

Amanda K Irish, MD, MPH, MS, CEIDE
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Education:

Oregon Health & Science University 2015-2019

MD

Scholarly Project: Cannabis and Acute (Adolescent) Mental Health Presentations to the Emergency

Department: A Systematic Review of the Literature

The University of Iowa 2014-2015

MS Human Physiology

Master's Thesis Principal Investigator: Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis

The University of Iowa 2010-2013

BS with University and Departmental Honors in Human Physiology; Pre-Medicine

The University of Iowa 2009-2010

MPH Epidemiology; Certificate in Emerging Infectious Disease Epidemiology (CEIDE)

Practicum: Seroprevalence of select infectious diseases in Ebola-endemic Uganda

The University of Iowa 2006-2009

BA International Studies with Honors: African Studies and Global Health focus areas

Global Health certificate, French minor

Honors Thesis: The Agricultural Workers' Role in Pandemic Avian Influenza Spread

Honors Commendations for: International Research, Interdisciplinary Studies, and Thesis in International Studies

Honors and Awards:

- August 2021 University of Connecticut Emergency Medicine 'Resident of the Month'
- 2016-17 Outstanding Medical Student Scholarship
- 2014 Executive Council of Graduate and Professional Students (ECGPS) research award
- 2014 Dewey-Stuit travel award for Ancestral Health Symposium
- 2013 Omicron Delta Kappa inductee
- 2013 Collegiate Scholar
- 2009, 2013 Selected as 1 of 20 University of Iowa undergraduates to present thesis research at the Iowa Board of Regent's 'Research in the Capitol'
- 2009 Outstanding Presenter, Iowa Center for Research by Undergraduates Spring Undergraduate Research Festival
- 2009 College of Liberal Arts & Sciences Dewey-Stuit Fund for Undergraduate Research Award, Student Interdisciplinary Health Research Poster Session

Employment:

University of Connecticut, Department of Emergency Medicine (July 2019-Present)

Resident Physician

Scholarly Project: Tracking strategies against COVID at organizational, city, county, state, and federal levels

Committees: Curriculum planning

Special recognition: Advocacy resident 2021-2022

University of Iowa Hospitals and Clinics, Department of Psychiatry, Child and Adolescent Psychiatry (March 2015-June 2015)

Nursing Assistant

Duties: providing support and mentoring pediatric psychiatry inpatients, facilitating Dialectic Behavioral Therapy sessions, ensuring safety of staff and other patients on unit and hospital-wide.

The University of Iowa, Department of Health and Human Physiology (August 2013-May 2015)

Teaching Assistant

Duties: lesson planning, lecturing, tutoring, mentoring, and evaluation for various courses in Human Physiology.

Courses: Fundamentals of Human Physiology, Human Physiology, Human Physiology Lab, Physiology of Nutrition, Introduction to Human Pharmacology, Motor Learning: Theory and Application.

The University of Iowa Veterans Association (UIVA) (April 2011-December 2012)

President/Student Liaison

Duties: developing and executing policies to support the UIVA mission, ensuring proper services identified and delivered to veterans.

United States Department of Commerce (March-May 2009, August-September 2009, March-April 2010, August-October 2010, January-March 2011)

Various positions and duties relating to quality assurance of the 2010 decennial census.

University of Iowa Hospitals and Clinics, Department of Pediatrics, Neonatology Division (December 2009-May 2010; August-December 2010)

Graduate Research Assistant

Duties: collecting and compiling data from medical records, managing several national neonatal databases, and creating reports.

United States Army Medical Research Institute for Infectious Diseases (USAMRIID) (June-July 2010)

Laboratory Intern

Duties: processing ELISAs on sera obtained from Ebola-endemic Uganda to detect Ebola, Marburg, Lassa, Dengue, Rift Valley Fever, Chikungunya, Yellow Fever, and West Nile Virus for public health and biologic defense.

The University of Iowa (August-September 2008, May-September 2009)

Laboratory Intern, Research Assistant: Center for Emerging Infectious Diseases (CEID)

Duties: assisting in enrollment of subjects, preparing/handling/processing biological samples for research on various zoonotic diseases utilizing general lab techniques and procedures as well as BSL-2 enhanced procedures, molecular techniques, cell culture propagation, virus propagation, serology, and phlebotomy.

University of Iowa (November 2007-March 2008)

Microbiology Lab Assistant: Apicella Lab (Microbiology Department Head)

Duties: preparing samples for SEM and SEM microphotography for various *Neisseria* strains.

United States Marine Corps (2002-2006)

Corporal; Nuclear, Biological, Chemical (NBC) Defense Specialist

Duties: training Marines for survival in NBC warfare environments, implementing decontamination procedures, and risk planning for NBC-based attacks.

Publications:

Irish AK. Increasing Primary Care/Urgent Care Access. ACEP ED Boarding Toolkit. 2020. Under review.

Irish AK. Provider in Triage. ACEP ED Boarding Toolkit. 2020. Under review.

Clements TL, Rossi CA, **Irish AK**, Kibuuka H, Eller LA, Robb ML, Kataaha P, Michael NL, Hensley LE, Schoepp RJ. Chikungunya and O'nyong-nyong Viruses in Uganda: Implications for Diagnostics. Open Forum Infect Dis <https://doi.org/10.1093/ofid/ofz001>

Irish AK, Erickson CM, Wahls TL, Snetselaar LG, Darling WG. Randomized control trial evaluation of a modified Paleolithic dietary intervention in the treatment of relapsing-remitting multiple sclerosis: A pilot study. Degener Neurol Neuromuscul Dis 2017(7): 1-18.

