

2019 SCHEDULE

[***http://www.umsl.edu/~sep/STARS/index.html***](http://www.umsl.edu/~sep/STARS/index.html)

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 *Cortex Innovation Community University of Missouri-Saint Louis… Saint Louis University….Washington University in St. Louis Donald Danforth Plant Science Center St. Louis Symphony….Saint Louis Zoo…Monsanto Company… Academy of Science of St. Louis*

 *Saint Louis University* *Saint Louis Arc..John Burroughs School…St. Louis Children’s Hospital…St. Joseph Institute for the Deaf Washington University in St. Louis UMKC School of Medicine….Missouri Botanical Garden….BioSTL*

 *University of Missouri-St. Louis*

***MANDATORY UMSL Attendance Activities are Shaded***

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|  **MONDAY** **JUNE 10** | **TUESDAY****JUNE 11** | **WEDNESDAY****JUNE 12** | **THURSDAY****JUNE 13** | **FRIDAY****JUNE 14** |
| 8:00 – 8:30***REGISTRATION & CONTINENTAL BREAKFAST****Science Learning Building Atrium, UMSL North**Park in Garage #52 on West Drive* | **RESEARCH**Studentswork withtheirResearch Mentorsat theirrespectivecampus | 8:30 – 8:55***STUDENT INTRODUCTIONS******Continued******DR. KEN MARES*** ***“TEST QUESTIONS”******DR. CHARLES GRANGER******303 Benton Hall*** | **RESEARCH**Studentswork withtheirResearch Mentorsat theirrespectivecampus | **F R I D A Y****REQUIREMENT**E-MAIL THE TITLE AND A1-2 SENTENCE DESCRIPTIONOF YOURRESEARCHPAPERTO YOURADVISORBYNOONTODAY**RESEARCH**Your scheduleis based onthe discretionof yourResearch Mentor |
| 8:30 – 10:45***WELCOME, ORIENTATION,******INTRODUCTIONS******DR. KEN MARES******DR. CHARLES GRANGER******DR. HEIDI HOPE******303 Benton Hall*** | 9:00 – 9:55***“CIRCADIAN RYTHUM”******DR. ERIK D. HERZOG******Professor of Biology*** ***Department of Biology******Washington University******herzog@wustl.edu******303 Benton Hall*** |
| 11:00 – 12:00***LABORATORY SAFETY and COMPLIANCE TRAINING******Angie Dartt and Briana Davis, WUSTL – 303 Benton Hall******Renee Knoll and Nick Pierce-Cramer, DDPSC, STLCOP and SLU – 412 Science Learning Building*** ***Jeffrey Evers, UMSL – 413 Science Learning Building*** |
| 10:05 – 11:20***“MATHEMATICS & MUSIC”******Professor EMILY ROSS.******Associate Teaching Professor******Dept. of Math & Computer Science******UMSL******rossem@umsl.edu******DR. ZACHARY CAIRNS******Associate Professor******Dept. of Music******UMSL******cairnsz@umsl.edu******303 Benton Hall*** |
| 12:00-12:50BUFFET LUNCHMillennium Student Ctr. (MSC)Century B and C – Third Floor1:00 1. ***STUDENT PHOTOS***
2. ***LAB COAT FITTINGS***
3. ***UMSL ID CARDS***

***You MUST Bring a Current Photo ID to Room 285***1. ***Please visit cashiers for parking and metro pass***

***5. Adjourn for the day*** |
| 11:30 – 12:15BUFFET LUNCH**MSC Century B and C** |
| **RESEARCH**Your scheduleis based onthe discretionof yourResearch Mentor |

