

# Amanda Williams

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## OBJECTIVE

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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

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

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

## CERTIFICATION

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

## TEACHING EXPERIENCE

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**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 and 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

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**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

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Women in Science Education 20xx-Present

Student Wisconsin Education Association (SWEA) 20xx-Present

## RESEARCH EXPERIENCE

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**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

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**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.