

## CURRICULUM VITAE

YVONNE ARDEN SHELTON, MD

### CURRENT POSITION:

**1990 - Present**

Assistant Professor  
Department of Pediatric Orthopedics and Physical  
Rehabilitation  
UMass Memorial Medical Center  
55 Lake Avenue North  
Worcester, MA 01655  
Tel: 508-856-6663  
Fax: 508-856-5170

### CERTIFICATION:

**1994**

Board Certified, July 1994  
Orthopedic Surgery

**July 2004**

Board Recertified, July 2004  
Orthopedic Surgery

### SPECIALTY TRAINING:

Pediatric Orthopedics

### AWARDS:

National Merit Scholarship

### EDUCATION:

**1975**

Riverdale Country High School  
Riverdale, New York

**1979**

Bachelor of Arts  
Princeton University  
Princeton, New Jersey

**1984**

Doctor of Medicine  
George Washington University  
School of Medicine and Health Sciences  
Washington, DC

**POSTGRADUATE TRAINING:**

**1984 – 1986**

Surgical Resident  
New York University  
Bellevue Medical Center  
New York, New York

**1986 – 1989**

Orthopedic Resident  
New York Orthopedic Hospital  
Columbia-Presbyterian Medical Center  
New York, New York

**1989 – 1990**

Clinical Fellow  
Department of Pediatric Orthopedics  
Alfred I. DuPont Institute  
Wilmington, Delaware

**LICENSURE:**

April 1, 2986            State of New York  
November 28, 1990 State of Massachusetts #73580

**APPOINTMENTS:**

Committee of Academic Affairs  
George Washington University  
School of Medicine and Health Sciences

Elder, Riverdale Presbyterian Church

Medical Advisory Board  
Innova Home Therapies  
Worcester, MA

Pediatric In-Patient Care Coordinating Committee

Advisor, Kids in Special Seats  
Administered by the Massachusetts Easter Seal Society

Chairperson of The Children's Medical Center of the  
Massachusetts Medical Center

Secretary, Medical Staff  
UMass Memorial Medical Center  
Worcester, MA

President, Medical Staff  
UMass Memorial Medical Center  
Worcester, MA

**MEMBERSHIPS:**

Fellow, American Academy of Orthopedic Surgeons  
New England Orthopedic Society  
Worcester Medical Society  
Robert Gladden Society

**COMMITTEES:**

1. Childrens Medical Center Advisory Council  
(UMass Memorial Medical Center)
2. Committee on Equal Opportunity and Diversity  
(UMass Memorial Medical School)
3. Search Committees:
  - Department Chairman Radiology
  - Chairman Orthopedics
  - Dean, Graduate School of Nursing

**COMMUNITY ACTIVITIES:**

Advisory Board, Rainbow Childrens Development Center  
(Worcester, MA)

**SPECIAL PROJECTS:**

**1988**  
Orthopedic Team Member  
Operation Smile  
Nairobi, Kenya **1988**

**1994**  
Audio Digest – Pediatric Spinal Trauma  
Orthopedics 17 (4): **April 1994**

## **RESEARCH PROJECTS:**

Flexible IM Nails in Children

Long-term Follow-up of Triple Arthrodesis in Children with Cerebral Palsy

Physeal Closure After Slipped Capital Femoral Epiphysis

Orthopedic Aspects of Spinal Muscular Atrophy

Operative Treatment of Pilon Fractures

Extra-chromosomal DNA Sequences in Drosophila Species

## **PRESENTATIONS:**

### **1988**

“Operative Treatment of Pilon Fractures”

New York Orthopedic Hospital Alumni Association

### **1989**

“Operative Treatment of Pilon Fractures”

Orthopedic Trauma Society

“Spinal Deformity in Patients with Spinal Muscular Atrophy”

International Scoliosis Research Society

### **1990**

“Fractures in Patients with Neuromuscular Diseases”

American College of Surgeons

San Francisco, CA

### **1990**

“Spinal Deformity in Patients with Spinal Muscular Atrophy”

American Academy of Orthopedic Surgeons

### **1991**

“Developmental Problems in Pediatric Orthopedics”

Annual Meeting of the Massachusetts Academy of

Family Practitioners

Sturbridge, MA

**June 1991**

**1992**

Moderator, Allied Health Symposium, "Acute Management of the Multiply Injured Orthopedic Patient" sponsored by the Continuing Education Department, University of Massachusetts Medical Center, Sturbridge, MA

