

Randall V. Collura

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Experience:

NY State Department of Health – Research Scientist 4, April 2024 - Present

- Director of the Data Analysis and Research Translation unit within the AIDS Institute
- Direct a staff of 7 data analysts, epidemiologists, and graphics professionals
- Responsible for producing numerous data products that are distributed to the public as well as being used to direct programmatic activities for HIV prevention and outbreak response in New York State

NY State Department of Health - Evaluation Specialist IV, July 2021 - April 2024

- Conducted complex analysis of statewide HIV data to understand disparities in diagnoses and treatment of HIV including long term health outcomes
- Developed methods of presenting disparities in the diagnoses of HIV for both internal DOH and public dissemination – including DART PHACTS
- Used HIV registry data in conjunction with COVID and MPOX data to understand the interactions of multiple/overlapping public health crises
- Coordinated the project to revise the merged statewide HIV registry
- Supervised staff doing data analysis, data requests from the public and the generation of public presentations of HIV-related data/statistics, including disparities

NY State Department of Health - Program Research Specialist III, Sept 2016 – July 2021

- Developed methods to find and prioritize space-time clusters of HIV transmission
- Developed ongoing collaboration with the NYC - DOHMH as part of a CDC grant
- Tested and developed guidelines and SAS code for using the CDC's Secure HIV Trace
- Developed SAS code for various data analysis projects
- Analyzed demographic patterns of HIV ARV resistance testing in NY State

NY State Department of Health - Project Assistant, October 2015 - Sept 2016

- Worked on a team that advised the Commissioner on pricing for medical marijuana
- Worked to close out Superstorm Sandy SSBG contracts
- Gathered pricing and specifications for mobile mammography van procurement
- Participated in rating grant applications

Harvard University - Lab manager / Ph.D. Graduate student, August 1997 - June 2006.

- Wrote successful grants for research funding
- Organized material for and wrote research papers/ dissertation
- Presented research findings at local and national meetings
- Participated in lab meetings and mentored graduate/undergraduate students
- General lab maintenance and oversight including ordering supplies and equipment

Education:

Harvard University, Ph.D. in Biological Anthropology, June 2006

- Dissertation title: "Molecular Evolution of Genes Related to Primate Encephalization and Energetics"
- Awards and Fellowships: Cora DuBois Fellowship, 2005, Jacob K Javits Fellowship US DOE, 2000-2004, Sigma Xi, Harvard Chapter Scientific Recognition Award, 2000

West Virginia University, MS in Molecular Biology, May 1991

- Thesis title: "Spatial pattern of expression of exogenous CyI actin fusion gene constructs in the sea urchin embryo"
- Awards and Fellowships: Outstanding Graduate Teaching Assistant Award, 1990

Excelsior College (NY), BS in Biology, September 1984

Teaching:

Rensselaer Polytechnic Institute, Fall 2013, Fall 2014 - Adjunct professor:
Bioinformatics I – Sequence Analysis

Hartwick College, Spring 2012 – Adjunct lecturer:
Introduction to Biological Anthropology

Harvard University, 1999-2008 - Teaching Fellow, tutorial sections for large core classes: Science B59 (Genes and Human Diversity), Science B29 (Evolution of Human Nature) and Quantitative Reasoning 34, (Counting People: Demography and Human Affairs). Anthropology 97y (Sophomore Tutorial in Biological Anthropology) – a small class for students entering the major.

Volunteer Work:

Over the past 40 years I have been involved with several vegetarian/vegan-related, non-profit organizations including the **North American Vegetarian Society**, the **Boston Vegetarian Society** and the **Capital Region Vegan Network**

- Served on the board of directors (NAVS)
- Helped plan and organize national and international vegetarian conferences (NAVS)
- Helped plan and organize a successful annual food festival (BVS)
- Co-edited a newsletter (NAVS)
- Spoke at national and local meetings (NAVS, BVS)
- Provided photography for various events (BVS, CRVN)
- Tabled at outreach events (BVS, CRVN)
- Helped coordinate other volunteers (NAVS, BVS)

Google Scholar link to my publications:

<https://scholar.google.com/citations?user=hXznaSEAAA&hl=en>