

All Lectures and Labs Schedule

Lecture Count 104

Date	Day	Lecturer	Title	Printed
Week 3				
6/11/2013	Tuesday	Azzam, Edouard	Non-targeted Effects	<input type="radio"/>
Week 4				
6/20/2013	Thursday	Blakely, Eleanor	Cataracts	<input type="radio"/>
		Blakely, Eleanor	Heavy Particle Therapy	<input type="radio"/>
Week 3				
6/10/2013	Monday	Boothman, David	Radiation-Induced Cell Signaling	<input type="radio"/>
Week 2				
6/4/2013	Tuesday	Borak - Heilbronn	Radiation Detection Methods	<input type="radio"/>
Week 2				
6/3/2013	Monday	Borak, Thomas	What is Radiation	<input type="radio"/>
		Borak, Thomas	Radiation Interactions with Matter	<input type="radio"/>
		Borak, Thomas	Introduction to Radiation Dosimetry	<input type="radio"/>
		Borak, Thomas	Principals of Radiation Protection	<input type="radio"/>
Week 2				
6/3/2013	Monday	Borak, Tom	Handouts to follow Prins of Rad Pro	<input type="radio"/>
Week 4				
6/17/2013	Monday	Cucinotta, Francis	NSRL Simulation (GERMcode)	<input type="radio"/>
6/20/2013	Thursday	Cucinotta, Francis	Chemical Kinetics in Systems Biology	<input type="radio"/>
		Cucinotta, Francis	Radiation Quality & Risk Models	<input type="radio"/>
Week 2				
6/3/2013	Monday	Cucinotta, Frank	NASA's Mission and Roadmap	<input type="radio"/>
Week 4				
6/18/2013	Tuesday	Fike, John	Neurogenesis	<input type="radio"/>
		Fike, John	Radiation Effects on Neurons & Stem Cells	<input type="radio"/>
Week 2				
6/7/2013	Friday	Goodhead, Dudley	Track Structure 1	<input type="radio"/>
6/14/2013		Goodhead, Dudley	Track Structure 2	<input type="radio"/>
Week 3				

<i>Date</i>	<i>Day</i>	<i>Lecturer</i>	<i>Title</i>	<i>Printed</i>
6/13/2013	Thursday	Guida, Peter	LAB in 2 Groups	<input type="radio"/>
		Guida, Peter	Flow Cytometry	<input type="radio"/>
<i>Week 2</i>				
6/3/2013	Monday	Hall, Eric	Radiobiology 1	<input type="radio"/>
6/4/2013	Tuesday	Hall, Eric	Radiobiology 2	<input type="radio"/>
<i>Week 2</i>				
6/5/2013	Wednesday	Heilbronn - L Goodhead	Physics Homework/Problems	<input type="radio"/>
<i>Week 2</i>				
6/5/2013	Wednesday	Heilbronn, Lawrence	2 Lectures-Heavy Ions and Shielding Physics, Including Neutrons	<input type="radio"/>
		Heilbronn, Lawrence	2 Lectures-Heavy Ions and Shielding Physics, Including Neutrons	<input type="radio"/>
<i>Week 2</i>				
6/4/2013	Tuesday	Held, Kathy	Radiation Chemistry and DNA Damage	<input type="radio"/>
		Held, Kathy	Dose Responses, LET and RBE	<input type="radio"/>
<i>Week 2</i>				
6/6/2013	Thursday	Joiner, Michael	Radiosensitivity and Cell Cycle	<input type="radio"/>
		Joiner, Michael	Effects on Embryo, Fetus, Transgenerational	<input type="radio"/>
		Joiner, Michael	Dose Rate Effects	<input type="radio"/>
<i>Week 3</i>				
6/10/2013	Monday	Kennedy, Ann	Acute Effects	<input type="radio"/>
<i>Week 3</i>				
6/13/2013	Thursday	Kim, Angela	DNA Damage, etc.	<input type="radio"/>
<i>Week 4</i>				
6/19/2013	Wednesday	Kirsch, David	Transgenic Models and New Imaging Approaches	<input type="radio"/>
		Kirsch, David	Cancer Stem Cells	<input type="radio"/>
<i>Week 2</i>				
6/7/2013	Friday	Kronenberg - Guida	Biology Experiment Overview for 6/4 & Biology Review	<input type="radio"/>
6/11/2013	Tuesday	Kronenberg - Guida	Lab Day - NSRL	<input type="radio"/>
		Kronenberg - Guida	Beam Time	<input type="radio"/>
		Kronenberg - Guida	LAB	<input type="radio"/>
		Kronenberg - Guida	LAB	<input type="radio"/>

