



Dr. Jianmei Yu is a research scientist in food sciences and nutrition at North Carolina Agricultural and Technical State University. Her work on peanut allergen reduction resulted in a patent, which has been licensed to Alrqn Bio for commercialization.

Dr. Yu's interests and expertise include value-added utilization of agricultural products, food allergen reduction by post-harvest technologies, bioactive compounds, and functional foods for human health and wellbeing, especially in obesity prevention.

She is author or co-author of 12 funded grants. Since 2003, she has published 22 peer-reviewed articles in diverse and high-impact journals and four book chapters. Her publications are highly cited by other researchers in food and nutritional sciences, and her work at N.C. A&T has received extensive attention by the news media, including national and local television, online news outlets, blogs, newspapers, and feature magazines.

As chief scientist for Alrqn Bio, Dr. Yu brings her skills in extraction, purification, and separation technology, as well as her expertise in analytical techniques, including chromatography, spectrometry, electrophoresis, immunoassay, polymerase chain reaction, and wet chemistry analysis.

Dr. Yu is a member of several professional organizations and is a technical reviewer of many scientific journals. She serves as an editor for the International Journal of Agricultural and Biological Engineering and is a member of a grant proposal review panel for the U.S. Department of Agriculture's National Institute of Food and Agriculture. She also has judged several student research competitions and community science fairs.

Dr. Yu maintains an active teaching load in N.C. A&T's Department of Family and Consumer Sciences. Her courses include Food Chemistry, Food Analysis, and Sensory Evaluation of Foods. She serves as an advisor to graduate and

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undergraduate students and has supervised two postdoctoral scholars. Her students frequently present their research at professional conferences.

Before joining N.C. A&T in 2003 as a research associate, Dr. Yu worked as a postdoctoral fellow at the University of Guelph, Canada, from 1998 to 2000, and as a food technologist in the Food Research Center, Agricultural and Agri-Food Canada from 2001 to 2003. She has been a research scientist at N.C. A&T since 2010 in the Food & Nutritional Sciences Program.

Dr. Yu received her bachelor's degree in Chemical Engineering from Yunnan Institute of Technology in China in 1986, her master's in Food Engineering from South China University of Technology in 1991, and her Ph.D. in Food Science from Louisiana State University in 1998.