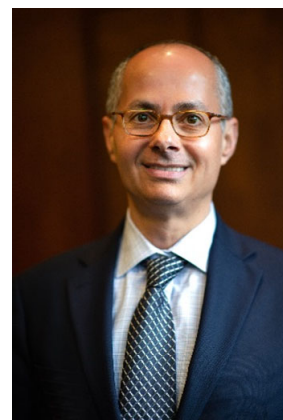


The Department of Chemistry and
Biochemistry
University of Missouri-St. Louis
Announces

The Twenty-third Annual
Robert W. Murray Lecture
Omar M. Yaghi



James and Neeltje Tretter Chair and Professor of Chemistry, UC Berkeley;
Co-Director, Kavli Energy NanoSciences Institute; Co-Director, California Research
Alliance by BASF

"Harvesting Water from Desert Air"

4:00 pm Monday September 26, 2022

103 Benton Hall

Professor Yaghi began his academic career at the Department of Chemistry at Arizona State University as Assistant Professor in 1992. He moved to Department of Chemistry, University of Michigan, Ann Arbor in 1999 to become *Robert W. Parry* Professor. In 2006, he moved to the University of California – Los Angeles to become *Irving and Jean Stone* Chair in Physical Sciences and *Christopher S. Foote* Professor of Chemistry. In 2012, he became *James and Neeltje Tretter* Chair Professor of Chemistry at the University of California-Berkeley. He is also Senior Faculty Scientist and Director of the Molecular Foundry at the Lawrence Berkeley National Laboratory. At UC Berkeley, he is also Co-Director of the Kavli Energy Nanosciences Institute, Co-Director of the California Research Alliance by BASF and Founding Director of the Berkeley Global Science Institute. Professor Yaghi's research build chemical structures by stitching molecules together into large and extended frameworks within which hydrogen, methane, and carbon dioxide can be stored. The interior of these frameworks is capable of compacting gases under ambient conditions, thus foregoing the use of high pressures and low temperatures for the storage of gases. Recent awards and fellowships include Membership of the National Academy of Sciences (2019), Albert Einstein World Award of Science, World Cultural Council (2017), Japan Society of Coordination Chemistry International Award (2017), Royal Society of Chemistry Spiers Memorial Award (2017), King Faisal International Prize in Science, Saudi Arabia (2015) World Class Professorship, Beijing Institute of Technology, China (2012) and Thomson Reuters ISI Web of Science Citation Laureate in Chemistry (2010). He was the Spring 2000 ACS Fred Kavli Innovations in Chemistry Lecturer in Philadelphia in March.

An abstract of the talk and further information is available at www.umsl.edu/chemistry.

Parking is available in the West Drive parking garage