

**By: Candice
Culligan**



Candice Culligan has earned a B.A. in Chemistry from the University of Rochester and serves as an Occupational Safety Specialist with the Office of Environmental Health and Safety at IUPUI.

E-mail Candice Culligan at:
cculliga@iupui.edu

Welcome Candice Culligan

Hi, my name is Candice Culligan. I am originally from Trinidad and Tobago in the West Indies. I received my B.A. in Chemistry from the University of Rochester, NY. After graduating, I worked for STS Biopolymers Inc. as a Research Technician. While there, I enjoyed formulating, developing and evaluating lubricious coatings for medical devices. My interest in research and development led me to a position as Lab Engineer at the Laboratory for Laser Energetics, University of Rochester, NY. I was responsible for collecting and analyzing data which studied nuclear fusion physics with the Omega Laser system.

My husband and I moved to Albany, NY after he completed graduate school. I used this opportunity to change careers and decided that Environmental Health and Safety (EHS) would suit my personality and allow me to use my technical skills. I worked as an EHS Engineer for the College of NanoScale Science and Engineering, SUNY at Albany, NY. In this role, I developed and implemented site-specific health and safety programs to comply with local, state and federal regulatory requirements set forth by the Occupational Health and Safety Administration (OSHA), New York State Departments of Health, Labor and Transportation, and the Environmental Protection Agency (EPA). I have also been involved in the installation and commissioning of many semiconductor processing tools in accordance with the SEMI S2/S8/S14 standards, and the New York State Fire and Building Codes. I have surveyed such tools that produce ionizing radiation for compliance with the New York State Department of Labor/Health standard, corrected any deficiencies identified and registered such tools with the Department. I have developed Laser Safety Programs for those working with Class 3b and 4 lasers and acted as Radiation Safety Officer for the site.

I especially enjoyed performing EHS regulatory compliance audits and have worked to ensure audit findings are addressed and corrected within a reasonable time frame. An important part of my role was tracking incidents/injury and illness cases, in order to determine root causes, perform hazard analyses on such root causes and to reduce the number of incidents/injuries. I have conducted qualitative and quantitative air monitoring assessments to aid in the recognition of potential chemical, physical, and biological hazards. My favorite responsibility was reviewing chemical requests and managing the Material Safety Data Sheet database. I was also a member of the Emergency Response Team.

In 2009, our family moved to Indianapolis and we began laying down some roots. I am happy to join the IUPUI family after spending two years at home with my son. In my “free time”, I enjoy reading, watercolor painting, exploring our new city and, most importantly, spending time with family and friends.

The timing has been perfect and I am very excited to be part of the IUPUI community. I am eager to apply my experience in my new role as Occupational Safety Specialist. And I look forward to supporting our safety programs with the IUPUI faculty, staff and students.



*Lab Notes is a quarterly publication by the IUPUI Office of Environmental Health and Safety.
Lab Notes is designed, edited and published by K. Lee Stone.*

"Don't Learn Laboratory Safety by Accident!"