

## NATION FOUNDERS AND STATE FOUNDERS:

### MICHIGAN'S PIONEERS AND THE IDEALS OF THE AMERICAN REVOLUTION

Based on research that underpinned Dr. Anna-Lisa Cox's exhibit at the Smithsonian's National Museum of African American History and Culture, this course will describe the nation's earliest struggles for freedom and equality, and how they shaped the Midwest and Michigan. We'll learn about how the nation's founders influenced the writing of the Northwest Territorial Ordinance of 1787, which once governed Michigan. Recently-discovered histories of early African-American pioneers and their allies who fought in the War of 1812, reveal details about early pioneers of Michigan and Ottawa County and about those who worked to win liberty and equality for all Americans.

**January 23:** We will explore the revolutionary ideals outlined in the Northwest Territorial Ordinance of 1787, and its connection to the Declaration of Independence, the Revolutionary War, and the formation and settlement of Michigan.

**January 30:** We will continue to explore the history of Michigan's earliest pioneers, and the events that occurred in the state that tipped the nation toward the Civil War.

Date: Wednesdays, Jan. 23, 30

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$10.00

Coordinator: Patricia Denner

## INNOVATION IN SCIENCE EDUCATION THROUGH NATURE

Environmental Science is now being used as a tool to help teachers, administrators, and school districts embrace the nature-based education movement. Educators and naturalists from the Outdoor Discovery Center (ODC) who utilize this new approach to teaching, meet with, co-teach, and advise local educators. The goal is to help them achieve a teaching delivery that uses our natural resources as part of their lesson plans. Project-based learning is incorporated into teaching plans to provide an active learning model that both challenges students and helps them gain life skills. STEM (Science, Technology, Engineering, Math) and STREAM (Science, Technology, Reading/Writing, Engineering, Art, Math) programs utilizing nature in teaching are described.

Presenters: **Bob Wandel** has a BA from Michigan State University and an MA from Davenport University. He has been the manager of the ODC's Education Network since 2017. He teaches the STREAM program in Hamilton Community School's 8th grade middle school program.

**Jamie Krupka** has a BA in Environmental Science from the University of Dayton. He has been ODC Network's VP of Programming since 2003.

Date: Tuesday, Jan. 29  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Brad Klow

## ORCHIDS

Landis Zylman invites HASP members to his home and greenhouse to share his passion for cultivating orchids.

### **January 29: Introduction to the Orchid Collection**

The many varieties of orchids in the collection and their growth patterns will be covered.

### **February 12: Caring for Orchids**

The details of caring for orchids including light, temperature, fertilizers, and hybrids will be discussed.

The Zylman home at 92 West 40th Street in Holland is located to the right of where Central Avenue intersects 40th Street. A sign “Orchids” is at the entrance of the long driveway. The course requires walking or standing for the full session.

*Presenter: HASP member **Landis Zylman** attended Hope College and graduated from the University of Michigan School of Dentistry. Having retired from dentistry, Landis has been able to focus on his lifelong passion of gardening.*

Date: Tuesdays, Jan. 29, Feb. 12  
Time: 9:30-11:00 a.m.  
Place: off site, home of Landis Zylman, 92 W.40<sup>th</sup> St.  
Cost: \$10.00  
Coordinator: Sharon Tabaka

**Maximum: 12**

## PHOTOGRAPHY AS ART AND CRAFT

Producing a meaningful and satisfying photograph is a creative response to a unique situation. Photography is both an art and a craft, and we will discuss the path that leads from inspiration through execution to the final image. Though the course will include technical tips that may help you improve your own photography, it will be relevant to photographers at all levels.

*Presenter: **Steve Nelson** is an Associate Professor in the Department of Art and Art History at Hope College where he has taught photography since 1989. He received a BFA in photography from Western Michigan University, Kalamazoo, before earning his MFA in art media studies at Syracuse University. His photographs have been exhibited widely, including solo and group exhibitions in Chicago and Grand Rapids. Steve continues to work on a series of*

*black-and-white photographs of Michigan landscapes taken with a handmade panoramic camera.*

Date: Thursday, Jan. 31

**Maximum: 35**

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$5.00

Coordinator: Steve Nelson

## THE HISTORY OF BOAT BUILDING IN HOLLAND

Holland's boat-building tradition took root in the 1840s, as Dutch immigrants crafted flatboats and watercraft for residents. Just a century later, the city's commercial boat-building industry flourished. The innovation of fiberglass-reinforced plastic changed the traditional structure of boats, revamped the industry, and re-created the blueprint for United States pleasure boats following World War II. Local craftsmen found the transition from furniture building to boat building seamless. This course explores the story of Holland's unique legacy of maritime craftsmanship.

*Presenter: Hope College Professor **Geoffrey D. Reynolds** has been The Mary Riepma Ross Director of The Joint Archives of Holland at Hope College since 2001. He previously served as the collections archivist from 1997 to 2001. A graduate of Wayne State University with a Master in Library and Information Science degree with an Archival Administration Certificate, he also holds a BS in Secondary Education from Central Michigan University, Mount Pleasant. Reynolds has written articles about local history and books titled Boats Made in Holland: A Michigan Tradition and From Craft to Industry: The Boat Builders of Holland*

Date: Thursday, Jan. 31

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$5.00

Coordinator: Brad Bright

## CRISIS COMMUNICATIONS:

### ANALYZING HOW ORGANIZATIONS REACT IN TIMES OF CRISIS

We will examine how both private and public organizations react in times of crisis and what messages they communicate. We will consider case studies of both good and bad examples, and learn some guidelines of how to handle crises effectively. The course will be of particular interest to close followers of the news and organizational behavior.

*Presenter: **Lauren Berkshire Hearit** has a PhD from Purdue University and is an Assistant Professor of Communication at Hope College. She teaches crisis communication and media*

*relations, strategic communication campaigns, and research methods. Her work has been published in several referred journals, and has been presented at several national and international conferences.*

Date: Monday, Feb. 4  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Randall Miller

#### DELFTWARE: AN INTRODUCTION

Since the 17<sup>th</sup> century, Delft earthenware has captured the attention of individuals from many countries, and has been collected by the aristocracy, the general public, and museums around the world. From its beginning, Delft earthenware was greatly influenced by ceramics outside of the Netherlands, from the Majolica pottery of southern Europe to the prized porcelain of China and Japan. This class will serve as an introduction to Delftware with a focus on three main areas: (1) a description of Delftware; (2) the origin and development of Delftware; and (3) the renaissance of Delftware in the mid-19<sup>th</sup> century.

In addition to projected images from the presenter's personal collection, key pieces spanning four centuries will also be on display for viewing and discussion. Participants may bring a piece of Delftware to discuss with the presenter at the end of class.

