

**AS OF 2/5/16**

MSC# 53578

**D R A F T**

2016 SCHEDULE

*IN PARTNERSHIP WITH: SPONSORED BY:*

*Confluence Life Sciences Office of the Chancellor-UMSL….. Saint Louis University….Washington University in Donald Danforth Plant Science Center St. Louis…..St. Louis Symphony….DuPont Nutrition and Health….Saint Louis Zoo…*

*Saint Louis University* *Monsanto Company….Academy of Science of St. Louis….Easter Seals Midwest… Washington University in St. Louis St. Louis Children’s Hospital….UMKC School of Medicine….Missouri Botanical*

*University of Missouri-St. Louis Garden….BioSTL*

***MANDATORY UMSL Campus Activities are Shaded***

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| **MONDAY**  **JUNE 13** | **TUESDAY**  **JUNE 14** | **WEDNESDAY**  **JUNE 15** | **THURSDAY**  **JUNE 16** | **FRIDAY**  **JUNE 17** |
| 8:00 – 8:30  ***REGISTRATION & CONTINENTAL BREAKFAST***  *121 Research Bldg., UMSL North*  *Park in Garage #52 on West Drive* | **R E S E A R C H**  Students  meet  their  Research Mentors  at their  respective  campus | 8:30 – 8:55  *“****Student Introductions”***  *Continued*  ***DR. KEN MARES***  ***“Test Questions”***  ***Dr. CHARLES GRANGER***  *121 Research* | **R E S E A R C H**  Students  meet  their  Research Mentors  at their  respective  campus  http://www.forsythforfamilies.com/wp-content/uploads/2013/01/stars.jpg  ***5:30 -7:45***  ***SOCIAL EVENT***  ***Bowling & Pizza***  *Tropicana Lanes*  *7960 Clayton Rd.*  *(314) 781-0282* | YOU ARE  REQUIRED  TO E-MAIL THE TITLE AND A  1-2 SENTENCE DESCRIPTION  OF YOUR  RESEARCH  PAPER  TO YOUR  ADVISOR  BY  NOON  TODAY  **RESEARCH**  Your schedule  is based on  the discretion  of your  Research Mentor |
| 8:30 – 10:20  ***WELCOME and ORIENTATION***  ***DR. KEN MARES***  ***DR. CHARLES GRANGER***  *121 Research* | 9:00 – 9:55  ***“Galapagos Islands and***  ***Avian Research Lecture”***  ***DR. PATTY PARKER***  *Professor and Chair*  *Department of Biology, UMSL*  *pparker@umsl.edu*  *121 Research* |
| 10:30 – 11:30  ***LABORATORY SAFETY and COMPLIANCE TRAINING***  *DDPSC and SLU – 121 Research*  *CLS and WUSTL – 115 Benton*  *UMSL – 240 Benton* |
| 10:00 – 11:20  ***“Medical Ethics Lecture”***  ***DR. IRA KODNER***  *Colorectal Surgeon*  *Director of the Washington Univ. Center for the Study of*  *Ethics and Human Values*  *kodner@wustl.edu*  *121 Research* |
| 11:45 – 12:30  BUFFET LUNCH  Millennium Student Ctr. (MSC)  Century C – Third Floor |
| 11:30 – 12:15  BUFFET LUNCH  MSC Century C |
| **RESEARCH**  Your schedule  is based on  the discretion  of your  Research Mentor |
| **12:30**   1. ***STUDENT PHOTOS*** 2. ***LAB COAT FITTINGS*** 3. ***UMSL ID CARDS***   ***You MUST Bring Your Current Photo ID***  ***to Room 190***   1. ***BUY $25 METRO PASS***   ***Room 238 – Cashier***  ***5. Adjourned*** |

