

Tuesday, September 11, 2018 Science Center

**9:00 AM Terrorism: Domestic versus International Leading up to 9/11
Kirby Scott, Retired FBI Special Agent**

This lecture will discuss notable events of terrorism leading up to 9/11. It will focus on separating and defining domestic versus international acts of terrorism, with insight and perspective from the 30-year career of a special agent.

**10:30 AM McNeill's Rangers in the Gettysburg Campaign
Steven French, Retired History Teacher and Author**

During the Gettysburg Campaign, Rebel guerrillas and partisans roamed far and wide attacking military targets and gathering plunder. One of these bands, McNeill's Rangers, fought at the Second Battle of Winchester, occupied Hancock, destroyed Baltimore & Ohio property, raided the farms and stores of southern Fulton county, occupied Mercersburg, fought at the July 6 Battle of Williamsport and later skirmished with Federal cavalry around Clear Spring. This talk will give an overview of the role of these so-called "land pirates" in the campaign, with an emphasis on the Ranger activities in Fulton and Franklin counties.

Wednesday, September 12, 2018 Thomson Hall

**9:00 AM The Journey of English in America
Dr. Michael Cornelius, Professor & Chair, English Department, Wilson College**

Why do people in parts of Boston say "pahk yer cah?" Why do people in the South say "y'all?" And why does anyone in Pittsburgh say - well, all the stuff people in Pittsburgh say? This presentation will take you from the first English settlements to the vast landmass of modern America, from the serviceable English of the King James Bible to "gag me with a spoon" and all points in between, to understand how and why American English has become the most dominant language expression in the history of the spoken word.

**10:30 AM The Life and Work of Gaudi: Genius or Madman?
Susan Lyons, Retired Public School Teacher**

When Spanish architect Antoni Gaudi graduated from Barcelona Architecture School in 1878, the school's director reportedly declared: "Gentlemen, we are here today in the presence of a genius or a madman!" [translated from Spanish to English] Although he is widely regarded as a genius architect, his distinctive style is simultaneously awe-inspiring and bizarre. With this presentation, you can draw your own conclusions about Gaudi and his architecture, including the still unfinished cathedral, Barcelona's famous *Sagrada Familia*.

Thursday, September 13, 2018 Science Center

**9:00 AM Physics of the Human Body
Dr. John Luetzelschwab, Professor Emeritus of Physics, Dickinson College**

Have you ever wondered what a blood pressure reading of 120 over 80 means; what numbers on an eyeglass prescription mean; why the body is prone to backaches; or, why you get dizzy after spinning around? These, and many other facts about the human body will be answered in this presentation. Topics include concussions, muscle forces, most efficient speed for walking, generation of the human voice, the operation of the ear and its roll in balance, blood pressure and flow, and, the operation, problems and corrections of the eye.

**10:30 AM Hunting Killer Asteroids
Dr. Larry Marschall, Professor Emeritus of Physics, Gettysburg College**

In the past 25 years, astronomers have discovered almost a million previously unknown minor planets circling our sun. Most of them orbit far out in the solar system, but a small percentage cross the orbit of the earth and pose a real and present danger to life on this planet. One of them struck near the Russian city of Chelyabinsk in 2013, causing almost 1,500 injuries, mostly from shattering glass. This talk will describe why there is such a great interest in these asteroids, how we detect the dangerous asteroids, and what we can do to stop them from hitting earth.

Tuesday, September 18, 2018 Science Center

**9:00 AM The Walk Unabowed Project: Slavery in Franklin County
Justin McHenry, Archives Director, Franklin County**

This lecture will discuss slavery in Franklin County and the many different forms that it took. It will examine the Walk Unabowed Project, which hopes to document the names of as many slaves from Franklin County as possible.

**10:30 AM Wilson College and the Rescue of Science and Learning
Amy Ensley, Director, Hankey Center, Wilson College**

This lecture will tell the story of foreign refugee scholars who escaped Nazi Germany and found teaching positions in U.S. colleges and universities. Wilson College provided temporary positions to seven of these scholars, including a Nobel-prize winning physicist.

