

**Professional Field Experience in Health Science  
Projects  
@  
Lock Haven University of Pennsylvania**

Anderson, Naomi - Health Science/concentration in Pre-Physician Assistant.  
Site: Chest Medicine Association  
Seneca, PA

The project included writing a research paper on Diabetes Mellitus which included the types: causes, treatments, and medications used in treating Diabetes.

Bedford, John- Health Science/concentration in Pre-Physician Assistant.  
Site: Central Mountain Physical Therapy, Lock Haven, PA

His project compared two exercise software programs that the clinic where he did his field experience was interested in purchasing. During the project he examined various aspects of the programs including price, usefulness of exercises, number of exercises, and how easy they were to complete. He then presented the findings of his research to the staff at the clinic, which guided them in their decision process.

Bowman, Lindsey- Health Science/concentration in Pre-Physician Assistant.  
Site: Penn State Milton S. Hershey Medical Center, Hershey, PA

The project was to do a case study regarding the Maze III procedure which is used to stop and prevent atrial fibrillation.

Bump, John- Health Science major/concentration in Pre-Physician Assistant.  
Site: Lock Haven Hospital Emergency Room, Lock Haven, PA

The project included developing a brochure to be distributed to patients concerning the signs and symptoms of a myocardial infarction depending on if you are a male or female.

Felmlee, Duffy- Health Science major/concentration in Pre-Physical Therapy.  
Site: Lock Haven Hospital Recreation Therapy, Lock Haven, PA

The project involved distribution of Christmas presents to residents of the Lock Haven Hospital Extended Care Unit. This included wrapping over 100 gifts with the help of some of the residents and then distributing the presents on Christmas day.

Gabrielle, Elizabeth- Health Science major/concentration in Pre-Physician Assistant.

Site: University Orthopedics, State College, PA

Her project included making a pamphlet discussing ACL injuries and rehabilitation. The pamphlet included such items as background information on

the ACL, how it is injured, and ways to prevent injury, reconstructive surgery, and rehabilitation.

Hake, Amy- Health Science major with a concentration in Pre-Physician Assistant.

Site: Pediatric and Adolescent Medicine  
Lock Haven Hospital  
Lock Haven, PA

The project included doing a review of the influenza virus including the current treatment plans described by the CDC. Her review included past practices, current treatments, and treatment protocols for physicians to follow.

Hass, Jon-Erik- Health Science major with a concentration in Pre-Physical Therapy.

Site: Health South, Mechanicsburg, PA

The project included doing a case study on the rehabilitation of a patient with multidirectional instability of the right shoulder. His case study included background information on the patient, the surgical procedure itself, as well as the entire rehabilitation program complete with summary.

Howard, Cindi- Health Science major/concentration in Pre-Physician Assistant.

Site: PJC Healthcare Inc., Tamarac, FL

The project included developing three separate brochures highlighting one of three health topics. These included diabetes, cholesterol, and information on flu vaccinations. The brochures were developed to hand out to patients in the iMed Urgent Care facility.

Jones, Anthony- Health Science major/concentration in Pre-Physician Assistant.

Site: Lock Haven Hospital Emergency Room, Lock Haven, PA

The project involved creating a brochure emphasizing the importance of proper oral hygiene to be distributed to patients at the Lock Haven Hospital. The project also included doing a research paper on oral hygiene and how it effect overall personal health.

Kotwica, Laura- Health Science major/concentration in Pre-Physical Therapy.

Site: Tiadaghton Physical Therapy, Lock Haven, PA

Her project included doing a research report on Bicipital Tendonitis. The report included an in-depth analysis of the symptoms, diagnosis, causes, and treatment options.

Kremer, Kathryn- Health Science/concentration in Community Health.

Site: Lock Haven University Wellness Center, Lock Haven, PA

The project involved helping to develop and present a workshop regarding drugs and alcohol to the all Lock Haven University RA's. It also included doing an alcohol survey for the 2006-07 academic years, as well as doing an end of year report which would go over all the activities of the Wellness Center and student

director which would include programs, important contact numbers, and other important information.

