

CURRICULUM VITAE

ARWEN DECLAN, M.D., PH.D., FAAEM

PROFESSIONAL CLINICAL EXPERIENCE

Emergency Physician, Prisma Health – Upstate	Oct 2018 – current
Emergency Physician, Southern Colorado Emergency Specialists	Jan 2016– June 2018
Emergency Physician, Emergency Medical Associates/EMCare	June 2014–Dec 2015
Staff Physician, Cincinnati VA Medical Center	Sept 2013 – June 2014
Flight Physician, UC AirCare	July 2011–June 2014

FACULTY APPOINTMENTS

Assistant Research Director Department of Emergency Medicine, Prisma Health - Upstate	Oct 2019–current
Clinical Assistant Professor USC College of Medicine, Greenville SC	Feb 12, 2019–current
Instructor of Medical Sciences & Education Boston University School of Medicine, Boston MA	July 2015–Dec 2015
Clinical Mentor, Doctoring Program Warren Alpert Medical School of Brown University, Providence, RI	Sept 2014–Dec 2015

TRAINING & EDUCATION

Clinical and Translational Research Certification Clemson University, Clemson, SC	August 2019–current
Department of Emergency Medicine Residency University of Cincinnati, Cincinnati, OH	July 2010–June 2014
Duke University School of Medicine, Durham, NC	August 2002–May 2010

Doctor of Medicine

Department of Neurobiology, Duke University, Durham, NC Aug 2004–Apr 2009
Doctor of Philosophy, Neurobiology

Churchill College, University of Cambridge, Cambridge, England Sept 2001–July 2002
Master of Philosophy, Medical Sciences

Brandeis University, Waltham, MA Aug 1997–May 2001
Master of Science, Biochemistry
Bachelors of Science *summa cum laude*
Major concentrations: Biochemistry, Biology, Music

LEADERSHIP & SERVICE

AAEM Academic Affairs Committee August 2020 – current

Medical Treatment Task Force April 2020–September 2020

Novel Therapeutics Selections

Biomarker Selection for Optimal Treatment, Stratification, and Prognostication

Evidence-Based Protocol Development

Report to the Medical Pathways Committee

Emergency Department Evaluation and Treatment of Persons Under Investigation for COVID-19

Conference Support and Organization: SAEM SE Winter 2020

Graduate Medical Education Committee July 2019–current

Emergency Department, Prisma Health - Upstate

AAEM Wellness and Burnout Committee Aug 30, 2019–Aug 30, 2021

Leadership Development Program, St. Mary Corwin/Academy Leadership Summer 2017

EPIC Superuser: Physician Support Aug 2012–Dec 2012; Spring 2017

ACEP Pediatric Emergency Medicine Committee Oct 2014 – Dec 2016

Assistant medical director, Mobile Care Nov 2011–June 2014

QI Committee, Mobile Care Nov 2011–June 2014

Outreach Committee, Air Care & Mobile Care Dec 2011–Dec 2012

Clinical Instructor	Aug 2011 & Aug 2013
University of Cincinnati College of Medicine 1st Responder Class (MSI)	
Churchill Scholarship Selection Committee	Winters 2009, 2012
Medical Station Event Staff	
World Choir Games	July 2012
Western & Southern Financial Group Masters and Women's Open	Aug 2010, 2011
Assistant medical director	
Mariemont Fire Department	June 2011–July 2012
North College Hill FD and Mt Healthy FD	Jan 2011–June 2011
Global Health Outreach: Jamaica Medical Prison Mission	Oct 2010
Ronald McDonald House (volunteer)	Sept 2009–May 2010
Fremont Rural Health Clinic (volunteer)	Summer 2009–May 2010