Wednesday, September 19, 2018 Thomson Hall

9:00 AM Exercise for Seniors Dr. Joe Jacobs, Doctor of Sport & Exercise Psychology

This session will present and review an outline of 50 ideas for 'Fit after Fifty.' There is some truth to the adage "use it or lose it" and Dr. Jacobs will demonstrate many of the simple and straightforward exercises and activities to keep our mobility, balance, coordination, flexibility, and range of motion.

10:30 AM Southern Oasis at Gettysburg Bob O'Connor, Civil War Historian & Author

This presentation will discuss the novel Southern Oasis at Gettysburg which is an accurate, historical, fictional account of the northernmost Confederate hospital located at the Daniel Lady farm. Major General Joseph Johnson's division of the Army of Northern Virginia had more than 1,800 casualties at Culp's Hill. Those casualties who were officers were cared for at the farmhouse, while the enlisted were treated at the barn, which was the closest hospital to that battle.

Thursday, September 20, 2018 Science Center

**9:00 to 10:00 AM Al Qaeda & ISIL: Overview and Update
John Ricca, Weapons of Mass Destruction & Counter-Terrorism Analyst**

This presentation will provide an overview of the recent history and current situation for both Al Qaeda and the Islamic State. It will include current terrorism goals, terrorist threat, and U.S. actions. Time will be allocated for questions and discussion.

**10:15 to 11:45 AM Iran & North Korea: Current Status and Issues
John Ricca, Weapons of Mass Destruction & Counter-Terrorism Analyst**

This presentation will discuss the status and concerns about Iran and North Korea. It will address nuclear weapons capabilities, existing and potential agreements, assertions, current issues, and threat levels. Time will be allocated for questions and discussion.

Tuesday, September 25, 2018 Science Center**9:00 AM Tourism in Franklin County * [moved from 10:30 AM slot]
Janet Pollard, Executive Director, Franklin County Visitors Bureau**

This lecture will provide an update on tourism in Franklin County, including the new 11/30 Center and plans for using the new site to increase visitation to Franklin County.

**10:30 AM Rock, Water, Air * [moved from 9:00 AM slot]
Bob Dickson, Professor of Fine Arts, Wilson College**

This lecture will present photographs from a 10,000 mile, 1,200 image sabbatical project in the Fall of 2017. The talk will be part travelogue, part discussion, and part contemplation of creativity.

Wednesday, September 26, 2018**Bus Trip # 1 Departs: 8:00 AM****Mountain Playhouse, Jennerstown, PA Performance of *One Slight Hitch*
and The National Museum of the American Coverlet, Bedford, PA**

Bus trip to the Mountain Playhouse, Jennerstown, PA for the performance of *One Slight Hitch* and The National Museum of the American Coverlet, Bedford, PA. Synopsis: It's Courtney's wedding day, and her mother, Delia, is making sure that everything is perfect. The groom is perfect. The dress is perfect. The decorations (assuming they arrive) will be perfect. Then the doorbell rings. Guess who? It's Courtney's old boyfriend. Things fall apart - so much for perfect! Lunch at Green Gables Restaurant is included. Depart Chambersburg Weis Market parking lot on Wayne Avenue at 8:00 AM. Return at approximately 6:30 PM. Cost: \$95 (\$90 for IRP Members) includes bus, lunch, admission, performance and tips. Signup begins on Tuesday, September 11. Contact: Susan Etter, 717-263-0911 or 717-830-5390.

Note: Spaces are limited. No reservations until the sign-up date. Reservations on sign-up date must be in person.

