

Discover Scuba

Thursday, February 23, 2012 (Southern Tier)

Seminar Time: 10:30 AM – 1:30 PM

Location: Lititz Rec Center

Presenter: Lancaster Scuba Center

Description: Are you ready for a new challenge? Suit-up for a day of instructional fun in the water! Find out how much scuba gear really weighs, how much training you need to be certified, and special techniques for gliding through the water like a fish! The Lititz Rec Center has a locker room you can use to change and shower because you will be getting in the water.

Great Moments in Rock & Roll Through the Decades and Introduction to Financial Literacy (NEW)

Monday, March 5, 2012

Seminar Time: 9:00 AM – 2:00 PM

Location: The Conference & Training Center at IU 13

Presenter: Rock and Roll Hall of Fame (Live Videoconferences)

Description: Join us for two award-winning videoconferences from the Rock and Roll Hall of Fame in Cleveland, Ohio. This seminar will allow students to look at history and financial literacy in new and relevant ways.

Great Moments in Rock and Roll History: Popular Music through the Decades: Take a journey through the second half of the twentieth century by exploring some of the great moments in rock and roll history. Students will actively participate in discussions about shifting cultural values, conceptions of equality, and political activism. Students will enjoy Jimi Hendrix at the 1969 Woodstock music and arts festival, the Ramones concert in London on July 4, 1976, and the fusion of rock and hip-hop in the 1986 video "Walk This Way." As a result of this videoconference, students will be able to:

- Analyze basic characteristics in the lyrics, instrumentation, and formal aspects of various styles of popular music,
- Give examples of how rock and roll music reflects and/or shapes important historical changes that impacted all Americans in each decade from the 1950s to the 1980s,
- Explain how music and musicians both influence and are influenced by society and culture.

Introduction to Financial Literacy: Students know exactly what music is on their iPods, but they rarely understand that the artistry and glitter of superstardom depends upon a complex business network that must remain financially stable. This class will take students behind the scenes with a real-world simulation that puts them in the shoes of a rock band's tour manager. In the class activity, students will apply mathematical and financial concepts to help manage a fictional band through a cross-country tour. This will involve weighing some serious financial concerns about profit and loss: What expenses might they have to budget for? Where will the money come from? How will they respond as managers when ticket sales are lower than expected? Any number of scenarios might affect the tour budget and thus their company's bottom line. As a result of this lesson, students will be able to:

- Identify and describe the major components of the modern music industry, as well as, their connections with one another,
- Describe the benefits of fiscal responsibility and recognize the accountability of financial planning in "real-life" applications,
- Apply mathematical modeling to business and consumer situations.

Bugs in Three Dimensions (NEW)

Thursday, March 29, 2012

Seminar Time: 9:30 AM – 2:00 PM

Location: Franklin & Marshall College

Presenters: Jim Ringlein and Kerry Sherin Wright with Students from F&M's Philadelphia Alumni Writers House

Description: Truly learning about a topic involves engaging yourself with it in a multidisciplinary way. On March 29, 2012 SEE seminar students will be given this opportunity through a day-long exploration of one of the most diverse and intriguing residents of our planet: the insect. We'll begin with a visit to the North Museum Science and Engineering Fairs Public Day in order to see how student scientists approach these creatures in experimental studies. Then we'll progress to the North Museum to view ***Bugs: Out of the Box*** and ***Wicked Bugs***, two premier travelling exhibits that show us bugs through the eyes of some professional artists and writers. Finally, with the assistance of college students from the F&M Philadelphia Alumni Writers House, our participating students will try their hand at creative writing, drawing inspiration from the day's activities and their new six-legged friends.

Discover Scuba

Tuesday, April 3, 2012 (Northern Tier)

Seminar Time: 10:30 AM – 1:30 PM

Location: Lititz Rec Center

Presenter: Lancaster Scuba Center

Description: Are you ready for a new challenge? Suit-up for a day of instructional fun in the water! Find out how much scuba gear really weighs, how much training you need to be certified, and special techniques for gliding through the water like a fish! The Lititz Rec Center has a locker room you can use to change and shower because you will be getting in the water.

