

SIR RUN RUN SHAW LECTURE SERIES

Chemical Strategies to Intercept and Alter Bacterial Communication Pathways



Helen E. Blackwell

Norman C. Craig, Professor of Chemistry
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Helen E. Blackwell and her team's research is broadly focused on the design, synthesis, and application of non-native ligands that can intercept bacterial quorum sensing and provide new insights into its role in host/microbe interactions and the environment. In this talk, Blackwell will introduce their research approach and highlight most recent results.

Blackwell leads a research program at the interface of organic chemistry and bacteriology. Their broad goal is to use chemical tools to unravel the roles of bacterial cell-cell communication in disease and the environment. Blackwell also serves as the Associate Chair for the Graduate Program and Program Director for the 30-year strong NIH T32 Chemistry-Biology Interface Training Program at UW–Madison.

Thursday, April 11, 2024 • 4:00 pm
Wang Center, Lecture Hall 2

Reception 3:30 pm | Wang Center Theater Lobby

Presented by the Department of Chemistry.

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