



STUDENTS AND TEACHERS AS RESEARCH SCIENTISTS

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 Saint Louis University, Washington University, St. Louis College of Pharmacy,
 Solae Company, Green Foundation, Academy of Science of St. Louis
in Partnership with
 Donald Danforth Plant Science Center, Saint Louis University,
 Solae LLC, Washington University, and the University of Missouri-St. Louis

2011 SCHEDULE OF ACTIVITIES

WEEK 1 (JUNE 6 – 10)

	MONDAY 6	TUESDAY 7	WEDNESDAY 8	THURSDAY 9	FRIDAY 10
8:00	8:00 - 9:55 STUDENT WELCOME, ORIENTATION, INTRODUCTIONS AND MIXER 120 Research Complex	RESEARCH (Students meet with mentors at their respective campuses)	8:30 - 8:55 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 120 Research	RESEARCH	RESEARCH
8:30			9:00 - 9:50 COMMUNICATION Mr. Kardis - 120 Research		
9:00			10:00 - 11:00 SCIENCE INQUIRY SERIES "Medicines from Plants" <u>Dr. Toni Kutchan</u> Donald Danforth Plant Science Center tmkutchan@danforthcenter.org 120 Research		
10:00			10:15 - 11:30 INTRODUCTION TO THE LIBRARY Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 315 Thomas Jefferson Library		
10:15	11:45 - 1:15 LUNCH PROVIDED with Research Mentors Millennium Student Center Century Rooms A and B	LUNCH	11:05 - 11:40 PLANNING COMMITTEES A-V and Newsletters 120 Research	LUNCH	LUNCH
11:05			11:45 - 12:30 LUNCH PROVIDED - Century C		
11:45	1:15 - 2:30 MENTOR MEETING¹ Century A, B & C – Dr. Mares & Dr. Granger ----- 1:15 - 2:30 LABORATORY SAFETY & COMPLIANCE TRAINING UMSL, Danforth & Solae – Room 315 Wash. U. – Room 316 SLU – SGA Chambers	RESEARCH	RESEARCH	RESEARCH	RESEARCH
12:00					
12:30	ID PHOTOS Patricia Slowiak - Room 225	RESEARCH	RESEARCH	RESEARCH	RESEARCH
1:15					
1:15	ADJOURNMENT	ADJOURNMENT	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor
2:30					
3:00					
5:00					
5:30					

¹Dotted Lines Indicate Concurrent Sessions



2011
SCHEDULE OF ACTIVITIES

WEEK 2 (June 13 – 17)

	MONDAY 13	TUESDAY 14	WEDNESDAY 15	THURSDAY 16	FRIDAY 17
8:30	8:30 - 8:55 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 120 Research	RESEARCH	8:30 - 8:55 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 120 Research	RESEARCH	RESEARCH
9:00	9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		9:00 - 9:50 COMMUNICATION (Science Competitions) Mr. Kardis 120 Research		
10:00	10:00 - 11:00 SCIENCE INQUIRY SERIES "Issues in Transplantation Surgery" <u>Dr. Ramsey Hachem</u> Dept. of Pulmonary & Critical Care Medicine Washington University rhachem@dom.wustl.edu 120 Research		10:00 - 11:00 SCIENCE INQUIRY SERIES "Pharmacy in the 21 st Century: Practice, Research and Education" <u>Dr. John Pieper</u> President, St. Louis College of Pharmacy john.pieper@stlcop.edu 120 Research		
11:05	11:05 - 11:50 SCIENCE INQUIRY SERIES <u>Dr. Elaine Krul</u> "The Nutrition and Health Benefits of Soy Protein" Nutrition Science & Regulatory Affairs The Solae Company 120 Research		11:05 - 11:50 SCIENCE INQUIRY SERIES "Ethics in Science" <u>Dr. Andrew Black</u> Dept. of Philosophy UM-St. Louis ablack@umsl.edu 120 Research		
12:00	12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	LUNCH
12:30	RESEARCH	RESEARCH	RESEARCH	RESEARCH	RESEARCH
5:00	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	SOCIAL EVENT <i>Cinema Extravaganza & Ice Cream Social (Details To Be Announced)</i>	ADJOURNMENT Scheduled at the Discretion of the Research Mentor

