

**Education and Professional Development Council (formerly N.I.C.E.)**  
**Arthur L. Friedberg Memorial Lecture**  
**History of Awardees**

<b>Year</b>	<b>Name</b>	<b>Lecture Title</b>
<b>2019</b>	Kathleen Richardson	Redefining material design paradigms for next generation optical material
<b>2018</b>	Jennifer Lewis	Digital Assembly of Colloidal Suspensions, Gels and Foams
<b>2017</b>	Rosario A. Gerhardt	Structure-property-processing relationships in composite materials
<b>2016</b>	Aldo Boccaccini	Bioactive Glasses in Soft Tissue Repair: What do we know so far?
<b>2015</b>	Arun Varshneya	Principles of glass chemical strengthening science and technology
<b>2014</b>	John Ballato	Rethinking Optical Fiber: New Demands, Old Glasses
<b>2013</b>	Greg Hilmas	Engineered Structural Ceramic Materials: Novel Methods for Increasing Toughness, Wear Resistance and Thermal Shock
<b>2012</b>	Manoj Choudhary	Modeling of Transport Phenomena in the Glass Industry: Some Illustrations
<b>2011</b>	Clive Randall	Processing Dielectric Oxides - New Opportunities and Challenges
<b>2010</b>	Louis J. Trostel Jr.	Some Ceramic Engineering Solutions to Refractory Application Problems
<b>2009</b>	Gary Fischman	Ceramics in a 21 <sup>st</sup> Century Materials World
<b>2008</b>	Harlan Anderson	Hunting the Perovskite Range
<b>2007</b>	David W. Richerson	Materials Science and Engineering: A Rewarding Career
<b>2006</b>	Edward Boulos	Flat Glass Manufacturing and Trends in Automotive Glazing
<b>2005</b>	Bonnie J. Dunbar	Development of the space Shuttle Thermal Protection System (TPS) and Challenges for Orbital Repair
<b>2004</b>	Daniel Leiser	Space Shuttle Tile Thermal Protections System History and Improvements
<b>2003</b>	George Wicks	Ceramics in the Nuclear Field-Nuclear Waste Glasses for Containment of Highly Radioactive Wastes
<b>2002</b>	James McCauley	
<b>2001</b>	Richard Tressler	
<b>2000</b>	David E. Clark	
<b>1999</b>	Robert Eagan	
<b>1998</b>	Delbert E. Day	
<b>1997</b>	Warren W. Wolf	
<b>1996</b>	Gene H. Haertling	
<b>1995</b>	Suzanne R. Nagel	

<b>1994</b>	Richard C. Bradt
<b>1993</b>	Rao R. Tummala
<b>1992</b>	Charles R. Kurkjian
<b>1991</b>	H. Kent Bowen
<b>1990</b>	William R. Prindle
<b>1989</b>	John B. Wachtman, Jr.
<b>1988</b>	Harold G. Sowman
<b>1987</b>	Joe Pask
<b>1986</b>	Clif Bergeron