

# The University of Michigan Regents Communication Request for Action

## Subject: Report of Faculty Retirement

### Action Requested: Adoption of Retirement Memoir

**John Allison, Ph.D.**, William F. Hosford Collegiate Professor of Materials Science and Engineering, professor of materials science and engineering, and professor of mechanical engineering in the College of Engineering, retired from active faculty status on August 24, 2026.

Professor Allison received a B.S. in engineering mechanics from the US Air Force Academy in 1972, followed by an M.S. in metallurgical engineering from The Ohio State University in 1977. In 1982, he earned a Ph.D. in metallurgical engineering and materials science from Carnegie-Mellon University. From 1972-1977, he served in the US Air Force at the USAF Materials Lab and Flight Dynamics Lab as a materials development engineer. From 1983-2010, he was on the staff at the Ford Motor Company Scientific Research Laboratory raising to the level of senior technical leader. From 1989 to 2010, he served as an adjunct professor of materials science and engineering at the University of Michigan. In 2010, he joined the University of Michigan faculty as professor of materials science and engineering. He was appointed William F. Hosford Collegiate Professor in 2018 continuing through to his retirement.

Professor Allison is a nationally and internationally renowned materials scientist and a leading figure in Integrated Computational Materials Engineering (ICME), a field he helped pioneer. He was vice-chair of an influential National Academy report on ICME which contributed significantly to the genesis of the Materials Genome Initiative (MGI), a presidential initiative launched in 2011. He served as the director of the Center for Predictive Integrated Structural Materials Science (PRISMS Center) from its founding in 2012 until his retirement. He also served as the technology leader for inaugural ICME efforts within the Lightweight Innovation for Tomorrow (LIFT) manufacturing innovation consortia. In addition to his work in ICME, his areas of scholarship include the physical metallurgy of light metals, mechanical behavior of metals and applications of new metal alloys in industry. He has over 240 publications and 5 patents. He has advised or co-advised 16 Ph.D. students, 14 M.S. students and 18 post-doctoral fellows.

Professor Allison was the 2002 president of The Minerals, Metals and Materials Society (TMS), a fellow of TMS and ASM and a past member of the US National Materials Advisory Board. During his time at Ford, he received two Henry Ford Technology Awards. In 2011, he was elected to the U.S. National Academy of Engineering.

The Regents now salute this distinguished faculty member by naming **John Allison, William F. Hosford Collegiate Professor Emeritus of Materials Science and Engineering, professor emeritus of materials science and engineering, and professor emeritus of mechanical engineering.**

Requested by:

A handwritten signature in black ink, appearing to read 'Jon Kinsey', with a stylized, looping flourish at the end.

**Jon Kinsey**

Vice President and Secretary of the University

September 2026