

BIOGRAPHICAL SKETCH

NAME Yunong Wang	
POSITION TITLE Graduate student Email: wilswang@iu.edu Office: A612	

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
Indiana University, Bloomington, IN	Ph. D.	2019/08 - Present	Analytical Chemistry
Southern University of Science and Technology	B. S.	2015/09 - 2019/06	Chemistry

A. Personal Statement

I spent my undergraduate years and received bachelor's degree in chemistry from Southern University of Science and Technology, China, during which, I worked in Prof. Chongyang Liu's group, focusing on establishing super-resolution scanning ion conductance microscopy (SICM) and optimization on hardware and software algorithms for the system. After my graduation, I followed and joined in Prof. Lane A. Baker's group at Indiana University Bloomington in 2019. My current research interests include designing ultra-fast SICM system on biological dynamic topography. The fast scanning system is able to eliminate the common vulnerabilities of a slow traditional SICM and has more potential in better understanding the cellular metabolism through morphology change in a short elapse.

B. Positions

Professional Employment

Fall 2019 – Present	Associate Instructor, Indiana University, Department of Chemistry
Autumn 2017 – Spring 2019	Teaching Assistant, Southern University of Science and Technology, China, Department of Chemistry