

Curriculum Vitae

Andrew Schmidt, DO, MPH

Assistant Professor

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Education

Emergency Medicine Residency (Chief Resident)

University of Florida College of Medicine

Jun 2014

Jacksonville, FL

Doctor of Osteopathic Medicine

Nova Southeastern University College of Osteopathic Medicine

May 2011

Ft Lauderdale, FL

Master of Public Health

Nova Southeastern University College of Osteopathic Medicine

May 2011

Ft Lauderdale, FL

Bachelor of Science in Biomedical Engineering

North Carolina State University

May 2006

Raleigh, NC

Professional Experience

Assistant Professor

*Department of Emergency Medicine
University of Florida College of Medicine-Jacksonville*

Jul 2014 - Present

Deputy Medical Director, Outreach, Education, and Training

*Trauma One Flight Program
UF Health Jacksonville*

Mar 2016-Present

Medical Director

Jacksonville Beach Ocean Rescue

Jun 2016 - Present

Co-founder, Director

Lifeguards Without Borders (non-profit)

Jul 2007 - Present

Honorary Member

International Drowning Research Alliance

Oct 2015 - Present

Medical Officer (Board of Directors)

Volunteer Lifesaving Corps (Jacksonville Beach, FL)

Oct 2015 - Present

Lead Instructor

Surfing Medicine International

Oct 2013 – Present

Board of Directors Member

Surfers Medical Association

Jan 2016 - Present

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Refereed Publications

- Schmidt AC, Sempsrott JR, Szpilman D, Queiroga AC, Davison MS, Zeigler RJ, McAlister SJ. The use of non-uniform drowning terminology: a follow-up study. *Scand J Trauma Resusc Emerg Med.* 2017 Jul 17;25(1):72.
- Sempsrott J, Schmidt A, Hawkins S, Cushing T. Drowning and Submersion Injuries. In: Auerbach P, ed. *Auerbach's Wilderness Medicine.* 7th ed. Philadelphia, PA: Elsevier; 2017:1530-1549.
- Schmidt A, Sempsrott J, Hawkins S, Arastu A, Cushing T, Auerbach P. Wilderness Medical Society practice guidelines for the prevention and treatment of drowning. *Wilderness Environ Med.* 2016 Jun;27(2);236-51.
- Schmidt A, Roe J. Drowning. In: Markovchick V, Pons P, eds. *Emergency Medicine Secrets.* 6th ed. Philadelphia, PA: Elsevier. 2016:377-381.
- Schmidt A, Sempsrott J. Drowning in the adult population: Emergency department resuscitation and treatment. *Emerg Med Pract.* 2015 May;17(5):1-18.
- Schmidt A, Jacobson L. Case 8: Adrenal insufficiency. In: Jacobson L, Okuda Y, Godwin S, eds. *SimWars Simulation Case Book: Emergency Medicine.* 1st ed. Cambridge, UK: Cambridge University Press; 2015:70-74.
- Schmidt A, Jacobson L. Case 21: Pediatric myocarditis. In: Jacobson L, Okuda Y, Godwin S, eds. *SimWars Simulation Case Book: Emergency Medicine.* 1st ed. Cambridge, UK: Cambridge University Press; 2015:138-141.
- Shiber J, Schmidt A. A curious radiograph after line placement. *J Emerg Med.* 2014;46(4):e131-2.
- Schmidt A, Bledsoe B, Sempsrott J, Hawkins S. Silent Struggle. *JEMS.* 2012;37(7):60-64.
- Figure 75-14. Age-based prevention strategies for drowning prevention. Submersion Injuries and Drowning. In: Auerbach P, ed. *Auerbach's Wilderness Medicine.* 7th ed. Philadelphia, PA: Elsevier; 2011:1510.
- Figure 75-15. Reach, Throw, Row, Go: Recommended rescue techniques in submersion incidents. Submersion Injuries and Drowning. In: Auerbach P, ed. *Auerbach's Wilderness Medicine.* 7th ed. Philadelphia, PA: Elsevier; 2011:1513.

Non-Refereed Publications

- Hawkins S, Sempsrott J, Schmidt A. Drowning in a sea of misinformation: dry drowning and secondary drowning. *KevinMD.com.* <http://www.kevinmd.com/blog/2017/07/drowning-sea-misinformation-dry-drowning-secondary-drowning.html>. Published July 6, 2017.

