



L. Echegoyen

The author presented on this page has recently published his **10th article** since 2000 in *Angewandte Chemie*: “Chemical, Electrochemical, and Structural Properties of Endohedral Metallofullerenes”: M. N. Chaur, F. Melin, A. L. Ortiz, L. Echegoyen, *Angew. Chem.* **2009**, 121, 7650–7675; *Angew. Chem. Int. Ed.* **2009**, 48, 7514–7538.



L. Echegoyen has been featured on the Cover of *Angewandte Chemie*: “Retro-Cycloaddition Reaction of Pyrrolidinofullerenes”: N. Martín, M. Altale, S. Filippone, A. Martín-Domenech, L. Echegoyen, C. M. Cardona, *Angew. Chem.* **2006**, 118, 116–120; *Angew. Chem. Int. Ed.* **2006**, 45, 110–114.

Luis Echegoyen

Date of birth:	January 17 th , 1951
Position:	Professor of Chemistry (Clemson University, USA) and Division Director (Chemistry, National Science Foundation)
Education:	1968–1971 BS in Chemistry, University of Puerto Rico, Rio Piedras Campus (Puerto Rico) 1971–1974 PhD with Gerald Stevenson “Thermodynamic Parameters Controlling the Stability of Anion Radicals in Solution”, University of Puerto Rico, Rio Piedras Campus 1974–1975 Postdoc with Stephen Nelsen, University of Wisconsin, Madison (USA)
Professional associations:	ACS, Fellow of AAAS, ECS, Member and Fellow of IUPAC
Awards:	1996 Florida ACS Award; 1997 University of Miami Provost’s Scholarly Activity Award; 2004 Achievement in The Sciences Award, Clemson University; 2007 Alumni Research Award, Clemson University; 2007 Herty Medal
Current research interests:	Chemical and electrochemical properties of fullerenes, endohedral fullerenes, multilayer fullerenes, and other carbon materials; Supramolecular chemistry; Molecular electronics; Organic photovoltaics
Hobbies:	Hiking and fishing

I chose chemistry as a career because ... I could make things that did not exist.

If I wasn’t a scientist, I would be ... a writer.

My favorite subject at school was ... science.

When I was eighteen I wanted to be ... a scientist.

When I wake up I ... wonder where I am.

The three things I would take to a desert island would be ... a fishing rod, a knife, and my wife.

My biggest inspiration is ... my father.

My biggest motivation is ... to discover something truly significant that makes a difference.

The secret of being a successful scientist is ... to follow your instincts and persevere.

In ten years time I will be ... somewhere else.

The best advice I have ever been given is ... never say never.

The part of my job which I enjoy the most is ... motivating and mentoring young people.

My favorite food is ... Ropa Vieja (a Cuban dish).

My favorite book is ... “The Catcher in the Rye” by J. D. Salinger.

My worst habit is ... hanging on to bad ideas for far too long.

My 5 top papers:

1. “Electrochemical Switching of Lariat Ethers: Enhanced Cation Binding by One- and Two-electron Reduction of an Anthraquinone Sidearm”: L. Echegoyen, D. A. Gustowski, V. J. Gatto, G. W. Gokel, *J. Chem. Soc. Chem. Commun.* **1986**, 220–222.
2. “Electrochemical Detection of C_{60}^{6-} and C_{70}^{6-} : Enhanced Stability of Fullerides in Solution”: Q. Xie, E. Pérez-Cordero, L. Echegoyen, *J. Am. Chem. Soc.* **1992**, 114, 3978–3979.
3. “X-ray Structure of $[Ru(bpy)_3]^{0+}$: An Expanded Atom or a New Electride?”: E. E. Pérez-Cordero, C. Campana, L. Echegoyen, *Angew. Chem.* **1997**, 109, 85–88; *Angew. Chem. Int. Ed. Engl.* **1997**, 36, 137–140.
4. “Preparation of Enantiomerically Pure C_{76} with a General Method for the Removal of Di(alkoxycarbonyl)methano Bridges from Methanofullerenes: The Retro-Bingel Reaction”: R. Kessinger, J. Crassous, A. Herrmann, M. Rüttiman, L. Echegoyen, F. Diederich, *Angew. Chem.* **1998**, 110, 2022–2025; *Angew. Chem. Int. Ed.* **1998**, 37, 1919–1922.
5. “The Large $Nd_3N@C_{2n}$ ($40 \leq n \leq 49$) Cluster Fullerene Family: Preferential Templating of a C_{88} Cage by a Trimetallic Nitride Cluster”: F. Melin, M. N. Chaur, S. Engmann, B. Elliott, A. Kumbhar, A. J. Athans, L. Echegoyen, *Angew. Chem.* **2007**, 119, 9190–9193; *Angew. Chem. Int. Ed.* **2007**, 46, 9032–9035.

DOI: 10.1002/anie.200906177