

Curriculum Vitae Elizabeth Engel, M.D.

Personal Information

1465 South Grand Blvd.
Saint Louis, MO 63104
(314)577-5646
(314)268-6438
engelm2@slu.edu

Current Position, Institution

Professor, Saint Louis University School of Medicine	07/14-present
Director, Division of Pediatric Orthopaedics, Department of Orthopaedics, Saint Louis University School of Medicine	07/05-present

Education

Postgraduate training:	
Fellowship – Newington Children’s Hospital	07/92 -06/93
Residency – Saint Louis University	07/88-06/92
Internship – Saint Louis University	07/87-06/88
Doctor of Medicine, Saint Louis University	08/83-05/87
Magna cum laude	
Bachelor of Arts, Biology, Barnard College, Columbia University	09/79/05/83
Magna cum laude	
Washington University	01/82-05/82

Previous Professional experience

Associate Professor, Saint Louis University School of Medicine	07/04-06/14
Assistant Professor, Saint Louis University School of Medicine	11/95-07/04
Clinical Instructor, Saint Louis University School of Medicine	07/93-10/95

Hospital and Clinical Staff appointments

Anderson Hospital, Medical Staff	10/07-present
Cardinal Glennon Children’s Medical Center, Director Department of Pediatric Orthopaedic Surgery	07/05- present
Cardinal Glennon Children’s Medical Center, Interim Director Department of Pediatric Orthopaedics	07/04-07/05
Cardinal Glennon Children’s Medical Center, Medical Staff Saint Louis University Hospital, Medical Staff	07/93- present 07/93-present

Board Certification and Licensure

American Board of Orthopaedic Surgery	07/95-12/05
American Board of Orthopaedic Surgery	01/06-12/15
American Board of Orthopaedic Surgery (MOC Exam 04/13)	12/15-01/25
Missouri	06/89-01/14
Illinois	07/99-07/14

Professional Society memberships

Pediatric Orthopaedic Society of North America
American Academy of Orthopaedic Surgery
Mid-America Orthopaedic Association, faculty adviser for resident presentations
Saint Louis Orthopaedic Society, faculty adviser for resident presentations

Professional Services

Saint Louis University Faculty Senate, member	2004-2007
Search Committee, Chair, Department of Surgery	06/11-06/13
Search Committee, Chair, Department of Family and Community Medicine	2007-2008
Dean's Planning and Advisory Committee	2008
Educational Policy Committee	1993-1995
Resident Selection Committee, Department of Orthopaedic Surgery	10/93-present
Surgical Care Improvement Project Committee	01/11-12/11
Credentials Committee, CGCMC	01/04-present
Multidisciplinary Trauma Committee, CGCMC	08/03-present
Medical Executive Committee, CGCMC	01/99-present
Operating Room Committee, CGCMC	08/93-present
ACC Task Force, CGCMC	01/08-12/11
Surgical Care review Committee, CGCMC	01/04-12/10
Pediatric Surgery Center Medical Executive Committee, CGCMC	01/08 -10/12

Current and Past Teaching Responsibilities

Administration

Director of Pediatric Orthopaedic Surgery	07/05-present
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Courses and lectures or topics

Techniques of Casting and Splinting	2008-2013
Overview of Cerebral Palsy	2007-2012
Osteomyelitis	2009-2012
Pediatric Orthopaedic Review	06/12
Child with a Limp	2003-2012
Orthopaedic-In-Training Exam Review	2007-2011
Neurofibromatosis of the Child	09/11
Slipped Capital Femoral Epiphysis	2006-2011
Pediatric Foot Conditions	2006-2011
Skeletal Dysplasia I, II, III	1998-2011
Neuromuscular Hip I, II	2004-2011
Gait Analysis I, II	1994-2011
Hip Dysplasia	2004-2010
Physeal Fractures and Their Complication	2003-2010
Pediatric Femur Fractures	2004-2005
Legg-Calve-Perthes Disease	04/05
Septic Arthritis in Children	11/04
Compartment Syndrome	1998-2001

Clinical Teaching Responsibilities

Develop and supervise Pediatric Orthopaedic curriculum for: Orthopaedic Surgery Residents Pediatric Emergency Medicine Fellows Pediatric Residents Medical Students	07/05-present
Develop Rotation Specific Objectives for: Orthopaedic Surgery Residents Third Year Medical Students	07/05-present

Provide operative and clinical experiences, while rendering patient care, to: Orthopaedic Surgery Residents Pediatric Emergency Medicine Fellows Pediatric Residents Medical Students Undergraduate Medical Scholars	07/93-present
Participate in second year medical student Physical Diagnosis course Second Year Medical Students	2012
Participate in the Medical Scholar Shadowing Program Undergraduate Students intending to pursue Medicine as a career	2013

