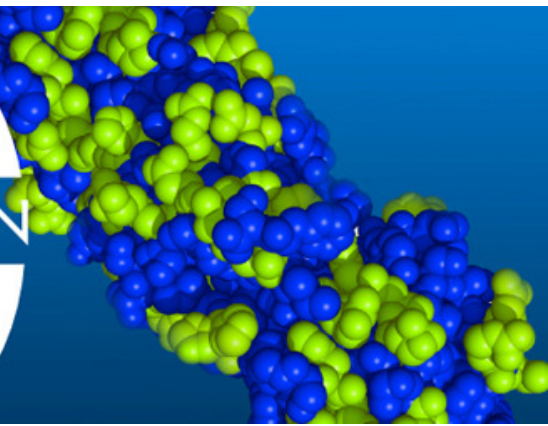


100 YEARS OF INNOVATION



ALUMNI SPOTLIGHT

Kimberly G. Roberts '07PhD has used her extensive professional knowledge to counsel engineering students in higher education. Currently an academic advisor at North Carolina State University's College of Engineering Academic Affairs, she teaches, advises and recruits students.

Kim began as an undergraduate researcher at NSCU developing heuristic summaries for a multitude of unit operations, including pumps, blowers, fans, compressors, distillation columns, etc., to enhance the senior design unit operations manual.

From there she received a National Science Foundation Graduate Research Fellowship and came to UD, where she completed her doctoral dissertation on the exploration of the ErbB/Ras/MAPK signaling pathway. Her findings help monitor disease progression, diagnose disease, and determine disease state in cancer patients.

After graduation from UD, Kim went to work for Alditri Technologies as biotechnology research director. In that role she was responsible for leading product development, directing experiments and daily lab management. She also gained extensive experience in grant writing, co-authored several research papers and secured funds from NSF and the National Institutes of Health.

Simultaneously, she devoted research time as a visiting researcher at NSCU to help strengthen Alditri's portfolio. While there, Kim also co-advised, mentored, and provided professional development to undergraduate students; assisted students in their research; and aided in the development of research projects for the students.

Committed to student improvement at her alma mater, she accepted her current position in 2010. Outside of her primary duties, Kim also serves on the Park Scholarships Alumni Society Board and is a member of the American Institute of Chemical Engineers (AIChE).

Kim earned dual bachelors degrees in Spanish Language and Literature and Chemical Engineering from NCSU in 2002.