

SPRING 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 JAN 17 | 2:30PM
CHEM A-120

MARINE MOLLUSC – INSPIRED ANTIMICROBIAL PEPTIDES FOR INFECTION CONTROL

LAWRENCE S. BORQUAYE, WELLESLEY COLLEGE | HOST: DR. ALFREDO ANGELES-BOZA

W JAN 31 | 2:30PM
CHEM A-120

STRAIN-LOCALIZE EXCITATIONS, STRONG COUPLING, AND NONLINEAR VAN DER WAALS PHOTONICS IN 2D SEMICONDUCTORS

JAMES SCHUCK, COLUMBIA UNIVERSITY | HOST: DR. J. NATHAN HOHMAN

W FEB 7 | 2:30PM
CHEM A-120

TITLE TO BE ANNOUNCED

JONATHON CARANTO, UNIVERSITY OF CENTRAL FLORIDA | HOST: DR. ALFREDO ANGELES-BOZA

TH FEB 8 | 3:30PM
CHEM A-203

TITLE TO BE ANNOUNCED

STEVEN LOPEZ, NORTHEASTERN UNIVERSITY | HOST: ALLIANCE FOR DIVERSITY IN SCIENCE & ENGINEERING (ADSE)

W FEB 14 | 2:30PM
CHEM A-120

HDL COMPOSITION AS A DETERMINANT OF ITS IMMUNOMODULATORY PROPERTIES: IMPLICATIONS FOR DIETARY AND THERAPEUTIC INTERVENTIONS

CATHERINE J. ANDERSEN, UCONN DEPARTMENT OF NUTRITIONAL SCIENCES | HOST: DR. ALEX AKSENOV

TH FEB 15 | 3:30PM
CHEM A-203

DEVELOPMENT OF A QCM IMMUNOSENSOR FOR IGG DETECTION VIA NON-SPECIFIC AUNPS-ANTIBODY INTERACTIONS AND SILVER ENHANCEMENT

CHEN SONG, UCONN CHEMISTRY | HOST: DR. JING ZHAO

W FEB 21 | 2:30PM
CHEM A-120

TITLE TO BE ANNOUNCED

VLADIMIR PAPOV, BOEHRINGER INGELHEIM PHARMACEUTICALS | HOST: DR. DAN FABRIS

W FEB 28 | 2:30PM
CHEM A-120

EXPLORING HIGH-AFFINITY “CHEMICAL ANTIBODIES”: FROM DISCOVERY TO TRANSFORMATIONAL APPLICATIONS

YONG WANG, PENNSYLVANIA STATE UNIVERSITY | HOST: DR. YAO LIN

TH FEB 29 | 3:30PM
CHEM A-203

INTERFACING NUCLEIC ACID CHEMISTRY WITH ENGINEERING: FROM CRISPR TO DIAGNOSTIC DEVICES

CHANGCHUN LIU, UCONN HEALTH | HOST: JIM RUSLING

W MAR 6 | 2:30PM
CHEM A-120

GLYCOMACROMOLECULES FOR PATHOGEN TARGETING

NICOLE SNYDER, DAVIDSON COLLEGE | HOSTS: DR. AMY HOWELL & DR. MARK PECZUH

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

ALL GRADUATE STUDENT MEETING

HOST: DR. MARK PECZUH

W MAR 20 | 2:30PM
CHEM A-120

CHARACTERIZATION OF MRNA AND MAPPING RNA MODIFICATIONS BY MASS SPECTROMETRY

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

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W MAR 27 | 2:30PM
CHEM A-120

THE CHEMISTRY, OPTICS, AND EVOLUTION OF AVIAN PLUMAGE COLORATION
RICHARD PRUM, YALE UNIVERSITY | HOST: DR. CHRISTIAN BRUECKNER

TH MAR 28 | 3:30PM
CHEM A-203

TITLE TO BE ANNOUNCED
LINDSEY HANSON, TRINITY COLLEGE | HOST: DR. JIE HE & DR. ALFREDO ANGELES-BOZA

TH APR 4 | 1:00 PM
CHEM A-203

RT MAJOR LECTURE SERIES: THE GLOBAL ENERGY CHALLENGE

DAN NOCERA, HARVARD UNIVERSITY | HOST: DR. JOSE GASCON

TH APR 4 | 3:30 PM
CHEM A-203

RT MAJOR LECTURE SERIES: FROM PHOTODYNAMIC THERAPY TO PHOTOVOLTAICS: PHOTOPHYSICS OF Pd(II)BILADIENE AND CHARGER CARRIER DYNAMICS IN THIN FILMS OF LIGHT HARVESTING Sb2S3

ELIZABETH YOUNG, LEHIGH UNIVERSITY | HOST: DR. JOSE GASCON

F APR 5 | 11:00 AM
CHEM A-203

RT MAJOR LECTURE SERIES: FOOD AND FUEL FROM THIN AIR, ANY WATER AND THE SUN

DAN NOCERA, HARVARD UNIVERSITY | HOST: DR. JOSE GASCON

W APR 10 | 2:30PM
CHEM A-120

EXPERIMENTAL FOUNDATIONS FOR EXPLORING CRYSTALLOGRAPHIC DARK MATTER

JAMES HOHMAN, UCONN

TH APR 11 | 3:30PM
CHEM A-203

NANOFIBRILLAR HYDROGELS: MIMIC THE ARCHITECTURE AND MECHANICAL PROPERTIES OF NATIVE BIOLOGICAL TISSUES

EUGENIA KUMACHEVA, UNIVERSITY OF TORONTO | HOST: DR. JIE HE

W APR 17 | 2:30PM
CHEM A-120

MAKING POOR METALS RICH AT THE NANOSCALE

MICHAEL B. ROSS, UMASS LOWELL | HOST: DR. JESSICA ROUGE

W APR 24 | 2:30PM
CHEM A-120

TITLE TO BE ANNOUNCED

SHABNAM HEMATIAN, UNC GREENSBORO | HOST: DR. GAËL UNG

TH APR 25 | 3:30PM
CHEM A-203

CHALCOGENIDE AEROGELS: NANOSTRUCTURED ARCHITECTURES FOR ENERGY AND THE ENVIRONMENT

STEPHANIE BROCK, WAYNE STATE UNIVERSITY | HOST: DR. JIE HE

W MAY 1 | 2:30PM
CHEM A-120

NANO- AND MICRO-TECHNOLOGIES FOR DATA-DRIVEN SYSTEMS BIOLOGY
HEE-SUN HAN, UIUC | HOST: DR. JING ZHAO