

# SCOTT M. FINE, MS

3 Warren Drive, Port Charlotte, Florida 33952



Mobile: 555.555.5555

smfine@aol.com

## SECONDARY EDUCATION TEACHER

**Masters-level, experienced Earth Science Teacher who is committed to preparing students for academic success through inspiring a desire to learn**

Exceptional communicator and motivator creating and presenting lesson plans that **encourage students to recognize the importance of science and how it is applied to daily life**. Focused leader, utilizing positive disciplining techniques that improve classroom management and test scores. Intuitive, offering ability to identify each child's unique learning style and adapt lessons accordingly. CPR Certified.

## EDUCATION

Canisius College ■ Buffalo, New York

**Master of Science in Adolescence Education, Earth Science**, GPA: 3.6/4.0; 12/09

**Masters Project:** A Review of Literature Related to the Moral and Ethical Development of Students

State University of New York at Fredonia ■ Fredonia, New York

**Bachelor of Science, Environmental Science**, GPA: 3.5/4.0; 05/00

Erie Community College ■ Orchard Park, New York

**Associate of Science in General Science**, 05/97

## TEACHING CERTIFICATIONS & ELIGIBILITY

**New York State Initial Teaching Certification Secondary Education**

**Concentration in Earth Science Certification**, 09/06 – 09/12

**State of Florida Department of Education**

**Professional Educator's Certificate in Earth-Space Science**, 07/06 – 06/13

## TEACHING EXPERIENCE

Empower Professional Academy, Middle School ■ Buffalo, New York

09/09 – 12/09

**Student Teacher – Life Science, 6<sup>th</sup> Grade / Physical Science, 7<sup>th</sup> Grade / Earth Science, 8<sup>th</sup> Grade**

Supported Teacher in the development and delivery of engaging curriculum, providing 160 alternative education students with the attention and support necessary to meet requirement and achieve success. Worked diligently to produce innovative ideas that improved education, while offering a “fun” way of learning. Continuously sought new and exciting methods for teaching science.

- Utilized all possible resources, including MS PowerPoint and other technology, to create interesting presentation of material.
- Created a positive classroom by setting strict and fair guidelines, while building a solid rapport with staff and students.
- Recognized by administration for achieving results with challenging students, including increased note taking and class participation.
- Provided additional academic support, meeting the specific learning needs of each individual.
- Worked closely with Teacher to gain experience in laboratory functions within a middle school.
- Integrated teaching strategies such as lecturing, cooperative learning, and group work.

**Mount Mercy Academy** ■ Buffalo, New York

01/08 – 05/08

**Student Teacher – 10<sup>th</sup> and 11<sup>th</sup> Grade Earth Science**

Created and presented innovative curriculum to 80+ female students at a highly regarded parochial school. Developed, graded, and reviewed quizzes and chapter tests, which led to an increased understanding of the material.

- Engaged students through hands-on laboratory exercises and assignments that focused on scientific measurements.
- Gained experience in laboratory lesson preparation through the use of established plans.
- Stimulated students' interest in the scientific subject matter by assigning and supporting the creation of presentation boards and oral reports.
- Taught research techniques through a climate project that explored eight different zones and required the use of multiple resources.

**Harriet Ross Tubman, PS 31** ■ Buffalo, New York

10/07 – 01/08

**Student Teacher – 7<sup>th</sup> and 8<sup>th</sup> Grade Intermediate Science**

Successfully taught 120 students in a challenging, inner-city environment. Wrote unit plans and presented lessons to students, overcoming significant behavioral issues.

- Captured the attention of students by incorporating technology into the curriculum.
- Improved reading comprehension and writing skills to meet New York State Standards.
- Served as a role model for tolerance and acceptance in a diverse cultural setting.

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**ENVIRONMENTAL RESEARCH**

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**State University of New York at Fredonia** ■ Fredonia, New York

**Undergraduate Research** (09/99 – 05/00) - Conducted study on the toxicity of organic compounds on *Daphnia magna*. Cultured algae and *Daphnia magna* for toxicity tests. Worked independently.

**Research Assistant to Dr. David Figg** (05/99 – 12/99) - Assisted in a study of the inshore fisheries of Lake Erie, funded by the Great Lakes Research Consortium in cooperation with the New York State Department of Environmental Conservation. Responsible for inshore beach seining/fish identification.

**Research Assistant to Dr. David Figg** (05/99 – 12/99) - Participated in a study of aquatic macrophytes in Findley Lake, New York, funded by New York State Department of Environmental Conservation. Responsibilities included SCUBA diving and collecting/identifying aquatic macrophytes. Gathered and analyzed water samples.

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**ADDITIONAL WORK HISTORY**

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**Laborer** ■ Truwall Masonry ■ Hamburg, New York

06/02 – 08/04

**Quality Assurance Technician** ■ Rich Products ■ Buffalo, New York

08/00 – 06/01

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**COMPUTER SKILLS**

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Proficient in Microsoft Office Suite (Word, Excel, Access, PowerPoint, and Outlook) and the internet for the development and implementation of technological programs in the classroom.