The Scripps Research Institute
Graduate Program
Biological Chemistry

Contact Information
Course Director: Professor Peter G. Schultz
Office: Stein Research 202
Phone: 858-784-9303
E-mail: schultz@scripps.edu

Teaching Assistants:
Mike Bollong
Office: Stein Research 208B
E-mail: mbollong@scripps.edu

Han Xiao
Office: Stein Research 208C
E-mail: xiaoken@scripps.edu

Marie Malone
Florida Campus
E-mail: mmalone@scripps.edu

Course Information
Semester, Year: Fall, 2014
Meeting day, time: Monday/Wednesday, 8:00a-9:30a
Course Location: Keck

Schedule

<table>
<thead>
<tr>
<th>Topic</th>
<th>Lecture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nucleic Acid Structure and Recognition</td>
<td>9/8, 9/10, 9/15, 9/17</td>
</tr>
<tr>
<td>Protein Structure and Folding</td>
<td>9/22, 9/24, 9/29</td>
</tr>
<tr>
<td>Enzyme Mechanisms, Kinetics and Inhibition</td>
<td>10/1, 10/6, 10/8, 10/15</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>10/20</td>
</tr>
<tr>
<td>Drug Discovery (Screening and Med Chem)</td>
<td>10/27, 10/29</td>
</tr>
<tr>
<td>Synthetic Chemical Biology</td>
<td>11/3, 11/5, 11/10, 11/12, 11/17</td>
</tr>
<tr>
<td>Small Molecule Probes of Cellular Function</td>
<td>11/19, 11/24, 12/1, 12/3, 12/8</td>
</tr>
</tbody>
</table>
Grading
The midterm and final (1.5hr) each constitute 50% of the final grade.

Texts and Journal References
Required: None

Useful to consult, on reserve in the library:
1. Structure and Mechanism in Protein Science
   Alan Fersht
   W.H. Freeman
2. Introduction to Protein Structure
   Carl Branden & John Tooze
   Second Edition
   Garland Science
   W. H. Freeman; 1st edition (April 15, 1980)
   W. H. Freeman; 1st edition (April 15, 1980)
   W. H. Freeman; 1st edition (April 15, 1980)
6. The Molecules of Life
   John Kuriyan, Boyana Konforti, David Wemmer
   Garland Science
7. Enzyme Mechanisms
   Christopher Walsh
   W.H. Freeman