

James Moshos
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EDUCATION:

Post-baccalaureate Certificate Program in Secondary Physics, August 2015 – May 2017

Millersville University, Millersville, Pennsylvania

- Undergraduate Coursework – GPA: 3.87
- Graduate Coursework – GPA: 4.0
- PA Certification: Physics, Chemistry (via Praxis exam)

Bachelor of Science in Physics, May 2014

Minor in Mathematics

University of Richmond, Richmond, Virginia

School of Arts and Sciences

- Overall GPA: 3.80, summa cum laude
- Dean's List (8/8 Semesters), Phi Beta Kappa Honor Society, Phi Eta Sigma Honor Society, Sigma Pi Sigma Physics Honor Society, Golden Key International Honor Society, Pi Mu Epsilon Honor Society

TEACHING EXPERIENCE:

Student Teacher, Conestoga Valley Middle School

Lancaster, PA; August 2016 – May 2017

- Co-planned and co-taught lessons and directed learning labs for an 8th grade earth science classroom with multiple academic levels of students.
- Created a unit on forces and motion based on the Pennsylvania Standards Aligned System and school district curriculum.
- Designed formative and summative assessments including labs, projects, and grading rubrics to monitor student progress towards learning objectives and mastery of content.
- Worked with English language learners and representative faculty to determine individual accommodations needed for instruction.
- Differentiated content to best accommodate students based on Individualized Educational Plans (IEPs) and tracked student progress using formative assessments.
- Identified classroom management strategies to best promote a productive, positive, and safe learning environment for all students.

Girls Tennis Head Coach, Manheim Township High School

Lancaster, PA; August 2016 – Present

- Managed and instructed team of 24 girls tennis players with the help of 2 part-time volunteer assistant coaches
- Communicated with parents, student-athletes, and administration to ensure proper awareness of school and league policies and announcements regarding the team.
- Directed fitness drills and tennis skill-improvement drills during practice
- Coached in-game strategy and mental adjustments during league and post-season matches

- Submitted appropriate paperwork regarding team information and submissions for post-season play to respective administration or PIAA representative

OTHER EXPERIENCE:

Research and Development Scientist, Stoner Incorporated

Quarryville, PA; June 2014 – May 2016

- Interned from May 2013-August 2013
- Developed and improved new and existing chemical solutions for the Stoner product line
- Certified quality of manufactured products with composition of certificates of analysis
- Performed statistical analysis on Stock Keeping Units and customer sales information to analyze inventory, cash flow, Kanban prioritization, complexity optimization, and market segmentation of business
- Utilized problem solving techniques and root cause analysis to answer questions from customers
- Maintained communication with suppliers and customers for opportunities to optimize product

Student Assistant with Public Relations, Richmond Athletics

Richmond, VA; August 2012 – May 2014

- Operated cameras and graphics software for internet broadcast of sporting events
- Analyzed in-game statistics to assist in in-game stat keeping and post-game analysis

Research Assistant, Dr. Ovidiu Lipan, University of Richmond

Richmond, VA; May 2012 – July 2012

- Researched theoretical physics for Dr. Ovidiu Lipan
- Modeled biological systems using statistical models including Bayesian Networks

LEADERSHIP EXPERIENCE:

InterVarsity Christian Fellowship, August 2010 – April 2014

Treasurer, August 2011 – April 2014

Leadership Team Member, August 2011 – April 2014

- Allocated programming budget for University of Richmond's InterVarsity chapter
- Planned outreach and relationship building events for University of Richmond's InterVarsity chapter and the University community

University of Richmond Club Tennis, August 2010 – May 2014

Co-President, April 2011 – April 2013

- Coordinated practices, communicated with other universities to set up matches and tournaments

OTHER ACTIVITIES & INTERESTS

St. Peter's Church Contemporary Praise Band

Lancaster, PA; September 2015 – Present

USTA League Tennis & Tournaments

Lancaster, PA; May 2010 – Present