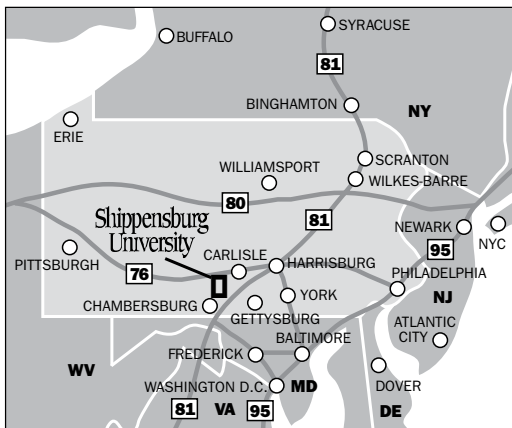


Content

Camp highlights will include guest experts from the Cumberland County Forensics Lab who will demonstrate forensic techniques and use of equipment in investigating a crime. Participants will be instructed on how to approach and document a crime scene, as well as how to handle and process evidence collected from the crime scene. **The camp will involve students in hands-on experience with techniques used in crime scene investigation. Activities include collection and analysis of trace evidence (hair, fibers, bullets and casings) and latent fingerprints as well as castings of impressions (footprints) from a crime scene. In addition, students will learn about techniques used in forensic entomology, chemistry, toxicology, serology and DNA fingerprinting.** Forensics techniques will include using mathematical and statistical models to recreate a crime scene, fingerprinting analysis, blood typing, chemical analysis of materials and substances, identifying and tracking the path of evidence, DNA analysis as well as other techniques commonly used in forensic laboratories. On the final day of the camp participants will be asked to present their results using a PowerPoint® format.

University

Shippensburg University is a co-educational multi-purpose University in south central 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.



<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.

REGISTER NOW!

Shippensburg University 2011 Summer Camps

Swimming Camp	Boys & Girls Ages 8 - 17	June 12 - 16
Baseball Day Camp I	Boys Ages 6 - 12	June 13 - 16
Father/Son Basketball Camp	Boys Ages 6 - 15	June 18 - 19
Boys Football Camp	Boys Grades 6 - 12	June 19 - 22
Girls Lacrosse Camp	Girls Grades 5 - 12	June 19 - 22
Girls Basketball Camp	Girls Ages 9 - 15	June 19 - 23
Tennis Camp I	Boys & Girls Grades 8 - 12	June 19 - 23
Girls Softball Camp I	Girls Ages 10 - 18	June 19 - 23
Middle School Field Hockey Camp	Girls Grades 6 - 8	June 26 - 29
CSI Camp	Boys & Girls Ages 13 - 17	June 26 - July 1
Chemistry Camp I & II	Boys & Girls Ages 8 - 10	June 27 - July 1
Girls Softball Camp II	Girls Ages 10 - 18	July 10 - 14
Girls Volleyball Camp I	Girls Grades 6 - 12	July 10 - 13
Baseball Day Camp II	Boys Ages 6 - 12	July 11 - 14
Speed & Hurdles Camp	Boys & Girls Grades 9 - 12	July 17 - 20
Boys Basketball Camp	Boys Ages 9 - 17	July 17 - 21
Cross Country Camp	Boys & Girls Grades 9 - 12	July 17 - 21
Tennis Camp II	Boys & Girls Grades 8 - 12	July 17 - 21
Jumps Camp	Boys & Girls Grades 9 - 12	July 24 - 27
Girls Volleyball Camp II	Girls Grades 6 - 12	July 24 - 27
Girls Field Hockey Camp	Girls Grades 9 - 12	July 24 - 28
Tennis Camp III	Boys & Girls Grades 8 - 12	July 24 - 28
Throws Camp	Boys & Girls Grades 9 - 12	July 31 - Aug. 3

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.

CSI Camp



June 26 to July 1, 2011

Boys and Girls
Ages 13 to 17

Directors: Alyssa Bumbaugh and Marcie Baer-Lehman



WWW.SHIP.EDU/CAMPS

SHIPPENSBURG
UNIVERSITY

Registration Application 2011 SU CSI Camp

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 _____

State _____ Zip Code _____

Phone number (_____) _____

Age _____ Male Female

Grade in fall of 2011 _____

Parent's name _____

Daytime phone number (_____) _____

School attending _____

Roommate preference _____

(Only 2 campers per room)

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

Fees: Resident plan (all meals included) \$385
 Commuter plan (lunches, dinners) \$305

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.

