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**Education**

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| 1985-1989 | B.S. Power mechanical Eng., National Tsing-Hua University, Taiwan ROC               |
| 1989-1991 | M.S. Institute of Mechanics, National Taiwan University, Taipei, Taiwan ROC         |
| 1994-1998 | Ph.D. Mechanical Engineering, University of California, Los Angeles, (UCLA) CA, USA |

**Research and Professional Positions Held in Chronological Sequence**

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| 2009-2016 | Deputy Director, Biomedical Technology Research Center, National Tsing-Hua Univ., Taiwan.  |
| 2010-2013 | Chairman, Dept. of Engineering and System Sciences, National Tsing-Hua University, Taiwan.   |
| 2014-2015 | Visiting Professor, Koch Institute of Integrative Cancer Research, Prof. Robert Langer's Lab, Massachusetts Institute of Technology, Cambridge MA, USA |
| 2016-2017 | Dean, Nuclear Science College, National Tsing Hua University, Taiwan   |
| 2017-2022 | Vice President for Research and Development, National Tsing-Hua University, Taiwan   |

**Research Interests**

1. BNCT Nano Drug
2. CTCs/CTMs Enrichment for Cancer Diagnosis/Drug Screening
3. Lab on a Chip/Micro Fluidics Systems/Organ on a Chip
4. Nano Particle Biosensors

**Major Honors and Awards**

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| 2005-2008    | Mr. Wu-Da-You memorial award, National Science Council (NSC), Taiwan   |
| 2010-2013    | Outstanding in Research Award from National Science Council (NSC), Taiwan  |
| 2014-present | ASME Fellow, elected by American Society of Mechanical Engineer (ASME), USA  |
| 2014         | Y. Z. Hsu Scientific Paper Award, 200k NTD, In Green Technology, A High Efficient Micro-Proton Exchange Membrane Fuel Cell by Integrating Micro-Nano Synergical Structures |
| 2014-2017    | Outstanding in Research Award from Ministry of Science and Technology (MOST), Taiwan,  |
| 2020         | National Innovation Award, SACA system for CTMs detection on prognosis of CRC recurrence, Taipei, Taiwan   |