

# Exhibit A



**Dr. Ralph E. White**

January 2021

Professor, Chemical Engineering  
Birth date: November 6, 1942  
Citizenship: U.S.  
Birthplace: Clovis, New Mexico  
Security Clearance: None  
Number of Children: 4

**Address:**

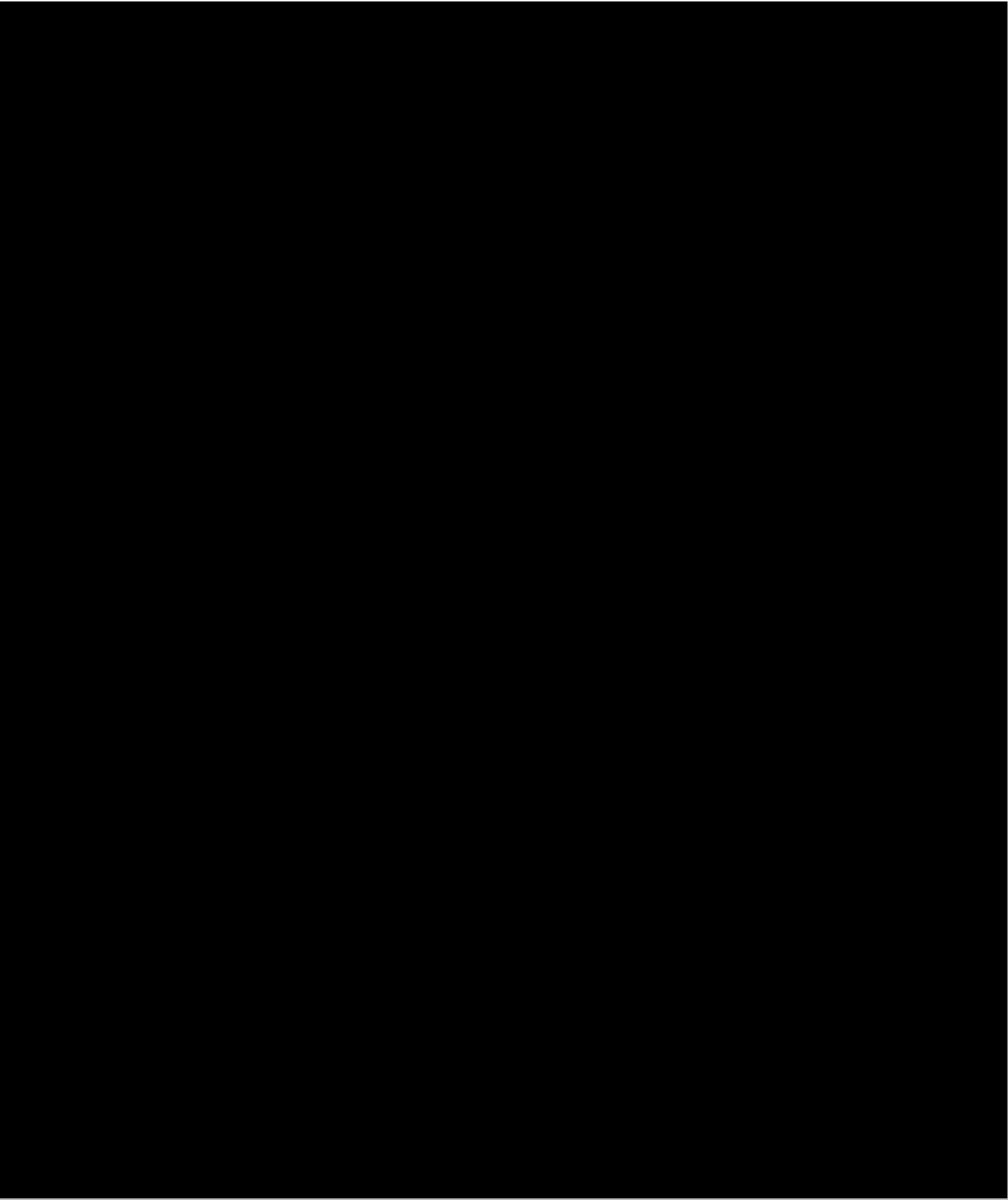
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Research Interests: Electrochemical Systems, Mathematical Modeling, Batteries, Corrosion,  
& Electrodeposition

**EDUCATION**

B.S., Engineering, University of South Carolina, 1971  
M.S., Chemical Engineering, University of California at Berkeley, 1973 (Advisor – Robert P. Merrill)  
Ph.D., Chemical Engineering, University of California at Berkeley, 1977 (Advisor – John S. Newman)

