

OCTOBER 11, 2017

Christopher A. Jones, Ph.D.

Space Mission Analysis Branch
NASA Langley Research Center

*“It’s More Than Rocket Science:
The Challenges of Spaceflight and
Their Extraordinary Solutions”*

Dr. Christopher Jones works at NASA's Langley Research Center in Hampton, VA. His current work includes strategic analysis of space technology investments, applications of in-space assembly to Mars exploration, and mission design for an Earth Science satellite. He obtained his Masters and Ph.D. in aerospace engineering from Georgia Tech in 2009 and 2016, respectively, and his Bachelors in mechanical engineering from the University of South Carolina in 2007.

This talk introduces some of the reasons, from physics to economics, why spaceflight has been and remains a challenging endeavor. Key questions that will be answered include: “What is the challenge?”, “Why does it matter?”, and “What’s the solution?” These challenges include the need for speed (not just altitude) to keep a spacecraft in orbit, and why low gravity and high radiation pose risks to the human body beyond Earth orbit. Some of the solutions will require new advances in technology and design, while others exist but pose economic challenges.



NOVEMBER 8, 2017

Mark Schneider

Colonial Williamsburg
Foundation

*“Napoleon and the
Transformation of Europe”*



Mark Schneider was born and raised in the small town of Setauket, New York on Long Island. After high school, Mark moved to Virginia where he attended Christopher Newport University and received a B.A. in History. Mark then joined the U.S. Army where he served as a Cavalry Scout performing Armored Reconnaissance for the 1st Armored Division in Bosnia-Herzegovina, Germany and the United States. Upon completion of his tour of active duty, Mark started working for the Colonial Williamsburg Foundation in 1997. While at Colonial Williamsburg Mark has performed as a variety of different characters ranging from Mark Antony, James Madison, Benedict Arnold, Le Comte de Rochambeau and many others. Mark is now in the Nation Builder program where he performs as the Marquis de Lafayette. Mark also portrays Napoleon Bonaparte internationally and has appeared since 2005 in Austria, Belgium, Czech Republic, France, Germany, and Russia.

Napoleon Bonaparte is known as one of the greatest generals in military history. The name Napoleon is often found alongside great leaders such as Alexander the Great, Hannibal, Julius Caesar and Frederick the Great. But Napoleon was more than just a great general, he was a reformer, lawmaker, patron of the Arts, man of the people, who spread the great ideas of the French Revolution across Europe.

In this performance you’ll meet Napoleon. You will also learn about these great reforms and how they benefited France and the Europe that he influenced.

DECEMBER 3, 2017 (Sunday)

Dr. Jodi Magness
UNC Chapel Hill

“New Discoveries in the Ancient Synagogues at Huzot in Israel’s Galilee”

Dr. Magness has participated on 20 different excavations in Israel and Greece, including co-directing the 1995 excavations in the Roman siege works at Masada. From 2003-2007 she co-directed excavations in the late Roman fort at Yotvata, Israel.

Since 2011, Professor Jodi Maness has been directing excavations in the ancient village of Huzot in Israel’s Galilee. The excavations have brought to light the remains of a monumental Late Roman (fifth century) synagogue building that is paved with stunning and unique mosaics, including depictions of the biblical hero Samson, and the first non-biblical story ever discovered decorating an ancient synagogue. In her slide-illustrated lecture, Dr. Magness describes these exciting finds, including the discoveries made in last summer’s season.

Dr. Magness, current President of the Archaeological Institute of America, is a graduate of the Hebrew University of Jerusalem and received her Ph.D. in Classical Archaeology from the University of Pennsylvania. She holds a senior endowed chair in the Department of Religious Studies at the University of North Carolina at Chapel Hill: the Kenan Distinguished Professor for Teaching Excellence in Early Judaism.

Magness has authored and co-authored ten books, won awards for many of them, and has published dozens of articles in journals and edited volumes. Her research interests, which focus on Palestine in the Roman, Byzantine, and early Islamic periods, and Diaspora Judaism in the Roman world, include ancient pottery, ancient synagogues, Qumran and the Dead Sea Scrolls, and the Roman army in the East.

Dr. Magness received a 2016-2017 National Endowment for the Humanities Public Scholar Award for work on Masada: A New History. Her other awards include a fellowship from the American Council of Learned Societies, a fellowship in Byzantine Studies at Dumbarton Oaks in Washington, D.C., and a Fulbright Lecturing Award among numerous others.

She has also consulted for and appeared in the National Geographic series, The Story of God with Morgan Freeman, which aired in spring 2016.



