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

/ Spring 2013 /

<table>
<thead>
<tr>
<th>&quot;Lecture Title&quot;</th>
<th>Speaker’s name – Affiliated University/Organization</th>
<th>Time and Location</th>
<th>Sponsoring Department/Organization</th>
<th>Special Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Modeling Dynamic Networks in Changing Populations Based on Static Egocentrically-Sampled Data“</td>
<td>Pavel Krivitsky, PhD – Penn State University</td>
<td>3:30PM, Gibson 414</td>
<td>Mathematics</td>
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<td>&quot;Transformations of moment sequences“</td>
<td>Christian Berg, PhD – University of Copenhagen</td>
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<td>Mathematics</td>
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</tr>
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<td>&quot;Vascular Neurology*”</td>
<td>Sheryl Martin-Schild, MD, PhD – Tulane University Hospital and Clinic</td>
<td>4PM, LBC 213 (Kendall)</td>
<td>Neuroscience</td>
<td></td>
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</tbody>
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*If an asterisk is present, then the lecture title is inferred

## Week of January 14th

**Tuesday**

"Modeling Dynamic Networks in Changing Populations Based on Static Egocentrically-Sampled Data“  
Pavel Krivitsky, PhD – Penn State University  
3:30PM, Gibson 414  
Mathematics

**Thursday**

"Transformations of moment sequences“  
Christian Berg, PhD – University of Copenhagen  
3:30PM, Gibson 414  
Mathematics

"Vascular Neurology*“  
Sheryl Martin-Schild, MD, PhD – Tulane University Hospital and Clinic  
4PM, LBC 213 (Kendall)  
Neuroscience
Friday

“Models, genomes, and trees: next-generation studies of phylogenetics”
Jeremy Brown, PhD – Louisiana State University
11AM, LBC 212 (Qatar)
Ecology and Evolutionary Biology

“Sedimentary rock and climate change*”
Julia Smith Wellner, PhD – University of Houston
12PM, Boggs 240
Earth and Environmental Sciences

“Evaluation of the Cooling Trend in the Ionosphere Using Functional Regression with Incomplete Curves”
Oleksandr Gromenko, PhD – Utah State University
3:30PM, Gibson 414
Mathematics

“TGF-1, Vascular Aging and Atherosclerosis”
Patrice Delafontaine, MD – Tulane School of Medicine (Heart and Vascular Institute)
4PM, Jones 102
Cell & Molecular Biology