



Albion Area Lifelong Learners

Fall 2016 Newsletter

AlbionAALL.org



Participating Member

ROAD SCHOLAR
Adventures in Life Long Learning



Albion College

2016 AALL FALL ASSEMBLY

Speaker: Dr. Robert H. Bartlett

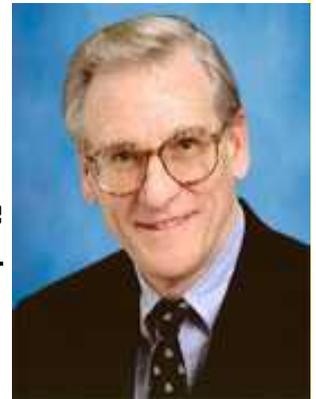
WHAT'S DRIVING THE COST OF HEALTHCARE IN AMERICA AND WHAT CAN WE DO ABOUT IT?

Our September 8 Assembly speaker is Robert H. Bartlett, M.D., Professor Emeritus, the University of Michigan Medical Center, in the Section of General Surgery, Division of Acute Care Surgery, who continues to be active in the lab, and in clinical research. Prior to becoming Professor Emeritus in 2005, Dr. Bartlett was Director of the Surgical Intensive Care Unit for 25-years, Chief of General Surgery, and Program Director of the Surgical Critical Care Fellowship.

He is inventor of a life-saving heart and lung technology widely known as "ECMO," Dr. Bartlett has served continuously as the Director of the Extracorporeal Life Support Program at the University of Michigan Medical Center. In 1984, Bartlett also was among a team of four medical scientists who started the University of Michigan's Breast Care Center.

Renaissance man that he is, Bob is a published medical fiction novelist and is a co-founder of, and bass violin-player, in the University's "Life Science Orchestra."

Dr. Bartlett is an alumnus of Albion College (class of 1960), and a medical-science lecturer in demand throughout the world.



Thursday, September 8, 2016

10:00 a.m.

Wesley Chapel, First United Methodist Church

AALL Course Descriptions, Fall, 2016

Registration required

CAN YOU HEAR ME NOW? BASICS OF AUDIOLOGY. Sara Holcomb, Au.D., CCC-A, FAAA. Audiologist currently practicing in Lansing, Mi. Thursdays 2:30-4:30. October 6, 13, 20, 27. Location: Albion College Library Mudd 210.

This course will cover a range of topics in audiology assessment and treatment. At the end of this course, participants should be able to understand the basics of auditory anatomy, understand auditory test results, to understand which treatment options are appropriate for which types of hearing loss.

Session I. The basics of auditory anatomy will be described especially as it relates to the assessment of hearing and the function of the auditory structures by

taking a tour of the ear from ear lobe to the central auditory system and see how sound is transmitted through the auditory system. Causes of hearing loss will be described ranging from temporary hearing loss to permanent, profound hearing loss.

Session II. Different pathologies that cause hearing loss can be determined based on assessment results. A series of tests, the auditory test battery, will be described including what each of those tests tell us about the function of the auditory system. The test battery to be described will include pure tone audiometry, bone conduction testing, tympanometry, otoacoustic emissions, and auditory brainstem testing. Typical test results for differing hearing loss causes will be described.

Session III. Depending on what the auditory test results reveal, treatment options differ. These options will be discussed including basic surgical options, bone anchored hearing aids, cochlear implants, and pressure equalization tubes.

Session IV. Hearing loss is often treated with hearing aids. The basics of hearing aid technology will be described including what hearing aids were, what current hearing aids are, and what may be in the future for hearing aids. Hearing loss treatments still in research phase will be discussed.

The Big Read

The Big Read is a program of the National Endowment for the Arts in Partnership with Arts Midwest.

For the second straight year, Albion will host The Big Read in October 2016. The Big Read is a project that aims to bring communities together through a shared reading experience. This year, Albion will be reading Ray Bradbury's Fahrenheit 451.

As Albion has received an NEA Big Read grant, will provide resources, outreach materials, and training on various aspects, such as working local partners, developing public relations strategies, and leading book discussions, and Q&As. The programs last approximately one month and include a kick-off event, often attended by the mayor and other local luminaries; major events devoted specifically to the book (e.g., panel discussions and author reading); events using the book as a point of departure (e.g., film screenings and theatrical readings); and book discussions in diverse locations involving a wide range of audiences.