*Presenter: **Jack Lapp** began collecting Delftware at age sixteen, and his interest has since become a lifelong passion. Over the years he has increased his knowledge of this Dutch art form through continuous study, discussions with other collectors and experts in the field, and examining the Delftware collections of museums in Europe and the United States. His collection of approximately 180 pieces contains only hand-painted wares spanning four centuries and consists mostly of large-scale items. Jack holds a BME in Music Education from Grand Valley State University and has taught in the Thornapple Kellogg Public Schools, Cascade, Michigan.*

Date: Wednesday, Feb. 6  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Mary Voss

#### LAURA VERPLANK FILM SERIES

This course is an ongoing series of film presentations followed by discussion that was originated by the late HASP member Laura VerPlank and continued by HASP member Jack Hyde. Beginning with wolves and ending with bees, we'll view a major battle, watch a man spending lots of money, and see an Estonian fencing teacher make a difficult decision.

**February 8:** *Never Cry Wolf* 1983 (105 minutes)

This film reveals a world of hypnotic beauty and breathtaking cinematic imagery. Tyler, a young inexperienced biologist, is deposited alone onto desolate Arctic terrain. He struggles to endure the forces of nature and documents the wolves he has been sent to study. Ironically, the main character in this Disney film eats mice in order to survive.

**February 15 and 22:** *Dances with Wolves* 1990 (185 minutes; two sessions on consecutive weeks)

This American epic is an adaptation of the 1988 book of the same name. A Union Army lieutenant travels to the American frontier to find a military post and encounters a group of Lakota Sioux. Winner of seven Academy Awards and accompanied by outstanding music, the film depicts the conflicts with Native Americans in the midst of the Civil War.

**March 1:** *The Battle of Britain* 1969 (132 minutes; morning/afternoon split)

Featuring Michael Caine, Trevor Howard, Laurence Olivier, Christopher Plummer, Michael Redgrave, Robert Shaw, Susannah York, and Edward Fox, this film retells the true story that shows courage at its inspiring best. Few defining moments can change the outcome of war, but when the outnumbered Royal Air Force defies seemingly insurmountable odds in engaging the German Luftwaffe, it may well have altered the course of World War II.

**March 8:** *Brewster's Millions* 1945 (79 minutes)

Who would have ever thought that spending money could be so troublesome? Just when Brewster wants to get rid of money, it keeps coming back. But sometimes he has to do that in order to inherit even more money! Watching this light comedy, you will get caught up in the frustration of the main character as he tries to spend money, but can't tell anyone why.

**March 15:** *The Fencer* 2017 (Estonian with English subtitles; 99 minutes)

Fleeing the Soviet secret police, Endel, a young Estonian fencer, is forced back to his homeland, where he finds work as a teacher and starts a sports club for his students. He becomes a father figure to his students and starts teaching them fencing. When the children want to participate in a national fencing tournament in Leningrad, Endel must make a choice: risk everything to take the children to Leningrad or put his safety first and disappoint them.

**March 22:** *The Secret Life of Bees* 2014 (110 minutes)

This film, based on a New York Times bestselling novel, is set in South Carolina in 1964. It portrays the moving tale of Lily Owens, a 14-year-old girl who is haunted by the memory of her late mother. To escape her lonely life and troubled relationship with her father, Lily flees with her caregiver and only friend to a South Carolina town that holds the secret to her mother's past. Sheltered by the intelligent and independent Boatwright sisters, Lily finds solace in their mesmerizing world of beekeeping, honey, and the Black Madonna.

*Presenter: HASP Member **Jack Hyde** has been presenting this series in recent years. He was a high school special education teacher, a newspaper columnist, and an active community volunteer.*

Date: Fridays, Feb. 8 – March 22  
Time: 9:30 - noon  
Place: HASP classroom  
Cost: \$25.00  
Coordinator: Jack Hyde

### *CRY IT OUT!*

#### WOMEN AND OTHER UNDER-REPRESENTED PLAYWRIGHTS CHANGING THE FACE OF AMERICAN THEATRE

Nationally, eight of the 11 most-produced plays in the 2018-19 American professional theatre season are written by women, a record in terms of gender parity. While this is good news, there are still many hurdles to overcome for under-represented voices in American theatre. Why are these changes so long overdue? Have they gone far enough? Will they continue? These are some of the questions the class will try to answer. The class will also take a peek into the upcoming production, *Cry It Out!*, which explores the ongoing challenges of women as they strive to straddle motherhood and the working world.

*Presenter: Hope College theatre professor **Richard Perez** works nationally as an actor, director, and educator with an emphasis on new play development. He has been Artistic Director of the Bloomington Playwrights Project in Indiana and Managing Director of Hope Summer Repertory Theatre. His directing credits include work with the New York Fringe Festival and Kennedy Center's New Visions/New Voices Festival. Richard has acting credits with television series such as "The Boss," "Chicago Fire," and "Chicago Med." He has a BA from Hunter College, New York, and a MFA from Arizona State University, Tempe.*

Date: Tuesday, Feb. 12  
Time: 1:00-2:30 p.m.  
Place: DeWitt Theater  
Cost: \$5.00  
Coordinator: Al Ver Schure

## BIAS AND THE MEDIA: AN ADVANCED UPDATE

We will consider if, and when, bias manifests itself in the media by considering results of extensive research and using multiple examples. This course builds upon the fall 2018 course on Bias and the Media, but it provides a more in-depth examination with current research. It is not necessary to have attended the fall 2018 class to attend this session.

**Presenter:** *Lauren Berkshire Hearit has a PhD from Purdue University and is an Assistant Professor of Communication at Hope College. She teaches crisis communication and media relations, strategic communication campaigns, and research methods. Her work has been published in several referred journals, and has been presented at several national and international conferences.*

Date: Monday, Feb. 18  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Randall Miller

## ORDINARY WORDS, EXTRAORDINARY STORIES: WHAT COMMON ENGLISH WORDS TELL US ABOUT THE PAST

Migration, invasions, conquests: contact between peoples, whether violent or peaceful, leaves its mark on languages. Language-change over time, though few are conscious of it, is itself a powerful force shaping languages. We will take a brief look at the history of the English language as illustrated by a selection of common words that entered the language before 1500. We will talk about indications that certain changes affecting English over more than a thousand years are continuing in contemporary English.

**Presenter:** *HASP member Alice Lincoln Ward is a retired French instructor with a BA in English and French from the University of Michigan and an MA in linguistics from Stanford University. In addition to French, Alice enjoys studying, reading, and listening to two other Romance languages and three Germanic languages.*

Date: Tuesday, Feb. 19  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: George Ward

## A GEOGRAPHER LOOKS AT DUTCH LANDSCAPE PAINTINGS

Landscapes are central to both geography and art—geography, in the origins of, changes in, and functions of landscapes; and art, in their depiction and meaning. This talk will examine especially the Dutch landscape paintings of Dutch-American artist Chris Stoffel Overvoorde. A selection of his works will be on exhibit at the Holland Area Arts Council from January 11 to February 27, 2019, as part of the 25<sup>th</sup> anniversary of the Van Raalte Institute at Hope College. This course, offered at the Holland Area Arts Council, will show how a geographer's perspective can help enrich the viewer's appreciation of Overvoorde's landscape paintings.