Bibliography

1. Murali Sundaram, Douglas, Mc Donald, Elizabeth Engel, Mitchell Rotman, Elaine Siegfried. "Chronic Multifocal Osteomyelitis: An Evolving Clinical and Radiological Spectrum". *Skeletal Radiology* 1996; 25(4): 333-6.
2. John V. Banta, E. Engel. "Complications of Congenital Deformities About the Knee" in *Complications in Orthopaedic Surgery*. Editors: Charles Epps, Richard Bowen. 1994, J.B. Lippincott, Philadelphia, PA

Areas of Clinical Interest

Spasticity Management in the Treatment of Patients with Cerebral Palsy
Operative Techniques in the Surgical Management of Osteogenesis Imperfecta
Recognition of Post Traumatic Stress in Pediatric Trauma Patients
Etiology of Leg pain in Young Children with Normal Clinical Exam
Depression in Patients with Nonspecific Knee and Back pain

Supplemental Material

The Limping Child: A guide to Diagnosis and Treatment, Cape Girardeau Medical Society	04/13
Pediatric Orthopaedic Aspects of Turner's Syndrome, Turner's Syndrome Foundation	02/10
Overview of Common Pediatric Orthopaedic Disorders. Musculoskeletal Pathology Course, Department of Physical Therapy	09/09
Overview of Common Pediatric Orthopaedic Disorders, Musculoskeletal Pathology Course, Department of Physical Therapy	09/03
What have you learned from someone older and someone younger? Mission Day, Cardinal Glennon	04/03
Pediatric Orthopaedic Disorders, Musculoskeletal Pathology Course, Department of Physical Therapy	09/02
Pediatric Hip Disorders, Rheumatology Grand Rounds	05/02
The Limping Child, Practical Pediatrics Conference, Cardinal Glennon	04/02
Overview of Cerebral Palsy, Children's Home Society	01/02
Common Pediatric Orthopaedic Disorders, Musculoskeletal Pathology Course, Department of Physical Therapy	09/01
The Child with a Limp – Making the Right Decision in the Office, Practical Pediatric Conference, Cardinal Glennon	01/01
Rotational Malalignment in the Pediatric Patient, Practical Pediatrics Conference Cardinal Glennon	01/01
Common Pediatric Orthopaedic Disorders, Musculoskeletal Pathology Course Department of Physical Therapy	01/01
Common Pediatric Fractures and Splinting Techniques, Anderson Hospital	06/00
Management of Legg-Calve-Perthes, Practical Pediatrics Conference Cardinal Glennon	11/99
Medical Aspect of Treating Cerebral Palsy, Musculoskeletal Pathology	01/98

Course, Department of Physical Therapy Does Use of Internal Fixation Improve Results in Pediatric Orthopaedics? St. Luke's Hospital	10/96
The Use of Gait Analysis and dynamic EMG in the Surgical Management of Foot Deformities in Patients with Cerebral Palsy, Newington Children's Hospital	10/94
Sports Related Injuries in Children, Continuing Medical Education Series Cardinal Glennon	11/93

Community Service/Civic Activities

Foster Adoption Support Team	
Saturday Pantry Volunteer	06/11-present
Pantry organization, assist families with choosing items, carrying groceries, child care, clean up Three times per month, 4 hours per session	
Member, Board of Directors	05/13-present
Spirit of Saint Louis Women's Fund	08/08-present
Committed Donor	
Vote for final Grant Distributions	
Webster Groves – volunteer, Community Activities	
Art and Air Festival	06/11
Ivy Crockett Run	09/11
Children's Tumor Foundation	
Volunteer – Neurofibromatosis Walk	10/10
Volunteer – Neurofibromatosis Walk	10/11
Rohan Woods School – Classroom volunteer	11/05-05/08
Member Parent Teacher Association	11/05-05/08
Webster Groves School District	
Clark Elementary School – Classroom volunteer	09/01-05/07
Member Parent Teacher Organization	09/01-05/07
Hixson Middle School – Library volunteer	09/08-05/11
Member Parent Teacher Organization	09/08-05/11
Girl Scout Troop – Clark Elementary School	
Cookie Manager	09/02-04/03
United Way – local volunteer, Hurricane Katrina	09/05
Sorted donated items	
Small World Adoption Foundation of Missouri	
Board of Directors	09/99-10/05
Volunteer - organized, assisted at fund raising events	08/97-10/05
Humanitarian Relief Mission Trip, Krasnodar, Russian Federation	08/04
Transported relief items to orphanage, built play structures, Painted, minor building repairs	
Humanitarian Relief Mission Trip, Gomel, Belarus	06/03
Transported relief items to orphanage, built play structures, Painted, minor building repairs	
Speaker, Advocate, Conference on International Adoption Minsk, Belarus	06/01
Medical Mission, Minsk, Belarus	04/97
Transported medical items to orphanage Molded Infant for Upper Extremity Prosthesis	