Thursday, September 27, 2018 Science Center**9:00 AM Bicycling Across America
Dan Grandel, Social Security Administration Retiree & Avid Bicyclist
Pat Phenicie-Grandel, Retired Teacher & Avid Runner**

Dan Grandel bicycled across the United States in 1976 with a group of strangers, which whetted his appetite for future bicycle travel. Since then, he bicycled across the country six more times ... by himself, with good friends, with his wife, Pat in 1987, and with his son, Ethan in 2007. This presentation will discuss some serendipitous moments, some scary and dangerous moments, "How do we get out of this fix?" moments, and enjoyable moments where they could appreciate the beauty, geography, history, and people of this great land all at 15 mph from the seat of a bicycle.

**10:30 AM The Spanish Civil War: Prelude to World War II?
Dr. William Morgan, Retired Professor of Hispanic Languages and Literatures**

It has been written that the Spanish Civil War (July 18, 1936 to March 28, 1939) was a prelude to World War II. Is this valid? This presentation will examine the Spanish political environment prior to the outbreak of the Civil War, and the conditions of 20th Century Spain which led to the military uprising against the Second Republic. However, within weeks, what started as a national civil war became international as materiel and men were sent to Spain by Mussolini and Hitler and then by Stalin. The forces on each side would represent some of the opposite forces in the world war which was to begin shortly after the end of the Spanish Civil War. For this reason, some have reduced the Spanish uprising(s) to a simple precursor to World War II. This talk will include an assessment to see if that is a reasonable assumption.

Tuesday, October 2, 2018 Science Center

9:00 AM Dairy: Past, Present and Future John Azzone, Professional Dairy Farmer

It's not the dairy farm from your childhood days. This presentation will discuss how the cow came to be important in early agriculture and how scientific, industrial, technical discoveries and cultural changes have impacted the growth and development of today's dairy business. It will cover how we came to have dairy farms, what is happening today, what is likely to be the future of dairy farms, and how we may all be impacted as consumers.

**10:30 AM The Current State of Rooftop Solar
Mike McKechnie, Owner & President, Mountain View Solar**

This presentation will discuss the rapid progress made in rooftop photovoltaic solar technology. It will address the significant decrease in solar-panel cost, the increase in panel efficiency, and how this happened. It will talk about the significant changes in solar generation and storage, including how batteries have changed and enhanced electricity generation both residentially and commercially.

Wednesday, October 3, 2018

Bus Trip # 2 Departs: 8:30 AM

**Southwestern Pennsylvania and Western Maryland
Penn Alps Craft Shop & Restaurant, Spruce Forest Artisan Village, Grantsville, MD,
Springs Museum, Springs PA, Mt. Davis (highest point in PA), Deer Valley YMCA Camp, Fort Hill, PA**

Bus trip to Southwestern Pennsylvania and Western Maryland. Rest stop enroute at Sideling Hill Welcome Center, visit Penn Alps Craft Shop and Spruce Forest Artisan Village, lunch at the restaurant (included). Travel to Springs Museum, Mt. Davis (highest point in PA), and Deer Valley YMCA Camp. Depart Chambersburg Weis Market parking lot on Wayne Avenue at 8:30 AM. Return at approximately 5:30 PM (no dinner stop on the way home). Cost: \$65 (\$60 for IRP Members) includes bus, lunch, taxes and tips. Signup begins Tuesday, September 18. Contact: Pat Chickering, 717-264-7140, elljaychick@gmail.com or Paul Stockhausen, 717-352-4404, prstockhausen@gmail.com.

Note: Spaces are limited. No reservations until the sign-up date. Reservations on sign-up date must be in person.

Thursday, October 4, 2018 Science Center

**9:00 AM The Pennsylvania Supreme Court: Cases and Controversies
Dr. Sara Grove, Professor of Political Science, Shippensburg University**

While the U.S. Supreme Court receives more media attention, the Pennsylvania Supreme Court selects and decides cases that impact our lives just as often. This session will look at the history of the Court, its members, and controversial cases, including the redrawing of the Commonwealth's congressional districts earlier this year.

