

**CURRICULUM VITAE
UNIVERSITY OF ALABAMA AT BIRMINGHAM
SCHOOL OF MEDICINE FACULTY**

December 31, 2008

PERSONAL INFORMATION:

Name: Richard Drew Davis, M.D.

Citizenship: U.S.

Foreign Language: none

Home Address: 3840 11th Avenue South, Birmingham, Alabama 35222

Phone: 205-591-6144

RANK/TITLE:

Department: Pediatrics, Division of Pediatric Rehabilitation Medicine
Physical Medicine and Rehabilitation

Title: Assistant Professor, Pediatric Rehabilitation Medicine

Business Address: 1600 7th Avenue South, ACC 406, Birmingham, Alabama 35233-1711

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HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:

Director, Rehabilitation Medicine, Children's Hospital of Alabama November 2007

Board of Directors, Alabama Head Injury Foundation October 2007

Board of Directors, Magic Moments 2006 – present

Medical Director, Children's Health System Early Intervention Program 2005 – present

Chief Resident, Department of Physical Medicine and Rehabilitation 2003 – 2004
The University of Alabama at Birmingham

EDUCATION:

Pediatric Rehabilitation Medicine Fellowship July 2004 – June 2005
University of Alabama School of Medicine
Department of Pediatrics, Division of Pediatric Rehabilitation Medicine
Birmingham, Alabama

Chief Resident July 2003 - June 2004
University of Alabama School of Medicine
Department of Physical Medicine and Rehabilitation
Birmingham, Alabama

Physical Medicine and Rehabilitation Residency July 2001 - June 2004
University of Alabama School of Medicine
Department of Physical Medicine and Rehabilitation
Birmingham, Alabama

Family Medicine Internship July 2000 - June 2001
The University of Alabama College of Community Health Sciences
Tuscaloosa Family Medicine Residency
Tuscaloosa, Alabama

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Medical Doctorate July 1996 - June 2000
University of Alabama School of Medicine
Birmingham, Alabama

Bachelor of Science Jan. 1991 – May 1995
Auburn University
Auburn, Alabama

LICENSURE:

State of Alabama Medical License 2001 - present
State of Alabama Controlled Substance Certificate 2001 - present
DEA Controlled Substance Certificate 2001 - present

BOARD CERTIFICATION:

American Board of Physical Medicine and Rehabilitation June 2005

American Board of Physical Medicine and Rehabilitation November 2007
Pediatric Rehabilitation Medicine

ACADEMIC APPOINTMENTS:

Assistant Professor Aug. 2005 - present
Department of Pediatrics
Division of Pediatric Rehabilitation Medicine
Department of Physical Medicine and Rehabilitation
The University of Alabama at Birmingham

AWARDS/HONORS:

Laura B. Kezar, M.D. Award for Dedication and Commitment to the Residency Program, 2006-2007, Department of Physical Medicine and Rehabilitation, The University of Alabama at Birmingham.

PROFESSIONAL SOCIETIES:

American Academy of Physical Medicine and Rehabilitation
Alabama Society of Physical Medicine and Rehabilitation
American Academy for Cerebral Palsy & Developmental Medicine
American Academy of Pediatrics
American Association of Neuromuscular and Electrodiagnostic Medicine
American Medical Association
The Association of Children's Prosthetic-Orthotic Clinics
Medical Association of the State of Alabama
Jefferson County Medical Society
Southern Society of Physical Medicine and Rehabilitation

COUNCILS AND COMMITTEES:

2008 Palliative Care Committee, Children's Hospital of Alabama

2008 Alabama State of the State in Traumatic Brain Injury Conference Planning Committee

Alabama Head Injury Task Force - December 2006 to present

Chair, Children and Youth Committee of the Alabama Head Injury Task Force – December 2006 to present

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Department of Physical Medicine and Rehabilitation Residency Committee, The University of Alabama at Birmingham – 2005 to present

Chair, Physical Medicine and Rehabilitation Residency Recruitment Committee, The University of Alabama at Birmingham – 2005 to 2007

The University of Alabama at Birmingham Graduate Study Committee, Doctor of Science in Physical Therapy Program – 2006 to present

House Staff Council, Graduate Medical Education, The University of Alabama at Birmingham – 2001 to 2003

UNIVERSITY ACTIVITIES:

Medical Director for Pediatric Projects, UAB Constraint Induced Therapy Research Group

Medical Director, Pediatric Neuromotor Research Clinic, The University of Alabama at Birmingham

Pittman General Clinical Research Center, Research Grant Proposal Review, "Neuromuscular Electrical Stimulation and Muscle Glucose Uptake Signaling After Spinal Cord Injury." March 2007

Medical Student Mentor Program, University of Alabama School of Medicine. 2005 - present

Children's Center for Research and Innovation, Research Grant Proposal Review, "Development of a Mouse Model to Alter Healing of Growth Plates." October 2005

