

**Francis Joseph DiSalvo Jr.**  
**Department of Chemistry**  
**Cornell University**  
**Ithaca, NY 14853**

**tel. (607) 255-7238**  
**FAX (607) 255-4137**  
**email: fjd3@cornell.edu**

**WEB: <http://www.chem.cornell.edu/faculty/index.asp?fac=25>**

**Education:** BS, Physics, 1966, MIT  
PhD, Applied Physics, 1971 Stanford University

**Professional Experience:**

2007 - Director, Cornell Center for a Sustainable Future  
2004 - Co-Director, Center for Future Energy Systems, NY CAT  
2003 - Co-Director, Cornell Fuel Cell Institute  
2000-2005 Director, Cornell Center for Materials Research  
1996 - John A. Newman Professor of Physical Science  
1986-1996 Professor of Chemistry, Cornell University  
1983-1986 Head, Solid State and Physics of Materials  
Research Dept., AT&T Bell Labs, Murray Hill, NJ  
1981-1983 Head, Solid State Chemistry Research Dept.,  
AT&T Bell Labs  
1978-1981 Research Head, Chemical Physics Research Dept.,  
AT&T Bell Labs  
1971-1978 Member of Technical Staff, AT&T Bell Labs

**Areas of Primary Scientific Interest:**

Intermetallic Compounds; Fuel Cells; Cluster Compounds; Nitride  
Compounds; Thermoelectric Materials; Solid State Chalcogenides;  
Electrical and Magnetic Properties; High Energy Density Battery  
Materials; Superconductivity; Intercalation Reactions

**Organizations and Honors:**

Member of the National Academy of Sciences  
Fellow of the American Academy of Arts and Sciences  
Fellow of the American Physical Society and Materials Research Society  
APS International Prize for New Materials, 1991  
Member of the American Chemical Society  
NSF Traineeship, 1966-1970

**Recent Professional Activities:**

Basic Energy Science Advisory Committee (BESAC) at DOE, 2005 -  
Council on Materials Sciences, DOE, 1999-2004  
Solid State Sciences Committee, NRC, 2000-2004  
NRC Panel on Assessment and Outlook of the NSF MRSEC Program, 2005 -  
NRC Committee on Midsized Facilities, 2002-2004  
Board of Trustees of the Gordon Research Conference, (1994-1999),  
Chairman of the Board, 1997  
Numerous Professional and Government Agency Committees

**Publications and Patents:** 450+ papers published in collaboration with  
many talented colleagues and 11 patents/pending

5/27/09