Anthony Geritano Jr.

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EDUCATION

Yale University, New Haven, CT

Aug. 2015 - May 2020

B.S. in Ecology & Evolutionary Biology, B.A. in History

- Senior theses: Development of Natural Law as it Relates to Glossator's Views on Slaves and Wild Animals (history); An Anatomical Review of the Primate Clitoris (Ecology & Evolutionary Biology)
- Coursework: Biochemistry, General & Organic Chemistry, Comparative Developmental Anatomy,
 Comparative Physiology, Primate Behavior & Ecology, Human Osteology, Intensive Senior Research

Bay Shore Senior High School, Bay Shore, NY

Aug. 2011 - Jun. 2015

Advanced Regents Diploma, Rank: 13/430

• Graduating Honors; National Honor Society; Football Team Captain; AP Scholar with Distinction

Professional Experience

Sema4 Genomics, Branford, CT

July. 2020 - Present

Laboratory Technician I

- Extraction: Cleared to perform automated and manual gDNA and RNA extractions on FFPE, Whole Blod, PaxGene Blood, Saliva, cell pellet and tissue, etc sample types and use the LIMS system and a number of spreadsheets to record all said extractions
- Sequencing: Work independently on a number of workflows including as lead on Microsatellite Instability, and Long Range Sequencing pre-amplification while working closely with the Whole Exome Sequencing and Agena teams to work the most efficient turnaround time possible
- Troubleshoot a number of LIMS related issues encountered while teaching coworkers features of the software, learned through independent exploration of the LIMS Test and Product Software

Alzheimer's Disease Research Unit, New Haven, CT

Jun. 2018 - Sep. 2018

Research Assistant

- Organized subject files for various Alzheimer subjects; thoroughly documented treatment records
- Assisted dementia subjects to arrive and get back from MRI lab by foot or through transport service
- Assisted subject in preparation for MRI by instruction and was present for reassurance during MRI

Condensed Matter Physics Lab, Farmingdale, NY

Jan. 2017 - May 2017

Research Assistant

- Designed and created hard, heat resistant, and easy to mass produce metallic crystals
- Read research papers about previous attempts to make similar crystals and interpret phase diagrams
- Calculated material ratios, sealed using a helium torch, and dissolve at high temperature
- Analyzed products using microscopes and the X-Ray Diffractometer at Stony Brook University

Prestigious Physical Therapy, Babylon, NY

Nov. 2016 - May. 2017

Student, Assistant

- Documented patient progress, observations and offered recommendations to improve patient outcome
- Assisted filing insurance, contacting physicians and in patient treatment
- Created and managed both the office's website and social media presence across multiple platforms

Bay Shore Brightwaters Rescue Ambulance, Bay Shore, NY

Oct. 2010 - Dec. 2019

Emergency Medical Technician (2015-2018), Badge Member(Currently Inactive)

- Respond to medical emergencies and provide treatment on the scene and en route to the hospital
- Perform rapid detailed assessment to identify injuries/ medical conditions and obtain medical history
- Maintain knowledge of and adhere to all current treatment protocol and response requirements

PUBLICATIONS

The disordered and correlated insulator Bi2CrAl3O9 Co-Author; published in American Physical Society (APS)

September, 2019

An Anatomical Review of the Primate Clitoris(In Progress)

May 2020

LEADERSHIP EXPERIENCE

Yale University Men's Rugby, New Haven, CT

Aug. 2015 - May 2020

Assistant Coach(2020), Clubman of The Year(2020), Match Secretary(2018-2019), Rookie of the Year(2016)

• 15-20 hours/week of training; 6-8 hours/week of leadership meetings; both fall and spring seasons

Dante Club at Yale, New Haven, CT

Aug. 2018 - May 2020

Founder & President

- Organized formal readings and discussions of *The Divine Comedy* and other works by Dante Alighieri
- 2-3 hours/week of group meetings and discussions; 2-3 hours/week of personal reading & scheduling

Yale University Hopper College, New Haven, CT

Apr. 2019 - May 2020

Hopper College Theodore Prize

• "Presented to the graduating senior who best exemplifies Dean Theodore's distinctive spirit of compelling creativity, sensitivity, and caring on behalf of the community life in Grace Hopper College."