

# Fernando Garzon, Prof. ChE, UNM/Sandia National Lab



- My main goal is to develop solid electrolytes and catalyst systems for electrochemical ammonia production and fuel cells
- Design technical approaches to chemical energy storage through ammonia synthesis
- Demonstrate electrochemical synthesis of ammonia on pilot scale
- Develop catalysts for efficient ammonia electro-oxidation

Joint appointment as a UNM Professor of Chemical and Biological Engineering and a Faculty Research Scientist at Sandia National Laboratory

30+ years experience in Electrochemical Sciences and Technology: Fuel cells, Electrolysis, Batteries, Sensors Fellow and Past President of the Electrochemical Society, Member: ECS, ISE, MRS, ACerS, AAAS

- Electrochemical synthesis of fuels from electricity and abundant feed stocks
- Improve performance and durability of fuel cells
- Develop research program to further technology

