

SPRING 2018 UConn CHEMISTRY SEMINAR SERIES

PAGE 1 OF 2

CHEMISTRY COLLOQUIUM

GRADUATE STUDENT SEMINAR

ALL SEMINARS TAKE PLACE IN CHEMISTRY BUILDING A-203
SEMINARS ARE FREE & OPEN TO THE PUBLIC
CHEMISTRY.UCONN.EDU/ABOUT/EVENTS/COLLOQUIA

JAN 24
4:30PM

HISTORY TO MICROFLUIDICS: PROTEIN-BASED CANCER DIAGNOSTICS AND TOXICITY SCREENING

JAMES RUSLING, UConn | HOST: STEVEN SUIB

JAN 31
4:30PM

DESIGN AND SYNTHESIS OF ORGANIC SEMICONDUCTORS FOR ADVANCED APPLICATIONS

MALIKA JEFFRIES-EL, BOSTON UNIVERSITY | HOST: AMY HOWELL

FEB 1
4:45PM

THE CHEMISTRY OF NUCLEAR POWER

STEVEN BARSHAY, UConn | HOST: REBECCA QUARDOKUS

FEB 7
4:30PM

MULTISCALE MODELING FOR SELF-ASSEMBLED MATERIALS

JIANING LI, UNIVERSITY OF VERMONT | HOST: JING ZHAO

FEB 8
4:45PM

FROM CHIRALITY-ASSISTED SYNTHESIS TO POLYMER REPLICATION

SEVERIN SCHNEEBELI, UNIVERSITY OF VERMONT | HOST: JING ZHAO

FEB 14
4:30PM

METALS IN CELLS: THE INORGANIC FOUNDATION OF LIFE

AMIT REDDI, GEORGIA TECH | HOST: ALFREDO ANGELES-BOZA

FEB 15
4:45PM

THE CHALLENGES OF AUTOMATING CARBOHYDRATE SYNTHESIS AND ANALYSIS

NICOLA POHL, INDIANA UNIVERSITY BLOOMINGTON | HOST: AMY HOWELL

FEB 21
4:30PM

IRON COMPLEXES FOR THE REVERSIBLE HYDROGENATION OF CO₂ TO FORMIC ACID AND METHANOL

NILAY HAZARI, YALE UNIVERSITY | HOST: STEVEN SUIB

FEB 22
4:45PM

USING BIOLOGICAL AND INORGANIC METHODS TO EXPLORE THE ACTIVITY OF THE ANTIMICROBIAL PEPTIDE CLAVANIN A

SAM JULIANO, ANGELES-BOZA GROUP, UConn

FEB 28
4:30PM

ANNUAL GRADUATE STUDENT MEETING

CHRISTIAN BRÜCKNER, UConn

MAR 1
4:45PM

SINGLE CHAIN POLYMER NANOPARTICLES: A SYNTHETIC MIMICS FOR METALLOENZYMES

SRINIVAS THANNEERU, HE GROUP, UConn

MAR 7
4:00PM

R.T. MAJOR LECTURE SERIES THE ORIGIN OF CELLULAR LIFE

JACK SZOSTAK, MASSACHUSETTS GENERAL HOSPITAL & HARVARD MEDICAL SCHOOL | HOST: JESSICA ROUGE

MAR 8
11:00AM

R.T. MAJOR LECTURE SERIES IMAGING AND CONTROLLING CELLULAR BIOLOGY USING GENETICALLY ENCODED RNA DEVICES

SAMIE JAFFREY, CORNELL UNIVERSITY | HOST: JESSICA ROUGE

- MAR 8**
4:00PM
CHEM A120
- R.T. MAJOR LECTURE SERIES**
THE SURPRISING CHEMISTRY OF NONENZYMATIC RNA REPLICATION
JACK SZOSTAK, MASSACHUSETTS GENERAL HOSPITAL & HARVARD MEDICAL SCHOOL | HOST: JESSICA ROUGE
- MAR 14**
4:30PM
- NONLINEAR BLOCK COPOLYMERS-ENABLED CRAFTING OF NANOCRYSTALS WITH PRECISE CONTROLLED DIMENSIONS, COMPOSITIONS, AND ARCHITECTURES FOR ENERGY APPLICATIONS**
ZHIQUN LIN, GEORGIA TECH | HOST: JIE HE
- MAR 22**
4:45PM
- BREAKING AND MENDING OF THE PIGMENTS OF LIFE-INTRODUCTION OF OXYGEN HETEROCYCLIC INTO PORPHYRINIC FRAMEWORKS**
MEENAKSHI SHARMA, BRÜCKNER GROUP, UCONN
- MAR 29**
4:45PM
- PLASMON-ENHANCED ARTIFICIAL PHOTOSYNTHESIS**
NICK WU, WEST VIRGINIA UNIVERSITY | HOST: JING ZHAO/JIE HE
- APR 4**
4:30PM
- SIMPLE POLYMER MIMICS OF NATURAL PROTEINS ENABLE NEW OPPORTUNITIES IN DRUG DELIVERY AND ADVANCED MATERIALS**
GREGORY TEW, UMASS AMHERST | HOST: JIE HE
- APR 5**
4:45PM
- SYNTHESIS AND OPTICAL PROPERTIES OF Au NANOPARTICLE ASSEMBLY AND Au-SILICA HETEROSTRUCTURES**
YI LUO, ZHAO GROUP, UCONN
- APR 11**
4:30PM
- REACTIVITY OF BOROLES**
CALEB MARTIN, BAYLOR UNIVERSITY | HOST: GAËL UNG
- APR 12**
4:45PM
- BREAKING AND MENDING OF THE PIGMENTS OF LIFE-RING EXPANSION REACTIONS OF OCTAETHYLPORPHYRIN/OXIDATIVE CONVERSIONS OF PENTA-FLUOROPHENYLPORPHYRINS**
NISANSALA HEWAGE & RUOSHI LI, BRÜCKNER GROUP, UCONN
- APR 18**
4:30PM
- TBA**
JEFF GILDERSLEEVE, NCI-NIH | HOST: MARK PECZUH/KYLE HADDEN
- APR 19**
4:45PM
- ARTIFICIALLY INTELLIGENT POLYMERS**
YOAN C. SIMON, UNIVERSITY OF SOUTHERN MISSISSIPPI | HOST: RAJESWARI KASI
- APR 25**
4:30PM
- ALS AND UBQLN2: LIQUID-LIQUID PHASE SEPARATION OF UBQLN2 IS MODULATED BY OLIGOMERIZATION AND UBIQUITIN BINDING**
CARLOS CASTANEDA, SYRACUSE | HOST: ALFREDO ANGELES-BOZA
- APR 26**
4:45PM
- OPTOELECTRONIC INTERACTIONS OF QUANTUM DOTS WITH GOLD NANOPARTICLES AND BACTERIORHODOPSIN**
TERIANNA WAX, ZHAO GROUP, UCONN