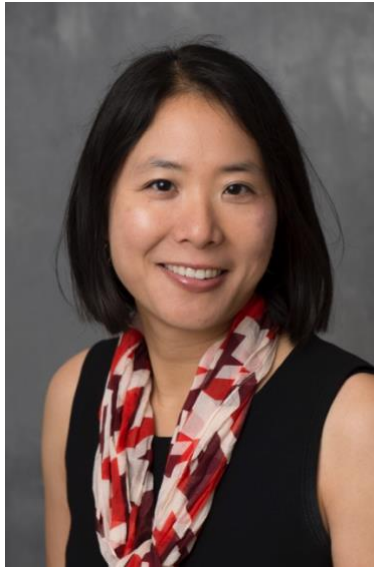


Julie C. Liu, PhD

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Session: Healthcare

Title of Talk: Bioinspired Adhesives for Surgical Glue Applications

Bio: Prof. Liu received her B.S.E. in chemical engineering from Princeton University. She was awarded a Whitaker Graduate Fellowship for her doctoral research at the California Institute of Technology. She received an NIH postdoctoral fellowship for her research at the University of Massachusetts Medical School. She is an associate professor of chemical engineering and biomedical engineering at Purdue University. She is currently a Purdue University Faculty Scholar. She has won numerous awards for mentoring, including the 2021 Purdue College of Engineering Faculty Excellence Award for Graduate Mentorship and the 2022 AIChE Women in Chemical Engineering Mentorship Excellence Award for Academia. Her research interests include biomimetic materials, tissue engineering, stem cell differentiation, and surgical adhesives.