

## **Roy Biñas Basa**

Twin Buttes Cyber Academy  
Zuni Public School District



Dr. Roy Basa is a distinguished educator, accomplished author, and passionate advocate for science education. His remarkable journey in education commenced with a Bachelor's degree in Secondary Education with a specialization in General Science, followed by a Master's degree in School Administration and Supervision, both earned at the University of Negros Occidental – Recoletos. Driven by an unquenchable thirst for knowledge, he continued his academic pursuits, eventually earning a Doctor of Philosophy with a major in Educational Management from the same institution. His dedication and academic prowess during this journey not only culminated in the prestigious Ph.D. but also in High Academic Distinction and Outstanding Dissertation Awards. Not content with resting on his laurels, Basa sought further specialization through a Master's in Education majoring in Natural Science at the University of St.

La Salle in Bacolod City, Philippines. His commitment to education led him to embark on yet another educational journey, currently pursuing a Master's in Education with a major in Special Education at Western Colleges, Incorporated.

Beyond his academic achievements, Roy Basa's contributions to the field of education have earned him several honorary titles and recognitions. As a Fellow Royal Institution Educator (FRIEdr) of the Royal Institution in Singapore, he is part of a select community of educators dedicated to educational excellence. Additionally, he was awarded the Doctor of Science in Scientific Pedagogy (DSc) by Leaders Autonomy International's Ibarra Scholars and Fellows, underlining his exceptional contributions to scientific pedagogy.

Basa's career in education is as diverse and dynamic as his academic journey. He currently serves as a Science, Biomedical Science, Clean Energy Technology, Technology, Engineering, and Rocketry Instructor at Twin Buttes Cyber Academy and Zuni High School of the Zuni Public School District in New Mexico, USA. His role is pivotal in inspiring students to excel in critical fields and nurturing the next generation of scientists and innovators.

Prior to this, he served as an Environmental Science Instructor at River Valley High School in Mohave Valley, Arizona, where he instilled a love for the environment and scientific inquiry in his students. However, his most enduring contribution came during his 15-year tenure as a Master Teacher in Science and Technology at Negros Occidental High School in Bacolod City, Philippines. Here, he worked tirelessly to shape the minds of countless students, ensuring their access to quality education and mentorship.

Basa is not only an exceptional educator but also a prolific author. He has written numerous books, including "Phobias and Fears," "Branches of Science from A to Z," and seven others, all available worldwide. These books exemplify his dedication to making learning

engaging, accessible, and enjoyable for students, serving as valuable resources for educators and learners alike.

Basa's dedication to education has been acknowledged through a plethora of awards and recognitions. Notably, he was named as one of the National winners of the Oak Ridge Institute for Science and Educators NSTA Teacher Lesson Plan Competition in March 2023. He also received the SHELL URBAN SCIENCE EDUCATOR DEVELOPMENT AWARD from the National Science Teaching Association in the same year.

Furthermore, Basa's outstanding efforts were recognized through various awards, such as the Teacher Sponsor Winner at the 4 Corners Regional Science and Engineering Fair in 2023 and the New Mexico Governor's STEM Challenge in 2022. Additionally, he received the title of Most Outstanding International Educator, Researcher, and Author in 2022, along with Asia's Most Remarkable and Exceptional CTE and Science Educator of the Year.

His long list of achievements also includes awards such as the Outstanding Effort and Leadership Awardee from the Zuni Public School District in 2021 and the Above and Beyond Awardee from River Valley High School in Bullhead City, Arizona, in 2020. In 2016, Basa's exceptional work was recognized when he was named a National Winner in the Search for Outstanding Teachers of the Philippines 2016 by the Metrobank Foundation, Incorporated. This accomplishment was further solidified when he was named one of the Thirty Outstanding Filipinos by the same institution.

Basa's influence in the field of science education extends beyond the classroom. He has actively engaged in professional development, participating in numerous training sessions, seminars, and conferences. Notably, he was a featured panelist at the SHELL Science Education Leadership Pathways at the NSTA National Conference in Kansas City in October 2023, reflecting his leadership and expertise in science education.

His commitment to innovation and intellectual property is evident through his Certificate on Patent, Copyright, Trademark, and STEM Education from the United States Patent and Trademark Office. Additionally, his role as a CTE Instructional Materials Reviewer for the New Mexico Public Education Department has been instrumental in shaping vocational and technical education. Basa's dedication to the well-being of his students also extends to their physical health, evident in his Certification in Food Handler Training/Food Sanitation Training Course.

Basa is an active and influential member of various educational organizations, including the Royal Institution Educators, affiliated with the Royal Institution in Singapore, the National Science Teachers Association in the United States, and his role as an Advisor to the Health Occupation Students of America (HOSA) Zuni Public School District Chapter, where he continues to guide and inspire students in healthcare education and even brought students to regional, state, national and international science, engineering, and health research competitions.

Dr. Roy Basa's journey in education is a testament to his unwavering commitment to shaping the future through teaching and mentorship. His extensive academic background, diverse career, and numerous accolades underline his exceptional contributions to the world of

education, making him a true luminary in the field. He will always be an Educator, a Family man, and FOREVER A LIFELONG LEARNER.