<i>Date</i>	<i>Day</i>	<i>Lecturer</i>	<i>Title</i>	<i>Printed</i>
6/11/2013	Tuesday	Kronenberg - Guida	LAB	<input type="radio"/>
<i>Week 2</i>				
6/5/2013	Wednesday	Kronenberg, Amy	Programmed Cell Death	<input type="radio"/>
6/6/2013	Thursday	Kronenberg, Amy	Mutagenesis	<input type="radio"/>
6/7/2013	Friday	Kronenberg, Amy	Radiation-induced Instability	<input type="radio"/>
<i>Week 1</i>				
5/31/2013	Friday	L&D Goodhead - Nelson	Elementary Reviews of Physics and Biology (L&D Goodhead, Nelson)	<input type="radio"/>
<i>Week 2</i>				
6/5/2013	Wednesday	Lliakis, George	DNA Repair	<input type="radio"/>
<i>Week 2</i>				
6/7/2013	Friday	Lowenstein, E	Accelerators	<input type="radio"/>
<i>Week 2</i>				
6/6/2013	Thursday	Morgan, William	Chromosome Rearrangements	<input type="radio"/>
		Morgan, William	Systems Biology of Radiation	<input type="radio"/>
<i>Week 1</i>				
5/31/2013	Friday	Nelson - Buckaloo	Student Welcome / BBQ Brookhaven Ctr Patio (Nelson and Buckaloo)	<input type="radio"/>
<i>Week 4</i>				
6/19/2013	Wednesday	Nelson - Cucinotta	Review Time	<input type="radio"/>
<i>Week 2</i>				
6/4/2013	Tuesday	Nelson, Greg	Physics Tool Kit	<input type="radio"/>
6/17/2013	Monday	Nelson, Greg	Tool Kit Practical	<input type="radio"/>
		Nelson, Greg	Beam Time Proposals	<input type="radio"/>
		Nelson, Greg	Haematopoietic & Immune Response	<input type="radio"/>
		Nelson, Greg	Beam Time Proposals	<input type="radio"/>
6/18/2013	Tuesday	Nelson, Greg	Space Flight Measurements	<input type="radio"/>
		Nelson, Greg	Microgravity Effects	<input type="radio"/>
<i>Week 4</i>				
6/18/2013	Tuesday	O'Banion, Kerry	Cardiovascular Effects	<input type="radio"/>
6/19/2013	Wednesday	O'Banion, Kerry	CNS Effects	<input type="radio"/>
<i>Week 4</i>				