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**WEEK TWO**

***Mandatory UMSL Campus Activities are Shaded***

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| **MONDAY**  **JUNE 20** | **TUESDAY**  **JUNE 21** | **WEDNESDAY**  **JUNE 22** | **THURSDAY**  **JUNE 23** | **FRIDAY**  **JUNE 24** |
| 8:00 – 8:25  ***Research Paper Update***  ***DR. HEIDI HOPE***  *121 Research* | **R E S E A R C H**  Your schedule is  based on  the discretion  of your  Research Mentor | 8:30 – 9:25  ***“College Essay Writing Lecture”***  ***MS. TORI NEASON***  *Admissions Officer*  *Undergraduate Admissions*  *Washington University*  *tneason@*wustl*.edu*  *121 Research* | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | YOU ARE  REQUIRED  TO SEND AN  E-MAIL GIVING THE  INTRODUCTION START & REFERENCES  FOR YOUR  RESEARCH  PAPER  TO YOUR  ADVISOR  AND MENTOR  OR MENTOR DESIGNEE  BY  NOON  TODAY  **RESEARCH**  Your schedule is based on the discretion of your  Research Mentor  **SOCIAL EVENT**  https://sp.yimg.com/xj/th?id=OIP.M9e647e090d69d6c94bfd5e4029d3f4f3o0&pid=15.1&P=0&w=300&h=300  7:30 PM  Live and Let Die: A Symphonic Tribute to Sir Paul McCartney  Powell Hall  718 N. Grand Blvd.  St. Louis, MO |
| 8:30 – 9:30  ***“Overview - Selective College Admissions Lecture”***  ***MS. CHRYSTAL OKONTA***  *Admissions Officer*  *Undergraduate Admissions*  *Washington University*  *cokonta@wustl.edu*  *121 Research* | 9:35 – 10:50  ***“Protecting Wildlife through Conservation Medicine”***  ***SHARON DEEM***  ***DVM, PhD, DACZM***  *Institute for*  *Conservation Medicine*  *St. Louis Zoo*  *deem@stlzoo.org*  *121 Research* |
| 9:35 – 10:30  ***“Ecology of Invasive***  ***Species in Missouri:***  ***Who Does What to Whom”***  ***DR. ROBERT MARQUIS***  *Professor – Dept. of Biology*  *Director – Whitney R. Harris World Ecology Center*  *University of Missouri-St. Louis*  *Robert\_marquis@umsl.edu* |
| 10:30 – 11:25  ***“Urban/Suburban Biodiversity”***  ***MS. SHEILA VOSS***  *Vice President, Education*  *Missouri Botanical Garden*  *Sheila.voss@mobot.org*  *121 Research* | 11:00 – 11:50  ***“The Fascinating World of Bees“***  ***DR. GERALD HAYES, JR.***  *Beeologics Commercial Lead*  *Monsanto Company*  *gerald.w.hayes.jr@monsanto.com*  *121 Research* |
| 11:35 - 12:00  BUFFET LUNCH  MSC Century C | 12:00 – 12:30  BUFFET LUNCH  MSC Century C |
| **RESEARCH**  Your schedule is  based on  the discretion  of your  Research Mentor | **RESEARCH**  Your schedule is  based on  the discretion  of your  Research Mentor |

