

**P1 Weekly Schedule Fall Term 2009**

Week of	Monday PDA 5118 9-9:50 AM; Salk 456	Monday A&P 1 5114 10-10:50 AM, Salk 456	Monday Biochem 1 5116 11-11:50 AM Salk 456	Monday POP 1 5110, 1-1:50 PM; 2-5 PM Salk 402	Tuesday POP 1 5110 10-10:50 AM, Salk 456	Tuesday Biochem 1 5116, 11-11:50 AM, Salk 456	Wed A&P 1 5114, 10-10:50 AM Salk 456	Wed PDA 5118, 11-11:50 AM Salk 456	Wed POP 1 5110 1-1:50 PM; 2-5 PM Salk 402	Thursday A&P 1 5114 10-10:50 AM Salk 355	Thursday Biochem 1 5116, 11-11:50 AM Salk 355	Friday PDA 5118, 9-9:50 AM; 10 – 1 PM Salk 402	Friday POP 1 5110 1 – 5 PM
8/31	Course Overview, Group Assign., & Use of Black-board.	Intro – A&P (Vollmer)	Foundations (Gold)	Intro & Requirements (Smith & Pater)	Professionalism (Smith)	Foundations (Gold) <b>1 – 5PM: Exp Learning BST S120</b> Course Overview (Connor & Drab)	Cellular Physiology (Vollmer)	Drugs: Historical Perspectives (Minnigh)	Medication Experience (McGivney)	Cellular Physiology (Vollmer)	Water (Gold)	Drugs: discovery & development (Minnigh); <b>Practicum</b> Intro to pharm calculation pre-test (Pschirer)	
9/7	<b>LABOR DAY</b>				Professionalism (Smith)	Water (Gold)	Cell Membrane Organization & Cellular Transport Process I (Vollmer)	Overview Doseage Form to Receptor (Minnigh)	Medication Experience (Faculty) <b>Practica</b> Philos. of pharmacist-delivered patient care (McGivney)	Cell Membrane Organization & Cellular Transport Process II (Vollmer)	Water (Gold)	Aqueous Solutions (Minnigh) <b>Practicum</b> Calculations – Weights & Measures (Pschirer)	
9/14	Doseage Form Disintegration/dissolution (Minnigh)	Comp. of Body Fluids (Vollmer)	Amino Acids/ Proteins (Gold)	Intro to Dispensing (Pater) <b>1-3pm: A-H</b> <b>3-5pm: I-P</b>	No class (2 students to Drug Info center)	Amino Acids/ Proteins (Gold)	Membrane Potentials (Vollmer)	Transport of Drugs Across Biomembranes (Minnigh)	Pt exper. <b>402 Salk</b> 1-3: A-H 3-5: I-P (Schonder) <b>810 Lab</b> 1-3: I-P 3-5: A-H (Elrod)	Formation & Propagation of Action Potentials (Vollmer)	Carbohydrates (Gold)	Transport of drugs (Minnigh); <b>Practicum</b> Density & specific gravity, formulas, dilution (Pschirer)	
9/21	Drugs as Weak Acids & Weak Bases (Minnigh)	Skeletal Muscle Anatomy (Vollmer)	Lipids (Gold)	Pharmaceutical Care Work-up Case #1 (McGivney) <b>1-3pm: A-H</b> <b>3-5pm: I-P</b>	Prof. Role of Pharm Intern (Gainor)	Nucleic Acids (Gold)	Excitation Contraction Coupling I (Vollmer)	Drugs as Weak Acids & Weak Bases (Minnigh)	Pharmacist Clinical Thought Process & Intro to Drug-related Problems (McGivney) <b>1-3pm: A-H</b> <b>3-5pm: I-P</b>	Excitation- Contraction Coupling II (Vollmer)	Nucleic Acids (Gold)	Chemical bonds (Minnigh); <b>Practicum</b> Community practice calculations (Pschirer)	Block 1 to Falk Experience (2 students to IPPE Presby Inpatient Pharmacy)

