

Schedule for 7800 Biochemistry Seminar Series, Spring 2007

Month	Date	Speaker	Type	
January	19	No mtg		
	26	RoundTable	Peters work	On the Feasibility of N ₂ Fixation via a Single-site Fe ^I /Fe ^{IV} Cycle: Spectroscopic Studies of Fe ^I (N ₂)Fe ^I , Fe ^{IV} ≡N, and Related Species. Hendrich, M. P.; <i>et al.</i> <i>PNAS</i> 2006 ; <i>103</i> ; 17107-17112.
February	2	No mtg		
	9	No mtg		
	16	Darek Sliwa	literature	Discussion of "Trigger factor in complex with the ribosome forms a molecular cradle for nascent proteins" Ferbitz, L. <i>et al.</i> , <i>Nature</i> 2004 , 431:590-596.
	23	Brenda Suh		Discussion of "Live-Cell Imaging of Enzyme-Substrate Interaction Reveals Spatial Regulation of PTP1B" Yudushkin, IA, <i>et al.</i> , <i>Science</i> 2007 , 315:115-119.
March	2	No mtg		
	9	No mtg		
	16	SPRING BREAK		
	23	Missy Beighley	research	Studies of 2-ketopropyl CoM oxidoreductase/carboxylase
	30	Undergraduate Student Presentations		
April	6	Undergraduate Student Presentations		
	13	Ashwini Wagh Ameya	Research	Molecular and biochemical analysis of alkene metabolism in <i>Xanthobacter autotrophicus</i> Py2
	20	Danyal Bishnu Regmi	Literature Research	Discussion of "Distribution and three-dimensional structure of AIDS virus envelope spikes" Zhu <i>et al.</i> , <i>Nature</i> 2006 . 441:847-852. Modification of ferritin during iron loading
	27	Brad Whalen Alejandro Pabon	Literature Research	Discussion of "Molecular Basis for the Herbicide Resistance of Roundup Ready Crops" Funke <i>et al.</i> <i>PNAS</i> 2006 . 103:13010-15. Preliminary biochemical studies of the <i>Azotobacter vinelandii</i> V-nitrogenase