

Curriculum Vitae Josiah Ray

Lab Manager, Biology and Chemistry/Physics Departments
University of Wisconsin-Stout

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EDUCATION

Degree	Field of Study	Institution	Year
M.S.	Biochemistry	University of Minnesota-Duluth	2010
B.S.	Chemistry	University of Wisconsin-Superior	2007

M.S. dissertation title: "The Structure-activity Relationship of Perfluorinated Chemicals on Mitochondrial Respiration Rates" Chair: Kendall B. Wallace, Ph.D.

PROFESSIONAL EXPERIENCE

Lab Manager	Department of Biology University of Wisconsin-Stout 410 10 th Ave East Menomonie, WI 54751	2010-present
Graduate Teaching Assistant	Chemistry and Biochemistry Department University of Minnesota Duluth 1049 University Drive Duluth, MN 55812	2009-2010
Graduate Research Assistant	Department of Biomedical Sciences University of Minnesota Duluth 1035 University Drive Duluth, MN 55812-3031	2007-2009
Independent Contractor	Environmental Protection Agency Mid-Continent Ecology Division Laboratory 6201 Congdon Blvd, Duluth, MN 55804	2007

Labs Taught (current semester)

Nanotechnology	Fall 2018
General Chemistry	Fall 2018
Organismal Biology	Fall 2018
Cell and Molecular Biology	Fall 2018

Workshops, Research Projects, and Speaking engagements

May 2018-present: “Furthering Food Safety” workshop, co-presented with Dr. Taejo Kim, Food and Nutrition department: <https://www.uwstout.edu/outreach-engagement/lifelong-learning/business-industry/furthering-food-safety-workshop>

2015-present: Co-PI on an IACUC-approved animal use protocol at UW-Stout (Anti-hemocyte Hybridoma)

2016-present: Invited Speaker, New Instructor Workshop: “Survival Tips for Instructional Academic Success”

University Committees

UW-Stout Senate of Academic Staff Chair	2016-2018
Tuition Reimbursement Task Force (chair)	2015-2017
Chancellor’s Advisory Council	2016-2018
Stout Foundation Board of Directors (ex-officio member)	2016-2018
Strategic Planning Group (member)	2015-present
Access to Learning Committee (member)	2017-2018
Inside Stout Cohort Program (chair)	2016-2017
Lab Safety Committee (member)	2011-present
UW-Stout Continuity of Operations (COOP) team leader	2013-present

Awards and Credentials

Finalist, Chancellor’s Award for Academic Staff	2015
Lab Animal Technologist AALAS Certification	2012

Service and Outreach

STEAM camp: “Forensics Detectives” track instructor	2018
National Science Olympiad Tournament Volunteer	2016
STEMM Festival Volunteer	2016-2018