**10:30 AM An Introduction to the Anabaptists and Their Descendants in the Cumberland Valley
Linden Showalter, Founding Partner of Showalter & Miller Certified Public Accountants**

This presentation will explore the origins of the Anabaptist religious group in Switzerland and Netherlands in the 1500s. It will discuss the development of those branches of the Anabaptist movement that have modern-times descendants in the Cumberland Valley, the ways in which these descendants carry on the beliefs and practices of the original Anabaptists, and the ways in which they differ from one another.

Tuesday, October 9, 2018 Science Center

**9:00 AM Plants and Flowers that Attract Birds to Your Backyard
Rev. Bob Keener, Retired Health Care Chaplain**

This presentation will feature some lovely bird photography by local Audubon members, and will address the vital connection between native plants and flowers and birds. It will discuss a variety of resources for practical steps to improve biodiversity where we live.

**10:30 AM Life Cycle Cost Analysis (LCCA) to Building Design
Len Lendenmeyer, Retired Electrical Engineer and Renewable Energy Advocate**

We buy many things where our main concern is initial cost. But there are many other things that are going to last ten years or longer, and the operating cost may well equal or exceed the initial purchase cost. The purchase of a home and appliances are examples where a life-cycle cost analysis (LCCA) may lead to a more economic decision. While analyzing the entire life of an object may not be practical, a 20-year life analysis may be reasonable. This presentation will provide several examples of a life cycle cost approach.

Wednesday, October 10, 2018 Thomson Hall

**9:00 AM The Bill of Rights and You
Stephanie Jirard, JD, Professor, Criminal Justice & Dean's Associate, Shippensburg Univ.**

The U.S. Constitution's first ten amendments are designed to protect the public from government abuse of power. This lecture will explore those amendments most touched upon in criminal law and procedure, and take a quick glance at the hot topic of the little-known 25th Amendment.

**10:30 AM Lyme Disease: Treatment and Management
Dr. Timothy Stonesifer, Family Practice Physician, Shippensburg, PA**

Controversy exists about the cause and treatment of Lyme disease. Should it be treated as a short-term curable condition or a chronic recurring infection? This presentation will be an update from the lecture four years ago; it will offer an overview of Lyme disease, identify the ticks carrying the Borrelia organism, and discuss the treatment and diagnostics variables. Time will be allocated to address questions and concerns.

Thursday, October 11, 2018 Science Center

**9:00 AM Crafting the Perfect Representative: A Global Comparison of Constitutional Requirements for National Office
Dr. Cynthia Botteron, Professor of Political Science, Shippensburg University**

Requirements for national office can seem uninteresting. However, writers of constitutions across the world have tried to craft requirements for office in fascinating ways. Many countries forbid a person from running for national office if they have committed a crime of moral turpitude, or hold stock in companies with government contracts, or have been guilty of violating the edicts of the national "faith." This talk will explore the variety of requirements used globally and will discuss their impact on corruption and the authoritarian tendencies of elected officials. It will explore whether a denser set of requirements for the United States would be a positive or negative development for our political system.

**10:30 AM The Opioid Crisis and Law Enforcement's Response in Ben's County
Matt Fogal, District Attorney, Franklin County**

The opioid crisis has impacted Franklin County significantly, and it cuts across all demographics. While it is primarily a public health issue, law enforcement has brought new strategies to the table in order to help defeat the scourge in our community. This lecture will discuss the new "heart and fist" approach to the opioid epidemic in Franklin County which blends existing techniques of drug trafficking enforcement with a collaborative, team approach to effective treatment and recovery for those suffering with addiction.

Tuesday, October 16, 2018 Science Center**9:00 AM Average People in South Central Pennsylvania: Estate Planning
Elliott Sulcove, Attorney, Black & Davison; Adjunct Professor, Shippensburg University**

Average People in South Central Pennsylvania typically have between \$250,000 and \$1,000,000. They may or may not be married. If they have children, they may be by one marriage, or may be from a first or second marriage. The term average does not mean "typical" or "easy." These families present a series of estate planning choices and challenges which will be explored in this presentation.