Resident Reviewer, Dean's Council for Graduate Medical Education, The University of Alabama at Birmingham. 2004

TEACHING EXPERIENCE:

"Rehabilitation of Neuromuscular Disease: Motor Neuron Disease, Neuropathy, Neuromuscular Junction Disorders, and Myopathy." Physical Medicine and Rehabilitation Annual Resident Lecture Series. The University of Alabama at Birmingham. 2005 - present

"Rehabilitation for Myelomeningocele and Other Spinal Dysraphisms." Physical Medicine and Rehabilitation Annual Resident Lecture Series. The University of Alabama at Birmingham. 2005 - present

"Introduction to Pediatric Rehabilitation Medicine." The University of Alabama at Birmingham, Department of Pediatrics Annual Resident Lecture Series. 2005 - present

"Pediatric Traumatic Brain Injury." The University of Alabama at Birmingham Undergraduate Education Lecture. November 9, 2005

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CURRENT RESEARCH SUPPORT:

ACQUIREc Therapy Gift Account

A Multi-Site Trial for ACQUIREc Therapy

The purpose of this trial is to establish a multi-site collaboration that can build and demonstrate capacity to conduct a rigorous program of research related to ACQUIREc therapy and other aspects of pediatric constraint-induced movement therapy.

Role: Co-Investigator and Medical Supervisor

Alabama Council for Developmental Disabilities

Using the iPhone Software Development Kit (SDK) to create universally designed programs to enhance communication, mobility, and environmental control for individuals with disabilities

The purpose of this project is to gather consumer input and develop a proof-of-concept prototype using the iPhone SDK to address communication, mobility, and environmental control for individuals with disabilities.

Role: Collaborator

Boyd Foundation

Team ACES (Advocacy, Creative Coping, Education, and Support) intervention for school-aged children newly diagnosed with leukemia

The purpose of this project is to use exercise to increase healthy behaviors in pediatric leukemia patients.

Role: Co-Investigator

BOOKS AND BOOK CHAPTERS:

Law C, **Davis RD**. Rehabilitation Concepts in Myelomeningocele and Other Spinal Dysraphisms, *Physical Medicine & Rehabilitation*, Third Edition, W.B. Saunders Company. 2007

PUBLICATIONS:

Tubbs RS, Law C, **Davis D**, Shoja M, Acakpo-Satchivi L, Wellons JC, Blount JP, Oakes J. Scheduled oral analgesics and the need for opiates in children following partial dorsal rhizotomy. *J Neurosurg*, 2007 Jun;106(6 Suppl):439-40.

ORAL PRESENTATIONS:

"Neuroplasticity and Constraint-Induced Therapy," Huntsville Hospital Pediatric Grand Rounds, April 18, 2008

"Rehabilitation and Pediatric Onset Demyelinating Disease," Physical Medicine and Rehabilitation Grand Rounds, The University of Alabama at Birmingham, March 7, 2008

"Pediatric Traumatic Brain Injury," Central Alabama Special Education Coordinators Meeting, March 6, 2008

"Neuroplasticity and Constraint-Induced Therapy," Pediatric Neurology Seminar, Children's Hospital of Alabama, Feb. 29, 2008

"Finding a New Path: Can the Brain Be Rewired?," Alabama State of the State of Traumatic Brain Injury, Feb. 25, 2008

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“Introduction to Pediatric Rehabilitation Medicine.” The University of Alabama at Birmingham Department of Pediatrics Resident Lecture Series. June 11, 2007

“Review and Update in Spasticity Management for Cerebral Palsy.” 2007 Tuscaloosa Early Intervention Conference. June 5, 2007

“Medical Aspects of Disability: Musculoskeletal Conditions.” Alabama Department of Rehabilitation Services Annual Medical Aspects of Disability Conference. January 30, 2007

“Review and Update in Spasticity Management for Cerebral Palsy.” Pediatric Grand Rounds, Regional Medical Center, Anniston, Alabama. October 19, 2006

Teen Transition Clinic Panel Discussion, Association for Persons in Supported Employment Annual Conference. August 11, 2006

“Review and Update in Spasticity Management.” American Physical Therapy Association, Alabama Chapter Biannual Workshop. January 21, 2006

“Review and Update in Spasticity Management for Cerebral Palsy.” Pediatric Grand Rounds, Huntsville Hospital, Huntsville, Alabama. December 16, 2005

“Surviving Trauma, Rehabilitation for Kids.” 2005 Critically Ill Child Nursing Seminar, Children’s Health System of Alabama, Bradley Lecture Center. November 1, 2005

“Rehabilitation Aspects of Myelomeningocele and Other Spinal Dysraphisms.” Physical Medicine and Rehabilitation Grand Rounds, The University of Alabama at Birmingham. May 2004