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**WEEK TWO**

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| **MONDAY****JUNE 17** | **TUESDAY****JUNE 18** | **WEDNESDAY****JUNE 19** | **THURSDAY****JUNE 20** | **FRIDAY****JUNE 21** |
| 8:00 – 8:25***Research Paper Update******DR. HEIDI HOPE******Director Biology******Confluence Discovery Technologies******hhope@confluencestl.com******303 Benton Hall*** | **RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor | 8:30 – 10:10***“MOCK APPLICATION CASE STUDY”******Recruitment - Admissions Office******Washington University******303 Benton Hall***UMSL-303 Benton HallWASHU- 231 Benton HallSTU, STLCOP, DDPSC- 104 Benton Hall | **RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor | **F R I D A Y****REQUIREMENT** E-MAIL THEINTRODUCTION START & REFERENCESFOR YOURRESEARCHPAPERTO YOURADVISOR**AND** MENTOROR MENTOR DESIGNEEBYNOONTODAY**RESEARCH**Your schedule is based on the discretion of yourResearch Mentor |
| 8:30 – 9:25 ***“HOW TO MAKE A GOOD PRESENTATION”******DR. DAN RUZICKA******Research Scientist******Bayer******dan.ruzicka@bayer.com******303 Benton Hall*** | 10:15-11:25***“MEDICAL ETHICS”******DR. IRA KODNER******Colorectal Surgeon******Director of the Washington Univ. Center for the Study of Ethics and Human Values******303 Benton Hall******kodner@wustl.edu*****11:30 – 12:15****BUFFET LUNCH****MSC Century B and C** |
| 9:35 – 10:25***“ECOLOGY OF INVASIVE*** ***SPECIES IN MISSOURI:*** ***WHO DOES WHAT TO WHOM”******DR. ROBERT MARQUIS******Professor******Department of Biology******University of Missouri-St. Louis***[***robert\_marquis@umsl.edu***](file:///%5C%5Cstl.umsl.edu%5Csteamboat%5Cb%5Cburney-millerk%5CGOLIDAYE%5CSTARS%5CSTARS%20Program%202018%5CSTARS%202018%20DRAFT%20SCHEDULES%5CJanuary%202018%5Crobert_marquis%40umsl.edu)***303 Benton Hall******\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***10:35 – 11:30***“Protecting Wildlife through Conservation Medicine”******Sharon Deem******DVM, PhD, DACZM******Director, Institute for Conservation Medicine******St. Louis Zoo******deem@stlzoo.org*** ***Benton Hall******\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***11:40 – 12:00BUFFET LUNCH**MSC Century B and C** |
| 11:30 – 12:25**CHAIR LUNCH** **(look for you name on the list in the front of the room)** |  | 11:30 – 12:25**CHAIR LUNCH** **(look for you name on the list in the front of the room)** |  |  |
| **RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor |  | **RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor |  |  |

