

CURRICULUM VITAE

CHING-HUA LO

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PERSONAL DATA

Date and place of birth: Dec. 28, 1956, Taiwan
Marital status: married
Citizenship: Taiwan

EDUCATION

1988 - 1990 Doctor of Philosophy, Princeton University, New Jersey, USA
1978 - 1981 Master of Science, National Taiwan University, Taiwan
1974 - 1978 Bachelor of Science in Geology, National Taiwan University, Taiwan

RESEARCH INTEREST

Application of radiogenic isotope (^{40}Ar - ^{39}Ar) geochronology, mass spectrometry, and principles of mathematics, physics, and chemistry to fundamental problems in geology. Numerical modeling of diffusion and mass transport in open systems. Mineralogy, crystallography and transmission electron microscopy of geochronologically-important minerals. Application of petrology and geochronology to problems in tectonic processes.

ACADEMIC AWARDS AND DISTINCTIONS

2006-2008 Chair professor, National Taiwan University
2006-2008 Distinguished Research Fellow, National Science Council, Taiwan
2006 Distinguished Professor, National Taiwan University, Taiwan
2003 Academic Award in Natural Sciences, Ministry of Education, Taiwan
2003-2005 National Chair Professor, Ministry of Education, Taiwan
1998-1999, 2000-2001, 2003-2006 Outstanding Researcher Award, National Science Council, Taiwan
2002 Elected Fellow of the Mineralogical Society of America, USA
2001 Elected Fellow of the Geological Society of America, USA
1997 Contribution Medal awarded by the National Center for Natural Science and Technology, Vietnam
1994 Best Young Scientist Award of the Geological Society of China, Taiwan

PROFESSIONAL EXPERIENCE

2005 - present Dean, College of Science, National Taiwan University
2003 - present Professor (Adjunct), Institute of Astrophysics, National Taiwan University

- 1995 - present Professor, Department of Geosciences, National Taiwan University:
 2002 - 2005 Chairman, Department of Geosciences, National Taiwan University
 1994 - 1998 Professor (Adjunct), Department of Earth Sciences, National Taiwan Normal University
 1991 - 1994 Associate Professor, Department of Geology, National Taiwan University
 1990 - 1991 Lecturer, Department of Geology, National Taiwan University
 1989 Teaching Assistant, Dept. Geological and Geophysical Sciences, Princeton University, USA
 1984 - 1986 Lecturer, Department of Geology, National Taiwan University, Taiwan
 1979 - 1981 Teaching Assistant, Department of Geology, National Taiwan University, Taiwan

PROFESSIONAL SOCIETY EXPERIENCE

Served as Reviewer of Grant proposals, Papers, Promotions and Achievement awards for:

Institutions: Natural Environment Research Council (UK), DOE and NSF (US), National Science Council (Taiwan), Department of Education (Taiwan), Academia Sinica (Taiwan), Central Geological Survey (Taiwan), Universities in Australia, Canada, Taiwan and USA

Journals: *Acta Geologica Taiwanica*, *Chemical Geology*, *Geochim. et Cosmochim. Acta*, *Geophysical Research Letters*, *Geology*, *Journal of Asian Earth Sciences*, *Precambrian Geology*, *Jour. Geol. Soc. China*, *Tectonophysics*, *Tectonics*, *Western Pacific Earth Sciences*.

- 2005- present Member of Scientific Advisory Committee of Paleomagnetism and Geochronology Laboratory, Chinese Academy of Science, Beijing
 2005 – present Director of Instrument Center, College of Science, National Taiwan University
 2005 – present Project Leader of the Ocean Research Project, NSC
 2003 - present Member of Advisory Committee for the Scientific Education, Earth and Planetary Sciences Section, Ministry of Education, Taiwan
 2002 - present Member of 8 working groups and committees (campus planning, achievement, review, etc.) for National Taiwan University
 2002 - present Member of Review Committee, Division of Mathematics and Natural Sciences, Academia Sinica, Taiwan
 2002 - present Member of Council Committee, Chinese Geoscience Union, Taiwan
 2002 - present Member of Council Committee, Geological Society located at Taipei, Taiwan
 1998 - present Associate Editor, Journal of Geological Society of China (now as *Western Pacific Earth Sciences*)
 2007 Guest editor, Journal of Asian Earth Sciences, special issues on “*Earthquake Geology and Hazards in Taiwan*” (to appear)
 2005 – 2009 Principal Investigation of the Program for Promoting Academic Excellence of Universities (Phase II): *Asian Orogens and Environmental Changes: A Multi-Disciplinary Approach*
 2006 Co-convener, the Second Taiwan-Japan Earth Sciences Symposium, Taiwan
 2006 Guest editor, Journal of Asian Earth Sciences, special issues – “*Tectonic evolution of Central Mountain Belt, China*” Vol. 28, Issue 2-3.
 2006 Member of Nomination Committee for the Dean of Science College,

