

國立中山大學海洋科學學院115年院長候選人資料表

基本資料：

姓名	廖志中	性別	<input checked="" type="checkbox"/> 男	出生年月日	電話	公： 07-
			<input type="checkbox"/> 女	58, 04, 25		5252000#5058
通訊處	高雄市鼓山區蓮海路70號 海洋生物科技暨資源學系 e-mail : ccliaw@mail.nsysu.edu.tw				傳真	公： 宅：
現職	服務機關名稱	專/兼任	職 稱		到職年月	
	國立中山大學	專任	教授		2016/08	
大專以上學歷	學校名稱	院系所	學位名稱		領受學位年月	
	高雄醫學大學	藥學系	博士		2004, 01	
	國立中山大學	海洋資源學系	碩士		1995, 06	
	國立中山大學	海洋資源學系	學士		1992, 06	
經歷	服務機關名稱	專/兼任	職 稱		到職年月	
	國家科學委員會中醫藥學門	兼任	複審委員		2025,01-2025,12	
	國家科學委員會中醫藥學門	兼任	複審委員		2023,01-2023,12	
	國立中山大學海洋生物科技暨資源學系	專任	主任		2018,08-2021,07	
	科技部藥學暨中醫藥學門	兼任	複審委員		2017,01-2019,12	
	國立中山大學海洋生物科技博士學位學程	專任	主任		2016,08-2019,07	
	國立中山大學	專任	教授		2016,02-迄今	
	國立中山大學	專任	副教授		2012,08-2016,01	
	國立中山大學	專任	助理教授		2010,08-2012,07	
	加州大學聖地牙哥分校	兼任	訪問學人		2010,06-2010,07	
	中國醫藥大學	專任	助理教授		2006,08-2010,07	
	嘉南藥理大學	專任	助理教授		2005,02-2006,07	
	高雄醫學大學	專任	博士後研究員		2004,02-2005,01	
北卡羅萊納大學教堂山分校	專任	訪問學人		2002,06-2003,07		

附註：

- 1.請檢附教育部頒教授證書影本。
- 2.學術獎勵、榮譽事項等。
- 3.重要事蹟。
- 4.著作及專利目錄。
- 5.第2.3.4.項請以 A4紙打字或正楷繕寫。

教字第 141416 號
REG.NO.:141416

教授證書

Academic Teaching Rank Accreditation Certificate Professor



廖志中 身分證字號：[REDACTED] 中華民國58年4月25日生
由國立中山大學送審並經本部依專科以上學校教師資格審定辦法審定
合於教授資格，年資自105年2月1日起計

The application for Mr. CHIH-CHUANG LIAW at National Sun Yat-sen University to be conferred the rank of Professor has been reviewed by the Ministry of Education, in accordance with the Accreditation Regulations Governing Teacher Qualifications at Institutions of Higher Education. The Ministry of Education has approved the conferring of the academic teaching rank of Professor on Mr. CHIH-CHUANG LIAW, effective from February 1, 2016

ID Number: [REDACTED]
Date of Birth: April 25, 1969
Date of Issue: February 1, 2016

部長潘文忠

Wen Chung Pan

Wen-Chung Pan
Minister of Education
Republic of China (Taiwan)

中華民國 105



廖志中學術獎勵及榮譽事項

一、歷年獲獎

93年度 (2004)	高雄醫學大學	藥學院	傑出研究生獎
93年度 (2004)	中國化學會	范道南新創藥物	研究生論文佳作獎
97年度 (2008)	世界華人藥物化學研討會		最佳論文壁報獎
104年度	國立中山大學	海洋科學學院	教學績優教師
104年度	國立中山大學	海洋科學學院	學術研究績優教師
104年度	國立中山大學與高雄醫學大學	合作研究	優秀學者獎
106年度	國立中山大學	海洋科學學院	學術研究績優教師
107年度	國立中山大學	海洋科學學院	教學績優教師
108年度	國立中山大學	海洋科學學院	教學績優教師
110年度	國立中山大學	海洋科學學院	教學績優教師
110年度 (2021)	高雄醫學大學	藥學院	傑出校友
111年度	國立中山大學	海洋科學學院	教學績優教師
113年度	國立中山大學	海洋科學學院	學術研究績優教師
114年度	國立中山大學	海洋科學學院	學術研究績優教師
115年度	國立中山大學		非彈薪特聘教授

