



Mary Ellen Irene Koran

Affiliate, Rad/Neuroimaging and Neurointervention

Bio

BIO

Mary Ellen grew up in Annapolis, Maryland. She attended college at Duke University, where she majored in Biomedical Engineering with a minor in Chemistry. After graduation, Mary Ellen moved to Nashville, Tennessee to join the Medical Scientist Training Program (MSTP) and earned her combined MD/PhD at Vanderbilt University. She completed her PhD in Human Genetics in the laboratory of Dr. Tricia Thornton-Wells, where she studied the radiogenomics of Alzheimer's Disease. She developed a pipeline of tools to analyze and quantify images from MR and PET images, which she then used as quantitative traits in genetic analyses to tease apart the etiology of Alzheimer Disease. She is continuing her quantitative MR and PET imaging research with various mentors across Stanford.

Outside of radiology, Mary Ellen is excited about curriculum development, wellness, mentorship, and leadership. She developed and co-leads the RadCombinator curriculum for protected research time for radiology residents, co-leads the radiology wellness committee, for which she secured funding for a resident wellness program, is a member of the GME Women in Medicine Leadership Council, and is co-chair of the GME Women in Medicine Community Development committee. She is also an active mentor through the Women in Medicine Mentorship Program and the Stanford Women Association of Physician Scientists (SWAPS).

Outside of work, Mary Ellen enjoys swimming with the Stanford Masters' team, shopping farmer's markets, mountain biking, and hiking the amazing trails around Northern California, all with her husband Cody. They also love playing with their dog, Bowser.

EDUCATION:

2017 – Present

Stanford University – Palo Alto, CA

Department of Radiology

Resident Physician

2016 – 2017

University of Tennessee – Nashville, TN

Department of Internal Medicine

Intern Physician

2009 – 2016

Vanderbilt University – Nashville, TN
M.D. Medical Scientist Training Program

2011 – 2014

Vanderbilt University – Nashville, TN
Ph.D. Human Genetics

2005 – 2009

Duke University – Durham, NC
B.S.E., Graduation with Distinction
Biomedical Engineering

AWARDS AND HONORS:

Etta Kalin Moskowitz Fund Research Award
Awarded by Stanford University Radiology Residency Program, 2017

Founder's Award
Awarded by Vanderbilt University School of Medicine to 1st in class, 2016

Glasgow-Rubin Citation for Academic Achievement
Awarded by Vanderbilt University School of Medicine to 1st female in class, 2016

Roentgen Award
Awarded by Vanderbilt University School of Medicine Department of Radiology, 2016

Fellow and Resident Annual Meeting Scholarship
Awarded by the World Congress of Interventional Oncology for the annual WCIO Conference, 2016

Alpha Omega Alpha Honor Medical Society
Vanderbilt University, 2015

Dr. Constantin Cope Medical Student Research Award
Awarded by the Society of Interventional Radiology Foundation, 2015

Society of Interventional Radiology Medical Student Travel Scholarship

Awarded by the Society of Interventional Radiology for the annual SIR Conference, 2014

Flexner Dean's Lecture Student Lecturer

Awarded by Vanderbilt University, 2013

NIGMS Travel Fellowship

Awarded by the National Institute of General Medical Sciences for the Short Course on Statistical Genetics and Genomics, 2011

Medical Scientist Training Program

Funded by NIH T32 GM07347, full tuition scholarship and stipend for both medical and graduate school, 2009 – 2016

Baldwin Scholars Unsung Heroine Award

Awarded by Duke University, 2009

Research in Practice Program Grant

Awarded by Duke University, 2008

Pratt Undergraduate Research Fellowship

Awarded by Duke University, 2007-2009

PUBLICATIONS:

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1hIEr15HHAqAz/bibliography/54643152/public/?sort=date&direction=ascending>