

Matthew Adamkin, M.D.

RESIDENCY TRAINING

2013 – Present **Carolinas Medical Center** Charlotte, NC
· *PGY 4, Resident, Physical Medicine and Rehabilitation*
2012 – 2013 **Virginia Commonwealth University** Richmond, VA
· *PGY 1, Intern, Internal Medicine (June 2012-June 2013)*

EDUCATION

2008 – 2012 **University of Louisville School of Medicine** Louisville, KY
· *M.D., May 2012*
2004 – 2008 **Miami University** Oxford, OH
· *B.A., Zoology; Minor: Neuroscience, May 2008*

LEADERSHIP ACTIVITIES

2015 – 2016 **Carolinas Medical Center PM&R Residency** Charlotte, NC
· *Chief Resident, Carolinas Rehabilitation*
2015-ongoing **Special Olympics North Carolina** Charlotte, NC
· *Clinical Director of MedFest*
2015 – 2016 **Carolinas Medical Center** Charlotte, NC
· *Graduate Medical Education committee member*
2015 – 2016 **Carolinas Medical Center** Charlotte, NC
· *Medical Staff Quality Assurance committee member*
2014 – 2015 **Carolinas Medical Center** Charlotte, NC
· *Code Blue committee member*
2014 – 2015 **Carolinas Medical Center PM&R Residency** Charlotte, NC
· *PM&R liaison, “Think First” Brain and Spinal Cord Injury Prevention Program*
2011 – 2012 **University of Louisville School of Medicine** Louisville, KY
· *Founder & President, PM&R Interest Group*
2011 – 2012 **University of Louisville School of Medicine** Louisville, KY
· *Group Leader, Introduction to Clinical Cases*

2008 – 2012	University of Louisville School of Medicine	Louisville, KY
·	<i>Honors in Pediatrics</i>	2011
·	<i>Honors in Surgery</i>	2011
·	<i>Honors in Biochemistry</i>	2010
·	<i>Honors in Physiology</i>	2009
·	<i>Honors in Neuroscience</i>	2009
2004 – 2008	Miami University	Oxford, OH
·	<i>Miami University Cum Laude</i>	2008
·	<i>Miami University Scholar-Leader</i>	2006-2007
·	<i>Joseph A. Culler Prize in Physics</i>	2006
·	<i>Miami University Honors Program</i>	2005-2008
·	<i>Miami University Oxford Scholar</i>	2004-2005

Peer Reviewed Journal Articles

Meyer J, Radmacher P, Adamkin MD, Adamkin D. Early Intravenous Amino Acids and the Metabolic Response of Extremely Low Birth Weight Infants (<1000 g BW). *Journal of Investigative Medicine*. 2006 Mar; 54(1): S308.

Radmacher PG, Adamkin MD, Lewis SL, Adamkin DH. Human milk analysis for critically ill infants: A useful adjunct to nutritional management in VLBW (<1500 g) infants. *Journal of Investigative Medicine*. 2010 Feb; 58(2): 469A.

Radmacher PG, Adamkin MD, Lewis ST, Adamkin DH. Milk as a vehicle for oral medications: hidden osmoles. *Journal of Perinatology*. 2011 Aug; 32(3):227-9

Oral Presentations

Adamkin MD, Chandan P. (2015, July). *A Sustainable Model for Increasing Residency Program Involvement in MedFest*. Oral Presentation presented at: Global Summit on Innovations in Health and IDD; Los Angeles, CA.

Adamkin MD, Radmacher PG, Lewis SL, Northam AT, Adamkin DH. (2010, February). *Hyperosmolar feedings in the NICU: An underappreciated cause of morbidity*. Oral Presentation presented at: Southern Society for Pediatric Research meeting; New Orleans, LA.

Lewis ST, Radmacher PG, Meyer JM, Adamkin MD, Adamkin DH. (2007, May). *Elevated BUN in ELBW neonates receiving early TPN*. Oral Presentation presented at: Pediatric Academic Societies? Annual Meeting; Toronto, Canada.

Meyer J, Radmacher P, Adamkin MD, Adamkin D. (2006, March). *Early Intravenous Amino Acids and the Metabolic Response of Extremely Low Birth Weight Infants (<1000 g BW)*. Oral Presentation presented at: Southern Society for Pediatric Research meeting; Atlanta, GA.