**10:30 AM The Electoral College: Should it Be Abolished? * [new lecture title]
Dr. Fran Herrity [Panel Moderator], Former Legislative Director on Capitol Hill**

Of the 45 Presidents to date, there have only been five incidents where one candidate for the office of President won the popular vote, but the other candidate was elected from the Electoral College. As you know, one of those occurrences was 2016! In this session, the issue will be discussed from both sides and then a vote will be taken from those attending the presentation. Come exercise your Constitutional right. * [new synopsis]

Wednesday, October 17, 2018**Bus Trip # 3 Departs: 8:15 AM****Historical and Industrial York, PA**

Bus trip to York, PA. Tour the York Colonial Complex, including a 1741 tavern and the 1777 temporary U.S. Capital. Walk where history was forged during that tempestuous year! View 300 years of transportation, agriculture, and manufacturing industry at the Agricultural & Industrial Museum. Visit a workshop where stringed musical instruments are handmade and repaired. Complete the day at the York Barbell Weightlifting Museum. Lunch at the White Rose Bar & Grill is included. Depart Chambersburg Weis Market parking lot at 8:15 AM. Return at approximately 6:00 PM (no dinner stop on the way home). Cost: \$65 (IRP member \$60) includes bus, entrance fees, lunch and tips. Signup begins Tuesday, October 2. Contact: Susan Etter 717-263-0911 or 717-830-5390.

Note: Spaces are limited. No reservations until the sign-up date. Reservations on sign-up date must be in person.

Thursday, October 18, 2018 Science Center**9:00 AM Great Decisions – Turkey: Partner in Crisis
[open discussion], Foreign Policy Discussion Group * [new moderators]**

In this session, we will view a 25-minute documentary video and discuss Turkey, which of all NATO allies, represents the most daunting challenge for the Trump administration. In the wake of a failed military coup in July 2016, the autocratic trend in Ankara took a turn for the worse. One year later, an overwhelming majority of the population considers the United States to be their country's greatest security threat. In this age of a worsening "clash of civilizations" between Islam and the West, even more important than its place on the map is what Turkey symbolically represents as the most institutionally Westernized Muslim country in the world. * [revised synopsis]

**10:30 AM Franklin County Certified Tourism Ambassador Program
Douglas Harmon, Director, Certified Tourism Ambassador Program**

The Certified Tourism Ambassador (CTA) program is industry-recognized certification that aligns the destination's people infrastructure—its stakeholder businesses and front-line—to increase tourism by enhancing the visitor experience. With more than 17,000 current CTAs, the program drives visitor spending through in-depth knowledge of the destination 'product'; gives destinations a competitive advantage; and ensures consistent delivery of a positive destination brand experience. In today's consumer-driven world, savvy destinations realize the importance of CTA.

Tuesday, October 23, 2018 Science Center

**9:00 AM Wedge: How Polarized Media Foster Our Political Disunion
Dr. Alison Dagnes, Professor of Political Science, Shippensburg University**

The space between politics and culture has collapsed, and the media spread polarization everywhere. This talk will examine how we got to two different sets of truth, and the consequences of this division.

**10:30 AM Mercy in Motion: The Gift of Mobility, African Initiative
Elaine Livas, Volunteer President, PET Carlisle, Inc.**

This presentation will give a history of the ministry and show a Personal Energy Transportation (PET) wheelchair for participants to look over. It will describe the PET workshop in Mt. Holly Springs, PA, discuss people's experiences working together, and talk about the most recent African initiative in Sierra Leone and Zambia.

Wednesday, October 24, 2018 Thomson Hall

**9:00 AM The Joy of Writing Your Own Story
Deborah Sweaney, Author and Business Owner, Ancestry Searches**

This lecture will encourage attendees to write their own story. It is based on the speaker's own experiences writing three books about her family stories from her childhood in rural Missouri and a belief that everyone has a story to tell. It will provide hints about how we can "unpack" our memories in order to share our own stories.

