

Adopted by the Regents
May 16, 2013

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

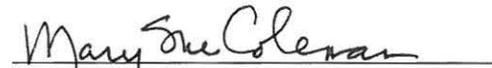
Item for Information

Subject: Henry Russel Lecturer for 2014

I am pleased to inform you that the Russel Awards Faculty Advisory Committee, chaired by Dean Janet A. Weiss, has selected Fawwaz Ulaby, Emmet Leith Distinguished University Professor of Electrical Engineering and Computer Science, Arthur F. Thurnau Professor and Professor of Electrical Engineering and Computer Science, College of Engineering, as the Henry Russel Lecturer for 2013. The Russel Lecture will be delivered by Professor Ulaby in the spring of 2014.

The Henry Russel Lectureship is the highest honor that the University bestows upon a senior member of its faculty. A description of the contributions of this extraordinary faculty member is attached.

Respectfully submitted:


Mary Sue Coleman
President

May 2013

Attachment

Fawwaz Ulaby

Professor Ulaby received his Ph.D. in Electrical Engineering from the University of Texas at Austin in 1968, after earning his B.S. degree in physics in 1964 from the American University of Beirut. Prior to joining the faculty at the University of Michigan in 1984, Professor Ulaby held appointments in electrical engineering and electrical and computer engineering at the University of Kansas, Lawrence where he became the J. L. Constant Distinguished Professor of Electrical Engineering in 1980. From 2008-2009 Professor Ulaby served as the Provost and Executive Vice President for the King Abdullah University of Science and Technology.

Professor Ulaby is acknowledged nationally and internationally for his accomplishments in applied electromagnetics. Over the years the focus of his research has included, among others, millimeter-wave circuits, remote sensing, computational electromagnetics, advanced electromagnetic materials for microwave applications and space plasma electro-dynamics. Specific examples of his acclaimed research include numerous interdisciplinary projects aimed at the development of high-resolution satellite radar sensors for mapping Earth's terrestrial environment, and the development of microelectronic devices and circuits that operate at wavelengths intermediate between the infrared and the microwave regions of the electromagnetic spectrum.

His achievements in research are reflected in his record of scholarship. Professor Ulaby has published 15 books, most of them translated into Chinese, Korean, Portuguese and other languages, and more than 700 papers and other scientific publications. Similarly, his record of secured research funding testifies to the value of his research—over six million dollars in this century alone. Professor Ulaby's talents have made him a sought-after consultant for the National Aeronautics and Space Administration the U.S. Air Force, Raytheon, Martin Marietta Corporation and the European Space Agency, among many others.

Professor Ulaby's notable achievements include his contributions to undergraduate as well as graduate education at the university. Over his academic career, he has supervised 115 highly motivated and talented M.S. and Ph.D. students, and taught a wide variety of courses from first year introductory classes to innovative research topics. His student evaluations are consistently among the highest and in 2006 he was selected as professor of the year by Eta Kappa Nu, the honorary undergraduate student society.

His distinguished accomplishments have been recognized by many awards and honors. He is a Fellow of the American Association for the Advancement of Science, a recipient of the Pecora Award from the Department of the Interior, the Arab Thought Foundation Award, and was named a Life Fellow by the Institute of Electrical and Electronics Engineers.