









CORE COURSE 2009 SCHEDULE

KEY

Rooms

BRB	Bressler Research Building
HH	Howard Hall
HLH	Hosick Lecture Hall (BRB 1-010)
HSF II	Health Sciences Facility II Auditorium
LL	HS/HSL Library Lower Level

Course Components

	Section Intros
	Bioinformatics
	Problem Sets
	Regular lectures
	Reviews
	Special Topics Lectures
	Student conferences
	Techniques Lectures

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY AUG 24	TUESDAY AUG 25	WEDNESDAY AUG 26	THURSDAY AUG 27	FRIDAY AUG 28
	SECTION 1: MOLECULAR BIOLOGY				
9:00 AM	HSF II Course Introduction (T. Abrams)				
9:30 AM	HSF II Section Intro Gerald Wilson	HSF II Prokaryotic DNA Repair & DNA Recombination (A. Drohat)	HSF II DNA Repair-Related Diseases (A. Tomkinson)	HSF II Introduction to Molecular Biology Techniques II (I. Farrance)	HSF II RNA Metabolism RNA Synthesis, Polymerases & Promoter Basics (G. Wilson)
10:00 AM	HSF II DNA & Chromosome Basics (A. Gnatt)				
10:30 AM		HSF II Eukaryotic DNA Repair (A. Tomkinson)	HSF II Introduction to Molecular Biology Techniques I (I. Farrance)	HSF II PCR Techniques (I. Farrance)	HSF II Regulation of Transcription: Chromatin Re-Modeling & Transcription Factors I (G. Wilson)
11:00 AM	HSF II DNA Replication in Pro- & Eukaryotes (M. Oram)				
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM		HSF II Hypothesis Testing (T. Abrams & B. Alger)	HSF II How to Read & Present a Scientific Paper (G. Wilson)		HH 242 A-D & 244 A-D 1:00 PM - 2:15 PM Set-up Tutorial Quiz and Discussion
1:30 PM					
2:00 PM					
2:30 PM					HSF II 2:30 PM - 4:30 PM Review Session
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 1

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY Aug. 31	TUESDAY SEPT. 1	WEDNESDAY SEPT. 2	THURSDAY SEPT. 3	FRIDAY SEPT. 4
	SECTION 1: MOLECULAR BIOLOGY				SECT. 2: GENETICS
9:00 AM					HSF II Section Intro Joana Carneiro Da Silva
9:30 AM	HSF II Regulation of Transcription: Chromatin Re-Modeling & Transcription Factors II (G. Wilson)	HSF II Translation and Translational Control of Gene Expression (G. Wilson)	HSF II Eukaryotic DNA & RNA Viruses: Structure, Replication and Infection (R. Feldman)	HSF II mRNA Decay (B. Hassel)	HSF II Introduction: Genomic Organization & Gene Families (C. Chang)
10:00 AM					
10:30 AM	HSF II RNA Capping & Splicing (G. Wilson)	HSF II Transfection Methods (D. Litwack)		HSF II Small RNA's (B. Hassel)	HSF II Molecular Basis of Mutation & Phenotypic Variation (C. Chang)
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (MOL-BIO)		GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (MOL-BIO)	HSF II 1:15 PM - 3:15 PM Review Session
1:30 PM		HSF II 1:30 PM - 3:00 PM The effects of Histone Deacetylase Inhibitors on Leukemia vs. Normal Cells (F. Rassool)		2:30 PM - 3:15 PM Quiz and Discussion (MOL-BIO)	
2:00 PM					
2:30 PM					
3:00 PM		HH 450 3:15 PM - 4:15 PM Paper Sponsor Meeting (A. Tomkinson)			
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 2

