



Enrique J. Lavernia

Dr. Enrique J. Lavernia is Provost and Executive Vice Chancellor for the University of California, Irvine. As provost, Dr. Lavernia is UCI's chief academic and operating officer, with primary responsibility for the university's teaching and research enterprise, which includes 16 schools, nearly 5,500 faculty and more than 190 degree programs.

Previously, Dr. Lavernia was engineering dean and Distinguished Professor of Chemical Engineering and Materials Science at UC Davis. He also served as provost and executive vice chancellor for two years as UC Davis transitioned to a new chancellor. During his tenure as dean of the UC Davis College of Engineering, it evolved into one of the nation's fastest-growing and most prestigious engineering schools. Nine members of the faculty, including Dr. Lavernia, became members of the National

Academies. Research expenditures doubled, 88 professors were hired and student enrollment increased by 22 percent, with significant increases in female and Hispanic undergraduates.

He was recently recognized with the 2020 Acta Materialia Gold Medal Award. In 2019, he was awarded an honorary doctorate of Science in Technology from Aalto University in Helsinki, Finland. In 2018, he received the Distinguished Engineering Educator Award by the National Engineers' Council. Dr. Lavernia became a member of the National Academy of Inventors in 2017.

In 2016, he received the Alexander von Humboldt Foundation Research Award as well as the TMS Leadership Award from The Minerals, Metals and Materials Society. In 2015, he was inducted into the Hispanic Hall of Fame by the HEENAC Great Minds in STEM and was appointed Distinguished Professor at UC Irvine. He was awarded the TMS Fellows Award for the Class of 2014 by The Minerals, Metals and Materials Society. In 2013, Dr. Lavernia was elected to the National Academy of Engineering, was named a recipient of the Edward DeMille Campbell Memorial Lectureship and received the ASM International Gold Medal Award. He received the Hispanic Engineer National Achievement Award and the Society for the Advancement of Chicanos and Native Americans in Science Distinguished Scientist Award in 2011.

Named Presidential Young Investigator by the National Science Foundation, Dr. Lavernia also received a Young Investigator Award from the Office of Naval Research. He is a fellow of The Minerals, Metals and Materials Society, the Materials Research Society, the American Society of Mechanical Engineers, the American Association for the Advancement of Science, and ASM International.

Dr. Lavernia has published more than 600 journal and 200 conference publications and been awarded 11 patents on topics ranging from nano-materials to aluminum alloys. His research interests include the synthesis and behavior of nanostructured and multi-scale materials with particular emphasis on processing fundamentals and physical behavior; thermal spray processing of nanostructured materials; spray atomization and deposition of structural materials; high temperature-high pressure atomization processes; and mathematical modeling of advanced materials and processes. He earned a Ph.D. in Materials Engineering from the Massachusetts Institute of Technology.