



# Nelson Lecture

Department of Chemistry

University of Miami



## Buckyball Maracas: Electrochemistry and Reactivity of Trimetallic Nitride Endohedral Fullerenes &

## Funding Opportunities and Procedures in the Chemistry Division at the NSF

Dr. Luis Echegoyen is Professor of Physical Chemistry in the Department of Chemistry at Clemson University, in South Carolina, and also serves as the Director of the Division of Chemistry at NSF. He has published numerous research papers and books, and is the author or co-author of over 300 research articles. Born in Cuba, Prof. Echegoyen was educated at the University of Puerto Rico in Rio Piedras where he completed both his B.Sc. and Ph.D. in 1971 and 1974, respectively. Following a one-year postdoctoral stay at University of Wisconsin-Madison, he took up the position of Chemist, at Union Carbide Corporation. In 1977 he began his teaching and research career as an Assistant Professor at the University of Puerto Rico. In 1980 he was promoted to the rank of Associate Professor and in 1982 moved to the University of Maryland, College Park, as an Adjunct Associate Professor while acting as a Program Officer in the Chemical Dynamics Program, at the National Science Foundation, in Washington, D.C. In 1983, he joined the University of Miami, Coral Gables, Florida, as an Associate Professor and in 1987 was promoted to Professor of Chemistry. During his stay at the University of Miami, Prof. Echegoyen was also a Member of the Chemistry Advisory Committee for the NSF (1986-1989). In 2002 Prof. Echegoyen was appointed as Chair of the Chemistry Department at Clemson University where he is currently, as Professor of Chemistry. In 2006 he was selected to serve as Director of the Chemistry Division at the National Science Foundation. Prof. Echegoyen's current research interests include fullerene chemistry, electrochemistry and supramolecular chemistry, with special emphasis on molecular electronics and endohedral fullerenes.

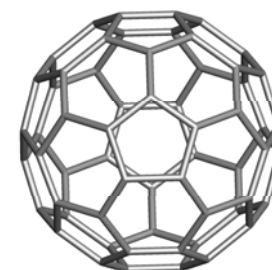
By  
**Luis Echegoyen**



**Clemson University  
and  
National Science Foundation**

**Friday, February 13, 2009  
Cox Science Building, Room 318  
2:30 – 4:30 pm**

*Reception at 3:30 pm  
All are welcome to attend*



### The Nelson Lecture Series

The Nelson Lectures were established in 2009 as a result of a generous gift by Dr. Jimmie R. Nelson. Dr. Nelson graduated from the University of Miami in 1959 with a bachelor's degree in chemistry. After receiving a medical degree from Tulane University in 1963, he did an internship in Wichita, Kansas and then worked as a general practitioner in Hubbard, Texas for 4 years. He then continued on and did his residency in radiology at Louisiana's Ochsner Clinic and began work at Terrebonne General Medical Center in Houma, Louisiana, where he remained until he retired. Dr. Nelson who passed away in 2007 at age 72, believed that higher education is not a means to an end but rather the basis of a lifelong journey, and because "he enjoyed the time he spent at UM studying chemistry he wanted to give other students the same opportunities he had." This lecture series is a fitting tribute to Dr. Nelson who found chemistry to be his favorite subject and always "loved to learn". The first lecture of this series is presented by Prof. Luis Echegoyen, a distinguished faculty alumni of our department.