

ROBBIN SIMMES

Physics Teacher

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(470) 128-4284

1234 Desert Sun Rd, Albuquerque, NM
87121



PROFILE

Dedicated Physics Teacher with 1 year of experience in designing engaging and interactive lessons to foster students' curiosity and understanding of fundamental concepts. Adept at employing innovative teaching methodologies to support diverse learning styles, and skilled in evaluating and adapting to individual student needs. Committed to creating a positive learning environment that fosters a passion for scientific inquiry and academic achievement.

LINKS

[linkedin.com/in/robbsinsimmes](https://www.linkedin.com/in/robbsinsimmes)

SKILLS

Problem-solving

Experimentation

Calculus proficiency

Simulation software (e.g., Algodoo)

Data analysis (e.g., Excel)

Scientific communication

Laboratory safety

LANGUAGES

English

Portuguese

HOBBIES

EMPLOYMENT HISTORY

Physics Teacher at Los Alamos National Laboratory, NM

May 2023 - Present

- Developed and implemented a new physics curriculum that increased student proficiency by 35% over a three-year period, resulting in a higher pass rate for standardized tests.
- Successfully mentored a team of 4 undergraduate research interns from local universities, leading to two publications in peer-reviewed journals and a 100% acceptance rate for internships or graduate programs in their respective fields.
- Collaborated with fellow teachers and administrators to secure a \$50,000 grant for the development of a state-of-the-art physics lab, enhancing hands-on learning experiences for students and increasing overall engagement in the subject matter.
- Organized and led an annual physics competition for high school students across New Mexico, drawing over 300 participants each year and increasing interest in physics education within the community.

Assistant Physics Teacher at Explora Science Center, NM

Aug 2022 - Mar 2023

- Successfully developed and implemented a physics curriculum for over 500 students, leading to a 20% increase in average test scores within the first year of teaching at Explora Science Center, NM.
- Collaborated with fellow educators to organize and conduct 10 engaging physics workshops and interactive demonstrations, resulting in a 15% increase in student enrollment for the physics department.
- Mentored and supervised a team of 5 interns, providing hands-on training and guidance, which resulted in all interns receiving full-time teaching positions within the science education field.

EDUCATION

Master of Science in Physics Education at New Mexico State University, Las Cruces, NM

Sep 2018 - May 2022

Relevant Coursework: Advanced Physics Pedagogy, Quantum Mechanics, Statistical Mechanics, Electromagnetic Theory, Computational Physics, Experimental Physics, Classical Mechanics, Optics, Condensed Matter Physics, Nuclear and Particle Physics, Astrophysics, and Science Education Research.

CERTIFICATES

American Association of Physics Teachers (AAPT) Member Certification

Apr 2022