- National Chung Cheng University
- 2005 Member of Organization Committee for the 6th World Chinese Conference on Geological Sciences, 2005
- 2001 - 2005 Member of the Editorial Board for *Journal of Asian Earth Sciences*
- 2000 - 2005 Member of Panel Committee, Earth Science Research Promotion Center, National Science Council, Taiwan
- 2003 Chairman of Organization Committee for the 5th World Chinese Conference on Geological Sciences
- 2003 Section Convener for National Examination (Agriculture, Mining and Geology), the Examination Affair Committee, The Examination Yuan of ROC, Taiwan
- 2003 Section Convener (Earth Sciences) of the Research Planning Committee for government agents of ROC, Taiwan
- 2002 Convener for the Dean Election Committee, College of Science, National Taiwan University
- 2002 Member of Organization Committee for the public forum – “*Land Use and Geohazard Prevention in Taiwan*”, held in Taipei, May 4, 2002.
- 2001 Chairman of Organization Committee for the 2001 Joint Geosciences Assembly, Taipei
- 2001 Member of *ad hoc* Committee, Institute of Earth Sciences, Academia Sinica, Taiwan
- 2000 – 2002 Secretary General, Chinese Geosciences Union, Taiwan
- 2000 - 2002 Program coordinator and panel convener, Earth Sciences Subdivision, National Science Council, Taiwan
- 2000 - 2002 Member of Advisor Board, Division of International Collaboration, National Science Council, Taiwan
- 2000 Member of the organizing Committee for the 2nd “World Chinese Conference on Geological Sciences”, Stanford, USA.
- 2000 Guest editor, *Journal of Asian Earth Sciences*, special issue – “*Lithosphere Dynamics and Natural Resources in East Indochina and adjacent areas*” vol. 18, no. 3
- 1999 - 2005 Collaborator of IGCP project 440: *Rodinia Assembly and Breakup*
- 1999 - 2000 Member of Council Committee, Geological Society of China, Taiwan
- 1999 Co-convener for special sessions: “*From collision to extension in Asia*” and “*The Sept. 20, 1999 Taiwan Earthquake*” at 1999 AGU Fall Meeting, San Francisco, USA
- 1998 Co-convener for special session “*Collision/extrusion tectonics in SE Asia*” at 1998 Western Pacific Geophysics Meeting, AGU, held in Taipei.
- 1998 Co-editor, American Geophysical Union Geodynamics series 27 “*Mantle Dynamics and Plate Interactions in East Asia*”
- 1997 - 2000 Group leader for the NSC integrate project: CREATE (*Comprehensive Research on East Asia Tectonics, Episode I*) research team
- 1997 – 2002 Collaborator of IGCP Project 420: *Crustal growth in the Phanerozoic: Evidence from east-central Asia*
- 1997 Coordinator for 1997 Sino-American Symposium – “*Tectonics of East Asia*” held in Chungli, Taiwan
- 1997 Co-convener for special session “*Mantle Dynamics and Plate Interactions in East Asia*” at 1997 AGU Fall Meeting, San Francisco, USA
- 1996 - 1997 Secretary General, the Geological Society of China, Taiwan

- 1996 Member of Organizing Committee, "*1996 International Symposium on Lithosphere Dynamics of East Asia*" held in Taipei
- 1995 Coordinator for the First Cross-Strait Geological Conference, Taipei
- 1994 - 1999 Executive Secretary, Sino-American Collaboration Project in Earth Sciences
- 1990 - 2003 Session Chairman and convener in annual meetings of *Geological Society of China*
- 1984 - 1985 Assistant Editor, Proceeding of Geological Society of China

PROFESSIONAL AFFILIATIONS

American Geophysical Union, Geological Society of America
Mineralogical Society of America, Geochemistry Society
Geological Society of China, Sigma XI, AAPG
Chinese Geosciences Union, World Chinese Earth Science Union