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- Hawkins S, Sempsrott J, Schmidt A. Drowning in a sea of misinformation: dry drowning and secondary drowning. *Emergency Medicine News*. <http://journals.lww.com/em-news/blog/BreakingNews/pages/post.aspx?PostID=377>. Published June 16, 2017.
- Webber J, Schmidt A, Sempsrott J, Szpilman D, Queiroga A. Pediatric non-fatal drowning events: do they warrant trauma team activation? *Resuscitation*. [Letter to Editor, In Press].
- Webber J, Schmidt A, Sempsrott J, Szpilman D, Queiroga A, Clemens T, Hood N. Fatal and non-fatal drowning in rivers. *Forensic Sci Med Pathol*. 2017 Jun. [Letter to Editor].
- Schmidt A, Szpilman D, Berg I, Sempsrott J, Morgan P. A call for the proper action on drowning resuscitation. *Resuscitation*. 2016 Aug;105:e9-e10. [Letter to Editor]
- Schmidt A, Sempsrott J. Surfactant for Acute Respiratory Distress Syndrome Caused by Near Drowning in a Newborn. *Pediatr Emerg Care*. 2016 Jan;32(1). [Letter to Editor]
- Riha H, Aaronson P, Schmidt A. Evaluation of analgesic effects of ketamine through sub-dissociative dosing in the ED. [Letter to Editor] *J Emerg Med*. 2015 March 25 [Epub].
- Schmidt A, Sempsrott J. Near drowning and adult respiratory distress syndrome. [Letter to Editor] *J Emerg Med*. 2014;Nov 13. [Epub]
- Sempsrott J, Slattery D, Schmidt A, et al. Systematic review of non-utstein style drowning terms. *Ann Emerg Med*. 2011;58:S321. [Abstract]

International Presentations

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| Drowning Resuscitation, Mass Casualty Incidents, Basic Life Support | |
| Advanced Surf Medicine Life Support Course (Ericeira, Portugal) | May 2016 |
| Mass Casualty Incidents | |
| Advanced Surf Medicine Life Support Course (Ericeira, Portugal) | May 2016 |
| Basic Life Support | |
| Advanced Surf Medicine Life Support Course (Ericeira, Portugal) | May 2016 |
| The Use of Non-Utstein Style Drowning Terms Since 2010 [abstract] | |
| World Conference on Drowning Prevention (Penang, Malaysia) | Nov 2015 |
| Microfinancing Front-Line Drowning Prevention Campaigns [abstract] | |
| World Conference on Drowning Prevention (Penang, Malaysia) | Nov 2015 |
| Open water rescue skills for surfers [practical skills presentation] | |
| Conference in Surfing Medicine (Anglet, France) | Sep 2015 |
| Drowning, Mass Casualty Incidents, Basic Life Support | |
| Advanced Surf Medicine Life Support Course (Ericeira, Portugal) | May 2015 |
| Drowning, Hypothermia, Frostbite, Dive Medicine, Basic Life Support | |
| Advanced Surf Medicine Life Support Course (Ericeira, Portugal) | May 2014 |
| Drowning Resuscitation 2013 | |
| Conference in Surfing Medicine (Sagres, Portugal) | Oct 2013 |
| American Red Cross Volunteer Lifesaving Corps: 100 years [poster] | |
| World Conference on Drowning Prevention (Potsdam, Germany) | Oct 2013 |

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National Presentations

Transplant Emergencies

Clinical Decision Making in Emergency Medicine (Ponte Vedra, FL) Jun 2017

Arthrocentesis and Intraosseous line placement

Society of Emergency Physician Assistants Ultrasound Course Apr 2017

Ultrasound Guided Procedures (Lecture + Skills)

