

Jacob S. Margolis

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GRADUATE EDUCATION: HARVARD MIND, BRAIN, AND EDUCATION ED.M.

Harvard University

Harvard Graduate School of Education - Mind, Brain, and Education Program - Ed.M.

August 2018 – May 2019

CAMBRIDGE, MASSACHUSETTS

- Collaborated with and learned from educators, administrators, and scholars from around the world
- **Studies:** Globalization of education, policy and practice, neuroscience in education, personalization in education, assessment design
- **Module Developer at LabXchange:** Helped create an interactive program-based module intended to teach high school and college students to read scientific journal articles
- **Study Designer for the Learning, Innovation, and Technology Lab:** Created materials and documents to be used in studies. Planned, organized, and moderated two studies

PROFESSIONAL EXPERIENCE: HIGH SCHOOL SCIENCE TEACHER AND DEPARTMENT CHAIR

Cato Middle College High School

AP Physics, AP Environmental, Honors Physics, Honors Chemistry, and Astronomy Teacher

August 2015 – August 2018

CHARLOTTE, NORTH CAROLINA

- Acted as a Learning Community Advisory Council representative
- Acted as an Instructional Leadership Team member and presenter
- Acted as School Technology Lead
- Elected CATO MCHS's Teacher of the Year (2017-2018)
- Collaborated with local school principals, my local superintendent, and other teachers
- Wrote and enacted AP Curricula via CollegeBoard guidelines
- Implemented technology into the classroom using ErgoBot, 3D printing, and software interactives
- Selected, ordered, and constructed materials used by the Science Department
- Led two student clubs

STUDENT TEACHING & TEACHING OVERSEAS

Altoona Area Junior High School and St. Marks Community School

Teacher of Integrated Science

September 2014 – May 2015

ALTOONA, PENNSYLVANIA and DUBLIN, IRELAND

- Prepared lesson plans and taught for 12 weeks based on Pennsylvania Academic Standards
- Taught an international and diverse student body in Dublin, Ireland

UNDERGRADUATE EDUCATION: THE PENNSYLVANIA STATE UNIVERSITY

The Pennsylvania State University

Bachelor of Science in Secondary Education: General Science

January 2011 – May 2015

UNIVERSITY PARK, PENNSYLVANIA

- Instruction I PA Certificate in Earth and Space Science (7-12)
- SP1 Professional Educator's License - Science (9-12)

EDUCATIONAL ACTIVITIES

Curriculum Assessor: CMS Textbook Adoption Review Committee

Continuing Education Unit (CEU) Programs: PEAK Teaching for Excellence Academy, Cultural Proficiency PD, Title IX Overview and Legal Landscape, INS 2015-16 Differentiation Academy 2015

Speaker: Charlotte March for Science

TRAITS AND SKILLS

Traits: Tenacious, Passionate, Committed, Friendly, Results-Driven, Scrupulous, Audacious, Innovative, Autodidactic

Skills: Teaching, Technology, Public Speaking, Leadership, Interpersonal Communication, Management, E-Learning, Curriculum Development, Design, Creative Thinking, Writing, Collaboration, Research, Consulting, Problem Solving, Assessment Development, Science, Windows, Google, Microsoft, Apple, Adobe

REFERENCES

Dr. Scott McDonald: Associate Professor of Education

smcdonald@psu.edu (814) 265-2190

Scott McDonald is a friend and a mentor. He currently works as the Assistance Professor of Science Education at Pennsylvania State University. As an upperclassman, I had the privilege of studying under Dr McDonald. Prior to his work at Pennsylvania State University, Dr McDonald worked as a Physics teacher, and received his Ph.D. in Learning Technologies in Science Education from The University of Michigan.

Alicisa Johnson: Principal

alicisa.johnson@cms.k12.nc.us (980) 343-1453

Alicisa Johnson was my Principal at Cato Middle College High School. She has observed and assessed my performance frequently, both because of district requirements, and at my request for feedback. Prior to her position at Cato, she worked as a math teacher for several years, then earned her master's degree in Educational Leadership and Administration from Winthrop University.

Dr. Bertrand Schneider: Assistant Professor of Education

bertrand_schneider@gse.harvard.edu (617) 496-2094

Bertrand Schneider is a mentor and the lead researcher at the Learning, Innovation, and Technology Lab at Harvard Graduate School of Education. I began as Dr Schneider's research assistant designing studies based on real-time Electrodermal Activity (EDA) readings at the start of my first semester at Harvard and continue to assist Dr Schneider now. Prior to his position as Associate Professor of Education at Harvard, he received his Ph.D. from the Learning Sciences and Technology Design school at Stanford.

Thomas Musselman: Teacher Supervisor

tommuss871@gmail.com (814) 943-6959

Thomas Musselman is a mentor and retired Student Teacher Supervisor at The Pennsylvania State University. While training to be a teacher, I was coached and supervised by Thomas Musselman and he has been a mentor since. Prior to his time at Penn State, he worked as a science teacher and administrator.

Sara Pensyl: Program Manager

sarapensyl@gmail.com (570) 807-3958

Sara Pensyl is a mentor and friend. She currently works for Tuscarora Inn and Conference Center as a program manager. Before entering the field of formal education, I acted as a camp counselor under Sara Pensyl. Prior to her current role, she held a position working for Raytheon in State College, PA.

Additional references available upon request.