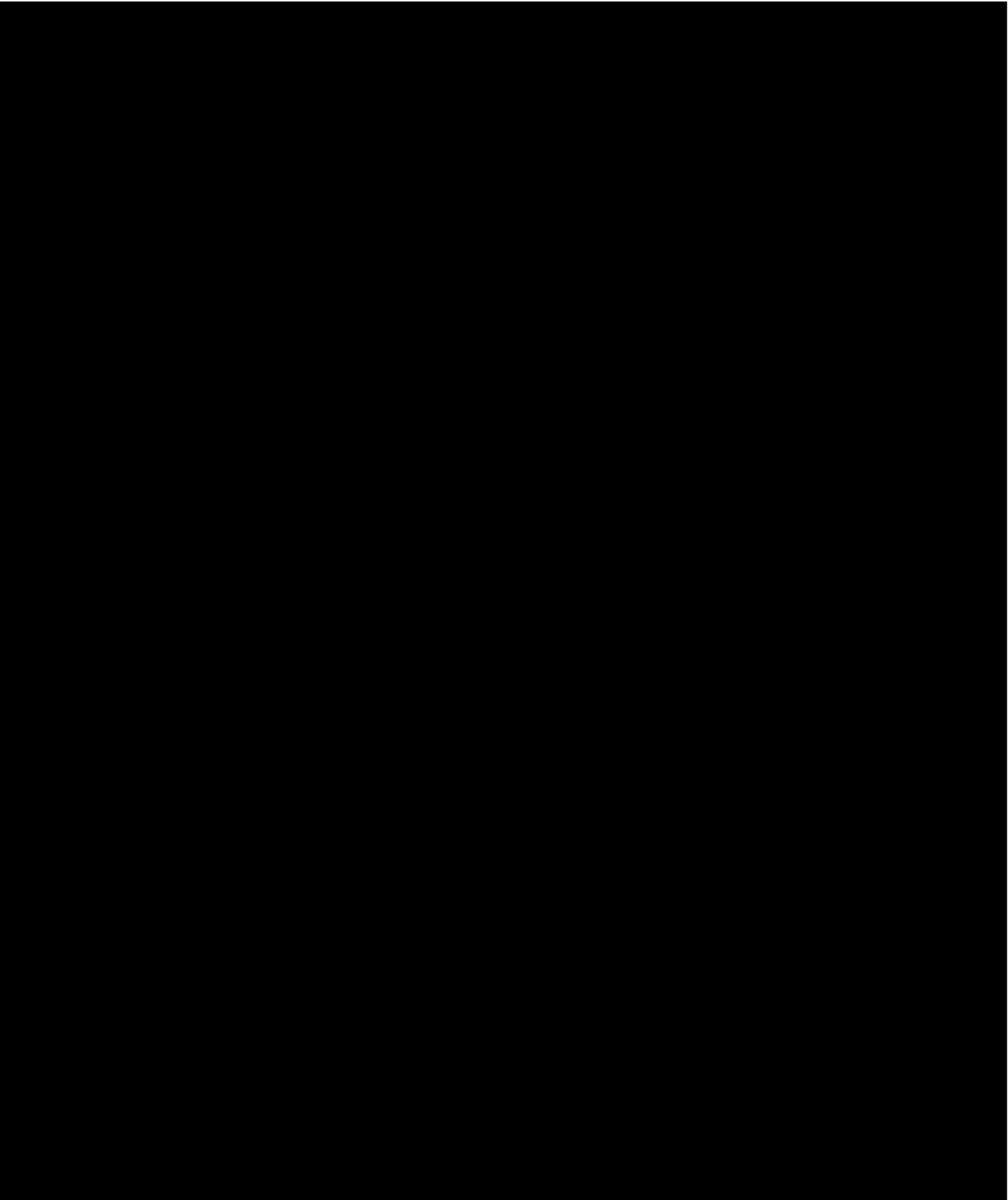
**EXPERIENCE**



Tau Beta Pi Spencer Fellow No. 16, 1971–1972  
 Halliburton Education Foundation Award of Excellence, 1987  
 Texas Engineering Experiment Station Senior Fellow, 1989–1992  
 Best Applied Paper for 1989, AIChE South Texas Section, paper entitled “Estimation of Electrode Kinetic Parameters of the Lithium/Thionyl Chloride Cell Using a Mathematical Model,” by T. I. Evans and R. E. White  
 Best Paper of the Conference, “An Electrochemically Based Performance Model of a Nickel-Cadmium Battery Cell,” by D. Fan and R. White, Fifth Annual Battery Conference on Applications and Advances, Long Beach, California, January 16–18, 1990  
 Texas A&M University Association of Former Students Distinguished Achievement Award for Research, 1990  
 E. H. Brockett Professor of Chemical Engineering, 1990  
 Battery Division Research Award, The Electrochemical Society, Inc., 1991  
 Electrodeposition Division Research Award, The Electrochemical Society, Inc., 1992  
*Journal of the American Electroplaters and Surface Finishers Society*, “Silver Medal Award, Best Paper in '93” award for paper entitled “Characterization of Amorphous Ni-Cr-P Electrodeposits” by Terry R. Guilinger, James E. Voytko, Ralph E. White, and Ken-Ming Yin  
 Member of the Advisory Board of the *Journal of Applied Electrochemistry*  
 College of Engineering Research Award, University of South Carolina, Spring, 1998  
 Fellow, The Electrochemical Society, Inc., 1999.  
 Scientific Achievement Award, American Electroplaters and Surface Finishers Society, 1999  
 2004 Palmetto Pillar Award for Technology in Education, Columbia Chamber of Commerce  
 Fellow, American Institute for Chemical Engineers, 2011  
 Russell Research Award for Science, Mathematics, and Engineering, University of South Carolina, 2011  
 NASA Engineering and Safety Center, Group Achievement Award to Wilkinson Microwave Anisotropy Probe Battery Operations Problem Resolution Team, 2012  
 NASA Engineering and Safety Center, Group Achievement Award to NASA Lithium Ion Thermal Runaway Assessment Team, 2013  
 Fellow, American Association for the Advancement of Science (AAAS), 2013  
 Olin Palladium Award, The Electrochemical Society, 2013  
 Vittorio de Nora Award, The Electrochemical Society, 2016  
 Henry B. Linford Award, The Electrochemical Society, 2018

#### Student Awards by The Electrochemical Society

Tom Evans, 1987 Student Research Award of the Battery Division  
 Jenn-Feng Yan, 1994 Morris Cohen Graduate Student Award of the Corrosion Division  
 Pauline De Vidts, 1994 Student Research Award of the Battery Division  
 Venkat Subramanian, 2001 Student Research Award of the Battery Division  
 Venkat Subramanian, 2002 IE&EE Division Student Achievement Winner  
 Parthasarathy Gomadam, 2003 IE&EE Division Student Achievement Winner



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