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Distance Learning and Internet Conference 2003
@ the National University of Singapore**

Conference website: <http://www.cit.nus.edu.sg/dli2003>

Presenter: Dr Jaime Sánchez

Biography

Jaime Sánchez was born in February 17, 1958 at Santiago de Chile. He started his biology studies at the Catholic University of Chile in 1975, finishing in July of 1978 as Biology Educator, and obtaining the award to the best student of his class. He pursued Master of Arts (1983), Master of Science (1984), and Ph.D.(1985) degrees at Columbia University, New York, USA. His doctoral dissertation was related to cognition, learning theories, and informatics in education. These studies were possible due to a national scholarship (M.A. and MSc.) and several scholarships from the Columbia University (Ph.D.). He ended his doctorate as the most outstanding student (A average) in his class and major (informatics and education). The results of the thesis generated journal and conference papers. After that, he held a joined post-doctoral fellowship(1987) at Cornell University (Metacognition), Columbia University (Informatics and Education), and the Media Lab at MIT.

He joined very early the Faculty of Biological Sciences of Catholic University of Chile, working in diverse biology research laboratories as Research and Teaching Assistant, and Instructor such as Botany(1975), Reproduction and Development(1976), Cytology(1977).

While studying his doctorate he got a position as Adjunct Lecturer at The City University of New York(1985). From then, he has been researcher and professor in Chile, in the University "Arturo Prat" 1986-1987) and University of Antofagasta (1998-1993). There he was the Director of Postgraduate Studies, Department Chairman and Director of the Educational Computing Center, besides to his teaching and research duties.

In 1994 he joined the Department of Computer Science at the University of Chile. His work has been in the areas of Informatics, Education, and Cognition. He has introduced several new courses on technology such as the "Multimedia Workshop", "Multimedia System Design", "Advanced Topics on Human-Computer Interaction", "Usability Testing", and "Informatics and Education". He has been

involved in research in the areas of Informatics and Education, Human-Computer Interaction, Educational Software, Multimedia/Hypermedia, and Computer Educational Games. Under his guidance several students has obtained engineering or M.Sc. degree in computer science and Informatics and Education. He has obtained several research grants from the National Research Council (CONICYT), UNESCO, NSF, private institutions and the Ibero American Program on Science and Technology for the Development (CYTED), Spain, closely working with researchers in Argentina, Brazil, Spain, Portugal, Paraguay, and Colombia. He has been Visiting Professor or Invited Speaker in several countries around the world such as Argentina, Brazil, Paraguay, Uruguay, Venezuela, Costa Rica, Mexico, USA, Colombia, Peru, Bolivia, Spain, Portugal, Nicaragua, Panama, Ecuador, Dominican Republic, France, Japan, Belgium, Canada, Sweden, and UK. He has been referee of journals, conferences, etc. He is member of The New York Academy of Sciences, The American Association for the Advancement of Science, Sigma XI, Delta Kappa Pi, American Association for Research in Science Teaching, Association for Computers in Mathematics and Science Teaching, The Chilean Scientific Society, The World Future Society, The Chilean Computer Science Society, and The Association for the Advancement of Computing in Education.

He has obtained biographical cites the in Who's Who in Science Education Around the World, Marquis Who's Who in the World, 48th, 49th editions, Who's Who in the World, 14th edition. Two of his research projects ended up with the production of the first educational multimedia software produced in Chile: Gameto and the Second Gameto. These software have been used in diverse Latin American Countries. Recently, Dr. Sánchez has obtained two European Awards, The Stockholm Challenge Award 2000 given by the European Commission and the City of Stockholm, and the Global junior Challenge 2000, given by the European Commission and the City of Rome. Both awards were given due to his pioneer research work since 1995 on 3D sound interfaces to develop the cognition of blind children.

In addition, Jaime Sánchez has published diverse papers in national and international journals, in the areas of computing, education, biology, and cognition. He has presented diverse conference papers in Latin America, USA, Canada, Europe, and Asia. He has been author of several books such as "Science and Technology", University of Antofagasta Press, "Informatics and Education", University Press (1993), and "Visible Learning, Invisible Technology", Dolmen Editions (2001). The last two are the first books published in this area in Chile and used widely in Latin

America.

In 1992 he was appointed by The National Research Council the as the National Coordinator of the Ibero American Network on Informatics and Education, position being held up to now. Since 1995 he has joined the National Project on Informatics and Education, Enlaces, as the Director of the branch placed on the Department of Computer Science, University of Chile.

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