二、審查委員、期刊編輯：

1. 科技部、國科會計畫初審委員(104-114)、複審委員(106-108、112、114)
2. Reviewer of SCI papers, including Journal of Food and Drug Analysis (Taiwan), Antioxidant, Holzforschung - International Journal of the Biology, Chemistry, Physics and Technology of Wood, Journal of Agricultural and Food Chemistry, Journal of Physical Organic Chemistry, Phytochemistry, Journal of Natural Products, Scientific Reports, Biofouling, Foods, Frontiers in Pharmacology, Marine Drugs, Molecules, Organic & Biomolecular Chemistry, Planta Medica, Oncotarget, Applied Microbiology and Biotechnology, Natural Product Communications, British Journal of Cancer, Phytotherapy Research, Toxins, Stem Cells

重要事蹟

1. 2025年成功申請東京大學 Ikuro Abe 阿部郁朗教授擔任本校首位教育部玉山學者，提升本院及本校於國際學術研究領域之能見度與國際合作影響力。
2. 於2018-2021年間擔任海洋生物科技暨資源系系主任期間，積極向校方爭取經費，完成海資系教學展示教室 MB1009以及三間標本展示室之整建，打造兼具教學、研究與展示功能之特色空間，成為本校重要教學研究參訪亮點。
3. 擔任海洋生物科技暨資源系系主任期間，推動海資系為全校第二階段全英語授課(EMI)系所，成功爭取額外補助經費，協助系所教學空間整建與發展。同時帶領系上教師申請爭取校內高教深耕共學群計畫，獲取補助費用，用以整建生物實驗室與生化實驗室，並充實教師教學所需資源，提升整體教學品質與學習環境。
4. 擔任海洋生物科技暨資源系系主任期間，推動國際學術交流合作，與 Nihon Pharmaceutical University 日本藥科大學、National Museum of Marine Biology and Aquarium 海洋生物博物館簽訂教學研究合作備忘錄，持續深化雙方教學與研究合作。此外，帶領系上教師赴 Hokkaido University Faculty of Fisheries Sciences 日本北海道大學水產學院參訪交流，並促成北海道大學交換學生至海資系學習，提升系所國際化發展。
5. 參與本校國際合作與學術交流計畫，於2014-2019年間多次參與本校與 University of California San Diego 加州大學聖地牙哥分校雙邊交流會議，並於2019年代表本校海洋天然物研究團隊擔任演講者，介紹台灣海洋天然物之研究發展歷程與未來展望。自2017年起，參與本校新南向政策推動，赴菲律賓、斯里蘭卡、吐瓦魯等國進行招生與學術交流，並協助本院成立「臺斯環境變遷海外研究中心 (Taiwan and Sri Lanka Environmental Change Sciences and Technology Innovation Center(TS/ECSTIC))」，培育斯里蘭卡籍碩士生，深化國際科研與人才培育合作。
6. 與 University of California San Diego 美國加州大學生地牙哥分校研究團隊合作，建立以質譜分析為基礎之天然物分子網絡(molecular network)研究平台，透過天然化合物二次質譜特徵資訊解析生物次級代謝物骨架，並結合資料庫比進行天然物去重複 (de-replication) 分析，以提升天然物研究效率。同時結合活性導引分離策略，快速鎖定並分離具活性之天然化合物，加速海洋天然物功能分子之開發與應用。相關研究成果刊登於國際頂尖期刊《Nature Biotechnology》(Nature Biotechnology 2016, 34, 828–837)。