*Presenter:* **Henk Aay** is a Senior Research Fellow at the Van Raalte Institute and was Professor of Geography and Environmental Studies at Calvin College from 1982 to 2012. He holds a PhD in geography from Clark University in Worcester, MA.

Date: Wednesday, Feb. 20

**Maximum: 50**

Time: 9:30-11:00 a.m.

Place: Holland Arts Council

Cost: \$5.00

Coordinator: Nella Kennedy

## ISLAMIC ART AND ARCHITECTURE

We will explore the art and architecture of the three major periods in Islamic art history. Each session will be a combination of lecture and discussion.

Students are asked to purchase the book, *Islam: A Thousand Years of Faith and Power*, by Sheila Blair and Jonathan Bloom, a paperback published by Yale University Press. The book can be ordered for \$16.00 when you register for the class online. ***Deadline for ordering the book through HASP is January 30<sup>th</sup>.***

### **February 20: Origins of Islam**

The formation of Islam and its practices will be addressed, including an examination of the ways in which these practices shaped, and were shaped by, art and architecture in the Umayyad and Abbasid dynasties.

### **February 27: The Middle Period**

The growth of regional powers and the impact of the Crusades and the Mongol invasions will be examined, including the transference and amalgamation of artistic media and motifs across the Islamic lands.

### **March 6: Three Great Empires**

The Ottoman, Safavid, and Mughal empires each contributed to the art and architecture of Islam.

*Presenter: Anne Heath, Associate Professor of Art and Art History at Hope College, specializes in art history prior to the modern period. She conducts an active research program and has engaged with her students in interdisciplinary collaborations reconstructing the architecture, decoration, and music of medieval churches using digital technologies. She holds a BA from the University of Maine, Orono, a MA from Florida State University, Tallahassee, and a PhD from Brown University, Providence, Rhode Island.*

Date: Wednesdays, Feb. 20, 27, March 6

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$15.00

Coordinator: Bill Reynolds

## FEMINIST ACTIVISM

Throughout United States history, women and men have worked together to change our social, legal, educational, professional, medical, economic, religious, and political systems—opening doors for equality, for women’s rights, and for healthier, more joyous lives together.

### **Feb. 21: Feminist Activism**

We’ll seek answers to the following questions: (1) What type of progress has been made in feminist politics? (2) What tools (digital and otherwise) are being used for feminist activism? (3) How are feminists building coalitions with other justice activists to further common goals? And (4) What is the end goal for feminist activism?

### **Feb. 28: Patriarchy**

We will take up the questions of what patriarchy is, how it operates, and how it will end.

*Presenter: Sarah Kornfield is an Assistant Professor of Communication and Women’s and Gender Studies at Hope College, where she teaches courses in rhetoric, media, and gender. Her research is published in journals such as Women & Language, Rhetoric & Public Affairs, and Women’s Studies in Communication.*

Date: Thursdays, Feb. 21, 28

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$10.00

Coordinator: Connie Corriveau

## THE HISTORY OF MARCH MADNESS

The NCAA Men's Basketball National Championship Tournament, "March Madness," has become one of the highlights of the American sporting landscape. This class will take a look at the early years of the NCAA, NIT, and College Basketball Championship Tournaments, 1922–1951, along with some discussion of this national phenomenon in recent years.

*Presenter: **Chad Carlson** is an Associate Professor of Kinesiology/Director of General Education at Hope College. Prior to that, he was an assistant professor, assistant chair, and graduate program coordinator of the Department of Kinesiology and Sports Studies at Eastern Illinois University, Charleston, Illinois. He received his BA in secondary education with social studies and physical education majors from Hope College; an MA in health, physical education and recreation, and pedagogy program from Western Michigan University, Kalamazoo; and a PhD in kinesiology and the history/philosophy of sport program from Penn State University, State College.*

Date: Monday, March 4  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Brad Bright

## WHAT DOES IT MEAN TO BE BICULTURAL?

Are there differences between being bilingual and bicultural? What are they? What makes a person bicultural? What struggles are associated with being bicultural? What are the benefits? Participants in the class will leave with practical tools to approach and connect with bicultural people in our community.

*Presenter: **Berta Carrasco de Miguel** received her BA from the University Antonio de Nebrija in Madrid, Spain, and her MA and PhD from Western Michigan University, Kalamazoo. She taught for a year at a Catholic university in Pennsylvania and arrived at Hope College in the fall of 2012. She teaches a variety of courses ranging from Beginning Spanish to Advanced Grammar and Conversation for Heritage Speakers, Spanish for the Community, and a First-Year Seminar in Spanish that focuses on immigration issues.*

Date: Tuesday, March 5  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Ann Weller

## THE LAST GATEKEEPERS

After the Vietnam War, the United States still had to confront numerous dangers of the Cold War. Victory over the Soviet Union was finally achieved, but new threats demanded heightened vigilance and underscored the elusiveness of peace.

**March 6:**     **1973–1978 Trapped in Vietnam’s Shadow**

Defeat in Vietnam forced the United States to reassess its role in the world and confront the conundrums of its limitations despite being a superpower.

**March 13:**   **1979–1982 From Tehran to Moscow to Kabul**

In January 1979, few in America had ever heard of Ayatollah Khomeini. By December 1982, the troubling revolution he ignited in Iran was compounded by aggression from Russia to Afghanistan.

**March 20:**   **1982–1985 The Enemy of My Enemy**

Disaster in Lebanon was offset by victory in the Caribbean, as the United States learned how to combat sophisticated agents of terror while directly confronting Soviet power.

**March 27:**   **1985–1988 Secret Wars and the Aardvark**

The global struggle against communism moved to the highlands and jungles of Central America, while dictators who meant America harm were encouraged to rethink their hostility.

**April 3:**     **1989–1992 Berlin**

When the Berlin Wall finally fell in 1989, it promised hope for the people of Germany, foreshadowed the demise of the Soviet Union, and led to talk of a “peace dividend.” Reality set in, and American power had new crises to meet and new enemies to learn.

**April 10:**   **1992–2001 Malevolence to Mailed Fist**

Old hatreds in the Balkans exploded into open warfare just before Iraq invaded Kuwait, drawing the wrath of American power. Then came genocide in Rwanda and the attacks on 9/11, forcing the United States and the world to grapple with new meanings and methods of war.

