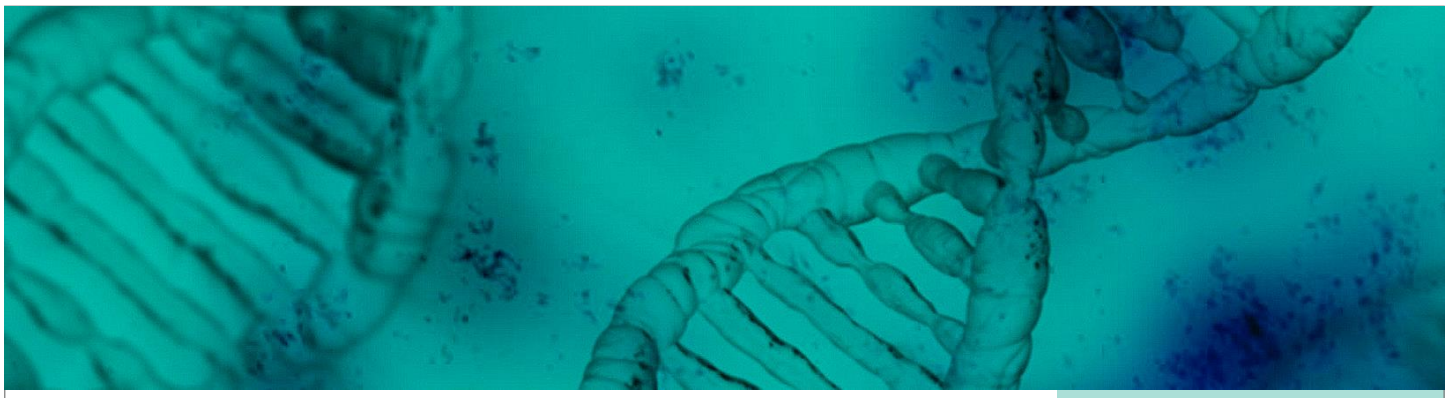

THE PURDUE LECTURE HALL SERIES

Thursday, October 1, 2020, 7 p.m.
Purdue University

Topic: **Describing the effect of particle-scale properties on overall powder behavior**

Guest Speaker: **Caralyn Stevenson**
PhD candidate, Chemical Engineering

I am a graduate student at Purdue University studying powder technology in the Davidson School of Chemical Engineering. Through this talk, I will discuss my research findings so far in my PhD career and the path I took that landed me in a PhD program at Purdue. My research focuses on describing the effect of particle-scale properties, such as size and shape, towards overall powder behavior. This research is relevant to several industries including pharmaceutical, defense, food, and cosmetics. It is my hope that I can convey to students and parents that *anyone* can pursue a career in science and engineering. I whole heartedly believe engineering can only benefit from having you and the background you specifically bring to the table.

Cara is a PhD candidate in Chemical Engineering department at Purdue University in Dr. Steve Beaudoin's research group. Cara earned her bachelor's degree in chemical engineering from New Mexico Tech in 2017. In addition to pursuing her PhD, Cara is a part of Purdue's Women in Engineering Program (WIEP) Graduate in Women Engineering Network (GWEN) leadership team. Upon graduating with PhD, Cara hopes to find a career that focuses on creating a supportive environment within engineering sectors for underrepresented groups.

Caralyn Stevenson
PhD candidate

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