

# 2023 HAWKS MUREP PRECOLLEGE SUMMER INSTITUTE

## SUMMER RESIDENTIAL EXPERIENCE

### SCHEDULE OF ACTIVITIES

<b>Sunday, July 16, 2023</b>			
Participants Arrive on UMES Campus and checked into <b>HARFORD HALL</b> from 5:00 p.m.			
<b>Week 1</b>			
<b>Monday, July 17, 2023</b>			
	Activity	Location	Assigned to
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Residence Assistant
8:00 AM – 9:00 AM	Breakfast	SSC	Resident Assistant
9:30 AM – 11:00 AM	UMES Campus Tour, Facilities & Laboratories	UMES	Dr. Dabipi & Dr. Zhang
11:00 AM – 1:00 PM	Lunch	SSC***	Student Assistant
1:30 PM – 4:00 PM	Wind Tunnel Design & Testing	EASC**	Drs. Dabipi, Brown & Zhang
4:30 PM – 6:00 PM	Dinner	SSC***	Student Assistance
6:30 PM – 9:00 PM	Reflection on day's activities and briefing for next day's activities.	ATC* 1162	Dr. Dabipi
9:30 PM – 6:00 AM	Retire to Rooms for the Night.	Harford Hall	Residence Assistant

**Week 1****Tuesday, July 18, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Residence Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Residence Assistant
9:30 AM – 10:30 AM	SAT Preparation - English Session	ATC* 1162	Ms. Carrol
10:30 AM - 11:30 AM	SAT Preparation - Mathematics Session	ATC* 1162	TBD
11:30 AM – 1:00 PM	Lunch	SSC***	Student Assistant
1:30 PM – 4:00 PM	Wind Tunnel Design & Testing	EASC***	Drs. Brown & Zhang
4:30 PM - 6:00 PM	Dinner	SSC***	Student Assistant
6:30 PM – 9:00 PM	STEM Mentoring	EASC***	Drs. Dabipi, Zhang & Dodoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

**Week 1****Wednesday, July 19, 2023**

	Activity	Location	Assigned To
6:00 AM - 8:00 AM	Wake-Up & Personal Grooming	Harford Hall	Residence Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Residence Assistant
9:00 AM – 10:00 AM	NASA Wallops Flight Facility Tour	NASA WFF*****	Ms. Benner
10:15 AM – 11:00 AM	NASA WFF Internship/Student Employment Opportunities Session	NASA WFF*****	Ms. Benner
11:00 AM – 11:30 AM	STEM Mentoring by NASA WFF Scientists & Engineers	NASA WFF*****	NASA WFF
11:30 AM – 1:00 PM	Lunch	TBD	Dr. Dabipi
1:30 PM – 4:00 PM	Job Shadowing with NASA WFF Scientists & Engineers	NASA WFF*****	NASA WFF
4:00 PM – 6:00 PM	Dinner	SSC***	Student Assistant
6:00 PM – 9:00 PM	Reflection on day's activities and briefing for next day's activities.	EASC**	Drs. Dabipi, Zhang & Dodoo
9:30 PM – 6:00 AM	Retire to Rooms for the Night	Harford Hall	Residence Assistant

**Week 1****Thursday, July 20, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:00 AM – 4:00 PM	Field Trip to Smithsonian Air & Space Museum	Washington DC	Drs. Dabipi & Zhang
4:30 PM - 6:00 PM	Dinner	SSC***	Student Assistant
6:30 PM – 9:00 PM	Virtual Reality Laboratory & Development Training	EASC**	Dr. Zhang
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

**Week 1****Friday, July 21, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:30 AM – 10:30 AM	SAT Preparation - English Session	ATC* 1162	Ms. Carroll
10:30 AM - 11:30 AM	SAT Preparation - Mathematics Session	ATC* 1162	TBD
11:30 AM – 1:00 PM	Lunch	SSC***	Student Resident
1:30 PM – 4:00 PM	Virtual Reality Laboratory & Development Training	EASC**	Dr. Zhang
4:30 PM - 6:00 PM	Dinner	SSC***	Resident Assistant
6:30 PM – 9:00 PM	Beginners Guide to Aerodynamics	EASC**	Drs. Dabipi,& Dodoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