*Presenter:     **Fred Johnson III** is an Associate Professor of History at Hope College. Prior to his career in higher education, he served in the United States Marine Corps as a Communications-Electronics Officer and as an Infantry Officer in the Marine Reserves. A graduate of Bowie State College (now University) in Bowie, Maryland, he earned MA and PhD degrees at Kent State University in Ohio. His primary field of study is 19<sup>th</sup>-century U.S. history, especially the Civil War. His other areas of expertise are 20<sup>th</sup>-century U.S. history, U.S. military history, and African history.*

Date: Wednesdays, March 6, 13, 20, 27, April 3, 10  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$25.00  
Coordinator: Gary Scholten and Mike Economos

## THE MANY VARIETIES OF BELIEF

HASP members in the last few years have had the opportunity to learn about some of the Abrahamic religions: Islam in 2016, Judaism in 2017, and this past summer, the Orthodox tradition. This series of presentations will enable HASP members to understand more about other faith traditions that are practiced in Western Michigan.

- March 7:** Hinduism is presented by Fred Stella.  
**March 14:** The Baha'i faith is presented by Robert Hamilton.  
**March 21:** Witchcraft is presented by Holly Stafford.  
**March 28:** Secular Humanism is presented by Patricia Riley.  
**April 4:** Native American beliefs are presented by Beatrice Jackson.  
**April 11:** Buddhism is presented by Larry Hales.

*Presenters: **Fred Stella** is the Pracharak of the West Michigan Temple. He has devoted himself to the study and practice of Hinduism since his early teens. He has lectured and organized tours of temples and ashrams throughout the United States and India. He is also the President of The Interfaith Dialogue Association, which hosts weekly programs on religion and spirituality in the Grand Rapids area.*

***Robert Hamilton** is a private practice attorney having served 30 years, mostly as a criminal defense attorney. He has recently been appointed as the first-ever public defender for Ottawa County. Non-religious for most of his life, he had an experience of spiritual transformation in 2005 while on pilgrimage to the Baha'i religious center in Israel. He is one of the primary leaders of the Baha'i community in Holland.*

***Holly Stafford's** profile will be provided at a later date.*

***Patricia Lynn Riley**, is a graduate of Princeton Theological Seminary and has written extensively about the experience of women in patriarchal religions and societies. Patricia is committed to a mindfulness-centered life and designs secular mindfulness resources. Locally, she is a founding member of Holland Openly Secular Alliance, which supports, inspires, and advocates for non-religious families, students, employees, and neighbors here in Holland.*

***Beatrice Jackson** (menasekwe) traces her roots to the lower Nicola Band in British Columbia. She has been a lifelong teacher / healer in Native American communities in Michigan, most recently working with the Sault Saint Marie Tribe and the Saginaw Chippewa Tribe. She is a grandmother in The Three Fires Midewewin Grand Medicine Society and a traditional Sundance Pipe Carrier.*

*Larry Hales has served as a photographer, archivist, educator, and business consultant, specializing in the Asian Pacific region for many years. He has been a devoted practitioner of Buddhist contemplation and seeks a unifying, contemplative practice from all faith traditions.*

Date: Thursdays, March 7, 14, 21, 28, April 4, 11

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$25.00

Coordinator: David Brower

## A BRIEF HISTORY OF CHRISTIAN DISPUTES OVER MARRIAGE

Marriage was never a subject without dispute. The developing Christian church gave new shape to ancient disputes they inherited from Greek, Roman, and early Christian “fathers.” Disputes included differing views of the body, the superiority of marriage or chastity, the headship of husbands over wives, the rights of parents or church to forbid a marriage, the concept of “true love” in romance, the status of widows, the appropriateness of interracial marriage, interfaith marriage, and divorce, and finally, the meaning of vows.

**March 11:** Marriage disputes from the time of Christ to 1600. Read Diarmaid MacCulloch’s *The Reformation: A History*, chapters 15 and 16.

**March 18:** Marriage disputes 1600 to 1900. Read MacCulloch’s *The Reformation: A History*, chapter 17.

**March 25:** Marriage disputes 1900 to the present. Read the two handouts distributed in session 1.

Diarmaid MacCulloch’s *The Reformation: A History*, is available with HASP member 20% discount from Reader’s World, or it can be obtained from your favorite book provider.

*Presenter: HASP member **Linda Walvoord de Velder** earned a BA from Hope College and did a doctoral dissertation in English at the University of Chicago in nineteenth-century studies of Frederick Douglass.*

Date: Monday, March 11, 18, 25

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$15.00

Coordinator: David Brower

DIRECTING CHEKHOV'S *THE SEAGULL*:  
HOW THE PROCESS DEVELOPS AND EVOLVES

How did the Hope College Theatre Department's production team develop an approach and a visual/aural landscape for its production of *The Seagull*? What acting opportunities and challenges does Chekhov's dense and nuanced playwriting offer a young, undergraduate cast? The class will explore these and other questions regarding producing one of the masterpieces of modern drama.

**Presenter:** *Daina Robins has been a faculty member of the Hope College Theatre Department since 1991 and department chair since 1997. She holds a BA from Minnesota State University Moorhead, and a MA and PhD from Tufts University, Medford/Somerville, Massachusetts. She teaches acting, directing, theatre history, and dramatic literature, and directs for the academic season. Some of her recent productions have included The Tempest, Jane Eyre, and The Glass Menagerie. She has also spent several seasons with the Hope Summer Repertory Theatre.*

Date: Wednesday, March 13  
Time: 9:30-11:00 a.m.  
Place: DeWitt Theater  
Cost: \$5.00  
Coordinator: Al Ver Schure

THE ART OF HIGH RENAISSANCE ITALY

We will examine late 15th-century and early 16th-century Italian sculpture and painting. Special attention will be given to artistic competition and cultivation of artistic genius. Each week we will study the work of a well-known artist to foster a better understanding of the ways in which Italian artists and viewers thought about the world and themselves.

**March 13:** Leonardo da Vinci  
**March 27:** Raphael  
**April 3:** Michelangelo

*(Please note this course will take a one week break between the first 2 sessions as the presenter will be traveling.)*

**Presenter:** *Henry Luttkhuizen is Professor of Art History at Calvin College, his alma mater, where he has taught for several years. He received his PhD from the University of Virginia, Charlottesville. He has presented many lectures at various venues around the world and is working on a book dealing with religious sculpture. He recently curated an exhibition, Stirring the World: Printmaking in the Age of Martin Luther, at the Center Art Gallery on Calvin's campus.*

Date: Wednesdays, March 13, 27, April 3  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$15.00  
Coordinator: Marty Evert

### SEXUAL ASSAULT: UNDERSTANDING RAPE CULTURE AND DELAYED DISCLOSURE

This course is designed to help us understand and discuss the dynamics of sexual assault, how the brain processes traumatic events, and the myths and realities of sexual assault. We will gain knowledge about just-world hypotheses, and the experience of shame and guilt when traumatic events happen.

