

MICHAEL BRANDON JONES

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EDUCATION:

PhD 2003, Marine studies. University of Delaware, College of Earth Ocean and Environment
MS 1995, Marine Studies. University of Delaware, College of Earth Ocean and Environment
BA 1991, Biology. Lincoln University (PA)

EXPERIENCE:

February 2014-Present: ***Project Lead***, United States Environmental Protection Agency. Office of Research and Development, Sustainable and Healthy Communities National Research Program's Environmental Innovation and Sustainable Education (EISE) Project. Activities in the EISE project are focused on connecting to the academic and private sectors for workforce development, innovative research and sustainable technologies. Programs under the EISE project include EPA's Fellowships, Small Business Innovation and Research (SBIR) Program and the People, Prosperity and the Planet (P3) Program.

December 2013-Present: ***Program Director - Detailee***, National Science Foundation. Education and Human Resources Directorate (Division of Graduate Education). Designed and now leads a Federal professional development program for existing NSF fellows (GRIP – Graduate Research Internship Program). Assists in the linkage (promotion, branding, evaluation, etc.) of GRIP and GROW (Graduate Research Opportunities Worldwide) as professional development experiences for NSF graduate fellows. Assists in administering Graduate Research Fellowship (GRFP) review panels. Assists in the review analysis portion of the NSF's National Research Traineeship Program (NRT).

October 2012-Present: ***Assistant Center Director for Ecosystems Research***, United States Environmental Protection Agency. Office of Research and Development (National Center for Environmental Research). Coordinates the infusion of ecosystems concepts to support an integrated vision of HRFD's human health, tribal and fellowship focused research as it relates to The Office of Research and Development's Sustainable and Healthy Communities Research Program.

October 2012-Present: ***Matrix Interface***, United States Environmental Protection Agency. Office of Research and Development, National Center for Environmental Research (NCER). Serves on the Sustainable and Healthy Communities National Program (SHC) Director's team as the technical lead for research matters concerning NCER. Responsible for communicating, coordinating, and facilitating interactions between NCER and the Sustainable and Healthy Communities National Research Program throughout development and implementation of SHC related projects as they relate to NCER.

September 2011-Present: ***Agency Representative***, Office of Science, Technology and Policy's Federal Coordination in STEM Task Force. Represents the United States Environmental Protection Agency in the strategic plan development and implementation for Federal education investments in STEM.

March 2009-Present: ***Fellowship Programs Manager*** United States Environmental Protection Agency. Office of Research and Development (National Center for Environmental Research). Team leader for EPA's higher education student support and professional development programs, including both the STAR Graduate and GRO Undergraduate Fellowships.

November 2004–May 2009: **Global Ecology Program Manager/Project Officer** United States Environmental Protection Agency. Office of Research and Development (National Center for Environmental Research). Global-Ecology grants manager for projects funded through EPA’s STAR (Science To Achieve Results) program.

January –December 2008 – **Adjunct professor**. Environmental Science. Trinity University, Washington DC.

November 2003-2004: **Student Contractor**, United States Environmental Protection Agency. Office of Research and Development (National Center for Environmental Research). Responsible for Eco-research synthesis documents and grants management.

September 1999-October 2003: **Doctoral Candidate**, University of Delaware, College of Marine Studies. Researched larval crab patch structure, transport and recruitment via physical and biological mechanisms in Delaware Bay.

October 2001: **Educational Coordinator / Reporter** for Extreme 2001 *ALVIN* cruise. Responsible for compilation and transfer of daily, website information from *ALVIN* tender vessel ATLANTIS to University of Delaware’s Office of Marine Communications.

<http://www.ocean.udel.edu/extreme2001/mission/index.html>

July 2001 - 2003: **Field coordinator** for Marine Advisory Service.

Coordinated estuarine-based field trips for Governor’s Academy students.

May 2000: **Research assistant**, University of Delaware (*ALVIN* cruise).