**SATURDAY, JULY 22, 2023 (8:00 – 4.00 PM)****BUILDING A BETTER LIFE – CONCRETE STEPS TO SUCCESS WORKSHOP**

**Week 2****Monday, July 24, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:30 AM – 10:30 AM	SAT Preparation - English Session	ATC** 1162	Ms. Carroll
10:30 AM - 11:30 AM	SAT Preparation - Mathematics Session	ATC** 1162	TBD
11:30 AM – 1:00 PM	Lunch	SSC***	Student Assistant
1:30 PM – 4:00 PM	The Basic Concepts of the Physics of Electricity and Magnetism	Hazel Hall, UMES	Dr. Das
4:30 PM - 6:00 PM	Dinner	SSC***	Resident Assistant
6:30 PM – 9:00 PM	Reflection on day's activities and briefing for next day's activities.	EASC**	Drs. Dabipi, Zhang & Dodoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

**Week 2****Tuesday, July 25, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC****	Resident Assistant
9:30 AM – 10:30 AM	SAT Preparation – English Session	EASC** Auditorium	Ms. Carroll
10:30 AM – 11:30 AM	Hands-on Robotics Activities	EASC** Auditorium	Dr. Mei
11:30 AM – 1:00 PM	Lunch	SSC****	Student Assistant
1:30 PM – 4:00 PM	Hands-on Robotics Activities	EASC**	Dr. Mei
4:30 PM - 6:00 PM	Dinner	SSC****	Student Assistant
6:30 PM – 9:00 PM	Reflection on day’s activities and briefing for next day’s activities.	EASC**	Drs. Mei, Zhang & Dadoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

**Week 2****Wednesday, July 26, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:30 AM – 10:30 AM	SAT Preparation - English	ATC 1162*	Brian Ash
10:30 AM - 11:30 AM	SAT Preparation - Mathematics	ATC 1162*	Resident Assistant
11:30 AM – 1:00 PM	Lunch	SSC***	Student Assistant
1:30 PM – 4:30 PM	The Basic Concepts of the Physics of Electricity and Magnetism	Hazel Hall, UMES	Dr. Das
4:30 PM – 6:00 PM	Dinner	SSC***	Student Assistant
6:30 PM – 9:00 PM	Reflection on day's activities and briefing for next day's activities/STEM Mentoring.	EASC**	Drs. Dabipi, Zhang & Dodoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant



**Week 2****Thursday, July 27, 2023**

	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:30 A.M. - 10:30 A.M.	SAT Preparation – English Session	ATC* 1162	Ms. Carroll
10:30 AM - 11:30 AM	STEM College Programs & STEM Careers	ATC* 1162	Dr. Dabipi
11:30 AM – 1:00 PM	Lunch	SSC***	Student Assistant
1:30 PM – 4:00 PM	Job & Career Counselling	EASC**	Dr. Queenan
4:30 PM - 6:00 PM	Dinner	SSC***	Resident Assistant
6:30 PM – 9:00 PM	Reflection on day’s activities and briefing for next day’s activities.	EASC**	Drs. Dabipi, Zhang & Dodoo
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Harford Hall	Resident Assistant

<b>Week 2</b>			
<b>Friday, July 28, 2023</b>			
	Activity	Location	Assigned To
6:00 AM – 7:30 AM	Wake-Up & Personal Grooming	Harford Hall	Resident Assistant
8:00 AM – 9:00 AM	Breakfast	SSC***	Resident Assistant
9:30 AM – 4:00 PM	Visit to NASA Goddard Space Flight Center	Greenbelt, MD	Brian Ash
4:30 PM – 5:30 PM	Dinner	SSC***	Resident Assistant
6:00 PM – 7:00 PM	Student Presentations	ATC* 1162	Ms. Carroll
7:30 PM - 8:30 PM	Closing Ceremony	ATC* 1162	TBD
9:00 PM –	<b>PARTIPANTS DEPART FOR HOME</b>		
<b>OR</b>			
9:30 PM- 6:00 AM	Retire to Rooms for the Night	Hartford Hall	Resident Assistants

\*ATC – Arts and Technologies Center

\*\* EASC - Engineering and Aviation Science Complex

\*\*\*SSC – Students Services Center

\*\*\*\*NASA WFF – NASA Wallops Flight Facility