*Presenter: **Megan Hennessey** serves as the Clinical Services Supervisor at the Center for Women in Transition and has over six years of experience providing trauma-informed therapy to survivors of sexual assault. She graduated with a BS in psychology and an MSW from Grand Valley State University, Allendale.*

***Lesley Coghill** serves as the Prevention and Systems Change Manager at the Center for Women in Transition and has over 15 years of experience providing educational training and community programs on domestic and sexual violence prevention. She graduated with a BS in social work from Hope College and an MSW from Grand Valley State University, Allendale.*

Date: Monday, March 18  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Lyne Burkey

### OTTAWA COUNTY GROUND WATER

Over the last decade, Ottawa County residents and businesses have experienced issues related to groundwater, including reports of diminishing capacity and the presence of elevated levels of sodium chloride in some water wells. Michigan State University (MSU) was hired to conduct a comprehensive groundwater study for Ottawa County. This study found that water levels in the deep bedrock aquifer system have been gradually declining over the last 20 years and, in certain areas of the county, sodium chloride levels in the bedrock aquifer are rising above recommended standards for drinking water and agricultural irrigation. Now that MSU's comprehensive groundwater study is complete, Ottawa County is in the process of developing a Comprehensive Groundwater Management Plan to help guide communities, residents, and businesses in sustaining our groundwater. This presentation will discuss the study results and the corrective plan.

*Presenter: Paul Sachs is Director of Planning and Performance Improvement for Ottawa County. He received his BS in Earth Science from Western Michigan University. Paul previously worked as a researcher for the Federal Highway Administration's Research and Technology Center in McLean, Virginia, and as a planning analyst for Michael Baker Engineering under contract with the Federal Emergency Management Agency in Washington, D.C.*

Date: Thursday, March 28  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Alan Gibson

### LOVE LETTERS OF ABRAHAM LINCOLN: PART II

After his courtship with Mary Owens ended in 1837, Abraham Lincoln made a joking prediction that he would never marry, but by 1839 he was seeing Mary Todd.

**April 8:** We will review his letter of August 16, 1837, written to Mary Owens; and then consider his mocking letter of April 1, 1838, written to Mrs. Orville Browning.

**April 15:** We will consider letters he wrote reflecting on courtship and marriage, and letters he wrote to Mary Todd Lincoln during their marriage.

It is not necessary to have attended the prior class, held in fall 2018, to enjoy this course.

*Presenter: HASP member Linda Walvoord de Velder earned a BA from Hope College and completed her doctoral dissertation in English at the University of Chicago in nineteenth-century studies of Frederick Douglass, with focus on his twentieth-century portrayal in books for children. Lincoln's life intersected with Douglass's life and gave Linda a lasting interest.*

Date: Mondays, April 8, 15  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$10.00  
Coordinator: Diana Nelson

### JANE AUSTEN'S *PERSUASION*

*Persuasion*, the last of Jane Austen's six novels, was completed in 1816, and published in December 1817—five months after her death. This novel contains full measures of the witty satire and clever plotting of the earlier novels but breaks significant new ground in its themes and techniques.

William Reynolds and Peter Schakel will lead discussions on topics such as Austen’s use of humor, possible autobiographical interpretation, plot structure, story-telling methods, themes such as “persuasion,” the thematic importance of the principal settings for the novel’s action, and the description of *Persuasion* as Austen’s most passionate novel.

**April 9:** Read at least Part I (Chapters 1-12) of *Persuasion* before the first meeting of the class.

**April 16:** Read the rest of the novel.

Presenters will be using the Norton Critical Edition of *Persuasion*, which is available from many sources, including Amazon and Barnes & Noble. Other (and less expensive) versions would be fine alternatives for class participants.

*Presenters:* HASP members **William Reynolds** and **Peter Schakel** are emeriti members of the Hope College Department of English. They have team-taught more than twenty Hope courses, including four on Jane Austen. While their graduate school and teaching specialties differ, they find common ground in their mutual admiration of Austen.

Date: Tuesdays, April 9, 16

**Maximum: 20**

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$10.00

Coordinator: Judy Parr

### HOMER’S *ILIAD*, AN EPIC OF WRATH AND WAR

Homer’s *Iliad*, written about 800 BCE, traces the tragic wrath of Greek warrior Achilles against his leader Agamemnon—wrath caused by a conflict over a woman with disastrous consequences to the people of Troy. We will consider the humanity that these people share with us, and the effects of wrath and war on our common humanity.

**April 10:** Introduction: Heinrich Schliemann’s excavations at Troy

**April 17:** Books 1 through 8: The argument between Achilles and Agamemnon and more

**April 24:** Books 9 through 17: Agamemnon’s apology refused and more

**May 1:** Books 18 through 24: Reconciliation and remorse

To make discussion easier, please read the *Iliad* paperback translation by Stanley Lombardo, published by Hackett Publishing in 1997 (not *The Essential Iliad*, which is an abridged version). It can be purchased from your favorite online book provider.

*Presenters:* HASP member **Lorelle Eberly** received a BA in Communications from Manchester College, North Manchester, Indiana, and an MS in English Education from St. Francis University, Loretto, Pennsylvania.

HASP member **Judy Parr** received a BA from Hope College and MA and PhD degrees from Ohio State University. Interested in literature and the history of ideas, she has taught HASP classes on a variety of literary works.

Date: Wednesdays, April 10, 17, 24, May 1  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$20.00  
Coordinator: Sue Bohlander

**Maximum: 50**

### THE STORY BEHIND DUTCH COSTUMES

The Netherlands is divided into 12 provinces, eight of which are represented in costume by the Holland Tulip Time dancers. Have you ever wondered how the costumes are made and what they cost? Each one of the dancer's costumes is handmade to fit that individual. Authentic fabrics, wooden shoes, and, in some cases, specially-crafted hats or other accessories must be purchased. The presentation will include interesting stories and Dutch folklore, as well as the historical traditions behind the costumes.

*Presenter: **Wendy Branderhorst** is a longtime Tulip Time Dutch Dance Alumni Costume Director, as well as a very talented seamstress. For many years she has been instrumental in researching the traditional dress of each Dutch province that inspires the costumes worn by the Tulip Time Dutch dancers. She has been involved in the annual Holland Dutch Heritage Show that highlights the popular dancers and their costumes.*

Date: Thursday, April 11  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Sharon Tabaka and Pat Groszko

### PHISHING COMPUTER SECURITY

Recently the FBI issued a public alert about an increase in phishing attacks targeting employees in education. Phishing is the fraudulent practice of sending emails purporting to be from reputable companies in order to induce individuals to reveal personal information, such as passwords and credit card numbers. Often the criminals attempt to capture the login credentials of individuals with a goal of redirecting payroll funds. In January 2018, Hope College was specifically targeted by such an attack. In recent years employee-focused phishing has become the most common tool for cybercriminals. Individual awareness and detection of these attempts is a critical component in fighting them.

To better equip Hope employees to identify these malicious efforts, the office of Computer and Information Technology (CIT) prepared a "Phishing Information & Training" session. They used real examples from Hope College accounts to show how these attacks evolved, how Hope employees were being targeted, and provided tips on how to protect from further attacks. This course is an adaptation of that presentation for a general audience.

*Presenter:* **Jeff Pestun** has a BS from Hope College in Computer Science. Employed by Hope College since 1998, he is the Director of CIT.