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**WEEK THREE**

***MANDATORY UMSL Attendance Activities are Shaded***

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| **MONDAY****JUNE 24** | **TUESDAY****JUNE 25** | **WEDNESDAY****JUNE 26** | **THURSDAY****JUNE 27** | **FRIDAY****JUNE 28** |
| *8:30 - 9:50****“FACTS AND FICTION -******THE INTERVIEWING PROCESS FOR COLLEGE ADMISSIONS”******Dr. DAVID MONTANI******Clinical Instructor of Psychiatry*** ***WUSTL School of Medicine***[***davidmotani@gmail.com***](file:///%5C%5Cstl.umsl.edu%5Csteamboat%5Cb%5Cburney-millerk%5CGOLIDAYE%5CSTARS%5CSTARS%20Program%202018%5CSTARS%202018%20DRAFT%20SCHEDULES%5CJanuary%202018%5Cntarbouni%40jburroughs.org)***303 Benton Hall******MS.NANETTE TARBOUNI******Director, College Counseling******John Burroughs School******ntarbouni@jburroughs.org******303 Benton Hall*** | **RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor | *8:30 – 9:25****“Issues for the Hearing Impaired.”******Ms. Zareena Koch******Director of Development******St. Joseph Institute for the Deaf******zkoch@sjid.org******303 Benton Hall*** | **RESEARCH**Your schedule is based onthe discretion of your Research Mentor | **F R I D A Y****REQUIREMENT** E-MAIL YOURADVISOR AND MENTOR OR MENTOR DESIGNEE BYNOON TODAY - ADDING MATERIALS AND METHODS WHILE CONTINUING TO WORK ON INTRO & REFERENCES.**RESEARCH**Your schedule is based on the discretion of yourResearch Mentor |
| *9:30 – 10:15****“COLLEGE ESSAY WRITING”******TBA******Washington University*** ***303 Benton Hall*** |
| *10:00 – 11:30****“CRASH COURSE IN HEALTH DISPARITIES”*****WILL ROSS, M.D.*****Professor, Dept. of Internal Medicine******Washington University*** ***rossw@wustl.edu******BOB HANSMAN******Associate Professor******Gephardt Institute Faculty Fellow******Washington University******hansman@wustl.edu******JORGE RIOPEDRE******President*** ***Casa de Salud******jriopedre@casadesaludstl.org******303 Benton Hall***11:35 - 12:15BUFFET LUNCH**\*Pickup – Cardinals Tickets\***MSC Century B and C**RESEARCH**Your schedule is based onthe discretion of yourResearch Mentor | *10:20 – 11:50****“GETTING READY******FOR A CAREER IN MEDICINE”******10:20-10:55*** ***Dr. ANGELA HIRBE, M.D., Ph.D.******Assistant Professor of Medicine******Washington University******hirbea@wustl.edu******11:00-11:50*** ***JAN ROGERS******St. Louis Children’s’ Hospital******The Children’s Discovery Institute******The Frontline for HOPE******Jan.rogers@bjc.org******303 Benton Hall*** 12:00 - 12:30BUFFET LUNCH**MSC Century B and C****RESEARCH**Your schedule isbased onthe discretionof yourResearch Mentor |
|  | **6:15PM :** **VS.** |

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***MANDATORY UMSL Attendance Activities are Shaded***

**WEEK FOUR**

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| **MONDAY****JULY 1** | **TUESDAY****JULY 2** | **WEDNESDAY****JULY 3** | **THURSDAY****JULY 4** | **FRIDAY****JULY 5** |
| **RESEARCH**Yourschedule isbased onthe discretionof yourResearch Mentor | **RESEARCH**Yourschedule isbased onthe discretionof yourResearch Mentor | **RESEARCH**Yourschedule isbased onthe discretionof yourResearch Mentor | http://www.townofchapelhill.org/Modules/ShowImage.aspx?imageid=5728***H******O******L******I******D******A******Y*** | **F R I D A Y****REQUIREMENT** E-MAILYOURADVISOR 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 yourResearch Mentor |

