

Andy H. Tsou, Ph.D.

(鄒海雄博士)

Andy H. Tsou, Ph.D., Senior Special Assistant to the Chairman and Manager of Forward-looking chemical technologies of Daxin Materials (Taichung) and Adjunct Professor at Chemical Engineering Department of National Taiwan University (Taipei). Andy received B.S. from National Taiwan University, M.S. from Penn State University, and Ph.D. from Purdue University, all in Chemical Engineering. Andy has studied at University of Minnesota (twice) under the CIE (center of interfacial engineering) industrial fellowship and has done sabbatical at Ecole Polytechnique de Montreal. Andy has worked in the US polymer industry for 32 years, with more than 20 years on polyolefins, in the areas of manufacturing, research, technology, and research management and has involved in commercializing four products thus far. Andy retired from ExxonMobil US in September 2018 and returned to Taiwan to join Daxin in December 2018. Andy has more than 115 US patents and patent applications and more than 130 journal and book publications. Andy has received an adjunct professorship from Beijing University of Chemical Technology in 2017, cooperative research award from PMSE division of ACS in 2015 (with Prof. Ben Hsiao of Stony Brook Univ.), service award from rubber division of ACS in 2011, Sparks-Thomas award from rubber division of ACS, Frank Giblin Memorial Award in Polymer Analysis from SPE (society of plastic engineers) in 2000, and was featured in Essential 2 campaign by American Chemistry Council in 2007. Andy had served as a thesis advisor at the Chemistry Department of University of Stony Brook from 2007 to 2013 overseeing the graduation of 7 PhDs. Andy has received a best paper award from ACS Rubber Division in 2002, a best symposium award from ACS Rubber in 2002, and a best paper award from SPE in 1995.

My Career Pathway- National Taiwan University to USA and back to Taiwan

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I will discuss my career from graduating NTU and to US after military service, to retiring from ExxonMobil after more than 37 years in US, to moving back to Taiwan to Daxin Materials Taichung, and to start teaching at NTU in 2019. I will discuss the pros and cons of studying and working in the US and in Taiwan. I will discuss the pros and cons of going to the graduate school and not going to the graduate school. I will discuss the lessons I learned and the various career choices made by my NTU classmates. Most importantly, I will emphasize that each one of you should choose your own career path based on your emotional, intellectual, and financial needs. At the end, I will introduce Daxin Materials for your consideration as one of your career choices at your earlier, middle, or late career pathway.