TEACHING & MENTORING

Resident Scholarly Activity Longitudinal Mentorship	July 2019 – current
Resident Teaching, supporting roles	July 2019 – October 2021
Core Statistical Concepts	
Journal Club	
Resident Teaching, Prisma Health - Upstate	October 2018–current
Mock oral boards examiner	Nov 5, 2019
Procedure lab: Subclavian lines	Oct 3, 2019
Medical Student Acting Intern Clinical Mentorship, USCCOM-Greenville	July 2019–Dec 2019
COVID-19 Research Task Force	March 2020 – current
Pharmaceutical Repurposing for COVID-19	
Emergency Department Biomarker Identification	
Evaluation of Vitamin D Deficiency in Patients with COVID-19	
iCollaborate Submission	
COVID-19 Collaborative Data Corps	
Ultrasound Research	July 1, 2019–current
Invited talks: Medical student research day: EM Research Overview	Nov 13, 2019

Clinical Mentor, Doctoring Program Warren Alpert Medical School of Brown University, Providence, RI	Sept 2014–Dec 2015
Instructor of Medical Sciences & Education Boston University School of Medicine, Boston MA	July 2015–June 2016
Residency Lecturer, University of Cincinnati	July 2010–June 2014
Simulation-Based Learning: Malpractice	May 2014
EM Content: Key Clauses in EM Contracts	Feb 2014
EM Content: Rheumatologic Emergencies	Sept 2013
EM Content: 100 ED Transports for Psychiatric Evaluation	April 2013
Journal Club: Implementation of the PECARN Head CT Rule	Sept 2012
Clinical Controversies: VL vs DL	July 2012
EM Content: Chorioamnionitis	Dec 2011
Clinicopathological Case: Hypercalcemia	Dec 2011
Evidence-based Treatment of Emergent Thyrotoxicosis	Nov 2011
Altitude Sickness	Feb 2011
Radiology: CT of the Face	Dec 2010
College of Medicine 1st Responder Class (MSI), University of Cincinnati	Aug 2011 & 2013
Airway & Ventilation	
Soft Tissue Injuries	
Communications	
Small group teaching sessions: Vital Signs, Infant CPR/AED, Medical and Trauma Assessment	
EMS Education	July 2010—June 2013
Scents of Scenes	June 2012
BLS & ALS Skill Assessments	Oct 2011
Respiratory Emergencies and CPAP	June 2011
Geriatric Assessment	Jan 2011
Pre-Hospital Trauma Life Support: CNS (Brain and Spine)	Dec 2010
Pre-Hospital Trauma Life Support: Airway	Dec 2010
Ultrasound Education (Resident & Medical Student)	July 2012
Undergraduate research mentor	Jan 2006—May 2009
BOOST Teaching Associate	Aug 2006—May 2007
Motor System and Reflexes Guest Assistant Lecture, Focus Seminar	Sept 2006
Neurological Exam Guest Lecture	Jan 2006
Neuroanatomy Teaching Assistant	Nov 2004–Jan 2005

GRANTS

Health Sciences Center Seed Grant: COVID-19	2020
Gertrude B. Elion Mentored Medical Student Research Award	2009
Vienna Summer University full fellowship History and Philosophy of Biomedical Sciences	2008
International Brain Research Organization Travel Fellowship	2007
NIH Kirchstein pre-doctoral fellowship (1F30MH079555)	2006–2007
Aleane Webb Dissertation Research Award, Duke University	2006–2007
Winston Churchill Scholarship	2001–2002
Barry M. Goldwater Award	2000–2001
Howard Hughes Summer Research Fellowship, Brandeis University	1999–2000

SELECTED HONORS AND AWARDS

U of SC School of Medicine Greenville Leading Through Crisis Award	Spring 2020
Clinical and Translational Research Scholar, Dept of Emergency Medicine	2019–current
Above and Beyond Award, St. Mary Corwin Hospital	2017
Billing and Dictation Award, 2nd Place	2013
Gertrude B. Elion Mentored Medical Student Research Award	2009
Vienna Summer University full fellowship History and Philosophy of Biomedical Sciences	2008
NIH Kirchstein pre-doctoral fellowship (1F30MH079555)	2006–2007
Sanford Summer School in Neuroeconomics	2006
Aleane Webb Dissertation Research Award, Duke University	2006–2007
Winston Churchill Scholarship	2001–2002
Nathan O. Kaplan Prize in Biochemistry, Brandeis University	May 2001
Barry M. Goldwater Award	2000–2001
Doris Brewer Cohen Award for Scientific Research, Brandeis University	1999–2000