Date: Friday, April 12  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Gordon Stegink

THE HOPEFUL REVOLUTION:  
HOW THE WORLD IS GETTING BETTER QUICKLY – AND WHY YOU DON'T KNOW  
IT

This class is inspired by the life and work of Hans Rosling. Gary Morris will draw from Rosling's book, *Factfulness: Ten Reasons We're Wrong About the World—and Why Things Are Better Than You Think*. This class will discover the ten biggest misconceptions about our world, the reasons why these misconceptions arise, and the heartening news about the revolutionary positive changes that have occurred in our lifetime.

He will also draw from the website [dollarstreet.org](http://dollarstreet.org), recent progress against diseases (WHO), Pietra Rivoli's revelations about the developmental impacts of globalization, and various documents about the world-wide impacts of infrastructure developments pioneered by American philanthropists.

**Presenter:** *HASP member Gary Morris has a BA in Economics and a PhD in Artificial Intelligence. He has been a student of the economic impacts of technology for many years.*

Date: Monday, April 15  
Time: 1:00-2:30 p.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Thom Coney

THE EVOLUTION OF OPERA – EVERYTHING YOU ALWAYS WANTED TO KNOW  
BUT...

Opera, as we know it, developed over many centuries, and the stages in its evolution are fascinating. Holland Chorale Artistic Director Patrick Coyle will take us on a musical journey through time.

**April 17:** It's All Greek to Me (the 16<sup>th</sup> and 17<sup>th</sup> centuries); If It's Not Baroque... (the 18<sup>th</sup> century)  
**May 1:** Amadeus Changes Everything (the 19<sup>th</sup> century)  
**May 15:** Bigger, Louder, Longer (the Romantic Era and present day)

*(Please note this course will take a one week break between sessions due to presenter availability and Tulip Time.)*

*Presenter: **Patrick Coyle** is Artistic Director of the Holland Chorale and Minister of Music at Park Church in Grand Rapids. He has served as Chorus Master of Opera Grand Rapids and has had a distinguished career conducting hundreds of choral and orchestral performances nationally and around the world. He received his DMA from the University of Cincinnati College-Conservatory of Music and holds degrees from Furman University, Greenville, South Carolina, Converse College, Spartanburg, South Carolina, and Emory University, Atlanta, Georgia.*

Date: Wednesdays, April 17, May 1, 15

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$15.00

Coordinator: Doug Walvoord

#### CAPITALS AND CAPITOLS: THE HISTORY OF MICHIGAN'S TWO CAPITAL CITIES AND THREE CAPITOL BUILDINGS

**April 18:** The Michigan Capital's Odyssey from Detroit to Lansing:

The history of the politics and battles behind the moving of the capital, and the process and challenges of constructing each of our three buildings will be covered, as told by the men and women who participated in these projects.

**April 25:** The Michigan State Capitol:

The story of the ongoing evolution of the current 139-year-old Capitol building, its evolving use, its award-winning 1987-1992 restoration, and its recent exterior renewal and infrastructure upgrade will be detailed.

*Presenter: **Valerie Marvin** serves as the Historian and Curator at the Michigan State Capitol, a National Historic Landmark. She oversees the Capitol's historical collections and conducts extensive research on Capitol and legislative history, sharing her findings through publications, lectures, and social media. She has a BA in Russian and Eastern European Studies from the University of Michigan and an MS in Historic Preservation from Eastern Michigan University, Ypsilanti.*

Date: Thursdays, April 18, 25

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$10.00

Coordinator: Mike Economos

## THE HISTORY OF THE WEST MICHIGAN PIKE

The West Michigan Lakeshore Highway Association was founded in 1911 to promote a continuous, improved roadway that would bring auto-tourism from the Chicago area to support the new resort industry that grew up when logging ended in the region. Completed in six years (1916-1922), the West Michigan Pike extended from the Indiana state line to the Straits of Mackinac. This course will detail the West Michigan Pike's development, covering the names and numbering of the highways that became part of the Pike, along with photos and a history of the resorts served by growing auto-tourism invited by the new road. Emphasis will be on the Pike from the Indiana state line to Holland.

*Presenter: **John S. Geisler** is a retired professor from the Department of Counselor Education and Counseling Psychology at Western Michigan University, Kalamazoo, Michigan. Before that, he taught at Central Michigan University, Mount Pleasant. He earned his BA from Adrian College and his MA and PhD from the University of Toledo. For the past 16 years, he has traveled more than 5,000 miles to learn the history of the West Michigan Pike.*

Date: Thursday, April 18

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$5.00

Coordinator: Brad Bright

## THE STORY OF JAPANESE INTERNMENT DURING WORLD WAR II

Japanese-American internment happened during World War II when the United States government forced about 110,000 Japanese Americans to leave their homes and live in internment camps. These were like prisons. Why, where, and how did this happen?

This presentation will explore these questions.

*Presenter: HASP member **Larry Lynn** is currently President of HASP and former multi-unit franchise owner of International House of Pancakes in Michigan and Indiana. He has a BS in Business Administration from Aquinas College, Grand Rapids, and an MA in American History from Western Michigan University, Kalamazoo.*

Date: Monday, April 22

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$5.00

Coordinator: Mike Economos

## HUMBLE, HISTORIC HOLLAND HOUSES

The homes we will study as examples of the rising middle class in Holland, after the disastrous fire of 1871, are all humble, an in or near the downtown historic district. Amy Alderink's

presentation of recent restorations of multiple homes will include projects prepared under Homecor's mission and vision, as well as homes restored for homeowners. Intended for the modest buyer, each of the finished homes adds value and charm to the precious stock of historic homes in the city itself.

**April 22:** Members will learn about design challenges and opportunities encountered when renovating Holland's historic homes for today's buyer

**April 29:** Member will discover the practical considerations for historic renovations in Holland's multiple districts. Many examples of treasures vs. trash in both artifacts found and design features uncovered will be explored.

Details about an optional tour of several homes as a separate event will be given out on the first day of class.

*Presenter: Amy Alderink, who received her BA from Calvin College, has ten years of experience in Holland in overseeing home building in all phases. She is Executive Director for Homecor, a nonprofit agency that selects homes in the more run-down areas, and makes these homes into neighborhood showpieces.*

Date: Mondays, April 22, 29

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$10.00

Coordinator: Linda Walvoord

## HOW TO CONDUCT A SYMPHONY ORCHESTRA (or CONDUCTING 101)

Have you ever wondered what's involved in conducting a symphony orchestra? Have you ever seen the score of a major orchestral work? Well, your chance has come. Johannes Müller Stosch, Music Director and Conductor of the Holland Symphony Orchestra (HSO), will explain the basics of orchestral conducting for Beethoven's *Triple Concerto*, including the aspects of preparation and score reading, as we listen and follow the projected score on a screen. You'll be amazed at the complexity of putting all the instrumental parts together in order to create this beautiful work. This piece and other major works will be performed at the HSO Classics III concert, April 27, 2019.

