

ALEXANDRA VALLADARES

EDUCATION

Masters of Science in Earth Science

Graduated August 2014

North Carolina Central University
Durham, NC

Bachelor of Science in Chemistry

Graduated May 2010

Minor in Biology

North Carolina Central University
Durham, NC

LANGUAGES

Spanish – Speak/Read/Write (*Native Speaker*)

English – Speak/Read/Write

French – Speak/Read/Write

WORK EXPERIENCE

Dept. of Environment and Natural Resources, University of Vermont

July 2019 - present

Crossroads Leadership Lab Program Affiliate with the UVM Rubenstein School

Instructional Support for the Leadership for Sustainability Master's Program

BOOST Science Program- School of Medicine, Duke University

October 2014 –present

Program Assistant

Recruitment, planning & logistics of programming/outreach events and mentoring.

Dept. of Psychiatry and Behavioral Sciences, Duke School of Medicine

April 2018 - July 2019

Clinical Research Specialist, Sr.

Collection of clinical research data, preparation of study materials, including translations.

ISH INC. Coal Ash Remediation Consultants

June 2007 - June 2015

Administrative Assistant

Research support, maintaining files/generating reports for accounting and administration.

RESEARCH EXPERIENCE

Department of Earth Science/Biology, NC Central University

August 2011 - Dec 2016

Teaching Assistant and Graduate Research Assistant

Instructor for Molecular Biology, tech in assay design and cell-culture experiments with nanosilver.

Nicholas School of the Environment (NSOE), Duke University *May 2014 - September 2014*

Research Assistant- Intern, Superfund Research Center

Research translation, proposal draft for an urban gardens project, outreach on PAHs and pesticide risks

Department of Civil and Environmental Engineering, Duke University *Summer 2011*

Research Assistant Summer Internship in Environmental Nanotechnology

Experiments and research on ROS generation from carbon nanotubes and other nanomaterials.

RESEARCH PRESENTATIONS

National Institutes of Health Science Education Presentations in Washington, D.C.

- “The Benefits of Hands-On & Out-of-Class Learning Opportunities for Children in STEM” May, 2017
- “From Students to Mentors: The Benefits of Peer Mentoring in STEM” May, 2016
- “Do Parental Expectations Predict Outcomes for Children Enrolled in a Science Enrichment Program?” May, 2015

PROFESSIONAL HEALTHCARE MUSICIAN

Arts and Health, Duke University Hospital

September 2014 – April 2018

Artist in Residence

Bedside music for ICU and birthing unit patients, music lessons at inpatient psychiatric unit.

Arts for Life, Duke Children’s Hospital and Health Center

September 2016 – April 2018

Pediatric Music Teacher

Beside music lessons for pediatric patients and their siblings.

UNC Hospital School & UNC Children’s Specialty Clinic

September 2014 – April 2018

Pediatric Music Teacher

Music lessons for pediatric patients in hospital school, oncology, and specialty clinic units.

Durham Center for Senior Life

August 2009 – April 2018

Artist in Residence- Adult Day Care for Alzheimer’s & Dementia-affected patients

Performances of popular & inspirational music for geriatric patients.

VOLUNTEER EXPERIENCE & COMMUNITY ENGAGEMENT

Community Leader

- Human Relations Commission- Commissioner with the City of Durham
- DPS Foundation Committee- Innovation and Equity
- DPS Superintendent’s Strategic Planning Committee
- DPS Equity and Whole Child Advisory Committee
- Coordinator with Community Alliance for Public Education
- Community Resiliency Model (CRM) Committee- Duke Division of Community Health
- Alumna and Panelist- Parent & Family Advocacy Support Training (PFAST) & Parents as Leaders (PAL) with the NC Cooperative Extension

- DEEP- Diversity in Environmental Fields
- PTA Officer at Club Boulevard Elementary School
- Chair of Latino Outreach at Club Boulevard Elementary School
- Science Day Presenter and Singing Scientist at Durham Public Schools

Spanish Interpretation/Translation Volunteering with Community Groups

*Durham Association of Educators, PTA & Latino Outreach at Club Boulevard Elementary School,
Campaign Materials for a Durham City Council Candidate, Latinx Caucus- Comunidad de Durham*
