

Curriculum Vitae

Nicholas A. Moore

5912 Allegheny Road Williamsburg, Virginia 23188

Phone: Home: (757) 345-2428 Cell: (757) 281-9286

Email: namoore@wm.edu, nmoor016@odu.edu

EDUCATION

Old Dominion University, Norfolk, Virginia

Bachelors of Science in Biology

August 2014

Thomas Nelson Community College, Williamsburg, Virginia

Associates of Science in Science

May 2010

EXPERIENCE

The College of William and Mary (CWM), Applied Research Center (ARC) Newport News, VA

- *Laboratory & Research Technician, Materials Characterization Laboratories*

4/07 – Present

Duties Include: Conduct and assist with laboratory tours, conduct special projects, coordinate gases and technical supplies, process and record purchase orders, maintain accurate records, collect and statistically analyze data, prepare and deliver results in oral and written presentations, conduct and assist with laboratory training of various types of equipment, perform safety checks on fire extinguishers and eyewash stations, manage yearly gas, chemical and physical inventories, and provide computer support for all laboratory and office computers located at the CWM ARC.

Special Projects:

- College of William and Mary Vivarium:
Provide care for a variety of rats, mice, and birds in the William and Mary Vivarium, without disturbing set experimental conditions.
- Soluble Systems Inc.:
Conducted a range of experiments to test the companies' moisture regulating gauze; Thera-Gauze.
- Chesapeake Algae Project (CWM):
The Chesapeake Algae Projects goal is to create a bio fuel that can be produced cheaply and in an environmentally friendly fashion. With them I obtained images of the live and dead algae using several techniques; which included use of the Hirox Optical Microscope, Phenom Scanning Electron Microscope (SEM) and Hitachi Field Emission Scanning Electron Microscope (FESEM).
- James River Archeology (JRA):
With Nick Lucchetti of James River Archeology I examined many artifacts from Jamestown and Williamsburg and the possible site of The Lost Roanoke Colony. JRA used the images I obtained using the Hirox optical microscope to help identify the pottery and help date it to a certain period in the colonies.

- William and Mary Barbados Project:

With the Barbados Project I examined pieces of pottery from Barbados. Using the Phenom SEM I located and imaged many microscopic organisms called radiolarian. With these radiolaria the group was able to age the different pottery fragments.

Great Wolf Lodge Yorktown, Virginia

- *Lifeguard*

3/06-1/08

Duties Included: Protect the lives of all individuals in the water park from danger of drowning, provide emergency medical assistance if there is a need, and properly communicate with guests to provide the highest quality of customer service.

SKILLS AND QUALIFICATIONS

Experience in using:

- Hirox 3D Digital Microscopy
- Phenom SEM, Wrote instructions for Phenom SEM.
- Atomic Force Microscope (AFM)
- Scanning Tunneling Microscope (STM)
- Zeiss Transmitted and Reflective Microscope
- Vickers Micro-Hardness Tester
- Scanning Electron Microscope (SEM)
- Field Emission Scanning Electron Microscope (FESEM)
- Dektak Surface Profiler
- Fourier Transform-Infrared Spectrometer (FT-IR)
- Experienced in Laboratory Animal Care.
- Experience in Cascade Website building, Social Networking, and Microsoft Word, Excel, Power point, and Publisher.
- Life Scout and Assistant Scoutmaster in the Boy Scouts of America
- CADD certified
- Certification in human and animal CPR and lifesaving.

Activities and Hobbies

- ODU BAJA SAE sponsorship coordinator.
- Volunteered with Virginia Institute for Marine Science in a project to repopulate the Chesapeake Bay oyster population.
 - Raised young oysters to juveniles and relocated them to an adult habitat.
 - Recorded growth conditions and conducted population count.
- Volunteer with Jefferson National Labs Open House events.
 - Assisted in the meetings associated with the planning and running of events.
 - Assisted in the teaching about Microscopy during event.
- Volunteer with the Suffolk Boys and Girls Club.
 - Assisted in teaching students about Visible Light Spectroscopy.
- Assistant Scoutmaster Boy Scouts of America.
- Boy Scouts of America Life Scout
- Home-Brewer
 - Successful in recording and processing experimental recipes.