**October 1992**

**1993**

"Long Term F/U of Triple Arthrodesis in Patients with Cerebral Palsy." Presented at the AAOS (with Joachin Tenuta, Yvonne Shelton and Freeman Miller)

**February 1993**

"Osteomyelitis/Septic Arthritis in NICU Setting"

Medical Center of Central Massachusetts

**March 1993**

"Spinal Trauma in Pediatric Patients." Symposium presented by the Department of Orthopedics and Office of Continuing Education, Sheraton Sturbridge Inn, Sturbridge, MA

**October 7 & 8, 1993**

**1995**

"Scoliosis: An update." National Association of Orthopedic Nursing, Worcester, MA

**March 8, 1995**

"The Current Trends in Pediatric Fracture Management."

Lahey Clinic, Burlington, MA

**March 15, 1995**

"Scoliosis and Other Spinal Deformities."

Sponsored by the Continuing Education Department, University of Massachusetts

**October 6, 1995**

**1996**

"Allied Health Workshop: Challenges of Lower Extremity Injuries." Sponsored by the Continuing Education Department, UMass Memorial Medical Center, Sturbridge, MA **October 10, 1996**

**1997**

"Pediatric Femur Fractures." Winter Update in Orthopedic

Trauma. Sponsored by the Orthopedics and the Continuing Education Department, University of Massachusetts Medical Center, Killington, Vermont  
**January 25, 1997**

**1999**

“Management of LCP Disease and SCFE.” Presented at The Lower Extremity from Infancy to Adult Conference, UMass Memorial Health Care, Sturbridge Host Hotel, Sturbridge, MA

**October 8, 1999**

“The Limping Child: Clinical and Radiologic Approches.” Presented at The Lower Extremity from Infancy to Adult Conference, UMass Memorial Healthcare, Sturbridge, MA

**October 8, 1999**

**2004**

“Osteoporosis in Children”.- Grand Rounds  
UMass Memorial Medical Center, Worcester, MA

**February 2004**

**2006**

“Back Pain in Children and Adolescent”  
UMass Memorial Medical Center, Worcester, MA

**February 2006**

**2006**

“Common Problems in Children”  
Heywood Hospital, Gardner, MA

**February 2006**

**2008**

“Spinal Problems and Scoliosis in Children and Adolescents”  
Grand Rounds

Leominster Hospital, Leominster, MA

**March 2008**

**2008**

“Musculoskeletal Infections” – Pediatric Grand Rounds  
UMass Memorial Medical Center, Worcester, MA

**April 2008**

**PUBLICATIONS:**

1. Bowen, J.R. and Shelton, Y.A.: Musculoskeletal Trauma

In Children. Curr Opinions Orthop 1:102-107,  
**1990**

2. Philips, D.P., Roe, D.P., Farcy, J-P.C., Leet, AL, and Shelton, Y.A.: Surgical Treatment of Scoliosis in a Spinal Muscular Atrophy Population. Spine 15:942-945, **1990**
3. Shelton, Y.A.: Orthopedic Problems in the Pediatric Patient. In: Orthopedics in Primary Care, Ed. 2. Steinberg, G.G., Akins, C.M., Baran, D.T. (Eds.). Baltimore: Williams and Wilkins. 364-368,  
**1992**
4. Stanton, R.P., Shelton, Y.A.: Closure of the Physis After Pinning of Slipped Capital Femoral Epiphyses. Orthopedics 16 (10): 1099-1103, **1993**
5. Tenuta, J., Shelton, Y.A., Miller, F.: Long Term Follow-up of Triple Athrodesis in Patients with Cerebral Palsy. J Pedi Orthop 13:713-716,  
**1993**
6. Shelton, Y.A., Mortimer, E.: Orthopedic Problems In the Pediatric Patient. In: Orthopedics in Primary Care, Ed. 3. Steinberg, G.G., Akins, C.M., Baran, D.T. (Eds.) Philadelphia: Lippincott, Williams and Wilkins. **1999**
7. Shelton, Y.A.: Scoliosis and Kyphosis in Adolescents: Diagnosis and Management Adolescent Medicine State of the Art Review **2008**