

## 化學系 — 胡紀如教授

### 一、學歷

- 9/78–6/82 **Stanford University**, Stanford, California, U.S.A.  
Ph.D. Chemistry, June 1982
- 9/72–6/76 **National Taiwan University**, Taiwan, R.O.C.  
B.S. Chemistry, June 1976

### 二、經歷

- 2/15–present **Tsing Hua Distinguished Chair Professor**  
(清華特聘講座教授)  
National Tsing Hua University, Hsinchu, Taiwan
- 12/19–09/23 **President**  
Federation of Asian Chemical Societies
- 8/06–1/15 **Chair Professor**  
National Tsing Hua University, Hsinchu, Taiwan
- 1/13–12/13 **Chairman**  
The 9<sup>th</sup> AFMC International Medicinal Chemistry Symposium 2013
- 8/21–12/24 **Delegate for Taiwan**  
(歐洲文理科學院 國家代表)  
European Academy of Sciences and Arts
- 7/00–present **Regional Editor**  
*Mini-Reviews in Medicinal Chemistry*
- 1/06–present **Editorial Advisory Board Member**  
*Anti-Infective Agents in Medicinal Chemistry*
- 1/13–present **Ex Officio, Editorial Advisory Board Member**  
*Journal of Medicinal Chemistry*
- 1/14–present **Editorial Advisory Board Member**  
*European Journal of Medicinal Chemistry*
- 5/19–present **Member of International Advisory Board**  
*Russian Chemical Bulletin*
- 1/20–present **Editor**  
*Medicinal & Analytical Chemistry International Journal*
- 5/20–present **Editorial Board Member**  
*American Journal of Nanomedicine and Nanobiotechnology*
- 5/10–7/12 **Founding Director, Preparatory Office for College of Biomedical Science and Engineering, National Central University**  
Jhongli City, Taoyuan County, Taiwan
- 8/07–7/10 **Dean, College of Science, National Central University**  
Jhongli City, Taoyuan County, Taiwan

- 4/92–6/99*      **Curriculum Director (4/96–6/99) and Principal Lecturer**  
The International Scientific Instrument Technology Workshops,  
International Foundation for Sciences (Headquarters at Sweden)  
and National Science Council, Taiwan, R.O.C.
- 1/91–1/93*      **President**  
Chinese American Chemical Society, U.S.A.
- 9/90–7/02*      **Research Fellow**  
Academia Sinica, Institute of Chemistry, Taipei, Taiwan, R.O.C.
- 7/82–6/91*      **Associate and Assistant Professor of Chemistry**  
The Johns Hopkins University, Baltimore, Maryland, U.S.A.

### 三、榮譽

- AWARDS:**
- CACS 2023 Outstanding Achievement Award,**  
Chinese American Chemical Society, U.S.A.
  - Trophy of Gulf Chemistry Association (2022)
  - The First International Conference and Exhibition
  - CAS Registry Innovator<sup>®</sup>, (2022),  
Chemical Abstracts Service, American Chemical Society, U.S.A.
  - Outstanding Article Award (2022)
  - Taiwan Institute of Chemical Engineering
  - CACS 40<sup>th</sup> Anniversary Award for Recognition and Appreciation (2021)
  - Chinese American Chemical and Engineering Society, U.S.A.
  - Excellent Senior Teacher with 30 Years of Service,  
Ministry of Education, R.O.C. (2020)
  - Award for Outstanding Achievement and Contribution (2017),  
Asia Pacific Society for Materials Research
  - National Academic Research Innovation Award (2017, co-inventor),  
Institute for Biotechnology and Medicine Industry, Taiwan
  - National Chair Professorship (2015–2018),**  
Ministry of Education, Taiwan, R.O.C.
  - Taiwan Conference & Exhibition Award: Convention A Class (2014),  
Ministry of Economy, Taiwan, R.O.C.
  - Distinguished Service Award (2014)
  - The Chemical Society Located in Taipei
  - Nano Industrial Technology Excellence Award (2013),  
(co-principal investigator), Ministry of Economy, Taiwan, R.O.C.
  - Book Prize of ChemMedChem Wiley–VCH at AIMECS (2013)
  - Excellent Senior Teacher with 20 Years of Service,  
Ministry of Education, R.O.C. (2010)
  - Outstanding Scholar Award (2007–12),**  
Foundation for Advancement of Outstanding Scholarship, Taiwan
  - Asian Core Program Lectureship Award of China (2010),  
Cutting-Edge Organic Chemistry in Asia
  - Award for an Outstanding Achievement (2008),**  
International Journal of Molecular Medicine and  
International Journal of Oncology
  - Honorable Research Fellow Award (2008),  
National Science Council, Taiwan, R.O.C.

