*Enthusiastic and capable aspiring health care professional equipped with extensive direct patient care in acute settings. Certified EMT, CPR and Red Cross Lifesaving. Capable bench researcher able both to direct technicians and to follow the lead scientist in implementing standard method protocols as well as developing novel investigations for clients; Well-versed in cell culture and sterile transfer analytical tools, microscopy and computational software on both PC/Mac platforms; Effective at employing them to convey findings to other professionals and educators, as well as to general audiences*

**Education:**

|  |  |
| --- | --- |
| Bachelor of DEGREE in MAJOR | expected MONTH YEAR |
| MINOR(S); HONORS THESIS TITLE, SUPERVISOR | Cumulative GPA/4.0 |
| INSTITUTION, ADDRESS | Major or Science GPA/4.0 |

***Academic Honors and Awards:*** Marquis Full-tuition Scholarship; Posse Scholar (4 yrs), Excel Research Scholar (1 summer), Goldwater Finalist, Dean’s List (6 semesters); Magna Cum Laude Latin Honors; Hunt Prize in Biology

***Relevant Coursework (\*indicates with laboratory):*** 2 semester sequences\* in General Biology I & II, General Chemistry I & II, Organic Chemistry I & II, Physics I & II; The Calculus I & II; also Abnormal Psychology, Biochemistry, Comparative Vertebrate Biology\*, Ethics, Microbiology\*(writing intensive), Molecular Genetics\*, Physiological Psychology, Public Speaking, Biostatistics, Technology Clinic I & II (competitive admission and by invitation only)

|  |  |
| --- | --- |
| ADDITIONAL INSTITUTION, ADDRESS | grade earned |
| Course completed | DATE ATTENDED |

**Clinical Experience:**

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| --- | --- |
| *Easton Volunteer Rescue Squad, 100 Sullivan Road, Easton PA* | *March 2019 to Present* |
| *Position: Volunteer EMT-B* | *170 hr total to date* |
| *Supervisor: J.D. Macmillan, EMT-I/99* | *800.123.4567* |

***Responsible for:*** answering 911 medical emergency calls (~2-3 per 8 hr shift); with partner, ensure provision of Basic Life Support on scene and during transport; assess and treat injuries; gather patient history/information. Requires weekly (~2-3 hr) team meetings/trainings to maintain skills

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| --- | --- |
| *VCU HS – MCV Hospital, Richmond, VA* | *Summer 2023* |
| *Position 1: Nursing Assistant, Neurosurgery Department* | *~40 hr weekly* |
| *Supervisor: Head Nurse D. Garber, RN, RNP* | *800.123.4567* |

***Responsible for:*** *tasks as directed, including talking with patients (~10-12 per 8 hr shift), stocking shelves, filing records, and assisting nurses as needed; paid position*

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| *Position 2: Assistant, Occupational Therapy Department* | *~20 hr weekly* |
| *Supervisor: OT Associate Director W. Giammattei* | *800.123.4567* |

***Responsible for:*** tasks as directed by scheduled OT practitioner; observed patient/doctor interactions, discussed treatment options for patients; managed follow-up appointments; volunteer position

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| *Johnston-Willis Hospital, Richmond, VA* | *May 2022 to Present* |
| *Position: Shadowing extern* | *230 hr total to date* |
| *Supervisor: Dr. Michael A. Ram, M.D.* | *800.123.4567* |

***Responsible for:*** observing operating room, office hours and hospital rounds with General Surgeon Dr. Ram; permitted to listen to patients' heartbeat and gastrointestinal sounds, checked charts for vitals; wrote common orders for floor nurses; scrubbed into cases, and learned how to read radiographic images in the OR; observed a Nissen Procedure, hernia repairs, a cholecystectomy, mastectomies, nephrectomies, and multiple laparoscopic surgeries

**Research Experience:**

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| --- | --- |
| *Nalven Research Scholar, Lafayette College, Easton PA* | *Full time Summer 2022* |
| *Supervisor: NM Waters, Ph.D., Biology Department* | *610.330.5467* |

*Project title: “Investigating distribution of mercury-resistant bacteria in PA and NJ waterways”*

***Responsible for****:* collaborating on proposal submission; literature investigation of mercury contamination in 4 area waterways; mastered cell culture techniques, serial dilutions, media preparation and field collection practices; maintained ongoing bacterial cultures; collated data in spreadsheets analyzing for distribution trends using summary statistics and linear regression; prepared poster for presentation/dissemination of results (see below)

**Leadership Experience:**

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| *Delta Epsilon Mu, Co-Ed Pre-Health National Fraternity Member* | *January 2022 to present* |
| *Position:* *Treasurer for Lafayette College chapter* | *AY 2022-2023; ~4 hr weekly* |
| *Supervisor: Professor John Smith, chapter faculty advisor* | *610.330.5432* |

***Responsible for:***maintaining accurate club financial records, obtaining receipts and renaming funds, preparing and submitting a club budget, organizing fundraisers.

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| *Position: Resident Advisor* | *AY 2023-2024; ~30 hr weekly* |
| *Supervisor: Mr. William Smith, Director of Residence Life* | *610.330.5234* |

***Responsible for:***serving Reuf Basement; organized, developed and executed 6 floor programs each semester for collection of 16 students; troubleshooting living adjustments for my floor; served as liaison between student residents and College administration.

**Additional Experience:**

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| --- | --- |
| *Cosby High School, Richmond, VA* | *January 2024* |
| *Position: Volunteer Peer Mentor* | *12 hr total* |
| *Supervisor: Ms. Emily White, Career Counselor* | *507.330.7645* |

***Responsible for:***guided three 10th grade students in career exploration for healthcare careers

**Publications and Presentations:**

* Your name, NM Waters and L Caslake. In review. *Distribution of mercury-resistant bacteria in Oughoughton Creek (PA) Merrill Creek Reservoir (NJ) and tributaries to the Delaware River.* Submitted 1 December 2023 for peer-reviewed poster presentation at the National Conference on Undergraduate Research (NCUR) April 2024.

**Support Skills:**

* Fluent in Spanish (reading, writing, speaking); reading fluency in Italian
* Highly proficient at MS Office 2022 Programs; acquainted with SPSS and R statistical software; familiar with database searching including MEDLINE/PubMed, JSTOR, EBSCO and PsychINFO
* SLR Photography
* 12 years violin, 10 years piano and vocal training, 5 years cello training

**Further Information:**

* Member of VETS club
* Gardening, bird-watching

**Standing References:**

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| --- | --- | --- |
| Nancy M Waters, PhD  Associate Professor of Biology  Lafayette College  Easton PA 18042  610.330.5467  watersn@lafayette.edu | Michael A Ram, MD  Johnston-Willis Hospital  Richmond, VA ZIP CODE  800.123.4567  email | JD Macmillan, EMT-1/ 99  Easton Rescue Squad    …etc… |