

Maria Class

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Education

Rutgers University, New Brunswick, NJ
Master of Education in Educational Psychology, May 2016

Rutgers University, New Brunswick, NJ
Graduate Certificate in Educational Technology, December 2015

Columbia University, New York, NY
Bachelor of Science in Astronomy, May 2009

Teaching Experience

Summer Institute for the Gifted, Lincroft, NJ
Instructor - Physics, 2014

- Implemented individualized daily instruction in physics based upon the unique abilities of each student providing an appropriate, intellectually stimulating environment.
- Provided positive leadership through sharing and demonstrating academic knowledge and promoting teamwork.
- Demonstrated experience with and knowledge of the academic, social, and emotional needs of gifted students.

Ocean County College, Toms River, NJ
Adjunct Instructor - Physics & Astronomy, 2012 to 2013

- Taught college level astronomy and physics lab courses including Astronomy I Lab, Physics I Lab, Physics II Lab, and General Physics I Lab.
- Facilitated learning by developing students' self-directed learning skills.
- Graded student assignments, proctored exams, and managed lab equipment.

Sylvan Learning Center, Toms River, NJ
Instructor - Science & Math, 2011 to 2012

- Provided personalized instruction in mathematics, chemistry, physics, and SAT preparation.
- Supervised, developed rapport with, and motivated students while they worked.
- Evaluated and documented student progress.

Related Professional Experience

Freelance, Toms River, NJ

Private Tutor - Science & Math, 2012 to Present

- Provide one-on-one instruction, online as well as in person, in math and physical science.
- Work with students to turn weaknesses into strengths.
- Motivate and encourage students improve study skills and build confidence.

Ocean County College, Toms River, NJ

Planetarium Program Designer & Technician, 2014 to 2015

- Served on the Robert J. Novins Planetarium Steering Committee.
- Developed planetarium programs for school groups, paying particular attention to addressing common core curriculum standards, as well as the general public.
- Trained presenters and operators to ensure high quality presentation delivery.

Ocean County College, Toms River, NJ

Planetarium Presenter and Operator, 2011 to 2015

- Presented planetarium programs to school groups as well as the general public.
- Hosted star parties with support from local astronomy club members to introduce patrons to the night sky.
- Operated the star projector, digital video system, and laser system along with auxiliary components to deliver informative and entertaining programs.

Ocean County College, Toms River, NJ

Professional Tutor, 2013 to 2015

- Provided support as a Professional Tutor for Educational Opportunity Fund (EOF) students in math, science, and writing.
- Attended meetings with EOF students and staff to support the development of a learning community pilot program.
- Maintained accurate records of student appointments including evaluation of progress and appropriate feedback.

Research

Charlene E. Gerring, New York, NY

Research Assistant, 2005 to 2009

- Provided research assistance including project planning and data analysis.
- Edited articles for publication in scholarly journals.
- Identified resources, gathered information, and assisted in developing evaluation strategies.

Volunteer Experience

Columbia University, New York, NY

Liaison, 2013 to 2015

- Organized information sessions for Ocean County College transfer students.
- Presented reflections on personal experience at Columbia University to inform and inspire students.
- Provided support to both Ocean County College and Columbia University staff members to encourage continual interaction.

Literacy Volunteers of Ocean County, Toms River, NJ

Consultant, Editor, and Tutor, 2010 to 2011

- Designed and edited quarterly newsletter and social media profile.
- Tutored basic skills (English).
- Provided guidance to tutors working with students with learning disabilities.

Ocean County College, Toms River, NJ

Planetarium Volunteer, 2010 to 2011

- Responded to routine astronomical inquiries from the general public.
- Offered guidance to students wishing to pursue a degree in astronomy.
- Provided general assistance to planetarium staff and guests.

Project Eye-to-Eye, New York, NY

Mentor, 2006 to 2007

- Provided guidance to inner-city kids with learning disabilities.
- Served as a model for success and demonstrated total commitment.
- Connected and built positive, trusting, and constructive relationships.

Professional Associations

American Psychological Association, 2015 to Present

American Astronomical Society, 2012 to Present