STEM Camp: An Environmental Mystery

June 22 to 26, 2015

Directors:
Dr. Marcie Baer-Lehman and Dr. Sherri Bergsten

Boys and Girls, Ages 12 to 15

Register NOW by calling (717) 477-1256 or visit our website at www.ship.edu/camps or e-mail your request to sucamps@ship.edu.

Shippensburg University
2015 Summer Camps

<table>
<thead>
<tr>
<th>Camp</th>
<th>Boys &amp; Girls Ages 10-15</th>
<th>June 22 - 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEM: An Environmental Mystery</td>
<td>Boys &amp; Girls Ages 12 - 15</td>
<td>June 22 - 26</td>
</tr>
<tr>
<td>Girls Basketball Camp</td>
<td>Girls Ages 10 - 15</td>
<td>June 28 - July 1</td>
</tr>
<tr>
<td>Chemistry Camp I &amp; II</td>
<td>Boys &amp; Girls Ages 8 - 10</td>
<td>July 6 - 10</td>
</tr>
<tr>
<td>Girls Volleyball Camp I</td>
<td>Girls Ages 12 - 18</td>
<td>July 12 - 15</td>
</tr>
<tr>
<td>Girls Softball Camp II</td>
<td>Girls Ages 10 - 17</td>
<td>July 12 - 16</td>
</tr>
<tr>
<td>Sprints &amp; Hurdles Camp</td>
<td>Boys &amp; Girls Grades 9 - 12</td>
<td>July 19 - 22</td>
</tr>
<tr>
<td>Cross Country Camp</td>
<td>Boys &amp; Girls Grades 9 - 12</td>
<td>July 19 - 23</td>
</tr>
<tr>
<td>Lacrosse Camp</td>
<td>Girls Grades 6 - 12</td>
<td>July 20 - 23</td>
</tr>
<tr>
<td>Jumps Camp</td>
<td>Boys &amp; Girls Grades 9 - 12</td>
<td>July 26 - 29</td>
</tr>
<tr>
<td>Throws Camp</td>
<td>Boys &amp; Girls Grades 9 - 12</td>
<td>July 26 - 29</td>
</tr>
<tr>
<td>Tennis Day Camp</td>
<td>Boys &amp; Girls Grades 3 - 8</td>
<td>July 27 - 30</td>
</tr>
<tr>
<td>Tennis Camp</td>
<td>Boys &amp; Girls Grades 9 - 12</td>
<td>July 27 - 30</td>
</tr>
<tr>
<td>Girls Volleyball Camp II</td>
<td>Girls Ages 12 - 18</td>
<td>July 26 - 29</td>
</tr>
<tr>
<td>Field Hockey Camp</td>
<td>Girls Grades 9 - 12</td>
<td>July 26 - 30</td>
</tr>
</tbody>
</table>

http://www.ship.edu/Visit/Directions/

Shippensburg University is an equal opportunity educational institution. Direct requests for disability accommodations and other inquiries to the Office of Disability Services, Horton Hall 120, Shippensburg University, 1871 Old Main Drive, Shippensburg, PA 17257-2299, (717) 477-1329, ods@ship.edu.
Registration Application
2015 SU STEM Camp:
An Environmental Mystery

For your convenience, the Conference Office offers on-line registration, payment, and printable brochures. Check out our website at www.ship.edu/camps.

Name ____________________________
Address ________________________________________________________________
City _______________________________ Zip Code __________________
Phone number (______)__________________________________
E-mail ______________________________________________________

Age ____________________________  Male  Female
Grade in fall of 2015 ______________________________________________________
Parent’s name _______________________________________________________
Daytime phone number (______)__________________________________
School attending ______________________________________________________

T-shirt size: (Youth)  Large  Medium  Small  Extra Large
(Men’s)  Medium  Large  Extra Large

Fees:  Commuter plan (lunches included)  $210

Payment Plan:
☐ Check or money order enclosed (Please make check payable to “Shippensburg University”)
☐ Credit card payments and e-checks will be accepted on-line at www.ship.edu/camps as part of the registration process. If paying by credit card or e-check, full payment is required at the time of registration.

General camp information

Register early: Space is limited to facilitate individual attention.
A certificate of health must be presented by each participant at the camp’s registration. A standard form will be sent upon acceptance. This form does not require a physician’s examination or signature.

Health Services: The Eber Health Center is staffed and equipped to take care of minor illnesses and injuries that may arise during your stay on campus. For some emergencies, the staff may send you directly to a local hospital.

Disability Services: Requests for accommodations, auxiliary aids, or services must be made in writing to the Office of Disability Services at least fifteen (15) days before the camp begins. The Office of Disability Services is located in Horton Hall 120, Shippensburg University, 1871 Old Main Drive, Shippensburg, PA 17257-2299, (717) 477-1329, ods@ship.edu.

Recreational facilities include: indoor swimming, indoor and outdoor basketball courts (if available), outdoor volleyball courts, tennis courts, and handball courts.

Things to bring to camp:
• Sneakers (closed-toed, rubber soles). No open-toed shoes allowed in the lab.
• Appropriate clothing for laboratory work:
  * No bare midriff or sleeveless shirts.
  * Long hair must be tied back.
  * No hats may be worn in the laboratory.
• Sunscreen
• Swimsuit and towel
• Cell phones and electronic devices may be brought to camp but may not be used during lab activities.

Introduction

The SU STEM Camp will emphasize scientific observation and exploration by using a multidisciplinary approach in a variety of STEM disciplines with the focus on exploring environmental science. Hands-on experiences will introduce students to available technology and train them to properly and safely use scientific equipment.

Qualifications

Participants need no prior experience to be an excellent candidate for this camp. Participants should have a strong interest and ability in science, technology, engineering, or math. To attend, the student should be ages 12-15. The camp is designed to encourage blossoming scientists and provide an opportunity to improve their knowledge of STEM disciplines through hands-on experience. You must be able to provide your own transportation to and from the Franklin Science Center at Shippensburg University.

Content

The camp will utilize a multidisciplinary approach to provide hands-on experience with techniques used to study environmental impacts and biodiversity. Each STEM discipline will contribute to analysis of an environmental disaster. Students will be grouped into small teams that will be mentored by university college students. Each team will work to identify the causes and impacts of the environmental disaster. These activities will be a mix of both indoor and outdoor explorations. A typical day will include 2 or 3 activities focused on a particular discipline, so that campers are exposed to an exciting variety of topics and applications.

University

Shippensburg University is a co-educational multipurpose university in southcentral Pennsylvania. It is located 45 miles west of Harrisburg and 30 miles north of Gettysburg. Founded in 1871, Shippensburg University is a member of the Pennsylvania State System of Higher Education. It is a comprehensive, regional university offering both graduate and undergraduate programs in three colleges: Arts and Sciences, Business, and Education and Human Services.