

Prof. Andrew A. Gewirth
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Short Biography

Professor Andrew A. Gewirth received his A.B. from Princeton University in 1981 and his Ph.D. from Stanford University in 1987. He joined the Illinois faculty in 1988 after postdoctoral work at the University of Texas, Austin. A former Director of the School of Chemical Sciences at the University of Illinois, Professor Gewirth has received a number of awards, among them a Presidential Young Investigator Award and the Department of Energy Outstanding Accomplishment Award in Materials Chemistry

Gewirth's work addresses chemistry at interfaces, especially the solid-liquid interface in studies relevant to fuel cells, batteries, and other energy related devices. Gewirth uses advanced characterization techniques to examine the mechanism of interfacial electrochemical reactions, and uses the resultant understanding to design new materials and catalysts. He has authored over 210 papers, delivered over 200 invited talks, organized several conferences, chaired a US Department of Energy panel examining the future of electrical energy storage devices, and served as the University of Illinois lead for the Center for Electrical Energy Storage EFRC.