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**WEEK FIVE**

***MANDATORY UMSL Attendance Activities are Shaded***

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| **MONDAY****JULY 8** | **TUESDAY****JULY 9** | **WEDNESDAY****JULY 10** | **THURSDAY****JULY 11** | **FRIDAY****JULY 12** |
| *8:30 – 9:50****“NERVE INJURIES and CORRECTIVE PROCEDURES******AMY MOORE, MD******Assistant Professor of Surgery******Plastic and Reconstructive Surgery Center******Department of Surgery******WUSTL School of Medicine***[***mooream@wudosis.wustl.edu***](file:///%5C%5Cstl.umsl.edu%5Csteamboat%5Cb%5Cburney-millerk%5CGOLIDAYE%5CSTARS%5CSTARS%20Program%202018%5CSTARS%202018%20DRAFT%20SCHEDULES%5CJanuary%202018%5Cmooream%40wudosis.wustl.edu)***303 Benton Hall******“WASHU surgeon is a pioneer in treatment of children with rare paralysis”*** | **RESEARCH**Yourschedule isbased onthe discretionof yourResearch Mentor | *8:00 – 8:25****PAPER Q & A WITH YOUR ADVISOR******409 SLB****- Hamper – Woerndle – Oberle - H. Hope – Fix****412 SLB*** *– Weinberg- M. Hope – Bulmash - Burnette – Granok – Foster****413 SLB****- Berger –Kaul- Stillwell – Pufalh - Humphries – Spingola - Jarrett* | **RESEARCH**Yourschedule isbased onthe discretionof yourResearch 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**Yourschedule isbased onthediscretionof yourResearch Mentor |
| 8:30 – 9:30***“ST. LOUIS' BIOSCIENCE******INNOVATION ECOSYSTEM”******MR. DONN RUBIN******President and CEO******BioSTL******drubin@biostl.org******303 Benton Hall*** |
| 10:00 - 11:30***10:00 – 10:30 “AUTISM: WHAT IS IT?******WHO IS AFFECTED?******WHAT IS BEING DONE?”******Dr. Michael Quinn and Julie Preuss******St. Louis Arc******mquinn@slarc.org******jpreuss@slarc.org******303 Benton Hall******10:30 – 11:30 “FINDING KANSAS:*** ***LIVING AND DECODING ASPERGER’S SYNDROME”******Aaron Likens, Author******303 Benton Hall******\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***11:40 – 12:30BUFFET LUNCH**MSC Century B and C**11:40 – 12:25**CHAIR LUNCH** **(look for you name on the list in the front of the room)** | *9:35 – 10:30****“THE GREAT BIG WORLD OF TINY MICROORGANISMS:*** ***AN EXPLORATION OF MICROBIOMES”******DR. BLYTHE JANOWIAK******Associate Professor, Biology Dept.******Saint Louis University***[***bjanowia@slu.edu***](file:///%5C%5Cstl.umsl.edu%5Csteamboat%5Cb%5Cburney-millerk%5CGOLIDAYE%5CSTARS%5CSTARS%20Program%202018%5CSTARS%202018%20DRAFT%20SCHEDULES%5CJanuary%202018%5Cbjanowia%40slu.edu)***303 Benton Hall*** |
| 10:35 - 11:25***“SAINT LOUIS UNIVERSITY******UNDERGRADUATE ADMISSIONS”******Susan Lutz, M.A.******Assistant Director of Local Recruitment******Saint Louis UniversityOffice of Admission******susan.lutz@slu.edu******\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***11:40 – 12:25BUFFET LUNCH**MSC Century B and C**11:40 – 12:25**CHAIR LUNCH** **(look for you name on the list in the front of the room)** |
| *12:30 – 1:15pm* ***(FOR INTERESTED STUDENTS)******“SCIENCE FAIR COMPETITIONS”******DR. BRUCE HAMPER******Honors Fair Chairman******Teaching Professor******University of Missouri-St. Louis******hamperb@umsl.edu******MS. PEGGY NACKE******Director******Special Projects / Events******Academy of Science St. Louis******peggyn@academyofsciencestl.org****MSC Room 313***RESEARCH**Your schedule is based onthe discretion of yourResearch Mentor | 12:35 – 2:00***(FOR INTERESTED STUDENTS)******“UMKC SIX-YEAR MEDICAL SCHOOL”******Ms. Alexandra Richter******Assistant Manager of Admissions and Recruitment******richteram@umkc.edu****MSC Student Gov’t. Assoc. (SGA) 3rd fl.***RESEARCH**Your schedule is based onthe discretion of yourResearch Mentor |

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***MANDATORY UMSL Attendance Activities are Shaded***