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY SEPT 7	TUESDAY SEPT 8	WEDNESDAY SEPT 9	THURSDAY SEPT 10	FRIDAY SEPT 11		
			SECTION 2: GENETICS				
9:00 AM	LABOR DAY	HSF II EXAM 1 Molecular Biology STARTS 8:30 AM					
9:30 AM							
10:00 AM							
10:30 AM					HSF II Mendelian Modes of Inheritance (T. Pollin)	HSF II Non-Traditional Modes of Inheritance (T. Pollin)	
11:00 AM							HSF II Model Organism: Yeast (T. Kingsbury)
11:30 AM							
12:00 PM							
12:30 PM							
1:00 PM					HH 242 A-D & 244 A-D 12:45 PM - 2:00 PM Paper Discussion (MOL-BIO)		HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (MOL-BIO)
1:30 PM						HSF II 1:30 PM - 3:00 PM Pharmacogenomics of Heart Failure Therapy --From Human Genomes to Transgenic Mice to Clinical Tirals and Back Again (S. Liggett)	
2:00 PM							2:30 PM - 3:15 PM Practice Quiz Discussion of Quiz (GENETICS)
2:30 PM					HH 450 2:30 PM - 3:30 PM Paper Sponsor Meeting (B. Hassel)		
3:00 PM							
3:30 PM							
4:00 PM							
4:30 PM							
5:00 PM							

WEEK 3

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY SEPT 14	TUESDAY SEPT 15	WEDNESDAY SEPT 16	THURSDAY SEPT 17	FRIDAY SEPT 18
	SECTION 2: GENETICS				
9:00 AM				HSF II Gene Mapping in Humans (B. Mitchell)	
9:30 AM	HSF II Model Organism: C. Elegans (B. Vogel)	HSF II 9:30 AM - 11:00 AM TBA (A. McCallion)	HSF II Gene Mapping in Model Organism (N. Fossett)		HSF II Example of a Genetic Disorder (C. Chang)
10:00 AM					
10:30 AM	HSF II Model Organism: Fly (N. Fossett)				HSF II Experimental Validation of Mutations (C. Chang)
11:00 AM					
11:30 AM					
12:00 PM				BRB 1-008 Group # 1 Meeting (T. Abrams)	
12:30 PM					
1:00 PM	HH 229 A-D & 245 A-D 1:15 PM - 2:30 PM Paper Discussion (GENETICS)	HSF II 1:00 PM - 3:00 PM Model Organism: Mouse (E. Powell)	GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Presentation (GENETICS)	HSF II 1:15 PM - 3:15 PM Review Session
1:30 PM					
2:00 PM					
2:30 PM	HSF II 2:30 PM - 4:30 PM Review Session			2:30 PM - 3:15 PM Quiz and Discussion (GENETICS)	
3:00 PM		HH 450 3:15 PM - 4:15 PM Meet with Paper Sponsor (N. Fossett)	HSF II 3:00 PM - 4:00 PM Cancer Genetics (F. Rassool)		
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 4

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY SEPT 21	TUESDAY SEPT 22	WEDNESDAY SEPT 23	THURSDAY SEPT 24	FRIDAY SEPT 25	
		SECTION 3: PROTEINS				
9:00 AM	HLH EXAM 2 GENETICS STARTS 8:30 AM	HSF II Section Intro Avi Gnatt		HSF II Protein Domains (D. Strickland)		
9:30 AM		HSF II Primary, Secondary & Tertiary Structures of Proteins (E. Toth)	HSF II X Ray Crystallography, EM & Other Approaches (A. Gnatt)		HSF II Protein Purification (E. Toth)	
10:00 AM					HSF II Post Translational Modification (I. Lindberg)	HSF II Proteomics & Mass Spec (D. Fabris)
10:30 AM						
11:00 AM						
11:30 AM						
12:00 PM					BRB 1-008 Group #2 Meeting (Dr. Abrams)	
12:30 PM						
1:00 PM			HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (GENETICS)	GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450		HH 242 A-D & 244 A -D 1:15 PM- 2:30 PM Paper Presentation (GENETICS)
1:30 PM					HSF II 1:30 PM - 3:00 PM Fluorescence Spectroscopy and FRET (R. Thompson)	2:30 PM - 3:15 PM Quiz and Discussion (PROTEINS)
2:00 PM						
2:30 PM						
3:00 PM				HH 450 3:15 PM - 4:15 PM Paper Sponsor Meeting (T. Pollin)		
3:30 PM						
4:00 PM						
4:30 PM						
5:00 PM						

