

EDUCATION

- **University of Wisconsin – Oshkosh, Oshkosh, WI**
Master of Science, Biology – May 1998
“Photosynthesis-Irradiance Characteristics of Phaeocystis antarctica and Diatoms in the Ross Sea”
- **University of Wisconsin – Oshkosh, Oshkosh, WI**
Bachelor of Science, Biology and Psychology – May 1995

RESEARCH/GRANTS EXPERIENCE

- **Wisconsin Alliance for Minority Participation Grant (\$16,500)**
“Increasing minority participation, recruitment and retention in science and technology in the Fox Valley area”
January to August 2009
- **University of Wisconsin System Solid Waste Research Program Grant (\$30,000)**
“Cladophora biomass diversion from landfills and investigation of reuse options”
July 2008 to June 2009
- **U.S. Antarctic Research Program, McMurdo, Antarctica**
Research Assistant – 1996 to 1997
Use of water sampling and ice-coring equipment; sampled for phytoplankton productivity; Knowledge of spectroradiometer; performed statistical analyses; worked with ¹⁴C radioactive algal water samples for an independent study: *“Photosynthesis rate measurements in colored seas”*
- **Sturgeon for Tomorrow Grant**
“Food selection of the lake sturgeon (Acipenser fulvescens) in Lake Winnebago, Wisconsin
Winter 1994 through 1995
- **University of Wisconsin – Milwaukee, Milwaukee, WI**
Research Experience for Undergraduates Fellowship – Summer 1994
“Zebra mussel (Dreissena polymorpha) biofilter reduction of waterborne microbes”

TEACHING EXPERIENCE

- **University of Wisconsin – Oshkosh, Oshkosh, WI**
 - 1998 to present – Academic Staff Senior Lecturer
Courses: Introductory Biology, Ecosphere in Crisis, Human Anatomy/Physiology
- **University of Wisconsin – Milwaukee, Milwaukee, WI**
 - 2009 Spring semester - Taught Anatomy & Physiology I lab
- **University of Wisconsin – Fox Valley, Menasha, WI**
 - 1999 Spring Semester – Academic Staff Position teaching Biology

OTHER RELEVANT EXPERIENCE

- **University of Wisconsin – Oshkosh, Oshkosh, WI**
 - **McNair Scholars Director/Coordinator**
October 2007 to present - Oversee the McNair Scholars Program
Coordinate 25 McNair students yearly in preparing for graduate school
 - **Undergraduate Research Task Force**
2012 to present - OSSCAP Board member
2007 to present – examine undergraduate research activities; choose undergraduate proposals for funding; peer review academic staff research proposals for funding
 - **WiscAMP Director (Wisconsin Alliance for Minority Participation)**
2008 through August 2009 - Coordinated students involved in scientific research
- **Vilas County Public Health Department, Eagle River, WI**
 - **Environmental Health Specialist**
Summers of 2005 through 2013
Test commercial well water for nitrite, nitrate and fecal coliform; inspect sanitary sewers
- **Laboratory Technician**
 - **City of Oshkosh Wastewater Treatment Plant** Summer 2001 and 2002
 - **City of Fond du Lac Wastewater Treatment Plant** Summer 2000
Conducted assays for solids, phosphorus, alkalinity, BOD and chlorine