Meyer JM, Radmacher PG, Adamkin MD, Adamkin DH. (2007, February). *Comparison of two epochs following a new protocol for early intravenous amino acids in the ELBW infant*. Oral Presentation presented at: Southern Society for Pediatric Research meeting; New Orleans, LA.

Meyer JM, Radmacher PG, Adamkin MD, Adamkin DH. (2007, May). *Comparison of two epochs following a new protocol for early intravenous amino acids in the ELBW infant*. Oral Presentation presented at: Pediatric Academic Societies Annual Meeting; Toronto, Canada.

Radmacher PG, Adamkin MD, Lewis SL, Adamkin DH. (2010, February). *Human milk analysis for critically ill infants: A useful adjunct to nutritional management in VLBW (<1500 g) infants*. Oral Presentation presented at: Southern Society for Pediatric Research meeting; New Orleans, LA.

Radmacher PG, Lewis ST, Meyer JM, Adamkin MD, Assidon Y, Adamkin DH. (2008, February). *Early amino acids: essential for the ELBW infant*. Oral Presentation presented at: Southern Society for Pediatric Research meeting; New Orleans, LA.

RESEARCH EXPERIENCE

2009	Summer Research Scholars Program	Louisville, KY
2005-2007	University of Louisville	Louisville, KY
	· Research Assistant	

QUALITY IMPROVEMENT PROJECTS

2014-2015	Carolinas Medical Center	Charlotte, NC
	· <i>Studying and Improving the Way We Learn EMG at Carolinas Rehabilitation</i>	
2013-2014	Carolinas Medical Center	Charlotte, NC
	· <i>Evaluation of Transfers from Carolinas Rehabilitation to Acute Hospitals</i>	
2011-2012	University of Louisville School of Medicine	Louisville, KY
	· <i>Student Initiated Quality Improvement - Head of the Class and Raising the Bar</i>	

VOLUNTEER SERVICE

2015-2016	Special Olympics North Carolina	North Carolina
	· <i>Clinical Director of MedFest</i>	
2014	Belmont Criterium	Belmont, NC
	· <i>Carolinas Rehabilitation Representative</i>	
2011	Kentucky Country Day High School	Louisville, KY
	· <i>Invited as a speaker to local high school to discuss careers in medicine</i>	
2010	Greater Louisville Organization for Health (GLOW) Clinic	Louisville, KY
2008 – 2010	Blue Cross Walking Works	Louisville, KY
	· <i>Health Coach</i>	

PROFESSIONAL MEMBERSHIPS

2014 – Current	American Academy of Physical Medicine & Rehabilitation
	· <i>Member</i>
2013 – Current	Association of Academic Physiatrists
	· <i>Member</i>

PROFESSIONAL EXPERIENCE

2011 – 2012	University of Louisville School of Medicine	Louisville, KY
	· <i>USMLE Step 1 Tutor for second year medical students</i>	

LICENSURE AND CERTIFICATIONS

2013 – Current	State of North Carolina Training Medical License	North Carolina
	· <i>License #193117</i>	
2012 – Current	Advanced Cardiac Life Support Certification	Charlotte, NC
2010 – Current	Basic Life Support Certification	Charlotte, NC

RESIDENCY PRESENTATIONS

October 2013 **Journal Club**

· *Low Back Pain*

January 2014 **EMG Conference**

· *Parsonage Turner Syndrome and Peripheral Nerve Injury Classification*

May 2014 **Clinical Case Conference**

· *Acute Disseminated Encephalomyelitis*

September 2014 **Ethics Conference**

· *The Right of Physicians to Refuse to Treat*

January 2015 **Grand Rounds**

· *Telemedicine: Clinical Applications in Rehabilitation*

April 2015 **Musculoskeletal Conference**

· *Diffuse Idiopathic Skeletal Hyperostosis*

July 2015 **ACGME Conference**

· *Residency Introduction to the ACGME*

PERSONAL INTERESTS

I love watching and playing sports, particularly football and basketball. I am a very dedicated Ohio State University fan. I also enjoy exercising, cooking and traveling. I am passionate about working with the Healthy Athletes Initiative of Special Olympics, which aims to reduce the health disparities experienced by people with intellectual/developmental disabilities.