William Edmund Haines

Department of Biology

126 Science Hall

Earth & Environmental Sciences

227 Center for Earth & Life Science

Early Childhood & Elementary Ed.
University Hall
Montclair State University

Montclair, NJ 07043

hainesw@montclair.edu

CERTIFICATIONS

***Principal*** *- New Jersey Certificate of Eligibility (CE)* 823554

***Supervisor*** *- New Jersey Standard Certificate* 556161

***Biological Science*** *(Grades K-12) - New Jersey Standard Certificate* 365068

***Elementary School Teacher*** *(Grades K-5) - New Jersey Standard Certificate* 365067

*Praxis Earth Science Content Knowledge*

EXPERIENCE

Adjunct Professor **| Montclair State University |** Montclair, NJ **|** 2012 – Present

* Middle School Science Teacher Certification Courses
* Undergraduate Courses - BIOL100, EAES107, ECEL300, ECEL301
* Four Graduate Courses BIOL501, PHYS502, CHEM504, EAES512

Teacher **| North Arlington Public Schools |** North Arlington | 2001 – Present

* **Honors Biology, Biology & Forensic Science** | North Arlington High School| 2020 – Present
* **5th Grade – All Subjects** | Jefferson Elementary School | 2017 – 2020
* **Lead Science Teacher – Grades 6 to8**| North Arlington Middle School | 2001 - 2017
	+ Facilitate conferences between parents, team teachers, and students
	+ Mentor and provide resources for novice team teachers
* **North Arlington School District Committees:**
	+ I&RS, School Safety Team, Distant Learning, Homework, Conduct, Technology
* **Grant Writing**
* **Professional Development Workshop Facilitator/Presenter**
	+ **TEACHSCAPE/Danielson method** for teacher evaluation
* ***Elementary Science Advisor – Grades K to 5***
	+ Leading the implementation of the Next Generation Science Standards for grades 6-8
* **GK-12 Teacher - Montclair State University/National Science Foundation**

Summer School Director and Building Principal **| Wyckoff Public Schools |** Wyckoff, NJ |2015 - 2016

* Reimagined Wyckoff Summer Program
	+ Expanded classes offered in response to requests and academic needs of the community
	+ Doubled the enrollment of the program over two years
* Responsible for management of the building and creating curriculum
* Recruited, interviewed, and hired teachers for summer program
* Maintained schedule of teachers, classes and facility use to ensure seamless coverage for students and no conflicts with the three other programs taking place in the building
* Planned and conducted Emergency Drills with Emergency Services and the other programs at the school

Adjunct Professor |**Passaic County Community College** | Paterson & Wanaque, NJ | 2010 – Present

* Adjunct Professor of Environmental Science, Human Biology & Chemistry

Workshop Facilitator **| Fairleigh Dickinson University School of Education** | Teaneck, NJ | July 2013-2018

* NJ Educators for Sustainability Curriculum

**New Jersey Dept. of Education’s Office of STEM |** 2013

* Middle Grades Science Curriculum Project

Teacher | **Hudson County Community College** | Jersey City, NJ | 2009 –2010

* Environmental Science, Chemistry, Biology Teacher
* Field Experience Program Leader
* **College Bound Program** for Union City High School Students

Instructor **| William Paterson University** | Wayne, NJ | 2003

* Alternate Route Program - Curriculum Development

General Manager **| Royal Knitwear |** Norwood, NJ | 1995 – 2001

* Sweater manufacturing business
* Responsible for site management, logistics, sales, and maintenance of materials on-site

Officer of the University | **Lamont-Doherty Earth Observatory of Columbia University** | Palisades, NY | 1976 – 1994

* Staff Associate – Physical Oceanography Department
* Grant Writing – prepare information and requirements for grants
* Logistics – preparing and organizing movement of equipment and personnel around the world.
* Field experience – research cruises and land-based activities.
* Co-Authored 11 scientific publications

RELATED EXPERIENCE

Board of Trustees | **The Blue Rock School** | West Nyack, NY | 1996 – 2006

* Grant Writing and Head of Facilities Management

EDUCATION

**Kean University |** Union, NJ **|** 2008 – 2010

* Principal Certification

**Montclair State University |** Montclair, NJ | 2004 – 2005

* Supervisor Certification

**Rutgers, The State University of New Jersey |** New Brunswick, NJ | 1994 – 1995

* M.S. Environmental Science (3.7 GPA)

## Lycoming College | Williamsport, PA | 1974 - 1978

* B.A. Biology

PROFESSIONAL AFFILIATIONS

Alliance for New Jersey Environmental Education,

Editor ANJEE Online Newsletter, Advisory Council, Publications | 2001 – 2015

The Orion Society, NJEA, NEA. AFT

National Science Teachers Association (NSTA)

New Jersey Science Teachers Association (NJSTA)

New Jersey Math Teachers Association (NJMTA)

SPECIAL RECOGNITION & AWARDS

New Jersey Audubon Patricia Kane Environmental Education Award, 2011

Lowe's Toolbox for Education, 2010-2011

NJSTA Maitland P. Simmons Memorial Award Scholar, 2011

Orion Society - Stories in the Land Teaching Fellowship

Brian Sylvester Memorial Award - NJ Chapter of American Industrial Health Association, 1995

Kenneth S. Stoller Hazardous Waste Award from the NJ Water Environment Federation, 1995