

TIGP Sustainable Chemical Science and Technology Program			
Introduction to Sustainable Chemical Science and Technology			
	Period: 2018/Feb. - 2018/June		
	Classroom: A507, IoC, AS		
	Time: AM9:00-12:00		
Goals:	1. Know the backgrounds and chemistry of sustainability-related issues. 2. Learn the spirit of green chemistry and the challenges/opportunities in the real world. 3. Get exposed to important research directions.		
Theme			
5	Greener Materials		
	5.1 Chemicals from Different Feedstocks		
	5.1.2 CO ₂ and Natural Gas	Yu, Steve Sheng-Fa	2018/3/7
	5.1.2 Biomass	Chung, Cedric Po-Wen	2018/3/14
	5.2 Degradable Polymers	Yu, Hsiao-hua	2018/3/21
	5.3 From Waste to Wealth (CO ₂ ; E-waste; food waste; plastic waste...)	Yu, Steve Sheng-Fa	2018/3/28
	5.4 Green Nano (I)	Kuo, Chun-Hong	2018/4/11
	5.4 Green Nano (II)		2018/4/18
	*** Mid Term Exam***	Chao, Ito	2018/4/25
	5.5 Bio-Synthesis	Wang, Cheng-Chung	2018/5/2
6	Sustainable Health - Tackle Disease by Chemistry		
	6.1 Aging and Cancer	Huang, Joseph Jen-Tse	2018/5/9
	6.2 Exploring Disease Mechanism	Huang, Joseph Jen-Tse	2018/5/16
	6.3 Disease Detection and Diagnosis	Chen, Yu-Ju	2018/5/23
	6.4 Drug Development	Li, Wen-Shan	2018/5/30
	6.5 Emergent nanomedicine & diagnostic platforms	Tu, Hsiung-Lin	2018/6/6
11	Information Sharing	Chao, Ito	2018/6/13
	*** Final Exam***	Chao, Ito	2018/6/20

Note: 2018/02/28 228 Memorial Day
 2018/04/04 Ancestor Memorial Day