



Prof. Dr. Bing-Joe Hwang

Chair Professor

Department of Chemical Engineering

National Taiwan University of Science and Technology

E-mail:bjh@mail.ntust.edu.tw

Web pages: <https://homepage.ntust.edu.tw/bjh/>

& <https://ntust518labfile.wixsite.com/nanoelectrochemistry>

Education:

1977~1981 BS ; 1981~1984 MS ; 1984~1987 Ph.D. in Chemical Engineering, National Cheng Kung University

Current Positions:

Chair Professor, Taiwan Tech (2006.8~present); **Founder & Director**, Sustainable Energy Development Center, Taiwan Tech (2012.2~present); **Adjunct Researcher**, National Synchrotron Radiation Research Center, Taiwan (2005~); **Executive & Associate Editor**, American Chemical Society Sustainable Chemistry & Engineering (2024~&2015~); **President**, Taiwan Institute of Chemical Engineers

Experience:

Founder & President, The Electrochemical Society of Taiwan (ECSTw) (2013.8~2017.12); **Coordinator**, Program of Chemical Engineering, MOST, Taiwan (2008.12~2011.12); **President**, Chinese Association for Chemical Sensors and Technology in Taiwan (2002.9~2004.8); **President**, The Society of Hydrogen and Fuel Cells of Taiwan (2010.1~2013.12)

Honors & Awards:

Member of Academy of Europe (2025); Fellow of Electrochemical Society (2025); IBA Technology Award (2025); Chemical Engineering Medal, Taiwan Institute of Chemical Engineers (2023), Fellow, Materials Science Society-Taiwan (2023), Clarivate Analytics Highly-cited Researcher (2022-2025), ISE-Elsevier Prize for Experimental Electrochemistry (2022); Hou Jindui Outstanding Honor Award, THS Foundation (2022) ; Humboldt Research Award (2020); National Chair Professorship in Engineering and Applied Science, Ministry of Education (2018-2020, lifetime afterward); CTCL Foundation Academic Award in Chemical Engineering (2020); Distinguished Professor of Engineering (2020); Fellow, Royal Society of Chemistry (FRSC) (2018); Fellow, Taiwan Institute of Chemical Engineers (TwIChE) (2018); Academician of Asian Pacific Academy of Materials (APAM) (2017); Fellow of International Society of Electrochemistry (FISE) (2014); Outstanding Research Fellow of National Science Council, Taiwan(2011); Academician of the Academy of Sciences of Lisbon (2011); TECO award in Chemical Engineering and Materials Science, TECO Technology Foundation (2011); Academic Award in Engineering and Applied Science, Ministry of Education (2010); Chair Professor of Green Technology, Far Eastern Y.Z. Hsu Science and Technology Memorial Foundation (2010); Outstanding research award from National Science Council of Taiwan (three times)

Research Interests:

Electrochemistry; Interfacial Phenomena; In-situ Techniques; Electrochemical Energy Materials

~570 SCI papers ; ~100 patents ; Times cited = ~47817 ; H index = 107 (**Google Scholar**)