<i>Date</i>	<i>Day</i>	<i>Lecturer</i>	<i>Title</i>	<i>Printed</i>
6/17/2013	Monday	Plante, Ianik	RITRACKS Track Structure Simulations	<input type="radio"/>
<i>Week 3</i>				
6/12/2013	Wednesday	Randers-Pehrson, Gerhard	High/Low LET Microbeams	<input type="radio"/>
<i>Week 3</i>				
6/13/2013	Thursday	Rusek - Guida	Experimental Plan for Tomorrow	<input type="radio"/>
<i>Week 2</i>				
6/7/2013	Friday	Rusek, Adam	NSRL Dosimetry	<input type="radio"/>
6/14/2013		Rusek, Adam	LAB Day - NSRL with Beam Time	<input type="radio"/>
		Rusek, Adam	LAB Day - NSRL with Beam Time	<input type="radio"/>
<i>Week 3</i>				
6/12/2013	Wednesday	Schimmerling, Walter	Space Radiation Protection	<input type="radio"/>
<i>Week 3</i>				
6/13/2013	Thursday	Shay, Jerry	3D Cell Culture Models	<input type="radio"/>
		Shay, Jerry	Biological Countermeasures For Radiation Protection	<input type="radio"/>
<i>Week 3</i>				
6/10/2013	Monday	Sivertz, Mike	Low-LET Reference Radiation	<input type="radio"/>
<i>Week 4</i>				
6/18/2013	Tuesday	Story, Michael	Omics Technologies	<input type="radio"/>
<i>Week 3</i>				
6/10/2013	Monday	Turker, Mitchell	Epigenetics	<input type="radio"/>
<i>Week 1</i>				
5/30/2013	Thursday	Various	NASA Summer School Opening	<input type="radio"/>
		Various	Student Orientation	<input type="radio"/>
5/31/2013	Friday	Various	NSRL Facility Radiobiology Users Training: 9-10:30am Iris scans and TLDs from 10:30-12 noon (Building 911 Snyder Seminar Room)	<input type="radio"/>
		Various	BNL Tour +Group Photo (Elaine Lowenstein) Start at Medical, Bld 490	<input type="radio"/>
		Various	Complete iris scans and issuing of TLDs (if needed)	<input type="radio"/>
6/3/2013	Monday	Various	Welcome and Program Goals	<input type="radio"/>
6/4/2013	Tuesday	Various	Daily Briefing	<input type="radio"/>
		Various	Physics Chalk Talk	<input type="radio"/>

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6/5/2013	Wednesday	Various	Daily Briefing	<input type="radio"/>
6/6/2013	Thursday	Various	Daily Briefing	<input type="radio"/>
6/7/2013	Friday	Various	Daily Briefing	<input type="radio"/>
6/10/2013	Monday	Various	Daily Briefing	<input type="radio"/>
6/12/2013	Wednesday	Various	Daily Briefing	<input type="radio"/>
		Various	Beam Time Proposals Homework, Questions	<input type="radio"/>
6/13/2013	Thursday	Various	Daily Briefing	<input type="radio"/>
		Various	Visit to Tandem Van de Graff	<input type="radio"/>
6/17/2013	Monday	Various	Daily Briefing	<input type="radio"/>
6/18/2013	Tuesday	Various	Daily Briefing	<input type="radio"/>
6/19/2013	Wednesday	Various	Daily Briefing	<input type="radio"/>
		Various	Lab Time	<input type="radio"/>
		Various	Work on Presentations	<input type="radio"/>
6/20/2013	Thursday	Various	Daily Briefing	<input type="radio"/>
		Various	Prepare Final Presentations. Beam Time Proposals Due	<input type="radio"/>
6/21/2013	Friday	Various	Daily Briefing	<input type="radio"/>
		Various	Review Of Beam Time Proposals (5 min presentation +feedback)	<input type="radio"/>
		Various	Review Of Beam Time Proposals Continued	<input type="radio"/>
		Various	Student Team PowerPoint Presentations (~20 min each)	<input type="radio"/>
		Various	Closing Ceremony Large Conf Room Catered	<input type="radio"/>
Week 3				
6/12/2013	Wednesday	Weil, Michael	Animal Studies	<input type="radio"/>
		Weil, Michael	Genetics of Animal Studies	<input type="radio"/>
		Weil, Michael	Leukemia	<input type="radio"/>
Week 3				
6/10/2013	Monday	Zeitlin, Cary	Space Radiation Environment	<input type="radio"/>
		Zeitlin, Cary	Accelerator Physics and Space Simulation	<input type="radio"/>