

## Robert F. Savinell

**Robert F. Savinell**  
**Distinguished University Professor**  
**George S. Dively Prof. of Engineering**  
**Dept. of Chemical Engineering**  
**Case Western Reserve University**



Professor Savinell's research is directed at applied electrochemistry and electrochemical engineering. He has carried out modeling and experimental studies on various types of batteries, fuel cells, and electrochemical separation and synthesis devices.

He studies the dynamics of electrode processes and addresses performance issues of single cells and multi-cell reactors. Technologies of current interests include fuel cells for energy conversion and flow batteries for large scale energy storage for grid and renewable energy applications.

Professor Savinell was one of the first National Science Foundation Presidential Young Investigator Award recipients. He was Director of the Ernest B. Yeager Center for Electrochemical Sciences from 1991-2000. He was elected as a Fellow of the Electrochemical Society in 2001, Fellow of the American Institute of Chemical Engineers in 2005, and Fellow of the International Society of Electrochemistry in 2013. He served as Dean of the Case School of Engineering from 2000 to 2007.

In January 2007, Dr. Savinell chose to return to the faculty rank to pursue his research and teaching interests. His 2007-2008 sabbatical year was at MIT as a visiting Professor of Mechanical Engineering. He serves as tech-

nical committees chair and board member of the Great Lakes Energy Institute, and is Editor of the Journal of the Electrochemical Society. In 2013, Case Western Reserve University awarded him the title Distinguished University Professor, the University's highest recognition given to a faculty member.