



## ROBERT WILLIAMS, MD

### EDUCATION

#### **Emergency Medicine Residency Training Program**

University of Oklahoma  
Norman, OK

July 2012 – June 2015

#### **Medical Doctorate**

University of Kentucky College of Medicine  
Lexington, KY

August 2007 – May 2012

#### **Bachelor of Science, Agricultural Biotechnology and Biology**

University of Kentucky  
Lexington, KY

August 2003– December 2007

### PROFESSIONAL WORK EXPERIENCE

#### **General and Sports Medicine Physician**

Aptiva Health | Lexington and Louisville, KY

March 2017 – present

- General and Sports Medicine physician in independent multi-specialty group.
- Provide medical treatment and consultations in Louisville and Lexington, Kentucky.

#### **Emergency Medicine Physician**

St. Claire Regional Medical Center | Morehead, KY

February 2017 – present

- Emergency Medicine physician at St. Claire Regional Medical Center in Morehead, Kentucky.
- Specialized in trauma and emergency management of acute onset injuries and conditions.

#### **Locum Tenens Physician**

Physician Staffing Solutions | Lexington, KY

October 2015 – May 2017



## Emergency Medicine Physician

Frankfort Regional Medical Center | Frankfort, KY

July 2015 – November 2016

- Emergency Medicine physician at Frankfort Regional Medical Center in Frankfort, Kentucky.
- Specialized in trauma and emergency management of acute onset injuries and conditions.

## LICENSES / CERTIFICATIONS

American Board of Emergency Medicine (ABEM)  
Commonwealth of Kentucky Medical License  
Oklahoma Medical License  
Florida Medical License  
Texas Medical License  
Basic Life Support  
Advanced Cardiac Life Support  
Advanced Trauma Life Support  
Pediatric Advanced Life Support  
Advanced Trauma Life Support  
Neonatal Resuscitation Program  
DEA registered

## PUBLICATIONS / PRESENTATIONS

### Literature:

- Wu, S., Jiang, Z., Kempinski, C., Nybo, S. E., Husodo, S., **Williams, R.**, & Chappell, J. (2012). Engineering triterpene metabolism in tobacco. *Planta*, 236(3), 867-877.
- Burns, B., & **Williams, R.** (2013, May 2). Insect bites. Retrieved from <http://emedicine.medscape.com/article/769067-overview>
- **Williams RA**, Williams DW. Cannabinoids-human physiology and agronomic principles for production. In: Williams DW, ed. ASA, CSSA, and SSSA Books. American Society of Agronomy Crop Science Society of America Soil Science Society of America; 2019:73-91.

### Presentations:

- OUDEM didactics- Surgical Airway / Traumatic Brain Injury *June 27, 2013*
- OUDEM didactics- Pediatric Sedation/ Intraosseous Cannulation *September 26, 2013*
- OUDEM didactics- Peripheral Vascular Injury/ Lvl. I Transfusion *March 13, 2014*
- OUDEM didactics- Non-cardiac Chest Pain *September 2, 2014*
- OUDEM didactics- Review of Toxicology/ Pediatric Sedation *February 12, 2015*
- OUDEM didactics- Non-invasive Ventilation *June 4, 2015*
- OUDEM didactics- Reduction of Wrist Fractures *June 4, 2015*



## RESEARCH EXPERIENCE

### **Metabolic Engineering of Sesquiterpenes in Tobacco**

PI: Joe Chappell, PH.D  
Graduate Student Researcher

*December 2009 - June 2020*

### **Directed Evolution of Myc-type bHLH Transcription Factor**

Undergraduate Senior Thesis Presentation  
PI: Ling Yuna, PH.D  
Student Researcher

*May 2004 - May 2006*

## PROFESSIONAL ORGANIZATIONS

Fellow, American Academy of Emergency Medicine  
American College of Emergency Physicians  
Kentucky Chapter of American College of Emergency Physicians  
Emergency Medicine Resident Association Alumnus  
Kentucky Medical Association  
Lexington Medical Society

## HONORS & AWARDS

### **Ray and Lorena Gaye Salyer Scholarship**

- Awarded to first year medical students
- Based on academic performance during undergraduate career.
  - It is a four year award and requires maintenance of 3.10 GPA

### **University of Kentucky Commonwealth Scholarship**

- Awarded to outstanding incoming freshmen on basis of high school merit.
- Requires maintenance of 3.30 cumulative GPA.

### **UK College of Agriculture Keven Glenn Collins Scholarship**

- Awarded to outstanding incoming freshmen on basis of high school merit.
- Requires maintenance of 3.0 cumulative GPA

## CLINICAL INTERESTS

I have a particular interest in diagnosing and treating concussions and traumatic brain injuries as well as the application of ultrasound in both diagnostic and procedural applications. I also enjoy medical consulting, urgent/acute care, critical care, and orthopaedics.