Mowry, Kevin- Health Science major/concentration in Pre-Physical Therapy.  
Site: Tiadaghton Physical Therapy, Lock Haven, PA  
His project involved designing and building a finger apprehension task for patients at the Tiadaghton PT facility to use. The aim of the device is to challenge pinch grasp and improve hand coordination.

Penland, Jennifer- Health Science major/concentration in Pre-Physician Assistant.  
Site: Penns Valley Medical Center, Mills Spring, PA  
Her project included creating a mailer to be sent out to eligible patients concerning the new Gardasil vaccination for the HPV virus. She also created a brochure that would be available in the doctor's office for patients with information concerning the vaccine.

Staub, Emily- Health Science major/concentration in Pre-Physician Assistant.  
Site: Hanover Family Practice, Hanover, PA  
The project included developing a patient care handout in order to educate patients on a low sodium and low fat diet. This brochure will now be available to patients so they can achieve a better understanding of the implications of this diet in keeping their heart healthy.

Robson, Christopher- Health Science major/concentration in Pre-Physical Therapy.  
Site: Drayer Physical Therapy Institute  
The project included doing a case study on a patient who had just received a total knee replacement. The case study included general information on the topic as well as a typical rehabilitation time frame and any factors that may speed up the recovery period. She also designed a rehabilitation protocol and monitored the patients' progress alongside a licensed physical therapist.

Rosengrant, Jakob- Health Science major/concentration in Pre-Professional.  
Site: Bridgeport Juvenile Detention Center, Bridgeport, CT  
The project included working alongside a community educator from Planned Parenthood for an informational session on Sexually Transmitted Infections. He also developed a Jeopardy-style game which involved using the material discussed during the information session.

Sando, Steven- Health Science major/concentration in Pre-Physician Assistant.  
Site: University Orthopedics, State College, PA  
The project included developing a brochure to be handed out to patients which discussed various types of insulin as well as the delivery methods and why a patient may need to take insulin in the first place.

Seitz, Benjamin- Health Science major/concentration in Pre-Physical Therapy.  
Site: Vantage Physical Therapy and Rehabilitation, Seward, PA  
His project included doing a research paper concerning rehabilitation protocols for the ACL, as well as summarizing information from a variety of reliable sources.

Seitz, Zach- Health Science major with a concentration in Pre-Physician Assistant.  
Site: Conemaugh Valley Memorial Hospital, Johnstown, PA  
The project included writing a research paper on the subject of stroke. It included general information on the topic as well as types, symptoms, treatment, and prevention of future strokes.

Shanta, Michelle- Health Science major/concentration in Pre-Physical Therapy.  
Site: Central Mountain Physical Therapy & Lock Haven Hospital, Lock Haven, PA  
The project included completing a case study on a patient who had a total knee replacement. The case study included information regarding her condition prior to surgery, the surgery itself, and what occurred during recovery. She also did a presentation on total knee replacement explaining the actual procedure, who should get one and why, and the rehabilitation procedures to follow after surgery.

Shoup, Garrett- Health Science major/concentration in Pre-Professional.  
Site: Lock Haven Hospital, Lock Haven, PA  
The project included researching Patient Controlled Analgesia and constructing a pamphlet to be used by the hospital to be given to patients who may be using PCA.

Sustak, Rebecca- Health Science major/concentration in Pre-Physician Assistant.  
Site: Coordinated Health, Easton, PA  
The project included making discharge instructions for patients who are seen with injuries. Among these are instructions for wounds, contusions, sprains, strains, head injuries, and eye injuries.

Tapper, Alyssa- Health Science major/concentration in Pre-Physical Therapy.  
Site: Lock Haven Hospital, Lock Haven, PA  
The project included doing a research project on Guillan Barre Syndrome. After completing the paper she presented her research to the physical therapy staff at Lock Haven Hospital.

Wray, Jenna- Health Science major/concentration in Pre-Physician Assistant.  
Site: Geisinger, Lock Haven, PA  
The first project was completed by creating a pamphlet on Impaired Glucose Tolerance to be handed out to patients who could then easily view further information on the topic in an easy to read format. The second project she

completed was a research paper on the bacteria *Helicobacter pylori* and how it relates to the human body and its clinical manifestations.