

CHARLEEN D. ADAMS

Geneticist and Molecular Cancer Epidemiologist

@ chaadams@coh.org

charadams.com

cdanielleadams



EXPERIENCE

Postdoctoral Fellow (Molecular Cancer Epidemiology)

City of Hope

Aug 2018 - Ongoing

Los Angeles, CA

-Integrative OMICS: RNA-seq in tumor and whole-exome seq for both tumor and normal tissue to characterize breast cancers in an Hispanic patient population

-Racial differences in PAM50 subtypes between Hispanic and non-Hispanic White patients (combining a local cohort and TCGA)

Postdoctoral Researcher (Molecular Cancer Epidemiology)

University of Bristol

Oct 2018 - July 2018

Bristol, UK

-Mendelian randomization of metabolites on risk of prostate cancer

-Role of maternal anxiety on infant genome-wide methylation

Predocctoral Fellow (Molecular Cancer Epidemiology)

Fred Hutchinson Cancer Research Center

2014 - 2016

Seattle, WA

-Genome-wide methylation in night and day shiftworkers

-Circadian biology for public health

-The precautionary principle for shift-work research and decision-making

Predocctoral Fellow (Clinical Genetics and Molecular Cancer Epidemiology)

Clinical Genetics Branch, National Cancer Institute

July 2011 - Sept 2012

Rockville, MD

-Incidence of familial testicular germcell tumors

-Otological manifestations of bone-marrow failure conditions

Genetics Health Services Consultant

Newborn Screening Program

Feb 2007 - Oct 2010

Seattle, WA

TEACHING EXPERIENCE

- **Summer 2016**-Teaching Assistant, Implications of Public Health Genomics for the Modern World (PHG200), University of Washington, Seattle, WA
- **2015-2016**-Chair, Epidemiology Fellows Forum, Fred Hutchinson Cancer Research Center, Seattle, WA
- **Summer 2002**-Lecturer, Rhetoric in the Media (ENG121), Northern Arizona University, Flagstaff, AZ
- **2000-2002**-Lecturer, Critical Reading and Writing (ENG105), Northern Arizona University, Flagstaff, AZ

EDUCATION

PhD in Public Health Genetics

University of Washington

Sept 2013 - Dec 2016

MPH in Genetic Epidemiology

Johns Hopkins University

July 2011 - Sept 2012

MA in Applied Linguistics

Northern Arizona University

Sept 2000 - May 2002

BA in Speech Pathology & Audiology

Northern Arizona University

Sept 1996 - May 2000

REFERENCES

Prof. Susan Neuhausen

@ susan.neuhausen@coh.org

Beckman Research Institute
City of Hope

Prof. Wylie Burke

@ wburke@uw.edu

Department of Bioethics and Humanities
University of Washington

Dr. Mark Green

@ greenem@mail.nih.gov

Clinical Genetics Branch
Division of Cancer Epidemiology and
Genetics, National Cancer Institute

Dr. Parveen Bhatti

@ bhatti@bccrc.ca

Cancer Control Research, BC Cancer
Agency

PUBLICATIONS

1. **Adams CD.** Tackling misdirected blame–disavowing all forms of anti-Semitism. Republished in *Quilliam* (2018).
2. **Adams CD.** Tackling misdirected blame–disavowing all forms of anti-Semitism. *Areo* (2018).
3. **Adams CD et al.** Circulating metabolic biomarkers of screen-detected prostate cancer in the ProtecT study. *Cancer Epidemiol Biomarkers Prev* (2018).
4. **Beynon R et al.** Investigating the effects of lycopene and green tea on the metabolome of men at risk of prostate cancer: the ProDiet factorial randomised controlled trial and Mendelian randomization study. *Int J Cancer* (2018).
5. **Adams CD.** A brief tour of epigenetic epidemiology and mental health. *Current Opin in Psychol* (2018).
6. **Adams CD.** Female intrasexual competition: from demons to better angels. *Areo* (2018).
7. **Adams CD, Blacksher E, and Burke W.** The precautionary principle for shift-work research and decision-making. *Public Health Ethics* (2018).
8. **Adams CD.** Nothing human is foreign to me: on the nobility of science and the humanistic instinct. *Areo* (2018).
9. **Adams CD, Blacksher E, and Burke W.** Night shifts: circadian biology for public health. *Nature* (2017).
10. **Adams CD.** Genetics, fear, and the slippery slope of moral authoritarianism. *Quillette* (2017).
11. **Adams CD et al.** Nightshift work, chronotype, and genome-wide DNA methylation in blood. *Epigenetics* (2017).
12. **Kalejaiye A et al.** Otologic manifestations of fanconi anemia and other inherited bone marrow failure syndromes. *Pediatr Blood Cancer*, 1-7 (2016).
13. **Bhatti P et al.** Response to 'Civil time \neq biological time: recent options for empirically testing possible effects of chronodisruption'. *Chronobiol. Int.*, **32**, 1-2 (2015).
14. **Pathak A et al.** Prospectively identified incident testicular cancer risk in a familial testicular cancer cohort. *Cancer Epidemiol Biomarkers Prev.* 1-27 (2015).