

Amanda Williams

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OBJECTIVE

Position as a Biology/General Science teacher at the secondary (6-12) level with focus on ecology, environmental, and general science. Interest in advising tennis, dance team, and science-related clubs.

EDUCATION

Master of Science in Secondary Education: Biology and Broad Field Science, ESL 5/xx
University of Wisconsin-Madison GPA: 3.90/4.00

Bachelor of Science in Biology and Environmental Studies 5/xx
University of Wisconsin-Madison GPA: 3.75/4.00

CERTIFICATION

Wisconsin License: Early Adolescence to Adolescence 20xx-20xx
Biology, Broad Field Science, Environmental Studies, English as a Second Language

TEACHING EXPERIENCE

Student Teacher, Grade 9 1/xx-6/xx
Leopold High School, Middleton, WI

- Planned and taught three classes of general biology in an urban, multicultural setting.
- Designed lesson on Darwin's voyage on the *HMS Beagle* and contributions to the theory of evolution in order to give students a deeper understanding of how scientific theories develop.
- Integrated technology into lesson plans through use of Smart Boards, videos, and interactive online class review games to provide differentiated learning experiences.
- Created assessments and set clear goals for student learning with team for biology curriculum.
- Offered students individualized assistance and instruction about study skills during an after school program with a focus on helping them become independent lifelong learners.

Student Teacher, Grade 8 10/xx-12/xx
Prairie Middle School, Madison, WI

- Planned and supervised a field trip to a local lake to test water quality as a hands-on experience within an ecology unit.
- Organized a science careers panel to showcase how science is used in the daily work of a biologist, environmental engineer, doctor, and organic chemist.
- Designed and adapted general science lessons to accommodate the needs of special education students and to allow more investigation and independent assignments for advanced students.
- Developed and completed student progress reports for parent teacher conferences to communicate growth to parents and create shared goals.

Practicum Student Teacher, Grade 7 8/xx-10/xx
Century Middle School, Monona, WI

- Taught general science lessons using Full Option Science System (FOSS) kit lesson plans providing supplemental lessons as needed to ensure deep learning.
- Provided science and math tutoring to student with emotional and learning disabilities with the goal of building confidence.

Practicum Student Teacher, Grade 9 & 10 8/xx-10/xx
Monroe High School, Madison, WI

- Observed and reflected on classroom management strategies in a multi-cultural urban setting.
- Tutored students needing one-on-one assistance with science and math during study hall.

COMMUNITY INVOLVEMENT

Math and Science Tutor, People Program, Madison, WI 6/xx-8/xx

- Mentored individual and small groups of middle school students from diverse backgrounds as they develop goals and college-ready skills.

Childcare Provider, Parental Stress Center, Madison, WI 10/xx-05/xx

- Supported families by providing emergency childcare for children aged 0-14 and creating a safe space.

Alternative Spring Break Participant, Macomb Academy, Macomb, GA 3/xx

- Provided hands-on social and academic support to young boys in an alternative school setting.

PROFESSIONAL ORGANIZATION MEMBERSHIPS

Women in Science Education 20xx-Present

Student Wisconsin Education Association (SWEA) 20xx-Present

RESEARCH EXPERIENCE

Research Specialist, Innovative Labs, Madison, WI 7/xx-7/xx

- Analyzed DNA samples through assays including HPLC to determine effect of medicinal substances.
- Implemented quality control tests to ensure purity of DNA samples.
- Ran statistical analyses of data in SPSS to identify trends and wrote daily lab reports of findings.

Student Researcher, Mills Research Group, Madison, WI 9/xx-5/xx

- Performed PCR analysis to amplify DNA samples and isolate the targeted gene.
- Collaborated with other researchers to troubleshoot research challenges and presented research progress at biweekly subgroup lab meetings.
- Compiled and presented research findings in a poster session to peers and faculty at the UW-Madison Undergraduate Symposium.

Student Researcher, Summer Research Program, Madison, WI 6/xx-8/xx

- Created independent research project to track mortality and reproductive rate of fish by tagging individual fish in lakes with different algae species.

WORK EXPERIENCE

Front Desk Clerk, Best Western Campus Hotel, Madison, WI 6/xx-5/xx

- Coordinated guest reservations and registrations in an efficient and courteous manner.

Waitress, Ellas Deli and Ice Cream Shop, Monona, WI 8/xx-5/xx

- Provided excellent customer service in a busy, family owned restaurant.
- Trained 3 new employees on opening and closing procedures as well as serving duties.

Adventure Camp Trip Leader, Telluride, CO 7/xx, 7/xx

- Supervised 8-10 high school girls on two-week backpacking trips in the Rocky Mountains.

PORTFOLIO ACCESS

Access my UW-Madison Portfolio:

<http://>

File#: xxxxxx Password: xxxxxxxx

To see examples of the ways I use inquiry based learning in my practice, please click on the 'Teaching & Learning' tab on the Start Page of my portfolio, then 'Growth in Student Explanations'.