**WEEK SIX**

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| **MONDAY****JULY 15** | **TUESDAY****JULY 16** | **WEDNESDAY****JULY 17** | **THURSDAY****JULY 18** | **FRIDAY****JULY 19** |
| *8:00 – 8:25****PAPER Q & A WITH YOUR ADVISOR******409 SLB****- Hamper – Woerndle – Oberle - H. Hope - Fix****412 SLB*** *– Weinberg- M. Hope – Bulmash - Burnette – Granok – Foster****413 SLB****- Berger - Kaul – Stillwell – Pufalh - Humphries – Spingola - Jarrett*  | **MENTOR****PAPER****PRESENTATION**Yourschedule isbased onthediscretionof yourResearchMentor |  8:30 – 9:30 ***CONFIRMATION*** ***CEREMONY*** ***REHEARSAL****104 Stadler* | **RESEARCH**Yourscheduleisbasedonthe discretionof yourResearch Mentor | *9:00 - 11:45****RESEARCH PAPER******PRESENTATIONS******TWO, STAPLED copies of your COMPLETE research paper must be given to your advisor this morning….*MUST *INCLUDE THE SIGNED******MENTOR APPROVAL FORM*****P.M. PRESENTERS ARE TO** **ATTEND A.M. PRESENTATIONS** *100 Clark Hall (seats 225)**201 Clark Hall (seats 16)**206 Clark Hall (seats 68)**208 Clark Hall (seats 40)**209 Clark Hall (seats 40)**217 Clark Hall (seats 35)**300 Clark Hall (seats 49)**305 Clark Hall (seats 35)**311 Clark Hall (seats 49)**312 Clark Hall (seats 35)* |
| 9:30 – 9:55***PHOTOGRAPHS****Group & By High School**Research Bldg. Patio Steps*10:00 – 11:30***PRESENTATION******PRACTICE****With Your Advisor**100 Clark Hall (seats 225)**201 Clark Hall (seats 16)**206 Clark Hall (seats 68)**208 Clark Hall (seats40)* *209 Clark Hall (seats 40)**214 Clark Hall (seats 35)**217 Clark Hall (seats 35)**305 Clark Hall (seats 35)**300 Clark Hall (seats 49)**309 Clark Hall (seats 45)**312 Clark Hall (seats 35)*LUNCH ON YOUR OWN*12:15 – 3:30****PRESENTATION******PRACTICE (continued)****With the Advisors**100 Clark Hall (seats 225)**201 Clark Hall (seats 16)**206 Clark Hall (seats 68)**209 Clark Hall (seats 40)**214 Clark Hall (seats 35)**217 Clark Hall (seats 35)**305 Clark Hall (seats 35)**307 Clark Hall (seats 30)**308 Clark Hall (seats 35)**309 Clark Hall (seats 45)**312 Clark Hall (seats 35)****TBA****You may depart at the discretion of your Advisor* |
| 8:40 – 9:50***“The Power of Nonverbal Communication”******Dr. Miles Paterson*** ***Professor Emeritus, Dept. Of Psychological Science******Miles\_patterson@umsl.edu******303 Benton Hall*** |
| *10:00 – 11:20****“WASHINGTON UNIVERSITY UNDERGRADUATE PROGRAM”******TBA******Admissions Officer******MR. CHRIS RAMSAY******Asst. Dean, School of Eng.***[***cramsay@wustl.edu***](file:///%5C%5Cstl.umsl.edu%5Csteamboat%5Cb%5Cburney-millerk%5CGOLIDAYE%5CSTARS%5CSTARS%20Program%202018%5CSTARS%202018%20DRAFT%20SCHEDULES%5CJanuary%202018%5Ccramsay%40wustl.edu)***Washington University******303 Benton Hall****\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*11:30 – 12:20BUFFET LUNCH **MSC Century B and C*****MENTOR******PAPER PRESENTATION****Your schedule is based on the discretion of your**Research Mentor* |
| **12:00-12:45 BUFFET LUNCH** MSC Century B and CAll are Welcome**A.M. PRESENTERS ARE TO** **ATTEND P.M. PRESENTATIONS**  |
| ***1:00 – 2:15******RESEARCH PAPER******PRESENTATIONS (continued)****Same rooms as morning sessions****At 2:20 ALL students line up in*** ***lunch area (Century B & C)*** ***to walk to Touhill Ceremony*** |
| ***3:00 – 4:00******CONFIRMATION CEREMONY******Professor Barbara Harbach******Mistress of Ceremonies******Ms. Julia Brncic – Welcome*** ***Mr. John F. McDonnell Challenge Speaker****(Reception Follows)**Touhill Performing Arts Center**E. Desmond and* *Mary Ann Lee Theater – UMSL* |