

ERIN LIVENGGOOD SIVERD

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EDUCATION

MASTER OF ARTS IN TEACHING

California University of PA

GPA: 3.852/4.00

JANUARY 2005-MAY 2006

California, PA

- Graduated as a Presidential Scholar with Summa Cum Laude

BACHELOR OF ARTS, CHEMISTRY

Washington & Jefferson College

GPA: 3.00/4.00

AUGUST 1999-MAY 2003

Washington, PA

- Studied London Theater in London, England in January 2001 for Intersession
- Internship with NH State Police Forensic Lab, Concord, NH from May-June 2002
- Howard Hughes Medical Institute Grant Recipient in January 2003 studied at Florida International University

CERTIFICATION

VIRGINIA TEACHING CERTIFICATION

Secondary Science Education in Chemistry

JULY 2017

Virginia

INSTRUCTIONAL II

Secondary Science Education in Chemistry

MAY 2009

Pennsylvania

TEACHING EXPERIENCE

TEACHER

Fairfax High School

AUGUST 2017- CURRENT

Fairfax, VA

- Develop syllabus, course structure, and weekly lab experiments for grades 10 Academic Chemistry
- Collaborative Team Leader--Facilitate chemistry team meetings
- Freshman Class Sponsor

TEACHER

Conemaugh Township Middle/High School

AUGUST 2009- JULY 2017

Davidsville, PA

- Develop syllabus, course structure, and weekly lab experiments for grades 10-12 Academic Chemistry and Chemistry II
- Develop syllabus, course structure, and weekly lab experiments for 8th grade physical science and integrated science
- Develop online curriculum using Google documents and Google chromebooks
- Varsity Volleyball Coach

ADJUNCT PROFESSOR

Pennsylvania Highlands Community College

JANUARY 2010-July 2017

Johnstown, PA

- Taught Introduction to Chemistry
- Taught Basic Math & Prealgebra

TEACHER

Chestnut Ridge High School

AUGUST 2006-MAY 2009

Fishertown, PA

- Developed syllabus, course structure, and weekly lab experiments for applied chemistry and academic chemistry
- Developed an online course curriculum and have taught four students using the online curriculum using Moodle and Blackboard
- Served as the Student Council Advisor

TEACHER

Johns Hopkins Center for Talented Youth

JUNE 2007-AUGUST 2010

South Hadley, MA

- Developed syllabus, course curriculum and structure and daily lab experiments for 5th and 6th grade forensic science

LABORATORY & DEPARTMENTAL ASSISTANT

Washington & Jefferson College

AUGUST 2000-MAY 2003

Washington, PA

- Organized and prepared the laboratory for the instructor
- Assisted students with laboratory and answered their questions
- Assisted professors in grading examinations
- Assisted in various labs including: General Chemistry, Organic Chemistry, Physical Chemistry, Chemistry for non-majors, and Forensic Science

RESEARCH EXPERIENCE

MICROBIOLOGY LAB TECHNICIAN

UPMC Presbyterian

MARCH 2004-APRIL 2004

Pittsburgh, PA

- Technical and scientific support in molecular sample-processing lab

B.A.L. LAB TECHNICIAN

University of Pittsburgh

JUNE 2003-MARCH 2004

Pittsburgh, PA

- Technical and scientific support in molecular sample-processing lab
- Coordinate clinical sample collections from patients with different lung diseases
- Maintain database and inventory of clinical samples collected for clinical studies

SYNTHESIS

Washington & Jefferson College

AUGUST 2002-MAY 2003

Washington, PA

- Worked on synthesizing new derivatives of a metallomesogen
- Presented a poster at the 225th ACS National Meeting in New Orleans, Louisiana “New metallomesogens based on 4,5-bis(alkoxy)-1,2-phenylenebis[nitrilomethyldiyl(2-hydroxybenzene)].I: The synthesis of new derivatives with alkyl chains of varying length on the bridging phenyl ring”

COMPARATIVE ANALYSIS

Florida International University

JANUARY 2003

Miami, FL

- Validated refractive indexes for glass samples on the Glass Refractive Index Measurement (GRIM) 2 system from previous data collected
- Compared refractive indexes for glass samples from the GRIM 2 system to the GRIM 3 system
- Authored a paper which was submitted for publication in Science and Justice. The citation follows: Erin Livengood¹, Andria L. Hobbs², and Jose R. Almirall², ¹Washington & Jefferson College, ²International Forensic Research Institute and Department of Chemistry, Florida International University. *A Comparative Analysis of GRIM2 and GRIM3 for Refractive Index Measurements.*