

Education

Harbor-UCLA Medical Center – Department of Emergency Medicine (Expected 2018)

- Chief Resident

University of California, Los Angeles – David Geffen School of Medicine (5/2014)

- Mellinkoff Scholar

State University of New York, University at Buffalo (6/2010)

- *Summa cum laude*
- B.S. Biomedical Sciences, B.A. Philosophy

Projects/Activities

Author: ddxof (12/2012-present)

Created ddxof.com, a website focused on creating learning tools for education in emergency medicine. Features over 70 algorithms accessed by thousands of users every month and published as a supplementary column in Emergency Medicine News.

Creator: u-sim (2014-present)

Created u-sim.org in collaboration with the UCLA Simulation Center. u-sim is a suite of applications built to help educators create, share and implement medical simulation scenarios. Presented at the International Meeting on Simulation in Healthcare, January 13th 2015.

Creator: i-pbl (2014-present):

Created i-pbl.com in collaboration with the David Geffen School of Medicine at UCLA Instructional Design and Technology Unit. i-pbl is an interactive problem-based learning module incorporated into the second-year curriculum intended to guide medical students with the transition from pre-clinical to clinical years. The application features a web-based module which simulates an electronic medical record and guides students through common tasks like admission orders and pre-rounding.

Asynchronous Learning: Harbor-UCLA Department of Emergency Medicine (7/2016-present):

Managed asynchronous learning for the Harbor-UCLA DEM residency program which included developing an educational website with curated content, developing learning resources and quizzes for residents implemented in an online learning management system.

Senior Assistant Editor: WikEM (7/2016-present):

Contributor to WikEM, a global emergency medicine wiki. Directed the WikEM Algorithm Project integrating ddxof content into WikEM.

Board Member: Novogenix Ethics Committee (12/2011-present)

Provide guidance on ethical problems for Novogenix Corporation, a biotechnology company specializing in the procurement of human tissue-specific stem cells.

CEO, Art Director: erraticwisdom productions (1/2007-present)

Founded erraticwisdom productions, a network of websites including Station Creative (station.fadial.com), a successful interface and interaction design agency. Also includes erraticwisdom.com an award-winning philosophy and design journal. The network has collectively served over ten million pages since its launch.

Harbor-UCLA, Future Care Leader: (2/2017-)

Participated in master plan development for new hospital construction.

Quality Improvement, Airway Management Team: (1/2017-)

Assisted with the development of a protocol for a new hospital-wide airway management team, including constructing the airway management bag.

Quality Improvement, Access to Educational Resources: (1/2017-)

Developed a guide for Harbor-UCLA Department of Emergency Medicine Residents to improve access to educational resources.

Awards

LA BioMed Core Voucher Award (7/2017): Grant awarded for the development of a mobile companion application for ddxof.com.

Harbor-UCLA Best Resident Award (1/2017): Selected by rotating medical students as best teacher during their rotation.

Harbor-UCLA Sim Wars (10/2016): Member of the winning team at ACEP Sim Wars.

Papers & Presentations

Fadial T. ddxof: A Case of Seeing Double. *Emergency Medicine News*. 2017;39(8B):1. doi:10.1097/01.EEM.0000522078.23430.30.

Fadial T. ddxof: A Dementia Patient with Fatigue. *Emergency Medicine News*. 2017;39(7C):1. doi:10.1097/01.EEM.0000521543.88959.86.

Fadial T. ddxof: Severe Distress and a Diagnosis of Spontaneous ICH. *Emergency Medicine News*. 2017;39(4C):1. doi:10.1097/01.EEM.0000516137.12161.6e.

Fadial T. ddxof: A Condition with Many Possible Causes. *Emergency Medicine News*. 2017;39(5A):1. doi:10.1097/01.EEM.0000516478.15066.01.

Fadial T. ddxof: More than Meets the Eye. *Emergency Medicine News*. 2017;39(3B):1. doi:10.1097/01.EEM.0000514792.35676.cb.

Fadial T. ddxof: An Algorithm for Diagnosing Spinal Epidural Abscess. *Emergency Medicine News*. 2017;39(2C). doi:10.1097/01.EEM.0000513092.92512.49.

Fadial T. ddxof: An Algorithm for Diagnosing an Atypical Antipsychotic Overdose. *Emergency Medicine News*. 2016;38(12A):1. doi:10.1097/01.EEM.0000511193.77510.bb.

Fadial T. ddxof: An Algorithm for Managing Severe Burns. *Emergency Medicine News*. 2017;39(1C):1-2. doi:10.1097/01.EEM.0000512466.76417.4c.

Fadial T, Huang YM, Noji. U-Sim: A Collaborative Online Scenario Builder Application. *International Meeting on Simulation in Healthcare*, January 13, 2015 (presented).

Fadial T, Relan A, Gu Z, Payne S. Modernizing Problem-Based Learning, Improving Medical Student Preparedness Through a Realistic and Interactive Learning Interface. *Senior Scholarship Day (David Geffen School of Medicine)*, March 16, 2014 (presented).

Fadial T, Service S, Teshiba T, Bearden CE, Freimer N. Creative Temperament Associated with Bipolar Disorder in a Genetically Isolated Population. *Josiah Brown Poster Fair (David Geffen School of Medicine)*, July 28, 2011 (presented).

Fadial T. Natural Kinds in Chemistry. *Denison University Episteme Conference*. Granville, OH, March 28, 2008 (presented).

Ongoing Research Activity

Fadial T, Yiju L, Yadav K, Lanks C, Hsia D. Comparison of Relative Accuracy of Three Ultrasound Transducers for the Detection of Pneumothorax. Harbor-UCLA Medical Center. Status: IRB Application (7/2017)

Fadial T, Relan A. Enhancing Diagnostic Reasoning Skills among Medical Trainees: Effect of Integrating Clinical Concept Maps in Problem Based Learning. David Geffen School of Medicine at UCLA. Status: IRB Approved (UCLA IRB#17-000593, 6/2017)

Teaching Activity

Applied Anatomy College (5/2017): Resident teacher for Airway Lab session at the David Geffen School of Medicine at UCLA.

Emergency Medicine Procedures EM220.02 (8/2016): Resident teacher for Emergency Medicine Procedures Lab at the David Geffen School of Medicine at UCLA.