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**WEEK THREE**

***Mandatory UMSL Campus Activities are Shaded***

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| **MONDAY**  **JUNE 27** | **TUESDAY**  **JUNE 28** | **WEDNESDAY**  **JUNE 29** | **THURSDAY**  **JUNE 30** | **FRIDAY**  **JULY 1** |
| *8:00 – 8:25*  ***Research Paper Update***  ***DR. HEIDI HOPE***  *121 Research* | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | *8:30 - 9:50*  ***“Facts and Fiction -***  ***The Interviewing Process for College Admissions”***  ***DR. DAN ORY***  *Professor of Medicine*  *WUSTL School of Medicine*  [*dory@wustl.edu*](file:///\\stl.umsl.edu\steamboat\k\kirkpatrickkj\my%20documents\aWPDOCS\aSTARS\2012\schedule\dory@wustl.edu)  ***NANETTE TARBOUNI***  *Director, College Counseling*  *John Burroughs School*  *ntarbouni@jburroughs.org*  *121 Research* | **R E S E A R C H**  Your schedule is based on  the discretion of your Mentor  ***SOCIAL EVENT***  ***St. Louis Galleria***  Movie & ice cream after!  http://japanesediary.files.wordpress.com/2011/03/the_movies_logo-screenshot_large.jpgDetails TBD | YOU ARE REQUIRED  TO E-MAIL TO YOUR  ADVISOR AND MENTOR OR MENTOR DESIGNEE BY  NOON TODAY -  ADDING MATERIALS AND METHODS WHILE CONTINUING TO WORK ON INTRO & REFERENCES.  **RESEARCH**  Your schedule is  based  on the discretion  of your  Research Mentor |
| *8:30 – 9:45*  ***“St. Louis' Bioscience***  ***Innovation Ecosystem”***  ***MR. DONN RUBIN***  *President and CEO*  *BioSTL*  *drubin@biostl.org*  *121 Research* |
| *9:50 – 11:05*  ***“Nerve Injury Lecture”***  ***AMY MOORE, MD***  *Asst. Professor, Surgery*  *Plastic and Reconstructive Surgery Center*  *Department of Surgery*  *WUSTL School of Medicine*  *mooream@wudosis.wustl.edu*  *121 Research* | *10:00 - 11:30*  ***’The Soloist’***  ***“A Study of Paranoid Schizophrenia and Other***  ***Mental Health Issues”***  ***DR. DEANNA BARCH***  *Chair, Dept. of Psychology*  *Washington University*  *dbarch@wustl.edu*  ***MR. ADAM CRANE***  *Vice President*  *for External Affairs*  *St. Louis Symphony*  [*adamc@stlsymphony.org*](mailto:adamc@stlsymphony.org)  ***MR. EDDIE SILVA***  *External Affairs and*  *Publications Manager*  *St. Louis Symphony*  *121 Research* |
| *11:15 – 12:00*  ***Washington University***  ***Undergraduate Program***  ***MS. ARIEL SAUL***  *Admissions Officer asaul@wustl.edu*  ***MR. CHRIS KROEGER***  *Assoc. Dean, School of Eng.*  *ckroeger@wustl.edu*  *Washington University*  *121 Research* |
| 12:10 - 12:30  BUFFET LUNCH  MSC Pilot House – 1st Floor | 11:45 - 12:15  BUFFET LUNCH  MSC Century C |
| **RESEARCH**  Your schedule is  based on  the discretion  of your  Research Mentor | **RESEARCH**  Your schedule is  based on  the discretion  of your  Research Mentor |

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***Mandatory UMSL Campus Activities are Shaded***

**WEEK FOUR**

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| **MONDAY**  **JULY 4** | **TUESDAY**  **JULY 5** | **WEDNESDAY**  **JULY 6** | **THURSDAY**  **JULY 7** | **FRIDAY**  **JULY 8** |
| http://www.townofchapelhill.org/Modules/ShowImage.aspx?imageid=5728  **H**  **O**  **L**  **I**  **D**  **A**  **Y** | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | *8:00 – 8:25*  ***Paper Q & A With Your Advisor***  *201 Stadler /Hamper-Woerndle-Meisel*  *244 Stadler / Weinberg*  *245 Stadler / M. Hope-Berger*  *248 Stadler / Granok*  *301 Stadler / Burnette*  *304 Stadler / Howard / H. Hope*  *121 Research / Krul*  ***“Nanoscience and Medicine”***  *8:30 – 9:15* ***DR. TOM GEORGE***  *Chancellor and Professor, UMSL*  *tfgeorge@umsl.edu*  *9:15 – 10:00* ***DR. YOUNG-SHIN JUN***  ***“Nanoscience and the Environment”***  *Associate Professor*  *Energy, Environ. and Chem. Engineering*  *Washington University*  *ysjun@seas.wustl.edu*  *10:00 – 10:45* ***DR. GEORGE GOKEL***  *Distinguished Professor*  *Director, Ctr. for Nanoscience, UMSL*  [*gokelg@umsl.edu*](mailto:gokelg@umsl.edu)  *121 Research*  *11:00 – 11:50*  ***“University of Missouri - St. Louis Undergraduate Opportunities”***  ***MR. DREW GRIFFIN***  *Director of Admissions – UMSL*  *askdrew@umsl.edu*  ***MR. JOE SOUTHERLAND***  *Academic Advisor - UMSL*  [*southerlandj@umsl.edu*](mailto:southerlandj@umsl.edu)  *121 Research* | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | YOU ARE REQUIRED  TO E-MAIL TO YOUR  ADVISOR AND MENTOR OR MENTOR DESIGNEE BY NOON TODAY  ADDING THE START OF YOUR RESULTS AND DISCUSSION WHILE CONTINUING TO WORK ON OTHER SECTIONS.  **RESEARCH**  Your schedule is based  on the discretion of your  Research Mentor |
| 12:00 - 12:30  BUFFET LUNCH  MSC Century C |
| MSC Meeting Room 313 is reserved if needed for UMKC or Science Fair meetings. |
| **RESEARCH**  Your schedule is based on the discretion of your Research Mentor  St. Louis Cardinals Logo Vector | VectorFans  **BASEBALL (Section 235)**  **5:00** *Leave for Union Station for dinner there on your own.*  **6:45** *Meet at Union Station Metrolink Station (top of the stairs)*  *to ride to the game as a group*  **7:15 CARDINALS vs. PIRATES** |