Society of Emergency Physician Assistants Ultrasound Course Jan 2017

Drowning Resuscitation

Clinical Decision Making in Emergency Medicine (Ponte Vedra, FL) Jun 2016

Pediatric Drowning, Neck trauma, Ocular and DVT Ultrasound

ACEP SIM Training Course (Jacksonville, FL) Apr 2016

Drowning Resuscitation

Emergency Medicine Update-Northwest Seminars (Key West, FL) Feb 2016

STEMI Mimics

Emergency Medicine Update-Northwest Seminars (Key West, FL) Feb 2016

Marine Envenomation

Emergency Medicine Update-Northwest Seminars (Key West, FL) Feb 2016

Hypothermia

Emergency Medicine Update-Northwest Seminars (Key West, FL) Feb 2016

Understanding Drowning

EMS World Expo (Las Vegas, NV) Sep 2013

Regional Presentations

The Crashing Asthmatic

St Vincent's Clay County EMS Lunch and Learn (Jacksonville, FL) Aug 2017

ClinCon 2017 (Orlando, FL) Jul 2017

UF Health/TraumaOne EMS Complex Case Conference (Jacksonville, FL) Sep 2016

Pediatric Burns

UF Health Kid Care Trauma Symposium (Jacksonville, FL) Jul 2017

Drowning Resuscitation

Ponte Vedra Ocean Rescue (Ponte Vedra, FL) Apr 2017

UF Health Emergency and Trauma Care Symposium (Jacksonville, FL) Jan 2016

State of the Art Critical Care for EMS Conference (Jacksonville, FL) May 2015

USLA South Atlantic Regional meeting (Jacksonville, FL) Jan 2015

USLA Officer Training Course (West Palm, FL) Dec 2014

Clay County EMS (Jacksonville, FL) Nov 2014

American Red Cross Volunteer Lifesaving Corps (Jacksonville, FL) Apr 2014

St Johns County Marine Rescue (St. Augustine, FL) Apr 2014

UF Jacksonville Emergency Medicine Grand Rounds (Jacksonville, FL) Mar 2014

Pompano Beach Ocean Rescue (Pompano Beach, FL) Feb 2014

Florida Beach Patrol Chief Association (Lake Worth, FL) Feb 2014

Atlantic Beach Ocean Rescue (Atlantic Beach, FL) Jun 2013

Kill Devil Hills Ocean Rescue (Kill Devil Hills, NC) Jun 2013

Corolla Beach Ocean Rescue (Corolla, NC) Jun 2013

Naval Air Station Jacksonville Safety Stand Down (Jacksonville, FL) May 2013

American Red Cross Volunteer Lifesaving Corps (Jacksonville, FL) Mar 2013

Pre-hospital Literature Update

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UF Jacksonville Emergency Medicine Grand Rounds (Jacksonville, FL)	Jun 2017
UF Health Emergency and Trauma Care Symposium (Jacksonville, FL)	Feb 2017
Neurologic Emergencies, Asthma, and Trauma	
Jacksonville Fire and Rescue Department Recruit EMS Training	Jan 2017
Pediatric Drowning Resuscitation	
UF Health Kids Care Trauma Symposium (Jacksonville, FL)	Dec 2016
UF Health Kids Care Trauma Symposium (Jacksonville, FL)	May 2016
FCEP Symposium By The Sea (Amelia Island, FL)	Aug 2015
Obstetric Emergencies and Neurologic Emergencies	
Jacksonville Fire and Rescue Department Recruit EMS Training	Nov 2016
NAMET EMS Safety Course (Instructor)	
UF Health TraumaOne (Jacksonville, FL)	Oct 2016
A novel mobile-ready website for pre-hospital education and feedback [poster]	
UF Jacksonville Advances in Medical Education (Jacksonville, FL)	Jun 2016
Marine Envenomation	
UF Jacksonville Emergency Medicine Grand Rounds (Jacksonville, FL)	Jun 2016
Not For Human Consumption: Emerging "Legal Highs"	
State of the Art Critical Care for EMS Conference (Jacksonville, FL)	Dec 2015
UF Health Emergency and Trauma Care Symposium (Jacksonville, FL)	Jan 2015
Hypothermia	
UF Health Emergency Department Nursing	Nov 2015
Ultrasound guided peripheral IV placement	
St Vincent's Jacksonville Emergency Department (Jacksonville, FL)	May 2015
Advanced Airway Techniques for the MICU	
MICU/ED Educational sessions (Jacksonville, FL)	Feb 2015
Drowning, Hypothermia, and Diving Emergencies	
UF Jacksonville Emergency Medicine Grand Rounds (Jacksonville, FL)	Jan 2015
The Approach to the Pre-hospital Difficult Airway	
UF Health/Trauma One Frykberg Memorial Symposium (Jacksonville, FL)	Nov 2014
STEMI, Cardiac Arrest, and Tourniquets for EMS providers	
Nassau County Fire Rescue Training (Jacksonville, FL)	Aug 2014
Drowning, Hypothermia, Heat Emergencies, Dive Medicine	
UF Health - Jacksonville Critical Care Transport Course (Jacksonville, FL)	May 2014
Empyema, Spinal Epidural Abscess, Endocarditis	
Emergency Medicine Morbidity and Mortality Conference (Jacksonville, FL)	Apr 2014
Dural Sinus Thrombosis, Pneumoperitoneum	
Emergency Medicine Morbidity and Mortality Conference (Jacksonville, FL)	Mar 2014
Thyroid Storm, AMA, Thrombolysis in Cardiac Arrest	
Emergency Medicine Morbidity and Mortality Conference (Jacksonville, FL)	Feb 2014
Influenza Pneumonia, Guillain-Barré-Miller Fisher Variant	
Emergency Medicine Morbidity and Mortality Conference (Jacksonville, FL)	Feb 2014
Drowning: An Update on a Global Disease	
St John's County Fire Rescue (St. Augustine, FL)	Jun 2012
American College of Osteopathic Emergency Physicians (Orlando, FL)	Ma 2009
Wilderness Water Rescue and Resuscitation Scenario	
Wilderness Medicine Society Student Elective (Townsend, TN)	Feb 2011
Appalachian Center for Wilderness Medicine Conference(Augusta, GA)	Mar 2010