Aided in collection, cultivation, dissection, and feeding experiments of hydrothermal vent crabs (larvae, post-larvae, and adults) on the East Pacific Rise (9° N).

September 1994-July 1999: **Certified Secondary Educator**, Prince George’s County Public Schools (MD) Taught biology, environmental science, Earth science and research applications.

February 1992-1994: **Master’s Fellow**, University of Delaware, College of Marine Studies.

Researched the physical mechanisms that control larval crab recruitment into a secondary nursery area of the Delaware Bay.

March 1993: **Educational Consultant** for Marine Advisory Service.

Assisted in tours and Delaware Bay field trips for Junior High School students.

January 1993: **Research Assistant**, University of Delaware, Costa Rica research team.

Assisted in collection, identification and preservation of aquatic mangrove organisms for molecular and biological studies.

Summer 1991: **Greater Research Opportunities (GRO) Fellow**, U.S. Environmental Protection Agency (Alaska).

Examined the utilization of wetlands for wastewater treatment in Anchorage, AK.

Summer 1991: **Research Assistant**, Field Study, Brooks Mountain Range, Alaska.

Assisted a research team from EPA’s Corvallis Lab and Oregon State University; collected mosses, lichens, lake trout and ground squirrels for toxicological analysis of arctic atmospheric contaminants.

Summer 1990: **Research Assistant**, MBRS program, Lincoln University.

Assisted in the collection and culturing of fecal indicators from coastal New Jersey and the Northern Chesapeake Bay.

January 1990-April 1990: **Research Assistant**, MBRS program, Lincoln University.
Assisted in the collection and culturing of fecal indicators from the University's water treatment plant.

March 1990-April 1990: **Intern**, Chesapeake Bay Foundation.
Examined suspended solids in 4 streams of the Elk Creek watershed. Analyzed the contribution of suspended solids from the Elk Creek Basin into the Chesapeake Bay watershed.

AWARDS

- * Presidential Award for Outstanding Achievement. University of Delaware – October 2014
- * Assistance Management Award. U.S. EPA – September 2014
- * Assistance Management Team Award. U.S. EPA/Office of Acquisition and Resource Management – June 2014
- * EPA Region 3 Peer Award – March 2012
- * Exemplary Leadership in National EEO Agency Award. U.S. EPA - June 2009
- * EPA Region 10 Peer Award – June 2009
- * Springfield City Schools Alumni Of Distinction Award – April 2008
- * Exemplary Leadership in National EEO Agency Award. U.S. EPA - April 2005
- * Presidential Management Intern Finalist – August 2003

SYNERGISTIC ACTIVITIES

- * **Numerous invited presentations, posters, panels and sessions**
- * **Member.** EPA representative for OSTP's Federal Committee on STEM.
- * **Member.** EPA representative for FC-STEM Graduate Education Working group
- * **Lead.** Ad-hoc inter-agency workgroup on STEM Graduate Fellowships
- * **Member.** National Science Foundation's Committee of Visitors for Ocean Sciences 2012
- * **Member.** Center of Ocean Science Education Excellence (COSEE) National Advisory Committee.
- * **Mentor.** (Under-represented under-graduate and graduate STEM students).
 1. NSF's Multicultural Initiative in Marine Science Undergraduate Program (MIMSUP)
<http://www.wvu.edu/mimsup/>
 2. NSF's American Society of Limnology and Oceanography Multicultural Program (ASLOMP)
<http://aslo.org/mas.html>
 3. NSF's Minorities Striving and Pursuing Higher Degrees of Success (MSPHDS) in Earth Systems Science <http://www.msphds.org/>

PROFESSIONAL AFFILIATIONS:

American Geophysical Union (AGU)
Beta Beta Beta Honors Society
Beta Kappa Chi Scientific Honors Society
NSF's Minorities Striving and Pursuing Higher Degree of Success (MSPHDS)
Alpha Phi Alpha Fraternity, Inc.