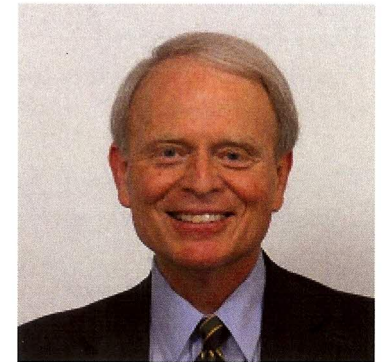
JANUARY 10, 2018

Dr. Michael Haltzel
Foreign Policy Institute
Johns Hopkins School of Advanced
International Studies

“Contours of US Foreign Policy 2018”

America’s role in the world is at an important crossroad. After nearly two decades of US involvement in war in Afghanistan, 15 years in the Middle East, a slow brewing, dangerous conflict with North Korea, and huge challenges elsewhere, a clear assessment of American interests and ideals in foreign policy is a top priority. What principles and what restraints should govern US approaches to the civil war in Syria, to an assertive Russia under Vladimir Putin, to our security relations with NATO in Europe, and to other alliances in Asia? How should we manage our strategic, military, economic, and financial relations with China, and how should we combat global terrorism from Afghanistan to Africa to Europe? To what extent should US policy reflect a nationalist, unilateral policy vs. a multilateral cooperative endeavor? How much should American domestic politics affect our foreign policy?

Dr. Michael Haltzel is, however, extremely well qualified to stimulate the conversation by providing critical insights into the dynamics of the challenges for 2018. He is currently Senior Fellow at the Center for Transatlantic Relations of Johns Hopkins University’s School of Advanced International Studies in Washington. Haltzel served as Staff Director for European Affairs of the Senate Foreign Relations Committee and Senior Foreign Policy Advisor to US Vice President (then Senator) Joseph Biden, and earlier as Chief of the European Division of the Library of Congress, Director of West European Studies at the Woodrow Wilson International Center for Scholars, and Deputy Director of the Aspen Institute Berlin. He has headed US Government delegations to the Organization for Security and Cooperation in Europe (OSCE), and was an OSCE monitor of the first postwar elections in Bosnia. Haltzel, who earned his Ph.D. in History at Harvard and has authored or edited 10 books, writes a blog for the Huffington Post. He is the recipient of state decorations from seven European countries.



FEBRUARY 11, 2018 (Sunday)

Dan Swartwood

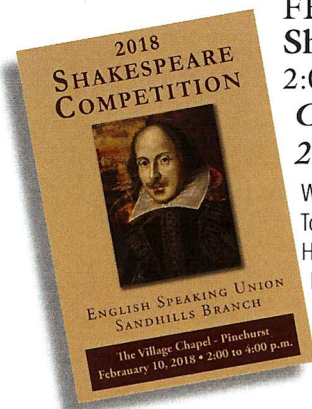
President of The Society for the Policing of Cyberspace



“Safeguarding Yourself from the Darkside of the Internet”

After giving a short overview of the history of cybercrime, Dan will discuss the current practices of the “Black Hats” i.e., the bad guys, and the ways you can safeguard your data files, financial accounts, and identity protection. Looking into the future, a discussion on what we can expect from both the “White Hats and the Black Hats” will be explored, and being protected in a connected world will be highlighted.

Following a career as an US Army Military Intelligence officer, Dan successfully managed global data protection programs in four Fortune 1000 companies and the third largest private company in America. He has created, implemented and managed global privacy, IP protection, security investigations and data protection programs for over two decades. Before being elected President of The Society for Policing of Cyberspace, in 2014, he had served for seven years as Vice President. In 2011, he became a senior fellow with the Ponemon Institute, a leading data protection research group. A highlight of his career was the opportunity to conduct an independent operations security review of the White House for the Inspector General of the US Secret Service. Dan earned a Master of Science degree in Strategic Intelligence at the Defense Intelligence College.



FEBRUARY 10, 2018

Shakespeare Competition

2:00 to 4:00 pm The Village Chapel

Congratulations Kyaa Torrence

2017 Shakespeare Competition Winner

With a performance of a sonnet and monologue from Shakespeare, Kyaa Torrence from Cameron, NC, a student of Judy Osborne at Union Pines High School in Cameron, placed as a semi-finalist in the 34th annual English-Speaking Union National Shakespeare Competition in New York. The Competition took place on May 1, 2017 at Lincoln Center with 54 semi-finalists from as many ESU Chapter competitions nationwide. Kyaa previously won the ESU Sandhills Chapter competition.

