



ALBION AREA LIFELONG LEARNERS

An Institute for Learning in Retirement Sponsored by Albion College

Greetings!

Dear Friends,

The Curriculum Committee has assembled another terrific slate of classes to choose from for the spring session. Or, don't choose—take them all! On-site registration will take place prior to the Assembly on April 4 (or by mail) as usual.

The Annual Membership Meeting will follow the Assembly presentation. We will be electing (or re-electing) four board positions and discussing proposed changes to the AALL by-laws. You'll receive a draft of the changes to review before the meeting.

I am pleased to announce that Albion's own Dr. James Curtis has agreed to be featured at the Fall Assembly on September 5. Dr. Curtis served as Director of Harlem Hospital's Department of Psychiatry and Clinical Professor of Psychiatry at the Columbia University College of Physicians and Surgeons. He will be discussing his life-long advocacy for social change and his recent book, *Memoirs of a Black Psychiatrist*.

Royal Ward
President, AALL

Upcoming Events

Spring Assembly – April 4, 2019

Starry Eyes for Chile Skies

Nicolle Zellner, Ph.D.
Professor of Physics, Albion College



Due to its unique location on the path of the Humboldt Current, Chile has some of the world's best skies and provides spectacular views on ~320 clear nights per year. Thus, as a result of international funding and collaborations, Chile is rapidly becoming the astronomical capital of the world: by the late 2020s, it will be home to four (of the five) next-generation telescopes.

In June 2018, a team of nine individuals—eight from the United States and one from Chile—embarked on a ten-day expedition for behind-the-scenes visits to key astronomy research sites in Chile as part of the prestigious NSF-funded Astronomy in Chile Educator Ambassadors Program (ACEAP). In a talk that will make you ask, “Why

Chile?” and “How can I get there?”, Nicolle Zellner will share with you her experiences in ACEAP and show you some of her “good” and her teammates’ “great” astro-photographs of the southern sky.

Nicolle Zellner, Ph.D. is professor of physics at Albion College where she teaches introductory and advanced astronomy and physics courses. Nicolle's research focuses on understanding the impact history of the Earth-Moon system and how those impacts affected the conditions for life on Earth. She studies lunar impact glasses to interpret the bombardment history of the Moon (and Earth), and a second project focuses on understanding how the

chemistry of simple molecules is affected by impacts. She has more than 45 scientific publications to her name, 90 conference presentations and publications, and over 100 community outreach activities.

During the 2006–2007 field season, she was a member of the ANSMET team that searched for meteorites in Antarctica. She spent two months there, and she and the team collected over 800 meteorites. Before joining the Albion faculty in 2005, she was distinguished as a member of NASA's 1995 Astro-2 mission ground crew, and most recently she was named Phi Beta Kappa Scholar of the Year (2017) and Arthur Anderson Teacher of the Year (2018) at Albion College.

Tennant Hall - First United Methodist Church

600 E. Michigan Ave

Upcoming Courses

A Brief History of Jazz

James Ball, D.M.A.

Professor of Music, Albion College.

Wednesdays, May 8, 15, 22, 29; 10 a.m. - 12 p.m.

Goodrich 145, Goodrich Chapel, Albion College

This course will discuss the primary periods and styles of jazz from its origins through the 1960s and beyond (time permitting). We'll discuss jazz influences and ethnic social ramifications from the African American church, through Black Face Minstrelsy, to New Orleans, Chicago, New York and the world, listening to and viewing early through contemporary audio and video jazz recordings. The careers and music of jazz greats including Louis Armstrong, Duke Ellington, Count Basie, Charlie Parker, Dizzy Gillespie, Miles Davis, and John Coltrane will be covered.

Sit back (but not too far), tap your toes, stomp your feet, clap your hands (but not too much when I am lecturing and you are discussing). Take in the rhythms and feel the pulse. Think about the sites, sights, and sounds of jazz.

Influencers and Game Changers: Biographical Documentaries at The Bohm

Nancy Doyal

Executive Director, Bohm Theatre.

Thursdays, May 9, 16, 23, 30; 2 p.m. – 4 p.m.

Bohm Theatre

201 S. Superior St.

RBG (2018) 1 hr 38 min

The exceptional life and career of U.S. Supreme Court Justice Ruth Bader Ginsburg, who has developed a breathtaking legal legacy while becoming an unexpected pop culture icon.

Dir. Julie Cohen, Betsy West

Available: Amazon Prime

Jane (2016) 1 hr 30 min

Using a trove of never-before-seen footage, the film tells the story of Jane's early explorations and research in Tanzania, focusing on her groundbreaking field work, her relationship with her cameraman and husband Hugo Van Lawick, and the chimpanzees that were the subject of her study.

Dir. Brett Morgan

Available: Amazon Prime

Maya Angelou: And Still I Rise (2016) 1 hr 54 min

The first feature documentary about the remarkable writer, poet, actress, activist Maya Angelou.

Dir. Available: Netflix

Bombshell: The Hedy Lamarr Story (2017) 1 hr 28 min

The life and career of the hailed Hollywood movie star and underappreciated genius inventor, Hedy Lamarr.

Dir. Alexandra Dean

Available: Netflix

Alternate:

Amazing Grace (2018)

A documentary presenting Aretha Franklin with the choir at the New Bethel Baptist Church in Watts, Los Angeles in January 1972.

Dir. Sydney Pollack

Nanoscience

Kevin Metz, Ph.D.

Professor of Chemistry, Albion College

Tuesdays, May 7, 14, 21, 28; 2 p.m. – 4 p.m.

