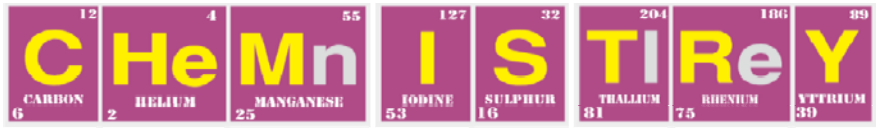
2019 NJU-UM SUMMER PROGRAM

Organized by

Nanjing University (NJU), University of Michigan (UM),
And faculty from associated institutions
July 1st-July11th , 2019

2019 NJU-UM SUMMER PROGRAM



Nanjing University, College of Chemistry, collaborates with the University of Michigan to create a 2-week summer school program, with classes running from July 1 to July 11, 2019. The program includes four courses taught by professors from US and Canada, as well as the opportunity for research experience in NJU laboratories.

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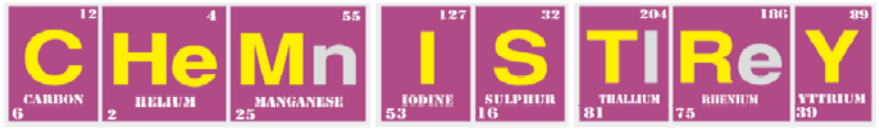


Monday, July 1 – Thursday, July 11

1. *Bio-Organic Mechanisms (1 credit; 16 hours)*

Prof. Brian P Coppola, Chemistry, University of Michigan

2. *Introduction to Chemical Biology (1 credit; 16 hours)*

Prof. Jean-Paul Desaulniers, Chemistry, University of Ontario Institute of Technology

3. *Instrumental analysis: Fundamentals and biological /biomedical applications (1 credit; 16 hours)*

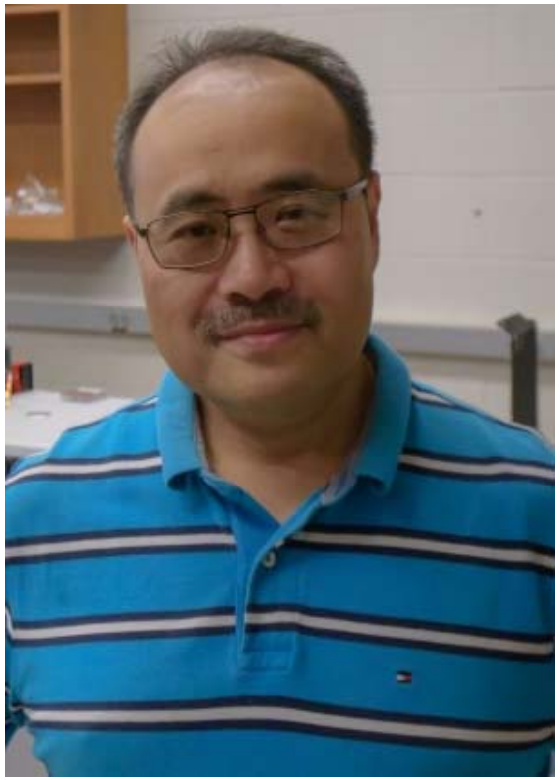
Prof. Zhan Chen, Chemistry, University of Michigan

4. *Polymer Chemistry –Physics Properties(1 credit; 16 hours)*

Prof. Edmund Palermo, Chemistry, Rensselaer Polytechnic Institute

Brian P. Coppola ("*Bio-Organic Chemistry Mechanisms*") is *Arthur F. Thurnau* Professor of Chemistry at the University of Michigan and the department's Associate Chair for Educational Development and Practice. He received his B.S. degree in 1978 from the University of New Hampshire and his Ph.D. in Organic Chemistry from the University of Wisconsin-Madison in 1984. He was promoted to Full Professor of Chemistry in 2001-2. His publications range from mechanistic organic chemistry research in 1,3-dipolar cycloaddition reactions to educational philosophy, practice and assessment.