WEEK 5

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY Sept. 28	TUESDAY Sept. 29	WEDNESDAY Sept. 30	THURSDAY Oct. 1	FRIDAY Oct. 2
	SECTION 3:	SECTION 4: LIGAND PROTEIN			
9:00 AM		HSF II Section Intro Neville Brookes			
9:30 AM	HSF II Macromolecular Interactions: Protein-protein, Protein-DNA & Antibody Antigen (J. Ballin)	HSF II Enzymes, Allostery & Cooperativity (A. Drohat)	HSF II Enzyme Kinetics, Structural Mechanisms & Ca Regulation (D. Weber)	HSF II Introduction to Receptor- Ligand Interactions (Efficacy and Affinity) (N. Brookes)	HSF II Drug Efficacy: Partial Agonist Inverse Agonist (N. Brookes)
10:00 AM					
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM		HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (PROTEINS)	GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450		HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (PROTEINS)
1:30 PM	HSF II 1:30 PM - 3:00 PM Adaptation in Halophilic Archaea (S. DasSarma)	HSF II 2:30 PM - 4:30 PM Review Session	HH 420 3:15 PM - 4:15 PM Paper Sponsor Meeting (A. Gnatt)	HSF II 1:30 PM - 3:00 PM Protein Structure (A. Gnatt)	2:30 PM - 3:15 PM Quiz and Discussion (LIGAND-PROTEINS)
2:00 PM					
2:30 PM					
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 6

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY Oct 5	TUESDAY Oct 6	WEDNESDAY Oct 7	THURSDAY Oct 8	FRIDAY Oct 9
	SECTION 4	SECTION 5: ENERGY TRANSDUCTION & BIOCHEMICAL INTEGRATION			
9:00 AM		HSF II Section Intro William Stanley			
9:30 AM	HSF II Binding Isotherms Transformations Binding Kinetics Reaction Order (J. Mong)	HSF II Introduction to Energy Transduction (W. Stanley)	HSF II Making & Breaking Glucose (W. Stanley)	HSF II Oxidative Energy Extraction (G. Fiskum)	HSF II Lipid Structure (C. Sztalryd)
10:00 AM				HSF II Mitochondria (G. Fiskum)	HSF II Lipid Metabolism (C. Sztalryd)
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (LIGAND-PROTEINS)	HSF II SPECIAL TOPICS LECTURE 1:30 PM - 3:00 PM Drug Design: Enzyme Modification (A. Brodie)	GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Presentation (LIGAND-PROTEINS)	HH 242 A-D & 244 A-D 1:15 PM - 3:00 PM Problem Set Solutions Presentations
1:30 PM				2:30 PM - 3:15 PM Quiz and Discussion (ENERGY-TRANS)	
2:00 PM	HSF II 2:30 PM - 4:30 PM Review Session	HH 450 3:15 PM - 4:15 PM Paper Sponsor (N. Brookes)	HH 242 A-D & 244 A-D 3:00 PM - 5:00 PM Problem Set Discussion		HSF II 3:00 PM - 5:00 PM Review Session
2:30 PM					
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 7

