve Perthes Disease"

Visiting Professor, Mexican Pediatric Orthopaedic Society, Guadalajara, Mexico. November 1-4, 2006. "Legg Perthes Disease, State of the Art"; "Stable Dysplasia of the hip-does it exist"; Challenges of Severe Spinal Deformity in Young Children"; "Pearls in the use of the Pavlik Harness"

Invited Guest Speaker, Pediatric Orthopaedic Society of Israel, Nahariya Hospital, Israel July 5-7, 2007. "Legg-Perthes Overview"; "Current Treatment of Clubfoot at TSRHC" "Congenital Limb Deficiencies"; "Legg-Perthes Onset before Age 5"

Guest Lecturer, 18<sup>th</sup> Annual Meeting of the Japanese Pediatric Orthopaedic Association, Kobe, Japan. November 2-3, 2007. "Legg-Calve-Perthes, Current Concepts"; "Congenital Limb Deficiencies"

Invited Lecturer, 1<sup>st</sup> Annual Hip and Spine Day, Cincinnati Children's Hospital Medical Center April 17-20, 2008. "Legg-Calve-Perthes Disease"

Invited Speaker, Carl L. Nelson Distinguished Visiting Professor, Little Rock, Arkansas October 17, 2008. "Current Concepts in Legg Perthes Disease"; "Fight to the Finish: Stories of Polio"

Presidential Guest Speaker, Pediatric Orthopaedic Society of North America, May 1, 2009 Boston, Massachusetts. "Who Are We"

Kenneth Burton Professorship, 2<sup>nd</sup> Annual Kenneth Burton Professorship Lectures University of Rochester, October 1, 2009. "Polio – The Great Battles"; "The Yin and Yang of Surgery"

Eugene Bleck Visiting Professor, Stanford University, October 20-21, 2009

Maryland Orthopaedic Association Abrams Memorial Lecture, Baltimore, Maryland October 28, 2009

Guest Lecturer, Children's Hospital Los Angeles. April 22, 2010 "Bracing Controls Progression of Scoliosis"

The Salter Visiting Professorship, Toronto, Ontario, September 30 – October 2, 2010

European Pediatric Orthopaedic Society, Zergrab, Croatia, April 6-9, 2010 "Legg-Calve-Perthes Disease – One Century After"

Invited Lecturer, Houston Shrine Hospital, Houston, Texas. March 3-4, 2011. "Congenital Limb Deficiencies"

Howard Steel Lecture, Pediatric Orthopaedic Society of North America, Annual Meeting Montreal, Quebec, May 11-15, 2011 "Filmmaking 101 – No Experience Needed"

Invited Lecturer, Louis Levy Symposium, Ft. Worth, Texas, June 17, 2011 "Bracing for Scoliosis?"

Robert N. Hensinger Lecture, 6<sup>th</sup> Annual Robert N. Hensinger Lectureship, University of Michigan Medical School, November 4, 2011. "Film Making 101". "The Michael DeBakey Documentary"

Presidential Guest Speaker, American Orthopedic Foot and Ankle Society (AOFAS) San Diego, California, June 21-22, 2012. "Stories of Polios"

Dr. Edwin F. Ross Endowed Visiting Professorship Lecture, Halifax, Nova Scotia March 28, 2012. "Film Making 101: No Experience Necessary"

36<sup>th</sup> Annual Guy Caldwell Memorial Lectureship in Pediatric Orthopedics, Tulane University School of Medicine, Department of Orthopaedic Surgery, New Orleans, Louiisiana. August 17-18, 2012. "Polio" and "DeBakey"

Invited Speaker, Society of Military Orthopaedic Surgeons (SOMOS) Annual meeting 2012 Naples, Florida, December 13, 2012. "Missing Limbs: What These Children have Taught me.