

Curriculum vitae

John Chi-Wei Lan, Ph.D



Distinguished Professor,
Chair of Department of Chemical Engineering and Materials Science,
Chair of Graduate School of Biotechnology and Bioengineering,
Yuan Ze University, 135 Yuan Tung Road, Ching-Li, Taoyuan County, Taiwan
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Education

1. PhD, Biochemical Engineering, Dec 1996 - Dec 2000
The University of Birmingham, England
School of Chemical Engineering, Centre for Bioprocess Engineering
 2. Deng, Chemical Engineering, Sep 1990 - Jun 1995
National Taipei Institute of Technology
Department of Chemical Process Engineering
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Postgraduate Training

1. Post-Doctoral Research Fellow, Oct 2000-Jan 2004
Institute of BioAgricultural Sciences, Academia Sinica, Taiwan
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Academic Appointment

1. Professor, Jan, 2018-present
Department of Chemical Engineering and Materials Science, Yuan Ze University
 2. Associate Professor, Aug 2013- Dec, 2017
Department of Chemical Engineering and Materials Science, Yuan Ze University
 3. Assistant Professor, Mar 2007- Jul 2013
Department of Chemical Engineering and Materials Science, Yuan Ze University
- *Teaching subjects: Chemical Thermodynamics, Advance Chemical Thermodynamics, Mass and energy balance, Biochemical Engineering, Applied Biochemistry, Biomaterials, Physical Chemistry, Instrumental Analysis, Seminar in Science and Engineering, Special topics on Chemical Industry
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Other Employment

1. Lecturer and Research fellow, Jan 2004-Aug 2004
Department of Applied Chemistry, Yamaguchi University, Japan
 2. Research fellow, Aug 2004-Mar 2007
Energy and Environment Research Laboratories, ITRI, Taiwan
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Association Memberships

1. President, Biotechnology and Biochemical Engineering Society of Taiwan (BEST) (since Jul, 2025)
 2. Vice President, Biotechnology and Biochemical Engineering Society of Taiwan (BEST) (since Jul, 2022 to Jun, 2025)
 3. Secretary in General, Biotechnology and Biochemical Engineering Society of Taiwan (BEST) (since Jul, 2019 to 2022)
 4. Managing Supervisor, Committee board of supervisors, Taiwan Physiological Society (since Feb., 2012 to present)
 5. Execute Secretary, the Biomass Energy Society of China (Feb 2006- Dec 2008)
 6. The member of a council board, The Biomass Energy Society of China (Dec 2005 to Feb 2006)
 7. Member of AIChE
 8. Member of Society for Industrial Microbiology
 9. Member of American Society of Microbiology
 10. Member of Taiwan Institute of Chemical Engineers
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Awards

1. Academia Sinica Post-doc award, Taiwan (2001-2003)
 2. Excellence in Teaching Award, Yuan Ze University (2011)
 3. Excellent in Research Award, Yuan Ze University (2013)
 4. Excellent in Research Award, Yuan Ze University (2015-2024)
 5. Young Scholar Research Award, Yuan Ze University (2015)
 6. Young Asian Biotechnologist Prize 2017, Society of Biotechnology Japan (2017)
 7. Outstanding Research Award of Yuan Ze University (2019)
 8. Y.Z. Hsu Outstanding Professor Prize, Y.Z.Hsu Foundation (2022)
 9. Academic Service Award, Biotechnology and Biochemical Engineering Society of Taiwan (BEST) (2024)
 10. Y.Z. Hsu Chair Professor Prize, Y.Z.Hsu Foundation (2025)
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Research interests

Biorefinery technologies, Bioseparation, Electro-fermentation, Bio-based materials.

Prof. John Chi-Wei Lan received his Ph.D. from the School of Chemical Engineering at the University of Birmingham (UK) in 2000. His doctoral research focused on developing an efficient large-scale process for the recovery of C595 diabody from fermentation broth using expanded bed adsorption technology. From 2000 to 2003, he served as a postdoctoral researcher at Academia Sinica (Taiwan), working on bioprocess design for feed enzyme production. He later held research fellow positions at Yamaguchi University (Japan) and the Industrial Technology Research Institute (ITRI, Taiwan), before joining Yuan Ze University (YZU) in 2007. Prof. Lan currently serves as Chair and Professor in the Department of Chemical Engineering and Materials Science at YZU. He is also the President of the Biotechnology and Biochemical Engineering Society of Taiwan (BEST) since 2025. He has received several prestigious awards, including the Young Asian Biotechnologist Prize (2017), the Y.Z. Hsu Outstanding Professor Prize (2022), the 2024 Academic Service Award from the Biotechnology and Biochemical Engineering Society of Taiwan (BEST), and Y.Z. Hsu Chair Professor Prize, Y.Z.Hsu Foundation (2025). Prof. Lan has extensive experience in industrial plant design and construction and is highly active in fostering academia–industry collaborations. He is also the co-founder of Lans’ Brewing Cooperation. He has published 114 SCI journal articles with H-index of 29, 3 book chapters and awarded 4 patents. His current research focuses on integrated biorefinery processes to produce bio-based chemicals from waste biomass and industrial feedstock.

