**MS-CC Undergraduate Summer Research Internship Program**

Schedule of events

Schedule below represents a tentative list of activities. Changes will be added to the shared Google Calendar and communicated via email. **Between the hours of 9 AM and 5:00 PM (or hours arranged with mentors based on field or laboratory needs), if no program activity is listed, interns will be working on individual research projects.**

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| **Week 1** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **2-Jun** | **Monday** | 9:00am | Welcome & Introductions |  |  |
|  |  | 10:00am | Student Mentor Introduction, Sajid Hussain, | Hybrid | 10-12 |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-2:30pm | Campus Tour |  |  |
|  |  | 2:30pm-5:00pm | Group Meeting with Mentor | Homework |  |
| **3-Jun** | **Tuesday** | 9:00am-10:30am | Independent Working Time | Homework |  |
|  |  | 10:30am- 12:00pm | Lei Qian: Basics of AI/ML |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm- 5:00pm | Lei Qian: Basics of AI/ML Continued |  |  |
| **4-Jun** | **Wednesday** | 9:00am-10:30am | Independent Working Time | Homework |  |
|  |  | 10:30am-12:00pm | Asmah Muallem: Basics of Cybersecurity |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-5:00pm | Asmah Muallem: Basics of Cybersecurity |  |  |
| **5-Jun** | **Thursday** | 9:00am-10:30am | Independent Working Time | Homework |  |
|  |  | 10:30am-12:00pm | Wansoo Im: Community Mapping |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-3:00pm | Wansoo Im: Community Mapping |  |  |
|  |  | 3:00pm-5:00pm | Mentor Meeting | Hybrid | 3-5 |
| **6-Jun** | **Friday** | 10:00am-11:30am | Community Reflections w/ Ms. [Alexia Jones](mailto:ajones@internet2.edu) |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm- 3:00pm | Workshop on Pottery/Musical Program Songs/Guitar |  |  |

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| **Week 2** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **9-Jun** | **Monday** | 9:30am-10:30am | Virtual Team Building Exercise w/ Ms. [Alexia Jones](mailto:ajones@internet2.edu)  Budgeting & Business Chemistry |  |  |
|  |  | 10:30am-12:00pm | Quarterman and Lockett (AI for Social Good) |  |  |
|  |  | 12:00pm-1:00pm | Lunch |  |  |
|  |  | 1:00pm- 5:00pm | Quarterman and Lockett (AI for Social Good) |  |  |
| **10-Jun** | **Tuesday** | 9:00am-10:00am | Independent Working Time | Homework |  |
|  |  | 10:00am-12:00pm | Invited Talk: Dr. Eleanor Lopez |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 2:00pm-5:00pm | Quarterman and Lockett (AI for Social Good) |  |  |
| **11-Jun** | **Wednesday** | 9:00am- 11:30am | Introduction to Python and AI: Loni Taylor |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-3:00pm | Introduction to Python and AI: Loni Taylor |  |  |
|  |  | 3:00pm-5:00pm | Mentor Check-in | In-Person | 3-5 |
| **12-Jun** | **Thursday** | 9:00am-12:00pm | Introduction to Python and AI: Loni Taylor |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-5:00pm | Independent Time | In-Person | 1-3 |
| **13-Jun** | **Friday** | TBA | Fisk Tour (Art Gallery and Special Collections) |  |  |

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| **Week 3** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **16-Jun** | **Monday** | 9:30am-12:00pm | Hanna Terletska: From Atoms to Quantum Computers: A Hands-on Workshop (MTSU) |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-4:00pm | Hanna Terletska: From Atoms to Quantum Computers: A Hands-on Workshop (MTSU) |  |  |
| **17-Jun** | **Tuesday** | 9:30am-12:00pm | Hanna Terletska: From Atoms to Quantum Computers: A Hands-on Workshop (MTSU) Pt2 |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-4:00pm | Hanna Terletska: From Atoms to Quantum Computers: A Hands-on Workshop (MTSU) Pt2 |  |  |
| **18-Jun** | **Wednesday** | 9:00am-12:00pm | Mike Paul and Victoria Franklin: Mapping Social Determinants of Health and Environmental Toxicology |  |  |
|  |  | 12:00pm | Lunch |  |  |
|  |  | 1:00pm-4:00pm | Mike Paul and Victoria Franklin: Mapping Social Determinants of Health and Environmental Toxicology |  |  |
| **19-Jun** | **Thursday** |  | HOLIDAY |  |  |
| **20-Jun** | **Friday** | TBA | View NASA PSI Projects- David Lockett | Hybrid | 1 hour |

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| **Week 4** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **23-Jun** | **Monday** | TBA | Hina Raja, Firdous Kausar, Beverly Robinson (Soft Skills) |  |  |
|  |  | TBA | Mentor & Intern Check-in | Hybrid | 1 hour |
|  |  | TBA | Research Time | Homework |  |
| **24-Jun** | **Tuesday** | TBA | Hina Raja, Firdous Kausar, Beverly Robinson (Soft Skills) |  |  |
|  |  | TBA | Independent Time | Homework |  |
|  |  | TBA | Research Time | Homework |  |
| **25-Jun** | **Wednesday** | TBA | Firdous Kausar, Latreace Wells (Career Success) |  |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Research Time | Homework |  |
| **26-Jun** | **Thursday** | TBA | Firdous Kausar, Latreace Wells (Career Success) |  |  |
|  |  | TBA | Independent Working Time | Homework |  |
| **27-Jun** | **Friday** | TBA | Musical Program Songs/Guitar | TBA |  |