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9/28	Stereo-chem. & Pharmacological Activity (Minnigh)	Smooth Muscle-Organization & Function (Vollmer)	<b>EXAM 1</b> Scaife 6	Intro to Patient Care Plan & Case Presentation (McGivney) <b>1-3pm: I-P</b> <b>3-5pm: A-H</b>	No class	Protein Structure (Kirillova)	Anatomy of the CNS-Brain (Vollmer)	Bioisosterism (Minnigh)	Patient Care Interview skills (Schonder) <b>1-3pm: I-P</b> <b>3-5pm: A-H</b>	<b>EXAM 1</b> Scaife 6	Protein Structure (Kirillova)	Stability of drugs (Minnigh); <b>Practicum</b> Hospital practice calculations (Pschirer)	<b>Inter-professional Forum (Scaife 5 &amp; 6)</b>
10/5	Principles of Drug-Receptor Interactions (Zemaitis)	Anatomy of the CNS-Brain (Vollmer)	Protein Structure (Kirillova)	<b>BLOCK ACTIVITY</b> 402 Salk: Stand. Patients, 810 Salk: Disp. Lab, PCLC: Top Drugs	<b>QUIZ</b>	Protein Structure (Kirillova)	Anatomy of the CNS-Brain Spinal Cord (Vollmer)	Principles of Drug-Receptor Interaction (Zemaitis)	Course outcomes discussion (Connor & Drab); Community Resources (McKendree)	Sensory Pathways (Vollmer)	Protein Function (Kirillova)	<b>EXAM # 1</b> (402 Salk & PCLC)	Blocks 1 & 2: Community Pharmacy Exper.; Block 3 Falk Exper.
10/12	Dose-Response Curves (Zemaitis)	Pain, Temperature & Touch (Vollmer)	Protein Function (Kirillova)	Systematic Approach to Drug Information Questions (Pummer)	Drug Information Resources (Pummer)	Protein Function (Kirillova)	Motor Pathways Pyramidal Tract (Vollmer)	Dose-Response Curves (Zemaitis)	<b>A-H:</b> Use of Resources Literature Re-trieval (Pummer) <b>I-P:</b> Lit retrieval tutorial	Motor Pathways Extra Pyramidal Pathways (Vollmer)	Protein Function (Kirillova)	Enzyme targets for drug actions (Zemaitis) <b>Practicum</b> "Internet Drug Stores" (Zemaitis)	Blocks 2 & 3: Community Pharmacy Exper.; Block 4 Falk Exper.
10/19	Hormone/neuro-transmit Receptors & Drug Action (Zemaitis)	Cerebellum & Basal Ganglia (Vollmer)	Enzymes (Kirillova)	<b>I-P:</b> Use of Resource Literature Retrieval (Pummer) <b>A-H:</b> Lit retrieval tutorial	Systematic Search: putting it all together (Pummer)	Enzymes (Kirillova)	Equilibrium (Vollmer)	Routes of Drug Administration & Absorption (Zemaitis)	Development of Patient Care Plan (McGivney) <b>1-3: I-P</b> <b>3-5: A-H</b>	Control of Thirst & Hunger (Vollmer)	Enzymes (Kirillova)	Drug absorption (Zemaitis) <b>Practicum</b> Brand vs. generics (Zemaitis)	Blocks 3 & 4: Community Pharmacy Exper.; Block 5 Falk Exper.

