

PAN@MSU 2019 proposed schedule (in 1309 Seminar Room unless noted)

Week 1	Monday July 15	Tuesday July 16	Wednesday July 17	Thursday July 18	Friday July 19
8:50	Orientation	Orientation	Orientation	Orientation	Orientation
9:10	Introductions Icebreaker	Radiation Detectors <b>Cortesi</b>	Nuclear Astrophysics <b>Roberts</b>	Astronomy <b>Aydi</b>	Fundamental Symmetries <b>Singh</b>
10:00	Marble Nuclei lesson and activity <b>Constan</b>	Break (0:10) Q (0:15) A (0:35) Safety/Poster training	Neutron capture activity Break (0:10) Q (0:15) A (0:35)	Break (0:10) Q (0:15) A (0:35)	Break (0:10) Q (0:15) A (0:35) <b>JINA Kilburn/Constan</b>
11:00	Lunch	Lunch	Curriculum ideas <b>Miller</b>	Lunch	11:50 Photo (garden)
11:30	Shaw Hall	Shaw Hall	Lunch	Shaw Hall	Lunch
13:00	Isotopolis Introduction to NSCL Tour of NSCL <b>Constan</b>	Experiments intro Gamma Spectroscopy BPS <b>Richard</b>	In the NSCL Atrium Experiments intro Half-life BPS 1263 <b>Smith</b>	Geiger counters <b>Kilburn/Constan</b>	in the NSCL Atrium Lesson/idea sharing <b>Miller moderating</b>
14:00	Nuclear Experimentation <b>Lyons</b>				Survey/Closing
15:00	Break (0:10)	Reflection	Reflection	Reflection	End
16:00	Q (0:15) A (0:35)	Finish experiment	Finish experiment	Finish Lesson/poster	
17:30	Reflection/End	End	End	End	
Evening	7p Ice Cream?	9:30 Observing?	7p Impression 5?	Free time/Finish deliverable	
Week 2	Monday July 22	Tuesday July 23	Wednesday July 24	Thursday July 25	Friday July 26
8:50	Orientation	Orientation	Orientation	Orientation	Orientation
9:10	Introductions Icebreaker/form teams	Radiation Detectors <b>Cortesi</b>	Nuclear Astrophysics <b>Roberts</b>	Astronomy <b>Aydi</b>	Fundamental Symmetries <b>Singh</b>
10:00	Marble Nuclei lesson and activity <b>Constan</b>	Break (0:10) Q (0:15) A (0:35) Safety/Poster training	Neutron capture activity Break (0:10) Q (0:15) A (0:35)	Break (0:10) Q (0:15) A (0:35)	Break (0:10) Q (0:15) A (0:35) <b>Careers Constan</b>
11:00	Lunch	Lunch	Research roundtable	Lunch	11:50 Photo (garden)
11:30	Shaw Hall	Shaw Hall	Lunch	Shaw Hall	Lunch
13:00	Isotopolis Introduction to NSCL Tour of NSCL <b>Constan</b>	Experiments intro Gamma Spectroscopy BPS <b>Richard</b>	In the NSCL Atrium Experiments intro Half-life BPS 1263 <b>Smith</b>	Nuclear properties with EDF Theory <b>Brown</b>	in the NSCL Atrium Thank yous Surveys/cleanup Closing (Auditorium)
14:00	Nuclear Experimentation <b>Lyons</b>			Break (0:10) Q (0:15) A (0:35)	Poster session (atrium)
15:00	Break (0:10)	Reflection	Reflection	Reflection	End
16:00	Q (0:15) A (0:35)	Finish exp/work poster	Finish exp/work poster	Review, finish poster	
17:30	Reflection/End	End	End	End	
Evening	7p Campus tour	6:30p MSU Museum	7p AMA/ice cream	7p Talent/culture/game night	

Science Teachers

High School Students