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***Mandatory UMSL Campus Activities are Shaded***

**WEEK FIVE**

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| **MONDAY**  **JULY 11** | **TUESDAY**  **JULY 12** | **WEDNESDAY**  **JULY 13** | **THURSDAY**  **JULY 14** | **FRIDAY**  **JULY 15** |
| 8:00 – 8:25  ***Paper Q & A With Your Advisor***  *201 Stadler /Hamper-Woerndle-Meisel*  *244 Stadler / Weinberg*  *245 Stadler / M. Hope-Berger*  *248 Stadler / Granok*  *301 Stadler / Burnette*  *304 Stadler / Howard*  */ H. Hope*  *121 Research / Krul* | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | 8:30 – 9:25  ***TBA***  ***Saint Louis University***  *121 Research* | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | MANDATORY!  **YOU ARE**  **REQUIRED**  **TO E-MAIL**  **YOUR**  **RESEARCH**  **PAPER (INCLUDING ABSTRACT)**  **TO YOUR**  **ADVISOR**  **AND MENTOR**  **OR MENTOR DESIGNEE**  **BY**  **NOON**  **TODAY**  **RESEARCH**  Your  schedule is  based on  the  discretion  of your  Research  Mentor |
| 8:30 – 9:50  ***“Subversive Science: Sustainability and Architecture”***  ***MR. BRUCE LINDSEY***  *Dean and Des Lee Professor*  *College of Architecture*  *Washington University*  *lindsey@samfox.wustl.edu*  *121 Research*  10:00 - 11:55  ***“Autism: What is it?***  ***Who is affected?***  ***What is being done?”***  ***MS. JEANNE MARSHALL***  *Vice President, Autism Services*  *Easter Seals Midwest*  *jeanne.marshall@esmw.org*  ***“Finding Kansas: Living and Decoding Asperger’s Syndrome”***  ***MR. AARON LIKENS***  *Author*  *aaron.likens@esmw.org*  *121 Research* | 9:30 – 10:30  ***“Living and Dying with Oxygen:***  ***Driving Forces Behind the Origin of Eukaryotes, Sex and Aging”***  ***DR. JACK KENNELL***  *Associate Professor*  *Department of Biology*  *Saint Louis University*  *kennellj@slu.edu*  *121 Research* |
| 10:35 - 11:50  ***“Saint Louis University***  ***Undergraduate Admissions”***  ***MR. MICHAEL GRUZESKI***  *Assistant Director*  *Office of Admission*  *Saint Louis University*  *gruzeski@slu.edu*  *121 Research* |
| 12:10 - 12:45  BUFFET LUNCH  MSC Century C | 12:00 - 12:30  BUFFET LUNCH  MSC Century C |
| MSC Meeting Room 313 is reserved if needed for UMKC or Science Fair meetings.  **RESEARCH**  Your schedule is based on  the discretion of your  Research Mentor | 12:30 – 1:30  ***(FOR INTERESTED STUDENTS)***  ***“UMKC Six-Year Medical School”***  ***Ms. Brandy Baze***  *Recruitment Coordinator*  *Admissions and Recruitment*  *UMKC School of Medicine*  *bazeb@umkc.edu*  *MSC Room 313* |
| **RESEARCH**  Your schedule is based on  the discretion of your  Research Mentor |