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Online Presentations

Drowning Resuscitation EM:Rap Podcast (www.emrap.org)	Jul 2015
Surf Survival: Water Rescue Surflife (www.surflife.com) [19,000+ views]	Oct 2014
Drowning Resuscitation 2014 General public (www.youtube.com) [6,000+ views]	2014
Drowning and Hypothermia United States Coast Guard, Base Kodiak (www.youtube.com)	Aug 2014
Drowning Resuscitation for Surfers General public (www.youtube.com) [12,000+ views]	2013
Drowning Resuscitation 2013 General public (www.youtube.com) [4,000+ views]	2013

Other Activities

Web Master UF Health Jacksonville Ambulance Management Program www.lifeguardswithoutborder.org www.drowninglit.com www.jaxems.com	Current
Consultant, "Water Safety: Drowning prevention strategies that could save a life" by Seka Palikuca (www.doctorsthatdo.org)	Jul 2017
"Water Safety and CPR", WJXT News [TV Interview] (Jacksonville, FL)	Jul 2017
Consultant, "What Every Parent Needs to Know About 'Dry Drowning'" by Emily Page Hatch (www.babble.com)	Jul 2017
Consultant, "Why Using the Term 'Dry Drowning' Could Do More Harm Than Good" by Jesslyn Shields (www.howstuffworks.com)	Jun 2017
Reviewer, Emergency Medicine Practice	Jul 2017
Lead Physician, 2017 Gate River Run (Jacksonville, FL)	Mar 2017
"Lightning injuries", First Coast News [TV Interview] (Jacksonville, FL)	Feb 2017
Hands-Only CPR Training Leader (Jacksonville, FL)	Jan 2017
NAEMT EMS Safety Course (Orlando, FL)	Jul 2016
"Water Safety", WJXT News [TV Interview] (Jacksonville, FL)	Jul 2016
Course Director UF-Mayo "State of the Art Critical Care for EMS " Conference	Feb 2017
UF-Mayo "State of the Art Critical Care for EMS " Conference	Jun 2016
Principal Investigator Siemens D-Dimer DVT/PE Exclusionary Sample Collection Project	Mar 2016
Lead Physician, 2016 Gate River Run (Jacksonville, FL)	Mar 2016
Consultant, Drowning Rescues: The Danger Isn't Over When You're Saved by Mary Purcell (www.safebee.com)	Jun 2015
Race physician, 2015 Gate River Run (Jacksonville, FL)	Mar 2015
"CPR", Alert Diver Magazine [Interview] (www.alertdiver.com)	Mar 2015
"Firework Safety", WJXT News [TV interview] (Jacksonville, FL)	Jul 2014
Race physician, 2013 Gate River Run (Jacksonville, FL)	Mar 2013

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Awards

Special Information Publisher's Association: Best Instructional Reporting Drowning in the adult population: Emergency department resuscitation and treatment. <i>Emergency Medicine Practice</i> .	Jun 2016
Distinguished Young Faculty Member (UF-Jacksonville Emergency Medicine)	Jun 2015
Pediatric ICU 2 nd Year Resident of the Year (UF-Jacksonville Emergency Medicine)	Jun 2013
First Year Resident of the Year (UF-Jacksonville Emergency Medicine)	Jun 2012
Patient Satisfaction Award (UF-Jacksonville Emergency Medicine)	Aug 2011