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| **Week 5** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **30-Jun** | **Monday** | TBA | Ning Zhang, Karl Walker (Data Visualization) |  |  |
|  |  | TBA | Mentor & Intern Check-in | Hybrid | 1 hour |
|  |  | TBA | Research Time | Homework |  |
| **1-Jul** | **Tuesday** | TBA | Ning Zhang, Karl Walker (Data Visualization) |  |  |
|  |  | TBA | Independent Time | Homework |  |
| **2-Jul** | **Wednesday** | TBA | Ning Zhang, Veronica Kizer (Mental Health) |  |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Group Working Time | Homework |  |
| **3-Jul** | **Thursday** | TBA | Ning Zhang, Veronica Kizer (Mental Health) |  |  |
|  |  | TBA | Research Time | Homework |  |
|  |  | TBA | Mentor & Intern Check-in | Hybrid | 1 hour |
| **4-Jul** | **Friday** | TBA | HOLIDAY |  |  |

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| **Week 6** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **7-Jul** | **Monday** | TBA | U Ghosh: Workshop |  |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Research Time | Homework |  |
| **8-Jul** | **Tuesday** | TBA | U Ghosh: Workshop |  |  |
|  |  | TBA | Independent Time | Homework |  |
| **9-Jul** | **Wednesday** | TBA | La Chiara: R-ise Workshop |  |  |
|  |  | TBA | Mentor Check-In | Homework |  |
| **10-Jul** | **Thursday** | TBA | La Chiara: R-ise Workshop |  |  |
|  |  | TBA | Independent Time | Hybrid | 1 hour |
| **11-Jul** | **Friday** | TBA | Design, Create, Innovate: Where Tech Meets Art and Creativity Collides! and Project Catchup |  |  |
|  |  | TBA | Community Reflections | In-person |  |

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| **Week 7** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |

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| **14-Jul** | **Monday** | TBA | Matt Anderson: Web Development Workshop |  |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Research Time | Homework |  |
| **15-Jul** | **Tuesday** | TBA | Matt Anderson: Web Development Workshop |  |  |
|  |  | TBA | Independent Time | Homework |  |
| **16-Jul** | **Wednesday** | TBA | D Das: Workshop on Cyberinfrastructure Security and Blockchain |  |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
| **17-Jul** | **Thursday** | TBA | D Das: Workshop on Cyberinfrastructure Security and Blockchain |  |  |
|  |  | TBA | Independent Time | Hybrid | 1 hour |
| **18-Jul** | **Friday** | TBA | Nourishing Wellness: Ayurveda and Yoga Workshop |  |  |
|  |  | TBA | Community Reflections |  |  |
| **20-Jul** | **Sunday** | TBA | **PEARC24 CONFERENCE** |  |  |

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| **Week 8** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **21-Jul** | **Monday** | TBA | **PEARC24 CONFERENCE** |  |  |
| **22-Jul** | **Tuesday** | TBA | **PEARC24 CONFERENCE** |  |  |
| **23-Jul** | **Wednesday** | TBA | **PEARC24 CONFERENCE** |  |  |
| **24-Jul** | **Thursday** | TBA | **PEARC24 CONFERENCE** |  |  |
| **25-Jul** | **Friday** | TBA | **PEARC24 CONFERENCE** |  |  |

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| **Week 9** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **28-Jul** | **Monday** | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Research Time | Homework |  |
|  |  | TBA | Group Research Time | Homework |  |
| **29-Jul** | **Tuesday** | TBA | Research Time | Homework |  |
|  |  | TBA | Presentation Preparation | Homework |  |
|  |  | TBA | Independent Time | Homework |  |
| **30-Jul** | **Wednesday** | TBA | Research Time | Homework |  |
|  |  | TBA | Mentor & Intern Check-in | Homework |  |
|  |  | TBA | Presentation Preparation | Homework |  |
| **31-Aug** | **Thursday** | TBA | Research Time | Hybrid (day) | As-needed |
|  |  | TBA | Presentation Preparation | Hybrid (day) | As-needed |
| **1-Aug** | **Friday** | TBA | Research Time | Hybrid (day) | As-needed |
|  |  | TBA | Mentor Check-in | Hybrid (day) | As-needed |
|  |  | TBA | Presentation Preparation | Hybrid (day) | As-needed |
|  |  | TBA | Community Reflection | Hybrid (day) | As-needed |

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| **Week 10** | **Day** | **Time** | **Activity** | **Location** | **Time with Mentor** |
| **4-Aug** | **Monday** | TBA | Public Speaking Lecture |  |  |
|  |  | TBA | Independent Practice Scientific Presentation | Hybrid | As-needed |
| **5-Aug** | **Tuesday** | TBA | Presentation Preparation (Group) | Hybrid | As-needed |
| **6-Aug** | **Wednesday** | All Day | MS-CC Climate Science Symposium |  |  |
| **7-Aug** | **Thursday** | TBA | Close out celebration for students |  |  |
| **8-Aug** | **Friday** | TBA | Student Depart |  |  |