

2019 SCHEDULE

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

*IN PARTNERSHIP WITH: SPONSORED BY:*

*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* | **R E S E A R C H**  Students  work with  their  Research Mentors  at their  respective  campus | 8:30 – 8:55  ***STUDENT INTRODUCTIONS***  ***Continued***  ***DR. KEN MARES***  ***“TEST QUESTIONS”***  ***DR. CHARLES GRANGER***  ***303 Benton Hall*** | **R E S E A R C H**  Students  work with  their  Research Mentors  at their  respective  campus | **F R I D A Y**  **REQUIREMENT**  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 – 10:45  ***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***](mailto:rossem@umsl.edu)  ***DR. ZACHARY CAIRNS***  ***Associate Professor***  ***Dept. of Music***  ***UMSL***  ***cairnsz@umsl.edu***  ***303 Benton Hall*** |
| 12:00-12:50  BUFFET LUNCH  Millennium Student Ctr. (MSC)  Century B and C – Third Floor  1:00   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 – 12:15  BUFFET LUNCH  **MSC Century B and C** |
| **RESEARCH**  Your schedule  is based on  the discretion  of your  Research Mentor |

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

**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***](mailto:hhope@confluencestl.com)  ***303 Benton Hall*** | **R E S E A R C H**  Your schedule is  based on  the discretion  of your  Research Mentor | 8:30 – 10:10  ***“MOCK APPLICATION CASE STUDY”***  ***Recruitment - Admissions Office***  ***Washington University***  ***303 Benton Hall***  UMSL-303 Benton Hall  WASHU- 231 Benton Hall  STU, STLCOP, DDPSC- 104 Benton Hall | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | **F R I D A Y**  **REQUIREMENT**  E-MAIL 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 |
| 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:///\\stl.umsl.edu\steamboat\b\burney-millerk\GOLIDAYE\STARS\STARS%20Program%202018\STARS%202018%20DRAFT%20SCHEDULES\January%202018\robert_marquis@umsl.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***](mailto:deem@stlzoo.org)  ***Benton Hall***  ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***  11:40 – 12:00  BUFFET 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 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 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:///\\stl.umsl.edu\steamboat\b\burney-millerk\GOLIDAYE\STARS\STARS%20Program%202018\STARS%202018%20DRAFT%20SCHEDULES\January%202018\ntarbouni@jburroughs.org)  ***303 Benton Hall***  ***MS.NANETTE TARBOUNI***  ***Director, College Counseling***  ***John Burroughs School***  [***ntarbouni@jburroughs.org***](mailto:ntarbouni@jburroughs.org)  ***303 Benton Hall*** | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research 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*** | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research  Mentor | **F R I D A Y**  **REQUIREMENT**  E-MAIL 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 |
| *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***](mailto:rossw@wustl.edu)  ***BOB HANSMAN***  ***Associate Professor***  ***Gephardt Institute Faculty Fellow***  ***Washington University***  [***hansman@wustl.edu***](mailto:hansman@wustl.edu)  ***JORGE RIOPEDRE***  ***President***  ***Casa de Salud***  [***jriopedre@casadesaludstl.org***](mailto:jriopedre@casadesaludstl.org)  ***303 Benton Hall***  11:35 - 12:15  BUFFET LUNCH  **\*Pickup – Cardinals Tickets\***  MSC Century B and C  **RESEARCH**  Your schedule is based on  the discretion of your  Research 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***](mailto: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***](mailto:Jan.rogers@bjc.org)  ***303 Benton Hall***  12:00 - 12:30  BUFFET LUNCH  **MSC Century B and C**  **RESEARCH**  Your schedule is  based on  the discretion  of your  Research 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** |
| **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research  Mentor | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research Mentor | **R E S E A R C H**  Your  schedule is  based on  the discretion  of your  Research  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-MAIL  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 |

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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:///\\stl.umsl.edu\steamboat\b\burney-millerk\GOLIDAYE\STARS\STARS%20Program%202018\STARS%202018%20DRAFT%20SCHEDULES\January%202018\mooream@wudosis.wustl.edu)  ***303 Benton Hall***  ***“WASHU surgeon is a pioneer in treatment of children with rare paralysis”*** | **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***  ***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* | **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 – 9:30  ***“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***](mailto:mquinn@slarc.org)  [***jpreuss@slarc.org***](mailto: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 – 12:30  BUFFET 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:///\\stl.umsl.edu\steamboat\b\burney-millerk\GOLIDAYE\STARS\STARS%20Program%202018\STARS%202018%20DRAFT%20SCHEDULES\January%202018\bjanowia@slu.edu)  ***303 Benton Hall*** |
| 10:35 - 11:25  ***“SAINT LOUIS UNIVERSITY***  ***UNDERGRADUATE ADMISSIONS”***  ***Susan Lutz, M.A.***  ***Assistant Director of Local Recruitment***  ***Saint Louis University Office of Admission***  [***susan.lutz@slu.edu***](mailto:susan.lutz@slu.edu)  ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***  11:40 – 12:25  BUFFET 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***](mailto:hamperb@umsl.edu)  ***MS. PEGGY NACKE***  ***Director***  ***Special Projects / Events***  ***Academy of Science St. Louis***  [***peggyn@academyofsciencestl.org***](mailto:peggyn@academyofsciencestl.org)  *MSC Room 313*  **RESEARCH**  Your schedule is based on  the discretion of your  Research 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***](mailto:richteram@umkc.edu)  *MSC Student Gov’t. Assoc. (SGA) 3rd fl.*    **RESEARCH**  Your schedule is based on  the discretion of your  Research 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**  Your  schedule  is  based on  the  discretion  of your  Research  Mentor | 8:30 – 9:30 ***CONFIRMATION***  ***CEREMONY***  ***REHEARSAL***  *104 Stadler* | **R E S E A R C H**  Your  schedule  is  based  on  the discretion  of your  Research 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***](mailto: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:///\\stl.umsl.edu\steamboat\b\burney-millerk\GOLIDAYE\STARS\STARS%20Program%202018\STARS%202018%20DRAFT%20SCHEDULES\January%202018\cramsay@wustl.edu)  ***Washington University***  ***303 Benton Hall***  *\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*  11:30 – 12:20  BUFFET 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 C  All 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* |