

For ACCE Executive Officers \* or Member of Board of Director\*\*

CV

*NAME* Yanxu LI



*Picture* (See picture included on the right)

*Year of birth:* 1974

*Academic record:*

- PhD Candidate, Materials Science and Engineering 2003-Present  
McMaster University, Hamilton ON
- Candidate, M.A.SC., Materials Science and Engineering 2000-2002  
McMaster University, Hamilton ON
- M.S., Laboratory of Marine Corrosion and Protection 1996-1999  
Institute of Oceanology, Chinese Academy of Sciences, Qingdao China
- B.S., Department of Chemistry, Tongji University 1991-1996  
Shanghai, China (5 years program)

*Honors:*

No significant honors received

*Professional positions* (for past 10 years if any):

No significant professional positions have been taken in the past, except that I have been involved in a few corrosion research fields as a student:

- Corrosion of stainless steel in concentrated sulphuric acid (PhD thesis is part of the NSERC project “Development of Improved Materials for Sulphuric Acid Production”)
- Investigation on corrosion and corrosion control of steels and zinc/aluminum coatings for oil platforms in marine environment in China (Master of Science thesis project)

*Service in ACCE:*

Member since July 2007. Participated in the ACCE delegation meeting with the Taiwan Corrosion Society and Chinese Society for Corrosion and Protection in September 2006 in Beijing at the 16<sup>th</sup> ICC Conference

***Other Professional Organizations' Member:***

- NACE International  
2001-2005, Student Member  
2002, NACE Student Paper Session at University of Toronto (with a presentation)
- ASM International  
2004, ASM Materials Camp Canada (as an assistant Mentor)  
2004, ASM Ontario Chapter Poster Night (with a poster presentation)  
2003, Annual Education Night of ASM International Ontario Chapter (with a poster presentation)

***Related activities:***

Papers and Proceedings

1. Yanxu Li, M.B. , K.S. Coley,\*Ives Corrosion Potential Oscillation of Stainless Steel in Concentrated Sulphuric Acid: I. Electrochemical Aspects. Accepted by Corrosion Science on August 2nd, 2005 for publication
2. Yanxu Li, M.B. Ives, K.S. Coley, J.R. Rodda, Corrosion of nickel-containing stainless steel in concentrated sulphuric acid. Corrosion Science, 46 (2004) 1969
3. Yanxu Li, M.B. Ives, K.S. Coley, Corrosion of 304L Steel in Concentrated Sulphuric Acid, ICC International Corrosion Congress, Beijing (China), 2005
4. M.B. Ives, Y. Li, K.S. Coley, Passivity of Nickel-Containing Stainless Steels in Concentrated Sulphuric Acid, Passivity 9, Paris (France), 2005

Presentations

1. Yanxu Li, M.B. Ives, K.S. Coley, Corrosion of 304L Steel in Concentrated Sulphuric Acid, ICC International Corrosion Congress, Beijing (China), 2005

## **Candidate's statement**

If I were elected ACCE board of director, I would pursue most of the objectives that I have actively pursued in various capacities during the past one year of service to this organization. As a board of director (any elected position), I would use the power of the office to establish a more close relationship of ACCE with the Chinese corrosion researchers and industry in China. To achieve such a target, I have the following suggestion to ACCE:

As for the ACCE participation in the corrosion research in China, I do not feel that we can contribute much to the research directly at the moment. By any means, ACCE is not strong enough to make any commitment. My personal suggestion to ACCE in such an involvement is that ACCE can contact the Chinese corrosion society to coordinate in one or two summer camps or training courses in China every year. The topics of the training maybe about the corrosion researches in abroad, education system in corrosion, presentation and writing skills in English for corrosion researchers and etc.. I feel necessary to introduce something related to these topics because the students in China need to get more experience in these fields.

It's easy to do the camps in China than in the other countries. First of all, It costs less in China. Second, it is more operational in China. The Chinese corrosion society can assist most of the organization work. The ACCE just needs to work out a program outline and pick up a few volunteers for each topic.

For further details, please visit my website at:

<http://www.mcmaster.ca/gsa/Yanxu/index.htm>

Questions and comments can be sent to my e-mail address: [liy8@mcmaster.ca](mailto:liy8@mcmaster.ca) and contact me at phone.

\*: *one year term, can be VP (will be President in the following year), Secretary, or Treasurer.*

\*\*: *three years term.*