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WEEK 3 (June 20 – 24)

	MONDAY 20	TUESDAY 21	WEDNESDAY 22	THURSDAY 23	FRIDAY 24
8:30	8:30 - 9:00 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 120 Research	RESEARCH	8:30 - 9:00 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan and Dr. Hope 120 Research	RESEARCH	RESEARCH
9:00	9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		
10:00	10:00 - 11:00 SCIENCE INQUIRY SERIES "Subversive Science: Sustainability and Architecture" <u>Dr. Bruce Lindsey</u> Washington University lindsey@samfox.wustl.edu 120 Research		10:00 - 11:00 SCIENCE INQUIRY SERIES "Neurons, Synaptic Vesicles, and Neuro-Transmitter Release" <u>Dr. Amy Harkins</u> Dept. of Pharm. & Physiological Science Saint Louis University harkinsa@slu.edu 120 Research		
11:05	11:05 - 11:50 WASHINGTON UNIV. UNDERGRADUATE PROGRAM PRESENTATION <u>Dr. William Darby</u> darby@wustl.edu 120 Research		11:05 - 11:50 SAINT LOUIS UNIVERSITY UNDERGRADUATE PROGRAM PRESENTATION 120 Research		
12:00	12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	LUNCH
12:30	RESEARCH	RESEARCH	RESEARCH	RESEARCH	RESEARCH
4:30				4:30 SOCIAL EVENT <i>Leave for Union Station - Dinner on your own</i>	
6:30				6:30 <i>Meet at Union Station, Metrolink (top of the stairs) to ride to the game</i>	
7:15	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	7:15 BASEBALL CARDINALS vs. PHILLIES <i>Busch Stadium</i>	ADJOURNMENT Scheduled at the Discretion of the Research Mentor

**STUDENTS AND TEACHERS AS RESEARCH SCIENTISTS
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SCHEDULE OF ACTIVITIES**





WEEK 4 (June 26 – July 1)

	SUNDAY 26	MONDAY 27	TUESDAY 28	WEDNESDAY 29	THURSDAY 30	FRIDAY 1
8:00		8:00 - 9:00 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan & Dr. Hope 120 Research Student Presentations		8:00 - 9:00 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan & Dr. Hope 120 Research Student Presentations		
9:00		9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		
10:00		10:00 - 11:00 SCIENCE INQUIRY SERIES “(1) The Saga of the Molecular Soccer Ball (2) Scientists as Administrators” <u>Dr. Tom George</u> Chancellor and Professor UMSL tfgeorge@umsl.edu 120 Research	RESEARCH	10:00 - 11:00 SCIENCE INQUIRY SERIES “The Soloist” – A Study of Paranoid Schizophrenia and Other Mental Health Issues <u>Dr. Dan Haupt</u> Washington University Hauptd@wustl.edu <u>Adam Crane</u> St. Louis Symphony acrain@slo.org 120 Research	RESEARCH	RESEARCH
11:05		11:05 - 11:50 SCIENCE INQUIRY SERIES UMSL Undergraduate A&S and SCHOOL OF OPTOMETRY PRESENTATION <u>Dr. Chris Spilling</u> Chair and Professor Dept. of Chemistry and Biochemistry spillingc@umsl.edu <u>Dr. Larry Davis</u> , Dean School of Optometry ljdavis@umsl.edu 120 Research		11:05 - 11:50 SCIENCE INQUIRY SERIES “Ethics in Science” <u>Dr. Andrew Black</u> Dept. of Philosophy UMSL ablack@umsl.edu 120 Research		
12:00		12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	12:00 - 12:30 LUNCH PROVIDED Millennium Student Ctr. Room – Century C	LUNCH	LUNCH
2:00	2:00 SOCIAL EVENT <i>St. Louis Symphony “A Musical Tribute to the Carpenters” Powell Hall 718 North Grand Avenue</i>	RESEARCH	RESEARCH	RESEARCH	RESEARCH	RESEARCH
5:00		ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor

