

# Matthew T. Miles, M.D.

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## **POST-GRADUATE TRAINING**

Chief Resident, Safety and Quality Improvement

Indiana University Internal Medicine, Indianapolis, IN, June 2015-June 2016

Internal Medicine Resident

Indiana University Internal Medicine, Indianapolis, IN, June 2012-June 2015

## **EDUCATION**

Doctor of Medicine, M.D.

Indiana University School of Medicine, Indianapolis, IN, August 2008-May 2012

Master of Science, M.S., Biology

Truman State University, Kirksville, MO, August 2006-May 2008

Bachelor of Science, B.S., Biology

Truman State University, Kirksville, MO, August 2002-May 2006

## **CERTIFICATION AND LICENSURE**

American Board of Internal Medicine (ABIM) Certification

ID Number 356372, August 2015

Indiana State Physician License

License Number: 01075448A, Issued June 2015, Expiration October 2017

ACLS / BLS Certification

Issued June 2015, Expiration June 2017

## **ADDITIONAL TRAINING**

Chief Resident in Quality and Safety (CRQS) Immersion Experience

VA Quality and Patient Safety Institute, Chicago, IL, September 2015

Program in Addiction Medicine

Chief Resident Immersion Training (CRIT), Cape Cod, MA, May 2015

LEAN

Green Belt, May 2015, In Progress

## **PUBLICATIONS AND POSTERS**

Miles MT, Cottey E, Cottey A, Stefanski C, Carlson CG. *Reduced resting potentials in dystrophic (mdx) muscle fibers are secondary to NF- $\kappa$ B-dependent negative modulation of ouabain sensitive Na<sup>+</sup>-K<sup>+</sup> pump activity.* J Neurol Sci 2011; 303:53.

Siegel AS, Henley S, Zimmerman A, Miles M, Plummer R, Kurz J, Balch F, Rhodes JA, Shinn GL, Carlson CG. *The influence of passive stretch and NF- $\kappa$ B inhibitors on the morphology of dystrophic muscle fibers.* Anat Rec 2011; 294:132.

Miles, Matthew. *The Effects of Pyrrolidine Dithiocarbamate and Ouabain on the Resting Membrane Potential and Intracellular Sodium of Dystrophic (mdx) Muscle Fibers.*

Thesis for Master of Science, Truman State University, Kirksville, MO, 2008

*Acute inhibition of NF $\kappa$ B with pyrrolidine dithiocarbamate (PDTC) improves the resting membrane potential of the triangularis sterni (TS) muscle in the dystrophic (mdx) mouse*

Poster Presentation, Society for Neuroscience, San Diego, CA, November 2007

## **LECTURES AND PRESENTATIONS**

Situation Awareness

Indiana University IM Safety Lecture Series, March 2017

Opioid Use Disorders

Indiana University IM Intern Lecture Series, October 2015 and September 2016

Cognitive Errors in Medicine: Further Considerations in Patient Safety

Residency Senior Seminar, October 2014

## **EDUCATIONAL EXPERIENCES**

Introduction to Clinical Medicine

Faculty Preceptor for 2<sup>nd</sup> Year Medical Students, August 2015-Present

Residency Professionalism Committee

Chief Resident Coordinator, June 2015-Present

Member, September 2014-Present

Graduate Medical Education Patient Safety Council

Member, May 2015-Present

Curriculum Review Committee

Member, November 2013-Present

Medical Spanish Student Interest Group

Organizer for small campus interest group, January 2009-May 2010

### **HONORS AND PROFESSIONAL MEMBERSHIPS**

American College of Physicians

October 2012- Present, Resident/Fellow Member

Phi Beta Kappa

Truman State University, Kirksville, MO, April 2006

Eagle Scout

Boy Scouts of America, September 2002

### **CHARITY AND VOLUNTEER WORK**

Bike MS

40 Mile Charity Ride, Columbia, MO, September 2014

Cachamsi Medical Spanish Immersion Program

Medical Spanish / Help to underserved, Riobamba, Ecuador, March-April 2012

Movember

Mo Bro, November 2010

Habitat for Humanity

One week of construction project, Punta Gorda, FL, March 2010

### **LANGUAGE FLUENCY**

English, Native

Spanish, Medical / Conversational

### **INTERESTS**

Music including Piano, Banjo, Trombonist in the IU Medical School Orchestra

General Aviation

Board Games

Rock Climbing