Putnam 253, Science Complex, Albion College

Nanoscience is the study of materials that have at least one dimension between 1 and 100 nanometers. A nanometer is one billionth of a meter. To put this into perspective, an average human hair is 100,000 nanometers in diameter. At this scale, nanometers often display properties far different from their bulk counterparts. For example, nanoscale gold often appears red (it can also appear blue or green). This course will begin by introducing the nanoscale, trying to put its size into perspective. We will then examine various current applications of nanotechnology, from building materials to personal care products. Then we will examine the toxicological and environmental impact of nanotechnology, as it is currently understood. The course will conclude with a look at perspective applications of nanotechnology, from technology to medicine.

Shakespeare in Performance: King Lear and the Two Gentlemen of Verona

Royal Ward, Ph.D.

Theatre History and Dramatic Criticism

Tuesdays, May 7, 14, 21, 28; 10 a.m. – 12 p.m.

Bobbitt Auditorium, Albion College

The class will examine the two Shakespeare plays to be presented by the Michigan Shakespeare Festival this summer. We will begin with *The Two Gentlemen of Verona*, an early comedy by the young and inexperienced playwright that nonetheless hints at the great romantic comedies to come. We will move on to *King Lear*, a tragedy written while Shakespeare was at the height of his powers. As different as they are, the plays are united by two of Shakespeare's most enduring themes: love and loyalty.

Through class discussion and video excerpts of productions, we will examine some of the specific challenges the plays present to actors and directors. Jan Blixt (the Artistic Director of the MSF) will join us for a discussion of the plays and the particular points of view to be taken for the summer performances (if schedules allow).

To read each play, any edition will do, but I recommend the Royal Shakespeare Company [RSC] single-volume editions published by The Modern Library—they are good texts, inexpensive, and focus on production.

Storytelling with Statistics

Paul Anderson, Ph.D., Mathematics (Time Series Analysis).
Professor of Mathematics, Albion College.

Wednesdays, May 8, 15, 22, 29; 10 a.m. – 12 p.m.

Robinson 203, Robinson Hall, Albion College

A story has a plot, some characters, and a narrative told by a storyteller. The same goes for a story based on statistics. The plot is the statistical experiment, the characters are events of interest, and these events of interest are set forth by the person who designed the experiment, the storyteller.

The discipline of Statistics is query-based, so storytelling should be easy. We design an experiment with the intent of making a discovery. There are hypotheses to be tested. There is evidence to be collected with the intent of making a discovery. There is evidence to be collected and examined in the form of statistics. Finally, there is a discovery made in light of the evidence via these computed statistics, and a conclusion is rendered in simple non-technical words for public release. Story told.

In Statistics, the same basic set of essentials is used to tell each story. These essentials include the statistical experiment, the sample space for the experiment, events, and probability. We will use our first session to make good sense of these topics. Many familiar statistical experiments will be discussed in the hopes of getting a solid understanding of what a statistic is and how it is used.

For our second session, we will discover a way to determine if any of our beloved students in introductory statistics cheat on a homework assignment that involves the tossing of a fair coin. This is going to be fun, and I owe this one to our esteemed colleague, Dr. Ron Fryxell.

Overall, I would like us to be able to perform the statistical experiment at hand, so that we can gather our own evidence and tell our own story. "Storytelling with Statistics" is not just the title of our course, it is also a way of life.

Registration Information

If you are not already a member, please join now.

AALL Registrar
P.O. Box 188
Albion, MI 49224

MEMBERSHIP FORM

Yes, I am 55 or older (spouse/partner could be younger)

(New members are always welcome. Membership renewals are due before the Fall term)

Name _____ Spouse/Partner Name _____

Address _____

City _____ Zip _____ Date _____

Phone () _____ E-mail _____

Dues: \$20 per year, per person

Spouse's E-mail _____

Course Registration Form Instructions

1. For each course for which you wish to register, place a number in the box in front of the course name: 1 for the course you most wish to take, 2 for the second course you wish to take, etc. (NOTE: If you only wish to take one course, mark it with the number 1—see instruction 3 below.
2. In the column marked FEE, indicate the appropriate cost. Your first course (each term) is free with your AALL membership; simply write FREE in the FEE column. For each additional course, the fee is \$10.
3. If you wish to indicate an alternate choice (in case one of your choices above is oversubscribed and you are not admitted to that course), mark an X in the box before your alternate choice.
4. If there are additional class fees for supplies, these fees need to be paid at the time of registration. If you are unable to attend a course for which you have registered, fees can be refunded up until the start of the course.

	Course Title	Fee
	A Brief History of Jazz	
	Influencers and Game Changers: Biographical Documentaries at The Bohm	
	Nanoscience	
	Shakespeare in Performance: King Lear and the Two Gentlemen of Verona	
	Storytelling with Statistics	

Name:	
Phone:	
Email:	

Registration Deadline: April 11

Signature: _____

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Name:	
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Signature: _____

AALL
P.O. Box 188
Albion, Michigan 49224

AALL Spring Class Announcements
Spring 2019 Newsletter

ABOUT AALL

AALL Officers

President: Royal Ward
Vice President: Bruce Nelson
Secretary: Kathleen Seidl
Treasurer: Alice Cook

Support Staff

Registrar: Mary Deardurff
Webmaster: Eric Westmoreland

PLEASE NOTE: AALL incorporated as a separate NONPROFIT organization in January 2010 under the incorporation laws of the State of Michigan. However, we have NOT yet become a TAX EXEMPT organization under the provisions of the Internal Revenue Service. Therefore, any donations and/or fees paid to AALL are NOT tax deductible. The AALL Board is currently weighing the costs and benefits of applying for tax-exempt status, but no decision has yet been reached.