*Presenter: Johannes Müller Stosch serves as Director of the Bob Cole Conservatory and oversees the Orchestra Studies Division at California State University, Long Beach. He holds a DMA in conducting from the Eastman School of Music, Rochester, New York, and two Master of Music degrees in organ performance and orchestral conducting from the University of Cincinnati College-Conservatory of Music. He is in his eleventh year as conductor of the Holland Symphony Orchestra.*

Date: Friday, April 26  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Doug Walvoord

### SMART HOME TECHNOLOGY – THE FUNDAMENTALS OF CONNECTING YOUR HOME

A smart home puts technology to use for added convenience and safety for families. Join us to learn about how smart-home technologies work and how you can utilize them in your home. Our presenters will demonstrate and discuss the use of such technologies as smart thermostats, voice- controlled lighting, home security, and smart appliances. We will explore not only the opportunities, but also the risks involved with smart-home technology by discussing security issues around these systems.

*Presenters: **Pete Hoffswell** received a BS from Curtin University of Technology in Australia, and a BA from Southern Illinois University, Carbondale. He has since been employed as a network engineer for ITS Communications, a network manager for Davenport University, and an independent consultant for FiveNets. He is the broadband services manager for the Holland Board of Public Works.*

***Ken Freestone** received a BA in Leadership from Grand Valley State University. He has served as a Holland City Council member and was the Executive Director of the Macatawa Greenway Partnership. He is the Residential Energy Advisor for the City of Holland.*

Date: Monday, April 29  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Richard Swanson

### GEOGRAPHY OF AUSTRALIA

Jerry Van Wyngarden's presentation of the geography of Australia will include discussion of the Outback, Uluru (Ayers Rock), Aborigines, the Sydney Opera House, climate, and the effect of tectonics.

*Presenter: HASP member **Jerry Van Wyngarden** has an MA in Geography from the University of Minnesota, an MA in Education from the University of Michigan, and an Administration Specialist from Michigan State University. He has been a K-12 teacher, a Superintendent of Hamilton Community Schools, and a part-time Geography Instructor at Hope College, Muskegon Community College, Davenport University, Calvin College, and Grand Valley State University.*

Date: Tuesday, April 30  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Terri Holden

WIND BLOWS, SAND MOVES, PLANTS ADJUST:  
AN OVERVIEW OF LAKE MICHIGAN COASTAL DUNES

Designed as an introduction to our scientific understanding of coastal dunes, with an emphasis on insights from recent research, this course will cover the basic dynamics of sand movement by wind, the formation and movement of dunes, the geologic history of Lake Michigan dunes, the development of plant communities on dunes, and lessons for coastal dune management drawn from recent research. It will be illustrated with examples from the work of the Hope College dune research group.

*Presenter: **Ed Hansen** has a BS in Geology from the University of Cincinnati and a PhD in Geophysical Sciences from the University of Chicago. He has taught in the Geology Department at Hope College since 1984. He began working on Great Lakes coastal dunes in 1999 and is the author of 15 published papers and editor of two volumes on that subject.*

Date: Thursday, May 2  
Time: 9:30-11:00 a.m.  
Place: HASP classroom  
Cost: \$5.00  
Coordinator: Brad Klow

THE MUSKEGON MUSEUM OF ART-  
A CULTURAL FORCE IN WEST MICHIGAN

Senior Curator Art Martin will present a lecture on the history of the Muskegon Museum of Art, including highlights from its past and its recent growth and development. Attendees will also tour the museum galleries in docent-led small groups and will have the opportunity to view two new exhibits: *Replay*, which was developed by Lego artist Nathan Sawaya; and The Bennett Prize, an MMA-developed exhibition featuring contemporary figurative realism by women artists in cooperation with the Pittsburgh Foundation and sponsors Steven Bennett and Elaine Schmidt.

All participants will travel by bus to the MMA. There will be considerable walking during the museum tour.

*Presenter: **Art Martin** is the Director of Collections and Exhibitions/Senior Curator at the Muskegon Museum of Art. A practicing artist, he holds a BFA in painting and drawing from Drake University, Des Moines, Iowa, and a MFA in painting from Wichita State University.*

Date: Tuesday, May 14

**Maximum: 55**

Time: 9:00 a.m. departure from Ray and Sue Smith stadium parking lot, 1:00 p.m. (approximate return time)

Place: Muskegon Museum of Art

Cost: \$20.00 (includes bus and museum admission fee)

Coordinator: Al Ver Schure

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## HASP MONTHLY COURSES

### BOOKS AND WRITERS

Selections for this course are suggested by participants, who then facilitate the discussion. While most books are fiction, we venture into memoir and autobiography as interests indicate.

Books are offered at a 20 % discount at Reader's World, or they can be obtained from your favorite book provider.

**February 12:** **Richard Russo, *Nobody's Fool*** (1966): Donald Sullivan disappears to North Bath, NY, to escape life. But who can escape in small town America? At 60, Donald Sullivan is divorced, carrying on with another man's wife, estranged from his son, and unemployable, all of which he confuses with independence.  
Discussion leader: George Ward

**March 12:** **Min Jim Lee, *Pachinko*** (2017) chronicles four generations of an ethnic Korean family—first in Japanese-occupied Korea in the early 20th century, then in Japan itself from the years before World War II, to the late 1980s. Lee's second novel explores central concerns of identity, homeland, and belonging.  
Discussion leader: Sue Bohlander

**April 9:** **Toni Morrison, *A Mercy*** (2008) reveals what lies below the surface of slavery in early America. It is both the story of mothers and daughters and the story of primitive America. Chosen as one of the Ten Best Books of 2008 by the *New York Times*, it is Toni Morrison's ninth novel.  
Discussion leader: TBD

Date: Tuesdays, Feb. 12, March 12, April 9

**Maximum: 25**

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$15.00

Coordinator: Sue Bohlander

## NON-FICTION BOOKS

Participants choose current non-fiction books of interest, and take turns leading the lively discussions.

**February 19:** Jon Meacham, *The Soul of America: The Battle for Our Better Angels*

By chronicling the nation's struggles from revolutionary times to current day, Meacham makes the resonant argument that America has faced division before, and not only survived, but thrived. Meacham believes that Americans embrace their better angels, a reminder that the country has a history of returning to its core values of freedom and equality after enduring periods of distraction and turmoil.

Discussion Leader: George Ward

**March 19:** Steven Brill, *Tailspin*

Covering the years 1967 to 2017, Steven Brill shows us how America's core values—meritocracy, innovation, due process, free speech, and even democracy itself—have somehow managed to decline into dysfunction. By examining the people and forces behind the rise of big-money lobbying, legal and financial engineering, the demise of private-sector unions, and a hamstrung bureaucracy, Brill answers the question, “How did we end up this way?” Finally, he introduces us to those working quietly and effectively to repair the damage. *Tailspin* is a work of riveting journalism--and a welcome antidote to political despair.