Camp arrival

4:00 - 5:00 PM Sunday, June 26, 2011

Daily schedule

7:30 AM	Breakfast, dining hall
8:30 AM	Morning session
11:30 AM	Lunch, dining hall
1:00 - 4:00 PM	Afternoon session
5:00 PM	Dinner, dining hall
6:15 - 9:45 PM	Evening event
10:20 PM	Bed check
10:30 PM	Lights out



Application information

Applications will be accepted up to one week prior to the start of camp. Applications submitted after that day **will not be accepted**. If paying with a credit card, full payment is required. If paying by check or money order, you have the option of paying the entire amount or submitting at least a \$75 deposit with the balance due one week prior to start of camp. An administrative fee of \$75 will be deducted from **all** refunds. No refunds will be given after on-campus check-in. The Conference Office reserves the right to cancel any camp which has insufficient enrollment up to two weeks before the opening of camp. A full refund will be given if the camp is cancelled.

Send your application and payment to:

Conference Services
Shippensburg University
1871 Old Main Drive
Shippensburg, PA 17257-2299
Phone: (717) 477-1256

General camp information

1. **Register early:** Space is limited to facilitate individual attention.
2. **Housing:** All participants will be housed in modern residence halls and will be supervised by counselors. Only two participants will be assigned to a room. Two sheets, one pillowcase and a pillow are provided. No towels, washcloths or blankets are provided. Bring these items with you. Coin operated washers and dryers are available in the residence hall.
3. **Key policy:** Campers who do not turn in their room key at camp dismissal will be subject to a lock change fee (ranging from \$40-\$60). For security reasons, lock changes must be made immediately before the next group arrives. Lock changes for lost keys will be billed to the camper. There will be no exceptions.
4. 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.**
5. **Health Services:** The Etter Health Center is staffed and equipped to take care of minor illnesses and injuries that may arise during your stay on campus. Our physician is in attendance Monday through Friday from 1:30 to 2:30 PM. A registered nurse is on duty or on call 24 hours daily and may at her discretion call the physician for consultation at any hour. For some emergencies, the staff may send you directly to a local hospital.
6. **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.
7. **Recreational facilities include:** indoor swimming, indoor and outdoor basketball courts (if available), outdoor volleyball courts, tennis courts and handball courts.
8. **Absolutely no visitation** by family members during the week unless permission is granted by the camp director. Experience has shown that the campers are more receptive to instruction and less stressful when outside adults are not present. Young campers (ages 10-11) should try to attend with a friend. This helps with homesickness and makes the camp experience more enjoyable for the camper.

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.
- Bathing suit (*resident campers only*)
- Window fan (*resident campers only*)
- Walkman, CD players, or MP 3 players can be brought, but can only be used in the dorm or on the buses; **YOU MAY NOT BRING THEM TO CLASS WITH YOU OR THEY WILL BE CONFISCATED; YOU ARE RESPONSIBLE FOR THESE ITEMS** (*resident campers only*)



Introduction

The SU CSI camp is designed to place students in an environment that recreates forensic practices of professional criminal investigators as realistically as possible. Students will be grouped into small teams that will be mentored by university college students. Each team will participate in a staged criminal investigation of a simulated crime scene. Students will also be instructed on how to use state-of-the-art equipment and will actively use this equipment to process evidence from crime scenes. Participants will have the option to stay overnight or commute to the camp each day.

About the directors

Dr. Alyssa Bumbaugh is an Assistant Professor in the Department of Biology at Shippensburg University. She is a trained microbial geneticist with over 10 years of research experience in the study and surveillance of foodborne bacterial pathogens. Dr. Bumbaugh served as an Oak Ridge Institute for Science Education (ORISE) Postdoctoral Fellow at the Centers for Disease Control and Prevention in Atlanta, Georgia. She has also participated in conferences and invited workshops sponsored by the Education Board of the American Society for Microbiology.

Dr. Marcie Baer-Lehman is an Associate Professor in the Department of Biology at Shippensburg University. She is a trained bacteriologist with over 14 years of research experience in microbial isolation, identification and pathogenesis. Dr. Baer-Lehman served as a Postdoctoral Research Scientist at the University of Alabama, Tuscaloosa, Alabama. She has also participated in conferences and presentations sponsored by the American Society of Microbiology.

Qualifications

Participants need no prior experience in forensic science to be an excellent candidate for this camp. Participants should have a strong interest and ability in science. To attend, the student should be entering ages 13 through 17. Graduating seniors are also invited to attend. This camp will encourage young scientists to gain new skills in the application of science. The camp is designed to encourage blossoming scientists and provide an opportunity to improve their knowledge of science and forensics through hands-on experience.