Dr. Rodica Neamtu
Professor of Teaching in the Computer Science Department
Worcester Polytechnic Institute

Dr. Rodica Neamtu is a Professor of Teaching in the Computer Science Department at Worcester Polytechnic Institute. She conducts research that investigates how to develop and leverage ground-breaking techniques based on Artificial Intelligence at the confluence of theoretical computer science and application domains such as medicine, neuroscience, economics, engineering and complex decision making. Her interdisciplinary research collaborations range from her newly co-founded Data-Driven Materials Science Research Group to Brain Wave Analytics, Data Series Management, and using machine learning to create mobile applications for Augmentative Alternative Communication for people with disabilities.

Dr. Neamtu is the leader of the AI4ALL program, which aims to create opportunities for all students, regardless of their major, to learn early in their academic career about AI. She is the Principal Investigator of an S-STEM grant geared towards increasing the academic success and sense of belonging in computing domains.

Dr. Neamtu's interests transcend the borders of the classroom and the realm of scholarly research, by including in her focus the ethical, social and moral implications of using AI in the workplace, academia and other aspects of life.

With more than fifteen years of teaching experience in various academic institutions, Prof. Neamtu is committed to use her love and talent for teaching and research to empower others through education to make a difference in the world.