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Oct 12	T U E S D A Y Oct 13	W E D N E S D A Y Oct 14	T H U R S D A Y Oct 15	F R I D A Y Oct 16	
		SECTION 6: ORGANELLES, MEMBRANE ORG, CYTOSKELETON & MOTILITY				
9:00 AM	HSF II EXAM 3 STARTS 8:30 AM	HSF II Section Intro Bob Bloch		HSF II Cytoskeleton, Motors for Transport & Motility I (S. Martin)		
9:30 AM		HSF II Organelles & Membranes I (R. Bloch)	HSF II Organelles & Membranes II (R. Bloch)		HSF II Lipid Rafts (R. Bloch)	
10:00 AM						
10:30 AM				HSF II Extracellular Matrix, Polarity, Adhesion & Cell Migration I (L. Zhang)		
11:00 AM						
11:30 AM						
12:00 PM					BRB 1-008 Group # 3 Meeting (T. Abrams)	
12:30 PM						
1:00 PM			HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (ENERGY-TRANS)	<u>GPILS COURSE # 690</u> LOCATION: BRB RM 1-008 <u>GPILS COURSE # 691</u> LOCATION: HH RM 450		HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (ENERGY-TRANS)
1:30 PM					HSF II 1:30 PM - 3:00 PM Measuring Mitochondrial Function and Dysfunction in Neurodegeneration (B. Polster)	
2:00 PM						2:30 PM - 3:15 PM Quiz and Discussion (ORGANELLES)
2:30 PM			HH 450 3:15 PM - 4:15 PM Meet with Paper Sponsor (W. Stanley)			
3:00 PM						
3:30 PM						
4:00 PM						
4:30 PM						
5:00 PM						

WEEK 8

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O NDAY Oct 19	T U ESDAY Oct 20	W E DNESDAY Oct 21	T H URSDAY Oct 22	F R I DAY Oct 23
	SECTION 6	SECTION 7: PROTEIN PROCESSING and TARGETING & VESICLE TRAFFICKING			
9:00 AM		HSF II Section Intro Dan Schulze			
9:30 AM	HSF II Extracellular Matrix, Polarity, Adhesion & Cell Migration II (L. Zhang)	HSF II Protein Trafficking in ER (D. Schulze)	HSF II Vesicle Trafficking Mechanisms & Exocytosis (T. Abrams)	HSF II Endocytic Pathway- Endosome, Lysosome Degradation (T. Blanpied)	HSF II Sorting in the TGN & Targeted Delivery of Membrane Proteins (P. Welling)
10:00 AM					HSF II Cell - Cell Junctions (L. Zhang)
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM				BRB 1-008 Group # 4 Meeting (T. Abrams)	
12:30 PM					
1:00 PM	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (ORGANELLES)		GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (ORGANELLES)	HSF II Electron Microscopy Introduction (L. Peachey)
1:30 PM		HSF II 1:30 PM - 3:00 PM How do cells move? (L. Zhang)		2:30 PM - 3:15 PM Quiz and Discussion (PROTEIN-VESICLE)	HSF II Ultra High Resolution Light Microscopy (L. Peachey)
2:00 PM					
2:30 PM	HSF II 2:30 PM - 4:30 PM Review Session	HH 450 3:15 PM - 4:15 PM Paper Sponsor Meeting (S. Martin)			
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 9

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Oct 26	T U E S D A Y Oct 27	W E D N E S D A Y Oct 28	T H U R S D A Y Oct 29	F R I D A Y Oct 30
	SECTION 7: PROTEIN	SECTION 8: MEMBRANE SIGNALING			
9:00 AM		HSF II Section Intro Rick Matteson			
9:30 AM	HSF II Ubiquitin / Proteasome System II (S. Fang)	HSF II Homeostasis, Diffusion, Permeability, Osmosis & Resting Membrane Potential (J. Kao)	HSF II Ion Channels I (R. Matteson)	HSF II Ion Channels II (R. Matteson)	HSF II Synaptic Transmission II (B. Alger)
10:00 AM					
10:30 AM	HSF II Nuclear Transport (B. Hassel)			HSF II Synaptic Transmission I (B. Alger)	HSF II Ca Signaling (M. Schneider)
11:00 AM					
11:30 AM					
12:00 PM				BRB 1-008 Group # 5 Meeting (T. Abrams)	
12:30 PM					
1:00 PM	HH 242 A-D & 244 A-D 1:15 PM - 2:30 PM Paper Discussion (PROTEIN-VESICLE)		GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (PROTEIN-VESICLE)	HSF II 1:15 PM - 3:15 PM Review Session
1:30 PM		HSF II 1:30 PM - 3:00 PM Receptor Trafficking & Synaptic Plasticity (T. Blanpied)		2:30 PM - 3:15 PM Quiz and Discussion (MEMBRANE)	
2:00 PM					
2:30 PM	HSF II 2:30 PM - 4:30 PM Review Session	HH 450 3:15 PM - 4:15 PM Paper Sponsor Meeting (TBA)			
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 10