National Innovation Award (2007),  
 Institute for Biotechnology and Medicine Industry, Taiwan, R.O.C.  
 National Biotech. and Medical Care Quality Award (2007, co-inventor),  
 Institute for Biotechnology and Medicine Industry, Taiwan, R.O.C.  
**Senior Distinguished Research Fellow (2005–07)**,  
 National Science Council, Taiwan, R.O.C.  
**Service Medal (2004)**,  
**The Executive Yuan, Republic of China**  
 Distinguished Research Fellow (2001–04),  
 National Science Council, Taiwan, R.O.C.  
 Excellent Senior Teacher with 10 Years of Service,  
 Ministry of Education, R.O.C. (2002)  
 Distinguished Research Award (1999–2001),  
 National Science Council, Taiwan, R.O.C.  
**The 1997 World Academy of Sciences Award (in Chemistry)**,  
 The World Academy of Sciences  
 Distinguished Research Award (1995–97),  
 National Science Council, Taiwan, R.O.C.  
**The Outstanding Young Persons of the World for 1994**  
**(in Scientific and/or Technological Development)**,  
 世界十大傑出青年, Junior Chamber International  
 Outstanding Research Award (1994–95),  
 National Science Council, Taiwan, R.O.C.  
**Federation of Asian Chemical Societies 1992 and 1993**  
**Distinguished Young Chemist Award**,  
 Federation of Asian Chemical Societies  
 Ten Outstanding Young Persons of Taiwan, R.O.C. (1993),  
 (in Scientific and/or Technological Development),  
 Taiwan, R.O.C. Junior Chamber  
 Distinguished Research Award (1992–94),  
 National Science Council, Taiwan, R.O.C.  
**Alfred P. Sloan Research Fellow (1986–1988 and 1988–1990)**,  
 Alfred P. Sloan Foundation, U.S.A.  
 Stuart Pharmaceuticals Achievement Award (1986),  
 ICI Americas Inc.

**HONORS:** Member of the Distinguished Advisory Board and Lifetime Member of  
 Chinese American Chemical Society, U.S.A. (2023–present)  
**World’s Top 2% Scientists (Career Impact) (>8 million scientists,**  
**1960–2022), Stanford University, U.S.A. (2022)**  
**Member of the European Academy of Sciences and Arts**  
 ((歐洲文理科學院 國家, 2019–present)  
 Bentham Ambassador (2016–2017), Bentham Science Publishers  
**Fellow of Asian Federation for Medicinal Chemistry (2013–present)**  
**President of Asian Federation for Medicinal Chemistry (2012, 2013)**  
 Consortium Partner of FP7 SILVER Project, European Commission  
 (2010–2014)  
 Guest Professor of Peking University, China (2007–2009)  
**Fellow of The Royal Society of Chemistry (2005–present)**  
 Senior Superior Educationist, Ministry of Education, R.O.C. (2002)

Visiting Scholar of Deutscher Akademischer Austausch Dienst for Six Universities and Institutes of Germany (2001):

Universities of Berlin, Frankfurt, Göttingen, Hamburg, and Osnabrück, as well as Bayer AG, Pharma Research

**Fellow of International Union of Pure and Applied Chemistry** (2000–present)

Visiting Professor of Royal Society of Chemistry for Five Universities of United Kingdom (2000): Universities of Cambridge, Glasgow, Manchester, and Nottingham, as well as Imperial College

**Fellow of The World Academy of Sciences** (1999–present)

Visiting Professor of Universite Louis Pasteur and C.N.R.S., France (1998)

Glory of the Association for Ten Outstanding Young Persons of Taiwan, R.O.C. (1997)

Binational Exchange Visiting Professor and Academic Consultant (1997) Foundation for Research Development, South Africa and University of Cape Town

#### 四、研究領域

Drug Design and Synthesis, DNA-cleaving Agents, Molecular Genomics, Nano-biomaterials, Nano-polymers, Natural Product Synthesis, Organosilicon Chemistry, New Reactions and New Reagents, Synthetic Methods and Concepts, Mechanistic Studies, OLED, and Polymer Science

#### 五、研究興趣與成果

Invented >14 new biochemical products as merchandize being sold on the market, including AquaClean, BB King, CleanMite, FluFree, FungiFree, Happy, HappyToe, K99, MaxFresh, PetClean, SmoKiller, TickleFree, VegClean, WELLAST, etc.

More than 245 scientific papers in international journals, including *J. Am. Chem. Soc.*; *Angew. Chem. Int. Ed. Engl.*; *J. Chem. Soc.*, *Chem. Commun.*; *J. Org. Chem.*; *Org. Lett.*; *Organometallics*; *Chem. Rev.*; etc.  
more than 52 patents, and more than 458 presentations worldwide