

FALL 2024

UConn CHEMISTRY SEMINAR SERIES

CHEMISTRY COLLOQUIUM

GRADUATE STUDENT SEMINAR

SEMINARS ARE FREE & OPEN TO THE PUBLIC
[HTTPS://CHEMISTRY.UCONN.EDU/EVENTS/](https://chemistry.uconn.edu/events/)

W AUG 28 | 2:30PM
CHEM A-203

AB INITIO STUDY OF LANTHANIDE-BASED COMPLEXES: FROM SINGLEMOLECULE MAGNETS TO CIRCULARLY POLARIZED LUMINESCENCE AND MAGNETO-CHIRAL DICHOISM

BORIS LE GUENNIC, UNIVERSITY OF RENNES | HOST: DR. GAEL UNG

W SEP 4 | 2:30PM
CHEM A-203

PHOTONIC METAMATERIALS: FROM DATA-DRIVEN DESIGN TO CHIRAL SENSING

YONGMIN LIU, NORTHEASTERN UNIVERSITY | HOST: DR. JING ZHAO

TH SEP 5 | 3:30PM
CHEM A-203

ON NON-EQUILIBRIUM THERMODYNAMICS IN ELECTROCHEMICAL SYSTEMS

XIAODONG ZHOU, UCONN, CBE | HOST: DR. JIE HE

W SEP 11 | 2:30PM
CHEM A-203

FLUORESCENT IMAGING DYES WITH LARGE STOKES' SHIFT: DESIGNING, DEVELOPMENT AND APPLICATIONS

CHAT ABEYWICKRAMA, UCONN, PHARMACY | HOST: DR. MARK PECZUH

TH SEP 12 | 3:30PM
CHEM A-203

HARNESSING LUMINESCENCE FOR BIOIMAGING AND ADVANCED MATERIALS

ALEX LIPPERT, SOUTHERN METHODIST UNIVERSITY | HOST: DR. MICHAEL KIENZLER

W SEP 18 | 2:30PM
CHEM A-203

CHARACTERIZATION OF MRNA AND MAPPING RNA MODIFICATIONS BY MASS SPECTROMETRY

ERIC WOLF, NEW ENGLAND BIOLABS | HOST: DR. DAN FABRIS

TH SEP 19 | 3:30PM
CHEM A-203

INNOVATIVE RESEARCH AND PATENTING 101— AN INTRODUCTION TO INTELLECTUAL PROPERTY, LICENSING, AND ENTREPRENEURSHIP BY UCONN'S OFFICE OF TECHNOLOGY COMMERCIALIZATION SERVICES (TCS)

MICHAEL A. INVERNALE, TECHNOLOGY COMMERCIALIZATION SERVICES, OVPR | HOST: DR. VJ KUMAR & DR. GREG SOTZING

W SEP 25 | 2:30PM
CHEM A-203

MAKING AND BREAKING ANTIBIOTICS

TIM WENCEWICZ, WASHINGTON UNIVERSITY, ST. LOUIS | HOST: DR. MARK PECZUH

TH SEP 26 | 3:30PM
CHEM A-203

INTEGRATIVE LEARNING OF INTENSITY FLUCTUATIONS OF QUANTUM DOTS UNDER EXCITATION: A DATA SCIENCE PERSPECTIVE

KUN CHEN, UCONN, STATISTICS | HOST: DR. JING ZHAO

W OCT 2 | 2:30PM
CHEM A-203

THE CONFORMATION AND CONNECTIVITY OF HETEROARYL AZO PHOTOSWITCHES (AND WHY YOU SHOULD CARE)

MATT FUCHTER, IMPERIAL COLLEGE LONDON | HOST: DR. MICHAEL KIENZLER & DR. GAEL UNG

TH OCT 3 | 3:30PM
CHEM A-203

FACILE DENSIFICATION OF 3-D CARBON WEAVES VIA A SATURATED SALT INFILTRATION METHOD

JOE VALUS, UCONN | HOST: DR. STEVE SUIB

W OCT 9 | 2:30PM
CHEM A-203

COLLISIONAL ACTIVATION OF PROTEIN IONS WITHIN A TRAPPED ION MOBILITY DEVICE

NICK BOROTTO, UNIVERSITY OF NEVADA | HOST: DR. XUDONG YAO & DR. DAN FABRIS

TH OCT 10 | 3:30PM
CHEM A-203

DNA DAMAGE, MUTAGENESIS, AND CANCER

ASHIS BASU, UCONN, CHEMISTRY | HOST: DR. AMY HOWELL

W OCT 16 | 2:30PM
CHEM A-203

~ TENTATIVE TITLE ~

BRAD OLSEN, MASSACHUSETTS INSTITUTE OF TECHNOLOGY | HOST: DR. YAO LIN

TH OCT 17 | 3:30PM
CHEM A-203

PHOTOMEDIATED COMPLEX FLUOROPOLYMER SYNTHESIS

ALEXANDRU D. ASANDEI, UCONN, CHEMISTRY | HOST: DR. JIE HE

W OCT 23 | 2:30PM
CHEM A-203

THREE DIMENSIONAL POROUS FUNCTIONAL MATERIALS AND THEIR APPLICATIONS

ZHENGTAO ZHU, SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY | HOST: DR. YAO LIN

W OCT 30 | 2:30PM
CHEM A-203

TOWARDS PREDICTIVE PROTEIN SEPARATIONS: IMAGING PROTEIN DYNAMICS AT NANOSCALE INTERFACES

CHRISTY LANDES, UIUC, CHEMISTRY | HOST: DR. JING ZHAO & DR. JIE HE

TH OCT 31 | 3:30PM
CHEM A-203

INSIGHTS FROM SINGLE PARTICLE SPECTROSCOPY OF PLASMONIC NANOSTRUCTURES

STEPHEN LINKS, UIUC, CHEMISTRY | HOST: DR. JING ZHAO & DR. JIE HE

TH NOV 7 | 3:30PM
CHEM A-203

IMPLANTABLE BIOSENSORS AND MICROFLUIDICS TO UNLOCK BRAIN CHEMISTRY

YI ZHANG, UCONN, BME | HOST: DR. JIE HE

W NOV 13 | 2:30PM
CHEM A-203

π -EXTENDED PORPHYRINS: FROM KNOWN TO UNKNOWN

HONG WANG, UNIVERSITY OF NORTH TEXAS | HOST: DR. CHRISTIAN BRUECKNER

TH NOV 14 | 3:30PM
CHEM A-203

THE CHEMISTRY BEHIND PRESENTING CHEMISTRY: PERSONAL TIPS AND TRICKS TOWARDS IMPROVING PRESENTATION SKILLS

GAEL UNG, UCONN, CHEMISTRY | HOST: PLU

W NOV 20 | 2:30PM
CHEM A-203

TAILORING NONPRECIOUS METAL NANOSTRUCTURES FOR ELECTROCATALYSIS

JINGYI CHEN, UNIVERSITY OF ARKANSAS | HOST: DR. JIE HE

TH NOV 21 | 3:30PM
CHEM A-203

BENCH-STABLE COBALT (III) COMPLEXES FOR EFFICIENT CARBONYL ADDITIONS, CROSS-COUPPLINGS, AND THE SYNTHESIS OF NATURAL PRODUCTS

KYLE LAMBERT, OLD DOMINION UNIVERSITY | HOST: DR. AMY HOWELL

TH DEC 5 | 3:30PM
CHEM A-203

NEW ENERGY SOLUTIONS WITH COMPUTATIONAL MATERIALS CHEMISTRY

GUOXIANG (EMMA) HU, GEORGIA TECH | HOST: DR. JING ZHAO