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Nov 2	T U E S D A Y Nov 3	W E D N E S D A Y Nov 4	T H U R S D A Y Nov 5	F R I D A Y Nov 6	
		SECTION 8	SECTION 9: CELL SIGNALING		SECTION 8	
9:00 AM	HSF II EXAM 4 STARTS 8:30 AM		HSFII Section Intro Martin Flajnik			
9:30 AM		HSF II Epithelial Transport (J. Hamlyn)	HSF II Receptors & G proteins (S. Munger)	HSF II Second Messengers & Effectors (S. Munger)	HSF II Muscle (M. Schneider)	
10:00 AM		HSF II Passive & Active Transporters (J. Hamlyn)				
10:30 AM						
11:00 AM						
11:30 AM						
12:00 PM					BRB 1-008 Group # 6 Meeting (T. Abrams)	
12:30 PM						
1:00 PM			TBA 1:15 PM - 2:30 PM Problem Set (MEMBRANE)	<u>GPILS COURSE # 690</u> LOCATION: BRB RM 1-008 <u>GPILS COURSE # 691</u> LOCATION: HH RM 450		TBA 1:15 PM- 3:15 PM Problem Set with Faculty Mentor (MEMBRANE)
1:30 PM					HSF II 1:30 PM - 3:00 PM Retrograde Transport of Toxins (N. Carbonetti)	
2:00 PM						
2:30 PM						
3:00 PM						
3:30 PM						
4:00 PM						
4:30 PM						
5:00 PM						

WEEK 11

GPILS CORE COURSE SCHEDULE
Fall 2009

	MONDAY Nov 9	TUESDAY Nov 10	WEDNESDAY Nov 11	THURSDAY Nov 12	FRIDAY Nov 13
	SECTION 9: CELL SIGNALING				
9:00 AM					
9:30 AM	HSF II Growth Factors & Cytokines (D. Kalvakolanu)	HSF II MAP Kinase (L. Aurelian)	HSF II Steroid Hormone Signaling (R. Koos)	HSF II Cell Death (S. Martin)	HSF II Cell Death II (S. Martin)
10:00 AM			HSF II The Cell Cycle (T. Kingsbury)		HSF II Immune System I (M. Flajnik)
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM	HSF II 1:15 PM - 2:45 PM Fluorescence Microscopy (TBA)	HSF II 1:30 PM - 3:00 PM Cell Signaling (G. Carey)	GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450	HH 242 A-D & 244 A-D 1:15 PM - 2:00 PM Quiz and Discussion (CELL SIGNALING)	HSF II 1:15 PM - 3:15 PM Review Session
1:30 PM					
2:00 PM					
2:30 PM	HSF II 2:45 PM - 4:45 PM Review Session				
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 12

