

**8<sup>TH</sup>** Annual

PHI KAPPA PHI  
**FACULTY  
LECTURESHIP**



# SAVING THE WORLD:

**ONE MOLECULE AT A TIME**

**MUKUND SIBI**  
UNIVERSITY DISTINGUISHED  
PROFESSOR OF CHEMISTRY  
AND BIOCHEMISTRY

TUESDAY,  
DECEMBER 14

7 P.M.

MEMORIAL UNION  
ANISHINAABE THEATER  
ALSO OFFERED ((VIA ZOOM))

Mukund Sibi is a world-renowned chemist and has made outstanding contributions to important areas in organic synthesis and catalysis, medicinal chemistry, as well as green chemistry.

Sibi is a leading expert in free radical chemistry and has made ground-breaking discoveries on enantioselective radical reactions. He has pioneered the concept of "chiral relay" as a novel strategy for asymmetric synthesis of biomedically important small organic molecules. In the last decade, Sibi's research has focused on green chemistry and has developed breakthrough technologies for the synthesis of chemicals from renewable resources as feedstock for polymers.

Sibi has served as the director for the NDSU Center for Protease Research since 2001. He also is the co-lead for the Center for Sustainable Materials Science. He has published more than 200 peer-reviewed publications in journals, 25 book chapters and has 10 patents. Sibi is a co-editor of a popular two-volume monograph on radical chemistry, and he has made nearly 430 presentations around the globe on his science.

Sibi's research has been funded by NSF, NIH, DoD, USDA, DoE, American Chemical Society, Susan Komen Foundation and industry. His exceptional research achievements have been recognized numerous times, including college- and university-level awards for research excellence, mentorship and distinguished lectureships around the globe. In 2008, he received the prestigious Arthur C. Cope Scholar Award, a top honor of the American Chemical Society.



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### **PAST RECIPIENTS**

- 2021 - Kalpana Katti
- 2020 - Tom DeSutter
- 2019 - Stephenson Beck
- 2018 - Clay Routledge
- 2017 - Joel Caton
- 2016 - Michael Strand
- 2015 - Michael Robinson

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STATE UNIVERSITY

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