

## THE UNIVERSITY OF MICHIGAN

### *Regents Communication*

#### ACTION REQUEST

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

**Erdogan Gulari, Ph.D.**, Donald L. Katz Collegiate Professor of Chemical Engineering and professor of chemical engineering in the College of Engineering, retired from active faculty status on May 31, 2021.

Professor Gulari earned his B.S. degree in chemical engineering from the American Robert College of Istanbul in 1969 and his Ph.D. degree from the California Institute of Technology in 1973. He joined the University of Michigan faculty as an assistant professor in 1978, was promoted to associate professor in 1982, and professor in 1985. He was named the Donald L. Katz Collegiate Professor of Chemical Engineering in 2003. He also served as a senior associate dean in the College of Engineering from 1986-93.

Professor Gulari's research interests focused on making "biochips" or DNA and peptide chips for gene expression, single nucleotide polymorphism detection, drug-protein interactions, and massively parallel polymerase-chain reaction (PCR)-based detection assays, which will speed up detection of genetic material (such as from a virus) by orders of magnitude. His patented technology allows for rapid diagnostic applications in the area of water and food safety as well as medical diagnostics, and was used by Gulari's company, Arbor Biosciences, to make rapid COVID-19 tests available in large quantities early in the pandemic. During his 43 years at U-M, Gulari collaborated extensively with colleagues at U-M and MSU.

Professor Gulari has received a number of awards, recognizing his research and service both in the department and in the College of Engineering (CoE), culminating in the prestigious Stephen S. Atwood Award for Excellence in Engineering (2005), the CoE's highest honor, recognizing a faculty member who has extraordinary achievement in teaching, research, service, and other activities. He also received the Chemical Engineer of the Year Award from the Detroit Chapter of the American Institute of Chemical Engineers in 1990, and the AT&T Foundation Award (for excellence as an engineering educator) from the American Society of Engineering Educators in 1989. Professor Gulari graduated 47 Ph.D. students, published over 220 refereed journal articles, co-founded three startup companies, and has eight patents.

The Regents now salute this distinguished faculty member by naming **Erdogan Gulari, Donald L. Katz Collegiate Professor Emeritus of Chemical Engineering and professor emeritus of chemical engineering**.

**Requested by:**

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**Sally J. Churchill, J.D.**  
**Vice President and Secretary of the University**

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