

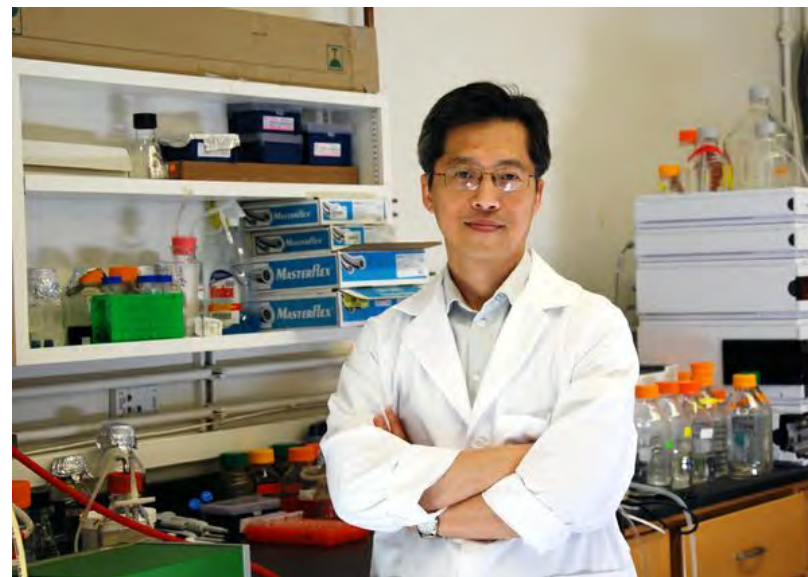
James Liao appointed to serve as Academia Sinica President



U.S. DEPARTMENT OF
ENERGY

Office of
Science

- Dr. James Liao has been named as the 11th president of Academia Sinica – the top academic research institution in Taiwan.
- Academia Sinica supports research activities in a wide variety of disciplines, ranging from mathematical and physical sciences, to life sciences and to humanities and social sciences.
- Dr. Liao's science focuses on:
 - developing the biological production of the liquid fuel isobutanol while simultaneously consuming carbon dioxide.
 - developing different methods to create liquid fuels from electricity and from waste proteins; as well as identifying a more efficient way to convert sugars into fuels.
- Dr. Liao serves as the BESC Activity Lead for Butanol Production by CBP.



Dr. Liao received his Bachelor degree at the National Taiwan University and his Doctorate at the University of Wisconsin-Madison

Scientific Achievements

- 2015 elected to the National Academy of Sciences
- 2014 National Academy of Sciences Award for the Industrial Application of Science
- 2013 National Academy of Engineering Member
- 2013 Eni Prize winner for renewable energy research for his work in synthesizing isobutanol and other higher alcohols as biofuels
- 2012 Champion of Change for Renewable Energy – one of nine honored at the White House for “advancing new ideas that are leading the way to a clean energy future and an economy that is build to last”
 - https://www.youtube.com/watch?v=rcHvKZgt_s8
- 2010 Presidential Green Chemistry Challenge Award – from the U.S. Environmental Protection Agency for his work “in recycling carbon dioxide for biosynthesis of higher alcohols”



中央研究院
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