MARCH 6, 2018

Middle School Debate

Sandhills Community College

The Sandhills ESU chapter has sponsored a county-wide Middle School Debate for the past 9 years. On March 7, 2017, six Moore County Middle Schools competed in the event arguing the pros & cons of *Resolved: The Electoral College should be eliminated*. Over 115 middle school students took part in this competition as debaters, timekeepers and alternates. All the teams came prepared to support or refute the assigned topic which was determined by a flip of a coin. Winners are decided based on speaker points, which are awarded on each team’s ability to enunciate, present evidence, and refute the opposing teams arguments. The forty (40) judges consisted of a mix of ESU members, retired professionals and Pinecrest Debate team members. The Moore County Middle School Debates are sponsored by the Sandhills Chapter and chaired by Sally Bold Frick. The day long competition is made possible by the generous support of the ESU members.



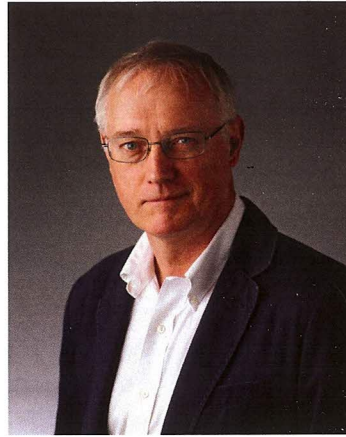
Pictured here are the 2016 First Place Winners, Conlan and Garrett Kane, flanked by Dr. Mike Metcalf, Moore County Schools Director of Curriculum and Instruction, and Ed Dennison, Chairman and Member-At-Large of the Moore County School Board.

The Kane brothers attend the St. John Paul II Catholic School, in Southern Pines, North Carolina.

MARCH 14, 2018

Dr. Dennis Dimick

Journalist
National Geographic Magazine
Executive Editor of Environment



*“The Big View:
Climate Change in the Human Age”*

It is nearly impossible to read a newspaper or magazine, listen to the radio, or watch the nightly news without encountering at least one mention of climate change. For years, melting glaciers and ice caps, cataclysmic storms, rising seas, and longer, hotter summers, have fueled concerns that our planet is warming, and prompted heated debate among politicians, scientists, journalists, and ordinary citizens.

Quietly, below the roar of the crowd, *National Geographic* has been documenting the effects of climate change and its many contributing factors, and reporting on scientists' projections of potential future trends.



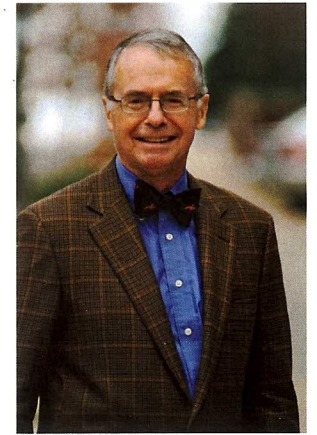
Former Executive Editor Dennis Dimick has overseen this coverage and reporting, working side by side with senior writers, photographers, scientists, and research teams as they gather and analyze the data. He has a unique gift for distilling this vast information into a manageable narrative, and has shared it with a wide range of public and corporate audiences worldwide.

Dr. Dennis Dimick has been the *National Geographic* picture and environment editor for more than 35 years. He is co-founder of Eyes on Earth, inspiring a new generation of environmental photographers. He is also recipient of the 2013 Charles M. Sprague award for service to photojournalism.

APRIL 4, 2018

John Milton Cooper, Jr.

Historian
Wilson Scholar



*“Land of His Mother and His Fathers:
Woodrow Wilson and Great Britain in
World War I”*

With a mother born in England and all his grandparents born under the Union Jack, Woodrow Wilson could not escape being an Anglophile. At the beginning of World War I he confessed to the British ambassador his affection for that country and hope that the Allies would win. Two and a half years later, he brought the United States into the war on Britain's side. But between those times, Anglo-American relations followed a tortuous and often painful path, complicated by Wilson's growing disillusionment with Britain and horror at the carnage of the war, which made the president a reluctant, doubtful interventionist. Also complicating relations was the shadowy, devious part played by Wilson's advisor Colonel Edward M. House. How all this came out as it did is the story to be told.

Dr. John Milton Cooper earned an undergraduate degree at Princeton University and a M.A. and Ph.D. from Columbia University. He has authored six books and his 2009 book, “Woodrow Wilson, A Biography”, was a Pulitzer Prize Finalist. Dr. Cooper has been a Policy Scholar at the Woodrow Wilson International Center for Scholars and a long-term member of the Editorial Advisory Committee for “The Papers of Woodrow Wilson”. He served as Chief Historian for the PBS American Experience biography of Woodrow Wilson and as Consultant for the PBS biography of Theodore Roosevelt on which he appeared. Dr. Cooper also served as Fulbright Professor of American History at Moscow State University and has held fellowships from the Guggenheim Foundation and the National Endowment for the Humanities among many others. He joined the faculty of the University of Wisconsin in 1970 and is currently the E. Gordon Fox Professor Emeritus of American Institutions at the University of Wisconsin-Madison.