

UNIVERSITY OF WYOMING

Amy Ulinski Banic

Department of Computer Science — Assistant Professor

Amy Ulinski Banic graduated with a B.S. in computer science and a B.A. in studio art from Duquesne University in 2003. She went on to the University of North Carolina at Charlotte to earn her M.S. and Ph.D. in computer science with an emphasis in 3D User Interfaces and Virtual Reality in 2005 and 2008, respectively. Immediately after, she held a post-doctorate fellow position in the School of Computing at Clemson University. In 2010, she accepted a tenure-track position as an assistant professor in the Computer Science Department at the University of Wyoming in Laramie, Wyo. Additionally, she holds a joint appointment with the Center for Advanced Energy Studies at Idaho National Laboratory in Idaho Falls.

Dr. Amy Ulinski Banic's research area is in 3-dimensional user interfaces, which focuses on human-centered computing and human-computer interaction for 3D environments such as immersive visualizations, virtual environments and virtual humans or embodied agents. Ulinski seeks to develop and investigate more natural and effective means of interaction in 3D environments, therefore improving tasks for training, education and analysis.

Education

Ph.D., Computer Science, University of North Carolina at Charlotte

Master of Science, Computer Science, University of North Carolina at Charlotte

Bachelor of Science, Computer Science, Duquesne University

Bachelor of Art, Studio Art, Duquesne University

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