

# THE UNIVERSITY OF MICHIGAN

## *Regents Communication*

**Adopted by the  
Regents  
May 21, 2015**

### ACTION REQUEST

**Subject: Report of Faculty Retirement**

**Action Requested: Adoption of Retirement Memoir**

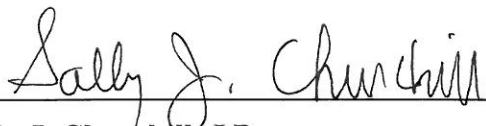
**Mary Anne Carroll, Sc.D.**, professor of atmospheric, oceanic, and space sciences, College of Engineering, and professor of earth and environmental sciences, College of Literature, Science, and the Arts, will retire from active faculty status on May 31, 2015.

Professor Carroll received her B.A. degree from the University of Massachusetts, Boston in 1978 and her Sc.D. degree from the Massachusetts Institute of Technology in 1983. She joined the University of Michigan faculty as an associate professor in 1992, and was promoted to professor in 2001.

Professor Carroll is a distinguished and internationally renowned scholar in the fields of atmospheric chemistry and atmosphere-biosphere interactions. Her work has explored instrument development and application for measuring natural and anthropogenic source contributions of chemical species, the study of reactive nitrogen species' photochemistry, the chemical and transport processes responsible for the formation of ozone and other oxidants, the oxidizing capacity of the troposphere, atmosphere-biosphere interactions with a focus on nitrogen and carbon cycling in forest ecosystems, and the impact of air pollutants on ecosystem processes and biogenic emissions. She established and served as the director of the Program for Research on Oxidants: Photochemistry, Emissions, and Transport. This collaborative and multi-university endeavor has produced a steady stream of seminal papers that have improved our understanding of natural and anthropogenic trace compounds in the environment. Professor Carroll served as chair or member of more than 30 national committees including the National Academy of Sciences' Board on Atmospheric Sciences and Climate Review Committee, the American Association for the Advancement of Sciences' Section on Atmospheric and Hydrospheric Sciences Electorate Nominating Committee, and the National Science Foundation's Atmospheric Science Facilities Assessment Committee.

The Regents now salute this distinguished faculty member by naming **Mary Anne Carroll, professor emerita of atmospheric, oceanic, and space sciences.**

**Requested by:**



**Sally J. Churchill, J.D.**

**Vice President and Secretary of the University**

**May 2015**