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**WEEK SIX**

***Mandatory UMSL Campus Activities are Shaded***

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| **MONDAY**  **JULY 18** | **TUESDAY**  **JULY 19** | **WEDNESDAY**  **JULY 20** | **THURSDAY**  **JULY 21** | **FRIDAY**  **JULY 22** |
| 8:00 – 8:25  ***Paper Q & A***  *201 Stadler / Hamper-Woerndle-Meisel*  *244 Stadler / Weinberg*  *245 Stadler / M. Hope-Berger*  *248 Stadler / Granok*  *301 Stadler / Burnette*  *304 Stadler / Howard*  */ H. Hope*  *121 Research / Krul* | **MENTOR**  **PAPER**  **PRESENTATION**  Your  schedule  is  based on  the  discretion  of your  Research  Mentor | 8:45 – 9:15***CONFIRMATION***  ***CEREMONY***  ***REHEARSAL***  *104 Stadler* | **R E S E A R C H**  Your  schedule  is  based  on  the discretion  of your  Research Mentor | *8:00 - 11:55*  *RESEARCH PAPER*  *PRESENTATIONS*  *With Advisors*  ***TWO, STAPLED copies of your COMPLETE research paper must be given to your advisor this morning. MUST INCLUDE THE SIGNED***  ***MENTOR APPROVAL SHEET.***  *101 Benton*  *104 Benton*  *115 Benton*  *116 Benton*  *241 Benton*  *240 Benton*  *445 Benton*  *446 Benton*  *121 Research* |
| 9:30 – 9:55  ***PHOTOGRAPHS***  *Total Group & By High School*  *Research Building Back Steps* |
| 8:30 – 9:45  ***“How to Make a Good Presentation”***  ***DR. DAN RUZICKA***  *Research Scientist*  *Monsanto Company*  *dan.ruzicka@monsanto.com*  *121 Research* | 10:00 – 11:30  ***PRESENTATION***  ***PRACTICE***  *With Advisors*  *101 Benton*  *104 Benton*  *115 Benton*  *116 Benton*  *240 Benton*  *241 Benton*  *446 Benton*  *445 Benton*  *121 Research* |
| *10:00 – 11:30*  ***“Getting Ready for a Career in Medicine”***  ***10-10:30 NIHARIKA RATH, MD***  *2nd year, Resident Physician*  *Rath\_n@kids.wustl.edu*  ***10:30-11:30 Ms. PATTI MCCARTY***  *Sr. Coordinator, Mktg. & Comm.*  *St. Louis Childrens’ Hospital*  [*patti.mccarty@bjc.org*](mailto:patti.mccarty@bjc.org)  *121 Research* |
| LUNCH ON YOUR OWN | **12:00 – 12:45**  **BUFFET LUNCH**  MSC Century B and C |
| 11:45 – 12:15  BUFFET LUNCH  MSC Century C  *12:15 – 1:15*  ***(FOR INTERESTED STUDENTS)***  ***Science Fair Competitions***  *DR. BRUCE HAMPER*  *Honors Fair Chairman*  *Asst. Teaching Prof., UMSL*  *hamper@umsl.edu*  *MS. PEGGY NACKE*  *Director*  *Special Projects/Events*  *Academy of Science STL*  *peggyn@academyofsciencestl.org*  *MSC Room 313*  *MENTOR*  *PAPER*  *PRESENTATION*  *Your schedule is based on the discretion of your*  *Research Mentor* | *12:15 – 3:30*  ***PRESENTATION***  ***PRACTICE (continued)***  *With Advisors*  *101 Benton*  *102 Benton(not open in AM)*  *104 Benton*  *115 Benton*  *116 Benton*  *240 Benton*  *241 Benton*  *445 Benton*  *446 Benton*  *121 Research (only until 1:30)*  *You may depart at the discretion of your Advisor* | ***1:00 – 2:15***  ***RESEARCH PAPER***  ***PRESENTATIONS (cont.)***  *101, 102(not AM), 104, 115, 116 Benton*  *240, 241, 445, 446 Benton*  *121 Research*  ***2:20 - ALL students board bus***  ***2:30 - Bus departs for Touhill*** |
| ***3:00 – 4:00***  ***CONFIRMATION CEREMONY***  ***Challenge Speaker:***  ***Dr. Holden Thorp, Provost***  ***Washington University***  ***(Reception Follows)***  ***Touhill Performing Arts Center***  ***E. Desmond and Mary Ann***  ***Lee Theater – UMSL*** |