Jean-Paul Desaulniers ("*Introduction to Chemical Biology*") was born and raised in Canada. He received his PhD from Wayne State University in 2005. Between2005-2008, was a postdoctoral fellow at the University of Michigan in Ann Arbor, Michigan. Since the fall of 2008,Jean-Paul started as an assistant professor in chemistry, and was promoted in 2013 to an associate professor. His research at UOIT focuses on developing unnatural scaffolds that are capable of controlling gene expression. Outside the lab and classroom, Jean-Paul enjoys running, playing music, and spending time with his family.



Zhan Chen ("Instrumental analysis: Fundamentals and biological/biomedical applications") is Professor of Chemistry, Macromolecular Science and Engineering, Biophysics, and Applied Physics at the University of Michigan. He received his B.S. degree in Chemistry in 1988 from Perking University, his M.S. degree in Physics from Institute of Physics, Chinese Academy of Sciences in 1991, and his Ph.D. in Chemistry from the University of California at Berkeley in 1998. He was promoted to Full Professor of Chemistry in 2009. His publications are focused on molecular level characterizations of complex polymer and biological interfaces. He is a senior editor for "Langmuir" and an associate editor-in-chief for Chinese Chemical Letters.

Ed Palermo (“*Materials/Polymer Chemistry – Polymer Physics & Mechanical Properties”)* is from Bay Shore, NY. He began doing research as a high school student with Miriam Rafailovich at SUNY Stony Brook (Stony Brook, NY) in the Department of Materials Science and Engineering. After completing a bachelor's degree in Mechanical Engineering at Cornell University (Ithaca, NY) in 2006, he moved to The University of Michigan(Ann Arbor, MI) and received a Ph.D. in Macromolecular Science and Engineering, under the mentorship of Kenichi Kuroda, in 2011. Following a postdoc position with Anne J. McNeil in Chemistry Department at U Michigan, Ed joined the faculty at RPI in 2014.

School of Chemistry & Chemical Engineering, Nanjing University

CHeMnISTReY

Welcome undergraduate and graduate students to attend!

School of Chemistry & Chemical Engineering, Nanjing University

热烈欢迎化学化工学院、生命科学学院、材料学院、匡亚明学院的本科生及研究生参加！

报名时间：2019年6月
报名网址：南京大学教务处选课系统

备注：2016、2017级化院拔尖学生务必参加（2016级去年已参加的今年可不用参加），若有特殊情况请向辅导员书面申请请假

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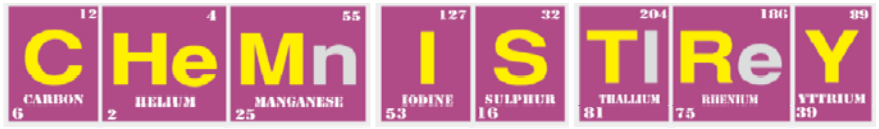

Course Schedule -2019 International Summer School

Chemistry Building A-216

	Monday July 1st	Tuesday July 2ed	Wednesday July 3rd	Thursday July 4th	Monday July 8th	Tuesday July 9th	Wednesday July 10th	Thursday July 11th
8:00–8:50 am	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms	Bio-Organic Mechanisms
9:00–9:50 am								
10:10–11:00 am	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology	Introduction to Chemical Biology
11:10–12:00 am								
2:00–2:50 pm	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications	Instrumental analysis: Fundamentals and biological /biomedical applications
3:00–3:50 pm								
4:10–5:00 pm	Polymer Chemistry – Physics Properties	Polymer Chemistry – Physics Properties	Polymer Chemistry – Physics Properties	Polymer Chemistry – Physics Properties	Polymer Chemistry –Physics Properties	Polymer Chemistry –Physics Properties	Polymer Chemistry –Physics Properties	Polymer Chemistry –Physics Properties
5:10–6:00 pm								