Irish AK. Understanding disability in the student veteran community: Vignette. In: Hamrick FA, ed. Called to serve: A handbook on student veterans and higher education 1st ed. San Francisco, CA: Jossey-Bass; 2012: 138-9.

Irish AK. Gibbs JL. Refugee Health Fact Sheet. Physicians for Social Responsibility: Health Consequences of Global Warming. 2007.

Presentations:

Irish AK. Expedited Partner Therapy in the Emergency Department University of Connecticut Integrated Residency in Emergency Medicine; September 9, 2021; Hartford, CT.

Irish AK. Infectious disease Control Update. University of Connecticut Integrated Residency in Emergency Medicine; July 28, 2021; Hartford, CT.

Irish AK. FDA Vaccine Approval: How a Bug Becomes a Shot. Drop The Mic, American College of Emergency Physicians (ACEP) Leadership and Advocacy Conference (LAC). July 25, 2021; Washington, D.C.

Irish AK. Introduction to Hand Orthopedics. University of Connecticut Integrated Residency in Emergency Medicine; July 21, 2021; Hartford, CT.

Irish AK, et al. The Academy for Diversity and Inclusion in Emergency Medicine (ADIEM) Webinar Series – How to Be a Successful EM Applicant: The Interview. September 30, 2020. Zoom.

Irish AK. Imidazoline Toxicity. University of Connecticut Integrated Residency in Emergency Medicine; September 18, 2020; Hartford, CT.

Irish AK, et al. The Academy for Diversity and Inclusion in Emergency Medicine (ADIEM) Webinar Series – How to Be a Successful EM Applicant: Making Your ERAS Program List. September 2, 2020. Zoom.

Irish AK. Tropical “Western” Hemisphere Infectious Diseases. University of Connecticut Integrated Residency in Emergency Medicine; September 2, 2020; Hartford, CT.

Irish AK, Cloutier RL, Selbak RN, Hamilton AS, Choo EK. Cannabis and Acute (Adolescent) Mental Health Presentations to the Emergency Department. Poster presented at: Scholarly Projects Capstone Event; March 8, 2019; Portland, OR.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: Department of Internal Medicine Research Day; February 6, 2013; Iowa City, IA.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: Research in the Capital; March 26, 2013; Des Moines, IA.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: Spring Undergraduate Research Festival (SURF); April 10, 2013; Iowa City, IA.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: 14th Annual Student Interdisciplinary Health Research Poster Session; April 23, 2013; Iowa City, IA.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: Fall Undergraduate Research Festival (FURF); December 4, 2013; Iowa City, IA.

Irish AK, Wahls TL, Snetselaar LG, Darling WG. Evaluation of a Modified Paleolithic Dietary Intervention in the Treatment of Relapsing-Remitting Multiple Sclerosis. Poster presented at: Ancestral Health Symposium (AHS); August 16, 2013; Atlanta, GA.

Certifications:

Advanced Cardiovascular Life Support (ACLS)

Advanced Trauma Life Support (ATLS)

Basic Life Support (BLS)

Pediatric Advanced Life Support (PALS)

Professional development:

EMRA Leadership Academy, graduate, class of 2020. A year-long selective leadership development program and community for emerging leaders in Emergency Medicine, which consisted of monthly sessions led by national thought leaders in EM focused on core leadership topics coupled with virtual discussions that provided the opportunity for reflection and critical skills development.

Additional Training:

AWR-147: Rail Car Incident Response
Blood-Borne Pathogens, Biological safety
Hazmat responder: Awareness, Operations, Technician
Incident Command System Courses: Introduction to Incident Command System, ICS-100 for Health Care/Hospitals, Applying ICS to Healthcare Organizations ICS-200 for Health Care/Hospitals, National Incident Management System (NIMS): An Introduction (IS-700.a), National Response Framework, An Introduction (IS-800.b), Incident Command System & Emergency Operations Center interface (G-191), Mass Fatality Incident Response (G-386)
Midwest Regional Center of Excellence for Biodefense and Emerging Infectious Diseases Research (MRCE) Biosafety for the Research Scientist
National Disaster Life Support Foundation: Basic Disaster Life Support
Quality Improvement and Patient Safety: Pediatric Behavioral Safety

International Research Experience:

Nsukka, Nigeria; Summer 2008. Research on avian influenza
Tamil Nadu, India; Winter 2007-2008. Research on cervical cancer in rural women

Memberships and Honorary/Professional Societies:

American College of Emergency Physicians (ACEP)
American Medical Association (AMA)
Connecticut College of Emergency Physicians (CCEP)
Connecticut State Medical Society (CSMS)
Emergency Medicine Residents' Association (EMRA)
Omicron Delta Kappa (ODK)
Society of Academic Emergency Medicine (SAEM)
Women Marines Association (WMA)

Volunteer Activities:

Service Women's Action Network (SWAN, August 2021)
Connecticut College of Emergency Physicians Board of Directors EMRA Representative for Connecticut (September 2020-present), Resident Representative for University of Connecticut (September 2019-September 2020)
Connecticut State Medical Society Councilor for Resident and Fellow Section (September 2019-present)
Oregon Medical Association Medical Student Liaison, Student Section Board of Trustees member (February 2018-July 2019)
Big Brothers Big Sisters Columbia Northwest (January 2018-June 2019)
Bridges Collaborative Care Clinic (BCCC, January 2018-June 2019)
Oregon Health & Science University Student Ambassador and Peer Mentor (September 2015-June 2019)
Midwest-1 Disaster Medical Assistance Team (DMAT, July 2009-Present)
Johnson County Medical Reserve Corps (MRC, October 2011-July 2015)
Johnson County Hazardous Materials Response Team (JCHMRT, October 2009-July 2015)
Iowa City Hospice (May 2011-July 2015)