

Andrew V. Nicholes DO, MA

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Education:

- Emergency Medicine Residency July 1, 2002 – June 30, 2005.
Lehigh Valley Hospital. Allentown, PA.
- Emergency Medicine Emphasis Internship Completed June 30, 2002
South Pointe Hospital, Cleveland Clinic Health System. Warrensville Heights, Ohio.
- D.O.** received May 20, 2001.
University of Health Sciences College of Osteopathic Medicine. Kansas City, MO.
- M.A.** in Biological Sciences received May 1995.
Washington University in St. Louis. St. Louis, MO.
- B.S.** in Biological Sciences received May 1992.
University of Tulsa. Tulsa, OK.

Board Certification:

Emergency Medicine Board Certified. Expires 12/2026 (ABOEM).

Medical Licensure / Certifications:

- License to practice in: Texas, Arizona, Hawaii, and Oregon.
- Hyperbaric Medicine Team Training, International ATMO
- ATLS, APLS, PALS and Tactical Physician.
- Emergency Ultrasound Certified.

Professional Employment:

- Adeptus Health, First Choice Emergency Room (Free-Standing Emergency Dept)
Houston, TX
August 2016 - Current
- United States Army Reserve Medical Corps.
July 2018 - Current
June 2003 - August 2009.
Deployed to Iraq with the 21st Combat Support Hospital December 2006 - March 2007.
- The Emergency Group Hawaii (TEG)
Assistant Clinical Professor University of Hawaii John A Burns School of Medicine
The Queen's Medical Center. Honolulu, HI
April 2017-August 2019(prn)
August 2013-September 2014. (full-time)
- Medical Center Emergency Physicians (Free-Standing Emergency Dept)
Bellaire, TX
June 2015 – March 2018

- Emergency Services Partners (ESP)
Assistant Clinical Professor Texas A&M School of Medicine
St Joseph Regional Health Center. Bryan, TX
October 2014 – Jan 2017
- Bay Area Hospital. Coos Bay, OR.
July 2009 – March 2014. (prn from June 2012)
- Hawaii Emergency Physicians Associates (HEPA)
Hilo Medical Center and North Hawaii Community Hospital.
July 2012- June 2013.
- VA Medical Center Roseburg (Part-time). Roseburg, OR.
April 2010 – Feb 2012.
- Mercy Medical Center in partnership with CEP America. Roseburg, OR.
December 2008 – June 2010.
- Asante Health System (Three Rivers Community Hospital and Rogue Valley Medical Center). Grants Pass, OR.
July 2005 – January 2009.

Emergency Medical Services:

- Medical Director for Air Rescue Systems. Ashland, OR Jan 2013 - March 2016
- Medical Director for Coos County ERT (SWAT) 6/2011-3/2014.
- NAEMSP Medical Director's Course January 2010.
- Medical Director for 911 Dispatch Center for Josephine County, OR. Mar '09-June '12.
- Agent for Medical Director of Josephine County, OR June 2006 - Feb 2012
- Emmaus Ambulance ALS Assistant Medical Director. June 2004 - June 2005
- West End Ambulance BLS Medical Director. July 2003 - June 2005 Effort, PA.

Appointments

- Appointed to State EMS Advisory Committee. Oregon Department of Human Services Section of EMS and Trauma Systems. Also served on the Subcommittee on Certification and Discipline. Portland, OR. July 2009 – Feb 2012.
- Appointed by Oregon Governor to Governor's Advisory Committee for Driving Under the Influence of Intoxicants (DUII). April 2010 – June 2012.

Professional Interests:

In addition to practicing Emergency Medicine I have a strong interest in medical support for military and law enforcement operations. I have taught and have been directly involved in Tactical Emergency Medicine (providing medical care for SWAT/Tactical operations). As a result of my involvement in Tactical Medicine I began providing consultation, education, and training to officers about drugs and impaired driving for multiple agencies. This resulted in a national speaking engagement. Recently, I have become interested in Hyperbaric Medicine. While I have not practiced in this specific field, I have always been very interested in SCUBA and Dive Medicine.

Extracurricular interests:

I have a variety of interests that include SCUBA, flying airplanes, target shooting, CrossFit, hiking, white-water rafting, and several other outdoor activities.

Presentations/Teaching:

- Invited speaker to Texas Impaired Driving Forum Austin, TX February 2018.
- Invited speaker to Missouri DWI/Traffic Safety and DRE Recertification Conference. June 2017
- Assistant Clinical Professor at Texas A&M School of Medicine
- Assistant Clinical Professor at University of Hawaii John A Burns School of Medicine.
- Invited speaker to International Association of Chief of Police National Drug Recognition Expert National Conference. August 2016
- Invited Testimony to combined State Senate and House Judiciary Committee regarding non-controlled substances and impaired driving.
- Invited speaker to Oregon Drug Recognition Expert Conference. April 2011.
- Instructor for CONTOMS (Counter Narcotics and Terrorism Operational Medical Support).
- Instructor for TMI (Tactical Medics International). SWAT medic courses.
- Adjunct Instructor for Oregon State Police and Honolulu Police Dept Drug Recognition Expert (DRE) program and Advanced Roadside Impaired Driving Enforcement (A-RIDE).

Publications:

Using Human Patient Simulators to Train Tactical Emergency Medical Providers. Nicholes A, Rupert R, Bond W, McCarthy J. **JEMS.com** July 2006.

Fulfilling EMS residency requirements using Tactical EMS. Nicholes A. **Newsletter of ACEP Section on Tactical Emergency Medicine**. 2003 Vol 1. No 1.

Behavior and therapeutic efficacy of beta-glucuronidase-positive mononuclear phagocytes in a murine model of mucopolysaccharidosis type VII. Freeman BJ, Roberts MS, Vogler CA, Nicholes A, Hofling AA, Sands MS. **Blood**. 1999; 94(6):2142-50.

Enzyme replacement therapy for murine mucopolysaccharidosis type VII leads to improvements in behavior and auditory function. O'Connor LH, Erway LC, Vogler CA, Sly WS, Nicholes A, Grubb J, Holmberg SW, Levy B, Sands MS. **J Clin Invest**. 1998; 101(7):1394-400.

Gene therapy for murine mucopolysaccharidosis type VII. Sands MS, Wolfe JH, Birkenmeier EH, Barker JE, Vogler C, Sly WS, Okuyama T, Freeman B, Nicholes A, Muzyczka N, Chang PL, Axelrod HR. **Neuromuscular Disorders** 1997; 7(5):352-60.

FimH adhesin of type 1 pili is assembled into a fibrillar tip structure in the Enterobacteriaceae. Jones CH, Pinkner JS, Roth R, Heuser J, Nicholes AV, Abraham SN, Hultgren SJ. **PNAS** 1995; 92(6):2081-5.

Fim C is a periplasmic PapD-like chaperone that directs assembly of type 1 pili in bacteria. Jones CH, Pinkner JS, Nicholes AV, Slonim LN, Abraham SN, Hultgren SJ. **PNAS** 1993; 90(18):8397-401.