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10/26	Drug Distribution (Zemaitis)	<b>EXAM 2</b> Scaife 6	Enzymes (Kirillova)	Mid – course Eval; Myers-Briggs (Meyer)	No class	Enzymes (Kirillova)	Smell & Taste (Vollmer)	Drug Distribution (Zemaitis)	Ethical Principles (Gibbs)	Vision & Hearing (Vollmer)	Mem-branes Transport (Kirillova)	Drug metabo-lism (Zemaitis) <b>Practicum</b> Drug-drug interactions (Zemaitis)	Blocks 4 & 5: Community Pharmacy Exper.; Block 6 Falk Exper.
11/2	Drug Metabo-lism (Zemaitis)	Thermo-regulation (Vollmer)	Mem-branes Transport (Kirillova)	<b>BLOCK ACTIVITY</b> 402 Salk: Stand. Patients, 810 Salk: Disp. Lab, PCLC: Top Drugs	<b>QUIZ</b>	Mem-branes Transport (Kirillova)	Organiza-tion & Functions of the Mam-malian Nervous System (Dixit)	Drug Excretion (Zemaitis)	Ethical Decision Making; <b>Pract:</b> Ethical Practice (Gibbs)	Synapse & Synaptic Transmis-sion (Dixit)	Genes Chromo-somes (Liu)	Pharmaco-kinetics 1st vs. Zero Order Process (Poloyac)	Blocks 5 & 6: Community Pharmacy Exper.; Block 7 Falk Exper.
11/9	No class	Neuro-transmit-ters, Neuro-modu-lators & Receptor (Dixit)	<b>EXAM 2</b> Scaife 6	<b>Exp Learn:</b> Course outcomes discuss; Breakout sessions (Connor & Drab)	No class	Genes Chromo-somes (Liu)	Sum-mation, Facilitation & Inhibi-tion of Synaptic Transmis-sion (Dixit)	Pharmaco-kinetics 1 <sup>st</sup> Order vs. Zero Order Process (Poloyac)	<b>Career Expo</b>	Neural Integration & Factors Affecting Synaptic Transmis-sion (Dixit)	Genes Chromo-somes (Liu)	<b>EXAM # 2</b> (Scaife 6)	Blocks 6 & 7: Community Pharmacy Exper.; Block 8 Falk Exper.
11/16	Pharmaco-kinetics 1 <sup>st</sup> Order vs. Zero Order Process (Poloyac)	<b>EXAM 3</b> Scaife 6	DNA Metabo-lism (Liu)	<b>810B A-H:</b> Stand. Patient Practice; <b>402 Salk I-P:</b> Physical Assess-ment Skills (Schonder , Folan, Seybert)	<b>QUIZ ETHICS</b> (Gibbs)	DNA Metabolism (Liu)	Intro-Autonomic Nervous System (Dixit)	Pharmaco-kinetics 1 <sup>st</sup> Order vs. Zero Order Process (Poloyac)	<b>810B I-P:</b> Standard-ized Patient Practice; <b>402 Salk A-H:</b> Physical Assess-ment Skills (Faculty)	Autonomic Nervous System-Functional Anatomy (Dixit)	DNA Metabolism (Liu)	Pharmaco-kinetics I.V. Bolus Drug Admin. (Poloyac) <b>Practicum</b> Pharmaco-kinetic Case Studies (Poloyac)	Blocks 7 & 8: Community Pharmacy Exper.; Block 9 Falk Exper.

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11/23	Pharmacokinetics I.V. Bolus Drug Admin. (Poloyac)	Autonomic Nervous System- Functional Anatomy (Dixit)	RNA Metabo- lism (Liu)	Intro to Friends & Family Assign. (McGiv- ney) Blood Pressure Assess- ment (Faculty)	Ethics Debrief (Gibbs) ; Professional Ethics Discuss	RNA Metabolism (Liu)	<b>THANKSGIVING BREAK</b>						
11/30	Pharmacokinetics I.V. Bolus Drug Admin. (Poloyac)	Autonomic Nervous System- Physiology (Dixit)	RNA Metabo- lism (Liu)	<b>BLOCK ACTIVITY</b> 402 Salk: Stand. Patients, 810 Salk: Disp. Lab, PCLC: Top Drugs	<b>QUIZ</b>	Protein Metabolism (Liu)	Autonomic Nervous System- Physiology (Dixit)	Pharmacokinetics Drug Elimination (Poloyac)	<b>Exp Learn:</b> Psycho- social Perspec- tives & Health Care System; Population lessons (Connor/ Jonkman)	Autonomic Nervous System- Physiology (Dixit)	Protein Metabolism (Liu)	Pharmacokinetics Drug Elimination (Poloyac) <b>Practicum</b> Pharma- cokinetics Practice Exam (Poloyac)	Blocks 8 & 9: Com- munity Pharm- acy Exper
12/7	Pharmacokinetics Drug Elimina- tion (Poloyac)	Autonomic Nervous System- Physiology (Dixit)	Gene Regula- tion (Liu)	<b>Standard- ized Patient FINAL</b>	No class	Gene Regulation (Liu)	Autonomic Nervous System- Physiology (Dixit)	Pharmacokinetic Drug Elimination (Poloyac)	Class Wrap-up (Smith & Pater)	Autonomic Nervous System- Physiology (Dixit)	Gene Regulation (Liu)	<b>Practicum</b> Review Session <b>Calcula- tions Exit EXAM</b> (Zemiatis)	Block 9: Com- munity Pharm- acy Exper
12/14	<b>FINALS WEEK</b>												