Dean's List, Brandeis University	1997–2001
Justice Brandeis Scholar, Brandeis University	1997–2001
Howard Hughes Summer Research Fellowship, Brandeis University	1999–2000
Phi Beta Kappa, Brandeis University (junior year)	1999
Academic Honors List, College of DuPage	1998
National Merit Scholarship	1997

PROFESSIONAL SOCIETIES

American Academy of Emergency Medicine (January 2014–current)
 Society for Academic Emergency Medicine (July 2010–June 2014; Dec 2020–current)
 American College of Emergency Physicians (July 2010 – June 2017)
 Emergency Medicine Residents' Association (July 2010–June 2017)
 Air Medical Physician Association (July 2010–June 2014)
 Society for Neuroscience (2005–2010)
 Society for Neuroeconomics (2005–2007)
 Vision Sciences Society (2005–2006)
 Intercollegiate Studies Institute (2002–2010)

PUBLICATIONS

ORCID 0000-0002-8757-8950

Publications

Repurposing Therapeutics for Potential Treatment of SARS-CoV-2: A Review. Santos, A., Brierley, S., Gandhi, M.J., Cohen, M.A., Moschella, P.C., **Declan, A.** Viruses (2020). 12(7): 705.

COVID-19 Research Task Force. Zhou, E. and **Declan, A.** Internet publication (2020). <https://icollaborative.aamc.org/resource/11138/>

Ishimine, P., Whiteman, P., Marshall, K., Mayz, K., Schmitz, G., Rose, E., Amato, C., **Declan, A.**, Cohen, A., Dietrich, A. Why Pursue Pediatric Emergency Medicine? EMResident. Dec 4, 2015.

Long, A.*, Kuhn, C., and Platt, M. Serotonin shapes risky decision making in monkeys. Social Cognitive and Affective Neuroscience (2009). 4(4): 346356

Long, A.* and Platt, M. Decision making: the virtue of patience in primates. Current Biology (2005). 15(21):R874-6.

Peer-Reviewed Abstracts

Hunnicut, W., Tan, X., **Declan, A.**, Moschella, P.. Age Adjusted D-dimer is an Independent Mortality and Admission Risk Factor for Emergency Department Patients. Society of Academic Emergency Medicine Annual Meeting, May 2020. Poster Presentation. [This meeting was cancelled due to COVID-19 travel restrictions.]

Declan, A. A Novel Residency Biostatistics Curriculum With Concurrent Clinical Education via LLSA Articles. American Academy of Emergency Medicine 26th Annual Scientific Assembly, April 2020. Invited Poster Presentation. [This invited poster presentation was cancelled due to COVID-19 travel restrictions.]

Moorhead, S., **Declan, A.**, He, L., Moschella, P., and Morrow, D.. Medical students trained in ultrasound interpret LE DVT ultrasounds accurately as compared to residents and physicians; however, they require more training for accurate interpretation of gallbladder images. American Institute of Ultrasound in Medicine Annual Meeting, March 2020. ePoster. [This meeting was cancelled due to COVID-19 travel restrictions].

Declan, A., Moorhead, S., He, L., Moschella, P. and Morrow, D.. Medical Students Achieve Higher Diagnostic Accuracy for DVT Ultrasounds Than for Gallbladder Ultrasounds. SAEM Southeast, February 22, 2020, Greenville, SC.

Declan, A. LLSA Articles Reflect Core Concepts of Biostatistics. ePoster. SAEM Southeast, February 22, 2020, Greenville, SC.

Declan, A. and Hooker, E. New Onset Left Shoulder Pain. Photo Exhibition, SAEM Annual Meeting, 2014.

Book Chapters

Declan, A. and Knight, W.. Relief of Pain and Anxiety in Pediatric Patients in Emergency Medical Systems. The 2015 Lifelong Learning and Self-Assessment Study Guide, EB Medicine, 2015. Chapter 10.

Tonna, J., **Long, A.*** Emergency Medicine: Advanced Life Support for Out-of-Hospital Respiratory Distress. Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 6e. Online update (2010).