廖志中著作目錄

發表論文總數為101篇，總引用數為9599，H value 為 40 (Google Scholar)。

1. Jyh-Horng Sheu, **Chih-Chuang Liaw**, and Chang-Yih Duh, 1995 'Oxygenated clerosterols isolated from the marine alga *Codium arabicum*', *J. Nat. Prod.*, 58, 1521-1526. (SCI)
2. **Chih-Chuang Liaw**, Fang-Rong Chang and Yang-Chang Wu, 1999, 'New Annonaceous Acetogenins from *Rollinia mucosa* Baill.', *J. Nat. Prod.*, 62, 1613-1617. (SCI)
3. Wen-Li Lo, Fang-Rong Chang, **Chih-Chuang Liaw**, Chung-Yi Chen, Ramesh Patnam and Yang-Chang Wu, 2002, 'Cytotoxic constituents from roots of *Euchresta formosana*.', *Planta Med.* 68, 146-151.(SCI)
4. **Chih-Chuang Liaw**, Fang-Rong Chang, Chih-Yuan Lin, Chi-Jung Chou, Hui-Fen Chiu, Ming-Jung Wu, and Yang-Chang Wu, 2002, 'New cytotoxic Annonaceous acetogenins from *Annona muricata*.', *J. Nat. Prod.* 65, 470-475. (SCI)
5. Fang-Rong Chang, **Chih-Chuang Liaw**, Chih-Yuan Lin, Chi-Jung Chou, Hui-Fen Chiu, and Yang-Chang Wu, 2003, 'New adjacent bis-tetrahydrofuran Annonaceous acetogenins from *Annona muricata*.', *Planta Med.* 69, 241-246. (SCI)
6. **Chih-Chuang Liaw**, Fang-Rong Chang, Ming-Jung Wu, and Yang-Chang Wu, 2003, 'A novel constituent from *Rollinia mucosa*, Rollicosin, and a new approach to develop Annonaceous acetogenins as potential antitumor agents.', *J. Nat. Prod.* 66, 279-281. (SCI)
7. Yuh-Chwen Chang, Pei-Wen Hsieh, Fang-Rong Chang, Ru-Rong Wu, **Chih-Chuang Liaw**, Kuo-Hsiung Lee, Yang-Chang Wu, 2003, 'Two new protopines agemexicaines A and B and the anti-HIV alkaloid 6-acetyldihydrochelerythrine from formosan *Argemone mexicana*.', *Planta Med.* 69, 148-152. (SCI)
8. Sheng-Nan Wu, Hung-Ting Chiang, Fang-Rong Chang, **Chih-Chuang Liaw**, and Yang-Chang Wu, 2003, 'Stimulatory effects of squamocin, an *Annonaceous* acetogenin, on Ca^{2+} -Activated K^+ Current in cultured smooth muscle cells of human coronary artery.', *Chem. Res. Toxicol.* 16, 15-22. (SCI)
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12. **Chih-Chuang Liaw**, Fang-Rong Chang, Yang-Chang Wu, Hui-Kang Wang, Yuka Nakanishi, Kenneth F. Bastow, and Kuo-Hsiung Lee, 2004, 'Montacin and *cis*-montacin, two new cytotoxic monotetrahydrofuran Annonaceous acetogenins from *Annona montana*', *J. Nat. Prod.* 67, 1804-1808. (SCI)
13. Fang-Rong Chang, Ken-ichiro Hayashi, I-Hsiao Chen, **Chih-Chuang Liaw**, Kenneth F. Bastow, Yuka Nakanishi, Hiroshi Nozaki, Gordon M. Cragg, Yang-Chang Wu, Kuo-Hsiung Lee, 2003, 'Antitumor agents 228. Five new agarofurans, reissantins A-E, and cytotoxic principles from *Reissantia buchananii*', *J. Nat. Prod.*

