2015 Summer Science Nation

Tuesday, July 14, 2015

The Scientific Enterprise

8:30-9:00 AM  Registration, Welcome by Dr. Rene Pico, Dr. David Gallaher, Mr. Bill Kowalis

9:00-9:30 AM  Dr. Gallaher discusses the Scientific Method

9:30-10:45am  Physics Lab –demonstration and activities, Mr. Bill Kowalis, Carlow professor

11:00 am -12:15 pm  Green Synthesis Lab- Mr. Michael Martucci, Carlow Professor

12:15- 12:45 pm  Take sleeping bags up to FWH and get room assignments

12:45-1:30 pm  Lunch in Tiernan Dining Hall

1:30-1:45 PM  Walk to AJP

1:45 – 2:20 PM  Stem Lab activity- Computational Modeling- Mr. Bill Kowalis

2:30- 4:00 pm  Ms.Kate McConnell- Exploring the paths to science careers

4:00-4:15pm  Walk back to FWH and Rooms

4:15- 5:30 PM  Free time until dinner

5:30-6:30 PM  Dinner in Tiernan Dining Hall

6:45- 8:00 pm  Fun STEM Activity- Make a speaker Lab- AJP- Dr. David Gallaher, Dr. Rene Pico and Mr. Bill Kowalis

8:00 – 9:00 pm  Activity with Resident Assistant

9:00-11:00 pm  Movies

11:00 pm  In your rooms for the night
Wednesday, July 15, 2015

Modern Science is Interdisciplinary- STEM

8:30-8:45 am  Continental Breakfast – AJP Atrium
8:45-9:00 am  Shuttle to McGowan Institute of Regenerative Medicine
9:15-11:15 am  McGowan tour, speak to female researchers
11:15-11:45 am  Shuttle back to Carlow
11:45-12:30 pm  Scuilli’s Pizza- 3rd floor of AJP
12:45-1:00 pm  Walk to Biomedical Science Tower 3- University of Pittsburgh
1:00-3:30 pm  BST3 Tour and Scientists
4:00pm  Mini Wrap up- AJP
4:15-5:30 pm  Walk up to the dorms and free time until dinner
5:45-6:45 p.m.  Dinner in Tiernan- Stephanie Demalon, Associate Director of Admissions
Will speak about college admissions
7:00-7:30 p.m.  Science Activity - Dr. Rene Pico, Carlow professor, and “Hunting
Green”/Amazing “Green” Race Scavenger
7:30-9:30 pm  Researching careers in Science and “Green careers”- or Scientific Movie
9:30-11:00 pm  Fun time with the RA’s
11:00 p.m.  In your room for the night
Thursday, July 16, 2015

Solving Modern Problems with Science

8:30-8:45 am  Continental Breakfast – AJP Atrium- check- out of rooms and bring down sleeping bags

8:45-10:00 am  "The Color of Grape Kool-Aid - Analytical Chemistry and Chromatography workshop and demonstrations" with Dr. Dave Gallaher, Carlow professor

10:10-10:30 am  Travel to Energy Innovation Center

10:30-12:30pm  Tour the energy Innovation Center

12:30-12:45 pm  Travel back to Carlow

1:00 – 2:30 PM  Lunch and speakers- LaVerne Baker Hotep , Director of Community Outreach and Chelsea Holmes from Women for a Healthy Environment

2:30-3:45 pm  Discussing Science Careers

3:45-4:00 PM  Wrap Up, Evaluations and Certificates

4:00 PM  Dismissal