Long, A.* "Deferring and Bouncing." *Vault Insider Guide to Medical School Admissions*. Ed. Kansagra, S. New York, NY: Vault Inc., 2006. 149–150.

Posters

Long, A.*, Furlong, M., Shah, N., Zhang, J., Jiang, B., Rodriguiz, R., Wetsel, W., and Platt, M. Serotonin Modulates Risk Preferences in Mice. MSTP Keystone annual meeting, 2009.

Boltuck, S., **Long, A.***, Pearson, J., Rodriguiz, R., Wetsel, W., and Platt, M. Mouse foraging as a behavioral assay. Visible Thinking, 2009.

Jiang, B., Shah, N., Zhang, J., **Long, A.***, Rodriguiz, R., Wetsel, W., and Platt, M. Serotonin increases risky choice in mice. Visible Thinking, 2009.

Long, A.*, McCoy, A., and Platt, M. Neurons in posterior cingulate cortex respond phasically to salient task events. Duke Medical Scientist Training Program Annual Symposium, 2009.

Long, A.*, Furlong, M., Shah, N., Pages, D., Zhang, J., Rodriguiz, R., Wetsel, W., and Platt, M. Influence of Serotonin and Dopamine on Risk Preferences in Mice. Society for Neuroscience annual meeting, 2008.

Long, A.* and Platt, M. Posterior Cingulate neurons encode behavioral preferences, but not risk, in a gamble. Society for Neuroscience annual meeting, 2007.

Long, A.*, Furlong, M., Kuhn, C., Rodriguiz, R., Wetsel, W., and Platt, M. Amino acid depletions affect risk-preferences in macaques and mice. International Brain Research Organization (IBRO), 2007.

Long, A.*, McCoy, A., and Platt, M. Posterior Cingulate neurons respond to visually

and motivationally salient events. Duke Medical Scientist Training Program Annual Symposium, 2007.

Long, A.*, Roberts, S., Furlong, M., Kuhn, C., Platt, M. Serotonin Levels Modulate Decision-Making Under Risk. Duke MSTP Annual Symposium, 2006.

Long, A.*, McCoy, A., and Platt, M. Posterior Cingulate neurons respond to visually and motivationally salient events. Society for Neuroscience annual meeting, 2006.

Long, A.*, Kuhn, C., and Platt, M. Rapid Phenylalanine and Tyrosine Depletion modulates macaque decision-making. Society for Neuroeconomics annual conference, 2006.

Long, A.*, McCoy, A., and Platt, M. Posterior Cingulate Neurons encode visually and motivationally salient events. Statistical Analysis of Neuronal Data Workshop (SAND3), 2006.

Long, A.*, McCoy, A., and Platt, M. Posterior Cingulate Neurons encode visually and motivationally salient events. Vision Sciences Society annual meeting, 2006.

Long, A.*, Kuhn, C., and Platt, M.. Modulation of macaque risk preferences by Rapid Tryptophan Depletion. Society for Neuroscience annual meeting, 2005.

Long, A.*, Roberts, S., McCoy, A., and Platt, M. Effects of Rapid Tryptophan Depletion on risk preferences in macaques. Society for Neuroeconomics annual meeting, 2005.

Long, A.*, McCoy, A., Roberts, S., and Platt, M. Rapid Tryptophan Depletion modulates risk preferences in macaques. Medical Scientist Training Program Annual Symposium, Duke University, Apr 2005.

Long, A.* and Hedstrom, L. Identification of the enzyme inhibited by FR901483. The Howard Hughes Fellowship Program for Undergraduate Summer Research in the Life Sciences: Mini-symposium, Brandeis University, Aug 1999.

Talks

Long, A.*, Kuhn, C., Platt, M. Rapid tryptophan depletion modulates risk-sensitive decision making in macaques. Medical Scientist Training Program Annual Symposium, Duke University, 2008.

Long, A.* and Hedstrom, L. The function of the subdomain of Inosine Monophosphate Dehydrogenase. Arwen Long and Lizbeth Hedstrom. The Howard Hughes Fellowship Program for Undergraduate Summer Research in the Life Sciences: Mini-symposium, Brandeis University, Aug 2000.