COSI Electronic Education: Total Knee Replacement (Live Videoconference)

Wednesday, April 11, 2012

Seminar Time: 9:45 AM – 12:45 PM

Location: The Conference & Training Center at IU 13

Presenter: Center of Science and Industry (COSI)

Description: Students attending this workshop will see a live knee replacement surgery from start to finish via videoconference! Those participating will have a truly memorable and powerful learning experience by being able to ask questions and interact with surgeons and medical personnel in the operating room, while watching a live, ninety-minute operation. There will be an information guide to be handed that details the actual surgical procedure and possible associated careers. Don't miss it! **NOTE:** Due to the nature of this seminar, it is not for the weak of stomach!

Joanna Furnace: Stepping Back to the 19th Century - What Would You Do If...? (NEW)

Monday, April 30, 2012 (Southern Tier)

Seminar Time: 10:00 AM – 2:00 PM

Location: Joanna Furnace, Geigertown, PA

Presenters: Ron Schlegel and Historical Re-enactors from Hay Creek Historical Society

Description: During its operating life, Joanna Furnace was a major heavy industry. To most of the people in the surrounding area, iron making was a complex, almost magical, process. To the workers and their families, the making of iron was a unique life experience.

Students involved in this program will become active participants within an historic industry and community, while experiencing day-to-day 19th century family life. This program promotes a high level of student involvement. The students, in groups, explore 19th century iron community issues and concerns. Each group is presented a unique situation to begin their quest for answers. This quest will ultimately teach students the main characteristics of the jobs and lives of people who lived and worked at Joanna Furnace in the 19th century. It will also highlight the iron making process. In the scope of the students' fact-finding experience, they will find answers to many interesting questions. During the question-driven exploration, each group will meet various interpreters of 19th century Furnace workers and community members who will be able to supply all the parts of the puzzle. After meeting the 19th century Furnace interpreters, students will work in groups in the classroom, organizing their information in order to report their findings to the other the SEE participants. Students will be responsible for much of their learning as they explore, ask questions, compile answers, and share information with everyone. Come join us for an exciting, on-site learning experience!

Joanna Furnace: Stepping Back to the 19th Century - What Would You Do If...? (NEW)

Monday, May 7, 2012 (Northern Tier)

Seminar Time: 10:00 AM – 2:00 PM

Joanna Furnace, Geigertown, PA

Presenters: Ron Schlegel and Historical Re-enactors from Hay Creek Historical Society

Description: During its operating life, Joanna Furnace was a major heavy industry. To most of the people in the surrounding area, iron making was a complex, almost magical, process. To the workers and their families, the making of iron was a unique life experience.

Students involved in this program will become active participants within an historic industry and community, while experiencing day-to-day 19th century family life. This program promotes a high level of student involvement. The students, in groups, explore 19th century iron community issues and concerns. Each group is presented a unique situation to begin their quest for answers. This quest will ultimately teach students the main characteristics of the jobs and lives of people who lived and worked at Joanna Furnace in the 19th century. It will also highlight the iron making process. In the scope of the students' fact-finding experience, they will find answers to many interesting questions. During the question-driven exploration, each group will meet various interpreters of 19th century Furnace workers and community members who will be able to supply all the parts of the puzzle. After meeting the 19th century Furnace interpreters, students will work in groups in the classroom, organizing their information in order to report their findings to the other the SEE participants. Students will be responsible for much of their learning as they explore, ask questions, compile answers, and share information with everyone. Come join us for an exciting, on-site learning experience!

Rock Ford – Historical Trial & Plantation Tour (NEW)

Wednesday, May 16, 2012

Seminar Time: 9:30 AM – 1:30 PM

Location: Historic Rock Ford Plantation

Presenter: Cindy Trussell

Description: In September of 1780, British Major John Andre found himself in the wrong place at the wrong time. Major Andre's trial for espionage revealed the treacherous plot between British General Henry Clinton and American General Benedict Arnold. The plot involved the surrender of the American fort at West Point to the British. Major Andre served as the messenger between Clinton and Arnold. Luckily, for the future of the United States, Andre was captured and the conspiracy was ruined. However, excitement and intrigue seemed to plague Major Andre and his trial lacked neither excitement nor intrigue. General Washington created a board of senior military officers to determine Major Andre's fate. After acting out the trial of Major Andre, you will get a chance to be the board and decide upon the outcome. Was Major Andre guilty of conspiring to deliver West Point to the British and destroy America's chances to win the Revolutionary War? Good luck to the brave soul who dares to play Major Andre and to all who dare to bring the characters and the evidence life!

***Please note that transportation times are not included**