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 15. **Chih-Chuang Liaw**, Fang-Rong Chang, Chin-Chung Wu, Shu-Li Chen, Kenneth F. Bastow, Ken-ichiro Hayashi, Hiroshi Nozaki, Kuo-Hsiung Lee, Yang-Chang Wu, 2004 'Nine new cytotoxic monotetrahydrofuran Annonaceous acetogenins from *Annona montana*', *Planta Med.* 70, 948-959. (SCI)
 16. Mohamed H. Abd El-Razek, Fang-Rong Chang, **Chih-Chuang Liaw**, Mahmoud I. Nassar, Hui-Chi Huang, Yung-Husan Chen, Yu-Liang Yang, and Yang-Chang Wu, 2004, 'Two sesquiterpene-coumarins from the roots of *Ferula marmarica*', *Heterocycles*, 63, 2101-2109.
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 18. Yu-Hsuan Lan, Fang-Rong Chang, **Chih-Chuang Liaw**, Chin-Chung Wu, Michael-Y Chiang, Yang-Chang Wu, 2005, 'Digoniodiol, deoxygonioppyrone A, and goniofupyrone A: three new styryllactones from *Goni-othalamus amuyon*', *Planta Med.* 71, 153-159. (SCI)
 19. Yu-Hsuan Lan, Fang-Rong Chang, Yi-Chen Chia, **Chih-Chuang Liaw**, Yang-Chang Wu, 2005, 'Fissislactone A: a novel compound from *Fissistigma bracteolatum*', *Helv. Chim. Acta* 88, 905-909. (SCI)
 20. **Chih-Chuang Liaw**, Fang-Rong Chang, Shu-Li Chen, Chin-Chung Wu, Kuo-Hsiung Lee, Yang-Chang Wu, 2005, 'Novel Cytotoxic Annonaceous Acetogenins from *Annona montana*', *Bioorg. Med. Chem.* 13, 4767-4776. (SCI)
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 22. Shyng-Shiou F. Yuan, Hsueh-Ling Chang, Hsiao-Wen Chen, Fu-Chen Kuo, **Chih-Chuang Liaw**, Jinu-Huang Su, Yang-Chang Wu, 2006, "Selective cytotoxicity of squamocin on T24 bladder cancer cells at the S-phase via a Bax-, Bad-, and caspase-3-related pathways", *Life Sci.* 78, 869-874.
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 26. **Chih-Chuang Liaw**, Yu-Liang Yang, Mei Chen, Fang-Rong Chang, Su-Li Chen, Shih-Hsiung Wu, Yang-Chang Wu, 'Mono-Tetrahydrofuran Annonaceous Acetogenins from *Annona squamosa* as Cytotoxic Agents and Calcium Ion Chelators', *J. Nat. Prod.* 2008, 71, 764-771. (SCI)
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 29. Jih-Jung Chen, Yu-Ting Luo, Chang-Hui Liao, Ih-Sheng Chen, **Chih-Chuang Liaw**, 'A New Dibenzofuran and Further Constituents from the Stems of *Pourthiaea lucida* with Inhibitory Activity on Superoxide Generation by Neutrophils', *Chem. Biodivers.*, **2009**, *6*, 774-778. (Impact factor 1.659, Chemistry, Multidisciplinary, 47/125)
 30. Yuan-Chao Huang, **Chih-Chuang Liaw***, Sheng-Chih Chen, "The Research and Development of Natural Products from Ferns in Taiwan", *Chemistry (Taiwan)*, **2009**, *67*, 13-31. (* correspondence)
 31. Yaun-Chao Huang, Tsong-Long Hwang, Chih-Shiang Chang, Yu-Liang Yang, Chia-Ning Shen, Wen-Ying Liao, Sheng-Chih Chen, and **Chih-Chuang Liaw***, 'Anti-inflammatory Flavonoids from the Rhizomes of *Helminthostachys zeylanica*', *J. Nat. Prod.* **2009**, *72*, 1273-1278. (Impact factor 2.843, SCI, * correspondence)
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