Tulane School of Science & Engineering Seminars
(Open to the Public)
Compiled by the Science and Engineering Honor Society (SEHS)

/ Fall 2018 /

Week of October 1

Monday

Title TBA
Thomas Teets, PhD – University of Houston
4:00 PM, Howard Tilton B07
Chemistry

“Establishing trust through programming with proofs”
Brigitte Pienka, PhD – McGill University
3:30 PM, Stanley Thomas 302
Computer Science

“Intercalation in Layered Two-dimensional Transition Metal Carbides “MXenes”: More Complex than it First Appeared”
Michael Naguib, PhD – Tulane University
3:00 PM, Howard Tilton B11
Physics and Engineering Physics

Tuesday

“The Mathematics of Music”
Nathan Bedell – Tulane University
4:30 PM, Stanley Thomas 316
Mathematics

Wednesday

“Neuromodulatory signaling in space and time”
Hainang Zhong, PhD – Oregon Health & Science University
4:00 PM, Jones 102
Neuroscience

“Constructing a $SS_n$ module for $(-1)^{n-1} \nabla p_n$”
Soumya Banerjee – Tulane University
3:00 PM, Gibson 325
Mathematics

**Thursday**

“Biomedical applications for ultrasound-triggered exploding nanodroplets”
Tyrone Porter, PhD – Boston University
4:00 PM, Boggs 104
Biomedical Engineering

**Friday**

“Connecting Protein Structure and Interfacial Dynamics with Single-Molecule Methods”
Joel Kaar, PhD – University of Colorado
2:00 PM, Boggs 240
Chemical and Biomolecular Engineering

“Sequence boundaries or autogenic erosional surfaces? Scaling backwater hydrodynamics in fluvio-deltaic stratigraphy”
Vamsi Ganti, PhD – UC Santa Barbara
12:00 PM, SELAB Complex 206
Earth and Environmental Science

*Title TBA*
Denys Bondar, PhD – Tulane University
3:30 PM, Gibson 310
Mathematics

“Revisiting the Tulane Study on Black Personality”
William Cross, PhD – University of Denver
3:30 PM, Jones 204
Psychology