Discussion Leader: Norma Killilea

**April 16:** Neil DeGrasse Tyson, *Astrophysics for People in a Hurry*

A guide to such eternal questions as, “How do we fit within the universe? How does the universe fit within us? What is the nature of space and time?”, Tyson's book presents a meaningful introduction to all the major ideas and discoveries that drive our modern understanding of the universe.

Discussion Leader: Don Triezenberg

**May 14:** David W. Blight, *Frederick Douglass: Prophet of Freedom*

Adam Gopnik, in his review for the *New Yorker* says: “Blight has certainly written, in the book's texture and density and narrative flow...a great American biography. Frederick Douglass, who has been called the greatest American of the nineteenth century, grew up as a slave named Frederick Bailey, and the story of how he named himself in freedom shows how complicated his life, and his world, always were. No one was a more critical reader of the Constitution, or a more compelling advocate of its virtues.

Discussion Leader: Larry Lynn

Date: Tuesdays, Feb. 19, March 19, April 16, May 14

**Maximum: 25**

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$20.00

Coordinator: Diana Nelson

## WHAT'S NEW IN SCIENCE

### January 22: When Science and Politics Clash

Science improves the well-being of humankind. To do so, scientific research and its application—technology—are costly and require public support. This public support is often driven by politics. Thus, there's a strong connection between political support and the furtherance of scientific discoveries and applications. Unfortunately, much to the detriment of humankind's well-being, politics sometimes clashes with science. This presentation will illustrate how a specific, seemingly insignificant political decision, has had an unintentional, though major, impact on humans that has lasted half a century and continues to do so. The resultant impact upon American society has contributed to environmental degradation, pollution, significant loss of life, wasted public and personal funding, and eroded American prestige. The presenter will also present a possible solution.

*Presenter:* Hasp member **Paul Heusinkveld** is a graduate of Hope College. He served in the U.S. Navy, and in the U.S. Department of State from 1984-2016. He is an inventor, author, and currently a visiting scholar at the Van Raalte Institute.

### February 26 and March 26: 2018 Nobel Prizes: Physics, Economic Sciences, Chemistry and Physiology or Medicine

**February 26:** **Stephen Remillard** will discuss the biographies and discoveries of the winners of the Nobel Prize for Physics. The 2018 Nobel Prize in Physics was awarded “for groundbreaking inventions in the field of laser physics” with one-half to Arthur Ashkin “for the optical tweezers and their application to biological systems,” and the other half jointly to Gérard Mourou and Donna Strickland “for their method of generating high-intensity, ultra-short optical pulses,”

**Stephen Smith** will discuss the biographies and discoveries of the winners of the Prize for Economic Sciences. The 2018 Prize in Economic Sciences was awarded to William D. Nordhaus "for integrating climate change into long-run macroeconomic analysis," and to Paul M. Romer "for integrating technological innovations into long-run macroeconomic analysis.”

*Presenters:* **Stephen Remillard** received a BS in physics from Calvin College in 1988, and an MS and PhD in physics from The College of William and Mary, Williamsburg, VA. Having taught at GVSU and Calvin College before coming to Hope College, he is currently the Chair of the Hope College Physics Department.

**Stephen Smith** received an AB in economics and religion from Williams College, Williamstown, MA, and a PhD in economics from Stanford University. He is a Professor of Economics at Hope College

**March 26:** **Mike Pikaart** will discuss the biographies and discoveries of the winners of the Nobel Prize for Chemistry. The 2018 Nobel Prize in Chemistry was awarded with one-half to Frances H. Arnold "for the directed evolution of enzymes," and the

other half jointly to George P. Smith and Sir Gregory P. Winter "for the phage display of peptides and antibodies."

**Richard Swanson** will discuss the biographies and discoveries of the winners of the Nobel Prize for Physiology or Medicine. The 2018 Nobel Prize in Physiology or Medicine was awarded to James P. Allison and Tasuku Honjo "for their discovery of cancer therapy by inhibition of negative immune regulation."

*Presenters: **Mike Pikaart** received a BS in chemistry from Calvin College and a PhD in biological chemistry from the University of Michigan. He is an Associate Professor of Chemistry at Hope College.*

***Dr. Richard Swanson** is a retired rheumatologist. He received an MS degree in Philosophy from the University of San Francisco and an MD from the Medical School at Creighton University in Omaha, Nebraska. He did his post-graduate work at the U.S. Naval Regional Medical Center in Portsmouth, VA, and practiced for 33 years. He was a Clinical Professor of Medicine at Indiana University for 15 years, and taught at the University of Illinois and the Homer Stryker Western Michigan University School of Medicine.*

#### **April 23: Use of CRISPR and Cas9 Technology**

The prokaryotic (bacterial) Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)/CRISPR-associated system 9 (Cas9) may be re-purposed for site-specific eukaryotic genome engineering. CRISPR/Cas9 is an inexpensive, facile, and efficient genome-editing tool that allows genetic perturbation of genes and genetic elements. Recent advances in genome-engineering technology have allowed for unprecedented opportunities for site-specific modification of the genome. This technology may be utilized to investigate the function of genes and regulatory elements via prospective genetic perturbation. It is now used to delete or replace faulty genes at the cellular level.

*Presenters: **Maria A. Burnatowska-Hledin** received her BS in Biochemistry and her MS and PhD in Physiology from McGill University, Montreal. Her career is as follows: Instructor, Departments of Medicine and Physiology, Michigan State University; Instructor, Department of Physiology, MSU; Assistant Professor, Department of Physiology, MSU; Associate Professor, Departments of Biology and Chemistry, Hope College; Professor, Departments of Biology and Chemistry, Hope College.*

***Sarah Bonem** and **Joel Karsten** are Hope College students.*

Date: Tuesdays, Jan. 22, Feb. 26, March 26, April 23

Time: 9:30-11:00 a.m.

Place: HASP classroom

Cost: \$20.00

Coordinator: Bob Krueger, Alan Gibson,

## COMPUTER EXPERIENCES

Computer technological advances continue to occur at lightning speed. This course looks at changes in and optimizing use of computer options and handheld devices. Computer and device users with a wide range of expertise are encouraged, by e-mail in advance of each class, to identify issues with their computers or devices they would like to share or for which they are seeking better use. An informal discussion format is used to share class participant knowledge. Presentations of particular interest to members may be planned. Each session addresses the following areas:

1. Participants share any problems regarding using or selecting new software, hardware, or handheld devices. Any operational difficulties and possible solutions will be discussed.
2. Presentations of new or old uses, applications, or techniques members find helpful are given.
3. Reviews of new advances that have been reported in the media are presented.

Date: Tuesdays, Jan. 22, Feb. 26, March 26, April 23

Time: 1:00-2:30 p.m.

Place: HASP classroom

Cost: \$20.00

Coordinator: Thom Coney