2011
SCHEDULE OF ACTIVITIES

**WEEK 5 (July 4 – 8)**

	MONDAY 4	TUESDAY 5	WEDNESDAY 6	THURSDAY 7	FRIDAY 8
8:00	 INDEPENDENCE DAY HOLIDAY 	RESEARCH	8:00 - 8:30 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan & Dr. Hope 120 Research	RESEARCH	RESEARCH
8:30			8:30 - 9:00 STUDENT RESEARCH PRESENTATIONS 120 Research		
9:00			9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research		
10:00			10:00 - 11:00 SCIENCE INQUIRY SERIES "Antarctica" <u>Dr. Doug Wiens</u> , Chair Dept. of Earth and Planetary Sciences Washington University doug@wustl.edu 120 Research		
11:05			11:05 - 11:50 STUDENT RESEARCH PRESENTATIONS 120 Research		
12:00		LUNCH	12:00 - 12:30 LUNCH PROVIDED Millennium Student Center Room – Century C	LUNCH	LUNCH
12:30		RESEARCH	<u>FOR INTERESTED STUDENTS:</u> 12:30 – 1:30 UMKC Six-Year Medical School <u>Ms. Alice Arredondo</u> Asst. Dean, Admissions and Recruitment UMKC School of Medicine MSC, Room 313	RESEARCH	RESEARCH
	RESEARCH				
5:00		ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor

SCHEDULE OF ACTIVITIES

WEEK 6 (July 11 - 15)

	MONDAY 11	TUESDAY 12	WEDNESDAY 13	THURSDAY 14	FRIDAY 15
7:50					
8:00		RESEARCH	8:00 - 8:40 CONFIRMATION CEREMONY REHEARSAL 104 Stadler	8:00 – 12:00 ORAL PRESENTATION PRACTICE ¹ Mr. Kardis (for selected students) 116 Benton Hall	
8:30	8:30 - 8:55 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan & Dr. Hope 120 Research				
8:45			8:45 - 9:15 GROUP AND SCHOOL PICTURES		7:50 - 11:35
9:00		8:00 - 3:30			RESEARCH PAPER PRESENTATIONS
9:15	9:00 - 9:50 COMMUNICATION Mr. Kardis 120 Research	ORAL PRESENTATION PRACTICE	9:15 - 10:00 COLLABORATIVE Mr. Kardis, Ms. Freund, Mr. Brennan & Dr. Hope 120 Research	8:00 – 12:00 INDIVIDUAL CONFERENCES ¹ (as needed)	120 Research 121 Research 101 Benton 104 Benton
10:00	10:00 - 11:00 SCIENCE INQUIRY SERIES “Pediatric Cardiology” Dr. Mary Dinauer Dept. of Pediatric Hematology/Oncology St. Louis Children’s Hospital dinauer_m@wustl.edu 120 Research	Mr. Kardis (for selected students) 116 Benton Hall	10:00 - 12:00 RESEARCH ¹	Ms. Freund, Mr. Brennan, and Dr. Hope 239 Research	
11:05	11:05 - 11:50 STUDENT RESEARCH PRESENTATIONS 120 Research		10:00 - 3:30 ORAL PRESENTATION PRACTICE ¹ Mr. Kardis (for selected students) 116 Benton Hall		
11:40					11:40 - 12:45 LUNCH PROVIDED Millennium Student Ctr. Rooms - Century B & C
12:00	12:00 - 12:30 LUNCH PROVIDED Millennium Student Center Room – Century C	LUNCH	LUNCH	LUNCH	
12:30				RESEARCH	
12:50					12:50 - 2:40 RESEARCH PAPER PRESENTATIONS 120 and 121 Research 101 and 104 Benton
1:00	RESEARCH	RESEARCH	RESEARCH	1:00 - 3:00 TURN IN PAPERS TO MR. KARDIS (all students) 239B Research	
3:00					
5:00	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	ADJOURNMENT Scheduled at the Discretion of the Research Mentor	3:00 CONFIRMATION CEREMONY AND RECEPTION J.C. Penney Auditorium

¹Dotted Lines Indicate Concurrent Sessions