

Dr. Valerie G. Segovia is the Associate Director of outreach and education for the Texas A&M Engineering Experiment Station's Nuclear Engineering and Science Center (NESC) and Associate Director of the Nuclear Power Institute (NPI).

In her roles, Segovia will work with the NESC director and staff to manage, expand, and direct all NESC outreach and education programs. As NPI Associate director, she will manage, expand, and direct the statewide workforce development mission and supervise all NPI staff.

Segovia began her career with NPI over a decade ago and has created novel programs that have been implemented across the State of Texas, including two NPI flagship programs, the Powerful Opportunities for Women Eager and Ready for Science, Engineering, and Technology (POWER SET) and the Workforce Industry Training (WIT). Traditionally, only 15%-17% of U.S. high school graduates pursue a STEM (science, technology, engineering and mathematics) college degree. However, through Segovia's leadership, an average of 75%-80% of graduating high school students who participated in NPI programs have pursued a STEM degree over the past decade.

Segovia is a Gulf Coast Workforce board member and has worked in the public school system as an elementary teacher, high school counselor, high school assistant principal and high school principal. She was recognized as a Texas Association of Secondary School Principals (TASSP) Region III Principal of the Year and TASSP Texas Principal of the Year Finalist, and won the Joseph B. Whitehead Educator of Distinction Award for Exemplary Dedication to the Field of Education. She was also named a KAVU Channel 25 "Hometown Hero." Under her leadership and management, Palacios High School was named a "Top Performing School" by U.S. News & World Report.

Dr. Segovia has participated in many working meetings, acted as a national expert consultant, presented as a keynote speaker, created outreach projects, and chaired conference sessions for the International Atomic Energy Agency (IAEA) in Vienna, Austria and for numerous Member States in their home countries. She has presented for the Infrastructure Development Working Group (IDWG) for the United States in Rome, Italy, Paris, France, and Buenos Aires, Argentina, the Center for Energy Workforce Development (CEWD), Women in Nuclear (WIN), American Nuclear Society (ANS), Texas Workforce Commission (TWC), Texas P-16 Board, Texas Association of Secondary School Principals (TASSP), and Texas Association of School Boards' (TASB) conferences along with other events to speak on educational issues and innovative programming.

Segovia holds a bachelor's degree in interdisciplinary studies, two master's degrees: in counseling and administration and supervision, and a doctorate in educational leadership. She is a mother of 3 grown, wonderful children, and spouse to her husband, Raul.