

Video Message Transcript

Applied Materials EPIC Center Launch

May 22, 2023

Tsu-Jae King Liu, Dean, College of Engineering, University of California, Berkeley

Pioneering innovations by Berkeley researchers have enabled advancements in semiconductor chip technology, resulting in the exponential growth of computing and data generation that has ushered in the age of artificial intelligence. But as the U.S. Secretary of Commerce has pointed out, today, the vast majority of the world's leading-edge chips are produced overseas, even though the majority of them are based on technology created here at UC Berkeley.

The CHIPS and Science Act is spurring growth in domestic semiconductor manufacturing and R&D to ensure the nation's long-term technological leadership, which is vital to economic prosperity and national security. Applied Materials' new innovation center in the heart of Silicon Valley aims to speed the translation of university inventions into commercial products by providing early access to cutting-edge industrial-scale semiconductor process equipment and technologies.

I'm excited to see the partnership between UC Berkeley and Applied Materials grow with this investment in collaborative R&D and in the development of new engineering talent to drive American innovation and growth.