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Nov 16	T U E S D A Y Nov 17	W E D N E S D A Y Nov 18	T H U R S D A Y Nov 19	F R I D A Y Nov 20	
		SECTION 9	SECTIONS 9 & 10	SECTION 10: DEVELOPMENT		
9:00 AM	HSF II EXAM 5 STARTS AT 8:30 A.M.		HSF II Immune System III (M. Flajnik)	HSF II Development II (D. Litwack)	HSF II Development III (D. Litwack)	
9:30 AM		HSF II Immune System II (M. Flajnik)	HSF II Section Intro David Litwack		HSF II Cell Signalling & Development I (E. Powell)	
10:00 AM			HSF II Development I (D. Litwack)			
10:30 AM						
11:00 AM						
11:30 AM						
12:00 PM						
12:30 PM						
1:00 PM						HH 242 A-D & 244 A-D 1:15 PM- 2:30 PM Paper Presentation (CELL SIGNALING)
1:30 PM				GPILS COURSE # 690 LOCATION: BRB RM 1-008	HSF II 1:30 PM - 3:00 PM Strategies for Gene Therapy (L. Aurelian)	2:30 PM - 3:15 PM Quiz and Discussion (CELL SIGNALING)
2:00 PM		HH 242 A-D & 244 A -D 1:15 PM - 2:30 PM Paper Discussion (CELL SIGNALING)	GPILS COURSE # 691 LOCATION: HH RM 450			
2:30 PM				HH 420 3:15 PM - 4:15 PM Paper Sponsor Meeting (S. Munger)		
3:00 PM						
3:30 PM						
4:00 PM						
4:30 PM						
5:00 PM						

WEEK 13

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Nov 23	T U E S D A Y Nov 24	W E D N E S D A Y Nov 25	T H U R S D A Y Nov 26	F R I D A Y Nov 27
	SECTION 10: DEVELOPMENT				
9:00 AM			HSF II EXAM 6 8:30 AM -12:00 PM	THANKSGIVING	
9:30 AM	HSF II Cell Signalling & Development II (E. Powell)	HSF II 9:30 PM - 11:30 PM Review Session			
10:00 AM					
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM	HH 242 A-D, 244 A-D 12:30-1:15 Quiz and Discussion (DEVELOPMENT)				
1:00 PM					
1:30 PM					
2:00 PM					
2:30 PM					
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 14

GPILS CORE COURSE SCHEDULE
Fall 2009

	M O N D A Y Nov 30	T U E S D A Y Dec 1	W E D N E S D A Y Dec 2	T H U R S D A Y Dec 3	F R I D A Y Dec 4
9:00 AM	INTEGRATIVE LECTURES				
9:30 AM	HSF II Cardiac Arrhythmias (M. Trudeau)	HSF II In Search of the Molecular Substrates of Learning & Memory (T. Abrams)	HSF II Diabetes (A. Shuldiner)	HSF II The LDL Receptor Family: Diverse Roles in Biology (D. Strickland)	TAKE HOME EXAM GIVEN
10:00 AM					
10:30 AM					
11:00 AM					
11:30 AM					
12:00 PM				BRB 1-008 Group # 7 Meeting (T. Abrams)	
12:30 PM					
1:00 PM			GPILS COURSE # 690 LOCATION: BRB RM 1-008 GPILS COURSE # 691 LOCATION: HH RM 450		
1:30 PM					
2:00 PM					
2:30 PM					
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					

WEEK 15

GPILS CORE COURSE SCHEDULE
FALL 2009

	MONDAY Dec 7	TUESDAY Dec 8	WEDNESDAY Dec 9	THURSDAY Dec 10	FRIDAY Dec 11
9:00 AM		BIOINFORMATICS			
9:30 AM		HSF II Bioinformatics Lecture	LL 05 Bioinformatics Workshop	LL 05 Bioinformatics Workshop	LL 05 Bioinformatics Workshop
10:00 AM					
10:30 AM		LL 05 Bioinformatics Workshop			
11:00 AM					
11:30 AM					
12:00 PM					
12:30 PM					
1:00 PM					
1:30 PM					
2:00 PM					
2:30 PM					
3:00 PM					
3:30 PM					
4:00 PM					
4:30 PM					
5:00 PM					