

THE UNIVERSITY OF MICHIGAN
Regents Communication

ACTION REQUEST

Subject: Report of Faculty Retirement

Action Requested: Adoption of Retirement Memoir

Stephen W. Bougher, Ph.D., Andrew F. Nagy Collegiate Research Professor and research professor, climate and space sciences and engineering in the College of Engineering, retired from active faculty status on June 30, 2022.

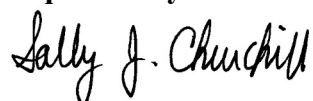
Professor Bougher received his B.A. degree from Northwestern University in 1977, his M.S. degree from the University of Colorado in 1980, and his Ph.D. degree from the University of Michigan in 1985. He spent his early career at the National Center for Atmospheric Research (NCAR) as a postdoctoral fellow developing planetary upper atmosphere climate models. He later joined the Lunar and Planetary Laboratory at the University of Arizona as an associate/assistant research scientist supporting NASA planetary missions to Venus and Mars. Professor Bougher joined the University of Michigan faculty as a senior research scientist in 2002. His title was changed to research professor in 2003. He was awarded the Andrew F. Nagy Collegiate Research Professorship in 2009.

Professor Bougher's research focused on planetary upper atmospheres within our solar system. He has greatly advanced our knowledge of the upper atmospheres of Venus and Mars making use of both NASA mission datasets, as well as three-dimensional numerical model simulations. He is the foremost expert on the chemistry, energetics, and dynamics of the upper atmospheres of Venus and Mars. He has significantly contributed to the mission of NASA's Mars Exploration Program. This has culminated in his recent participation as a co-investigator and interdisciplinary scientist for the NASA MAVEN mission. Professor Bougher's research is captured in nearly 160+ publications in refereed journals and he has given countless presentations at national and international scientific meetings.

Professor Bougher is an appointee to the major advisory committees of NASA and the National Research Council. He is the recipient of numerous awards, including the Office of the Vice President of Research's Outstanding Research Achievement Award and the College of Engineering's Outstanding Research Scientist Award. He was awarded NASA's Group Achievement Award for both the NASA MRO and MAVEN Mission Science Teams.

The Regents now salute this distinguished faculty member by naming **Stephen W. Bougher, Andrew F. Nagy Collegiate Research Professor Emeritus and research professor emeritus, climate and space sciences and engineering.**

Requested by:



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

June 2022