10:30 AM A Philosophical Sampler Dr. John O'Connor, Professor Emeritus of Philosophy

This lecture will be an examination of one or more of the great philosophical principles.

Thursday, October 25, 2018 Science Center

**9:00 AM Theatre Performance and the Acting Process
Paris Peet, Professor of Theatre, Shippensburg University**

This presentation will examine the actor's process for preparing a role for a live performance and preparation of the role of King Lear. It will include a short performance from Shippensburg University Theatre's *Festival of Short Plays - 2018*, providing an interactive way for the audience to comprehend the kinds of goals and choices that actors encounter in creating a role.

**10:30 AM PTSD: The Continual War Within
Rev. Andrew Hart, Pastor, Doctrinal Candidate and Guthrie Scholar at Columbia Seminary**

This presentation will provide an overview of PTSD and discuss various biological and psychological elements of the disorder. It will address the role of faith in coping with PTSD, and conclude with the speaker discussing various cases he has encountered.

Tuesday, October 30, 2018 Science Center**9:00 AM Disney, Bambi, and an Austrian Jew: A Story of Art and Politics
Dr. Beverley Eddy, Professor Emerita of German, Dickinson College**

When Walt Disney made Felix Salten's Bambi into an animated film, he tried very hard to preserve the tone of the original novel. This lecture will discuss how Disney found that he had to make some important artistic changes and compromises; but he did manage to capture the beauty and fragility of forest life. Unfortunately, Salten's novel, which treated themes relevant to 1920s Vienna, could not be translated with complete accuracy into a film that appeared after Pearl Harbor and America's entry into World War II.

**10:30 AM Tales From the Old Jail
Suellen Burkey, Writer of Local History and Vice Pres., Franklin County Historical Society**

This lecture will briefly cover the 200-year history of the Franklin County Old Jail.

Wednesday, October 31, 2018**Bus Trip # 4 Departs: 7:00 AM****Philadelphia, PA****Museum of the American Revolution and Vikings Exhibit, Franklin Institute**

Bus trip to Philadelphia, PA to visit the new Museum of the American Revolution (MAR) and the Franklin Institute's exhibition, *Vikings: Beyond the Legends*. Depart Chambersburg Weis Market parking lot on Wayne Avenue at 7:00 AM. Arrive at MAR at 10:00 AM for an introductory film followed by a self-guided tour of the interactive exhibits. Depart at Noon for the Franklin Institute for lunch at your own expense in the museum's food court. Begin self-guided tour of the Vikings exhibit at 1:30 PM. Depart at 3:30 PM for arrival at Weis' parking lot approximately 7:00 PM (no dinner stop). Cost: \$95 (\$90 for IRP Members) includes bus, entrance fees, and tips. Signup begins Tuesday, October 16. Contact: Betty Thompson, 717-352-8736.

Note: Spaces are limited. No reservations until the sign-up date. Reservations on sign-up date must be in person.

Thursday, November 1, 2018 Science Center**9:00 AM A Tour Through the Dobbin House, Gettysburg, PA
Jackie White, Dobbin House Owner**

This lecture will present a history of the Dobbin House, the people who built it, and what their life was like in the 18th Century, using stories and photographs. The stone home, built by Rev. Alexander Dobbin, spans three centuries of American history, from the Revolutionary War through the Civil War and beyond. The presentation will offer a 'walk' through the original rooms covering 'centuries of subjects' such as how the Dobbin family planned to defend themselves against Indian attacks, Matthew Dobbin's secret slave hideout, what the Zeigler family experienced while living in the home during the Battle of Gettysburg, and Eisenhower's connection to the Dobbin House.

10:30 AM IRP Members Meeting**12:00 Noon IRP Members Lunch at Copper Kettle Restaurant
1049 Lincoln Way East, Chambersburg, PA**

Individual order; individual checks.

Signup begins Tuesday, October 23. Contact: Kathy Worthington, 717-643-0537.