Over the last decade, the National Endowment for the Arts has funded more than 1,255 Big Read programs, providing more than \$17 million in grants to organizations in every district in the country. In turn, these organizations have leveraged more than \$35 million in local funding to support their NEA Big Read programs. More than 4.2 million Americans have attended an NEA Big Read event, approximately 72,000 volunteers have participated at the local level, and 34,000 community organizations have partnered to make Big Read activities possible.

CANADA: AN INTRODUCTION TO OUR NORTHERN NEIGHBOR. Patrick McLean, Director Gerald R. Ford Institute, Albion College. Wednesdays, 9:30-11:30. October 5, 12, 19, 26. TBA.

As close as Canada is to the United States, the country remains misunderstood and often forgotten. Neither the 51st American state nor a barren land of ice, snow, and hockey, Canada is a fascinating country with its own history, government system, and breathtaking landscapes.

We will spend four weeks on a whirlwind tour highlighting aspects of Canada's geography, politics, history, society, and the ever-present Francophone-Anglophone divide. (And if the students are all well behaved, we may schedule an optional excursion to Windsor to sample the great Italian fare and visit a bookstore or two.)

Proposed book: Canadian Studies in the New Millennium, Kasoff and James, 2nd Edition.

AALL Officers

President :	Robin Reed
Vice President:	
Treasurers:	Alice Cook
Secretary:	Kathleen Seidl
Editor, Newsletter:	Dick Lewin

ECONOMIC ISSUES IN THE 2016 ELECTION. Greg Saltzman, Ph.D., Professor of Economics, Albion College. Mondays, 2:00-4:00. October 3, 17, 24, 31. TBA.

This course describes economic policy differences between Democrat and Republican candidates for Congress and the Presidency. It begins with an overview of liberal and conservative views of the appropriate role of government in the economy. It then addresses several specific issues such as:

- Policies to mitigate climate change by restricting carbon dioxide emissions.
 - The struggle over universal health insurance in the U.S.
 - Immigration.
 - International trade agreements such as the Trans Pacific Partnership proposal now before Congress
- There will be Power Point presentations on these issues followed by time for questions and discussion.

SUBSTANCE USE DISORDER (SUD) TREATMENT AND PREVENTION FACTORS. THE MOST PREVALENT CONDITIONS IN THE REGION AND KNOWN CONTRIBUTING FACTORS. Achilles Malta, BA, CPC (SWMBH SUD Prevention Regional Coordinator). Wednesdays 2:30-4:30. October 5, 12, 19, 26. Location: Albion College Library Mudd 210.

In discussing substance abuse treatment and prevention the following topics will be covered:

- Identify the most prevalent substance issues in the region: The primary substance of abuse, and some demographic characteristics of persons (age, ethnicity, county of residence, etc.) receiving SUD Tx services using public funding.
- Identify some of the known causal/contributing/risk factors to Substance Use Disorders in the county, region, and nation.
- Define Substance Use Disorder Prevention and demonstrate how it is designed to work.
- Identify some specific strategies to address SUD issues from a prevention perspective.
- Define and discuss the interdisciplinary/integrated approach to the treatment of SUD.
- Define/discuss Recovery-Oriented Systems of Care (ROSC).

NANOSCIENCE. Kevin Metz, Ph.D., Professor of Chemistry, Albion College. Tuesdays 10:00-12:00. October 4, 11, 18, 25. TBA.

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 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.

THE NATURAL HISTORY OF LOVE. Doug White, PhD. in Ecology, Rutgers University. Instructor of Biology, Albion College. Thursdays 9:30-11:30. October 6, 13, 20, 27. Location TBA.

We will explore the nature and function of love in humans from the perspectives of evolutionary biology, ornithology, brain science, anthropology, psychology, mythology, and the arts. What is love? Why do we love?

Love is a topic of deep and universal personal and societal interest. Love is systemic to many and disparate academic disciplines. Yet, love is virtually absent from college catalogs, including Albion's. Here, we break through obscuring jargon, silos, and silence, first by considering the breeding biology of birds. Can we see love there in revealing variety? We move on to examine how modern sciences of neurobiology, anthropology, and psychology are being used to characterize human love. Do they have it right? Do people and birds pick mates in similar ways? Next, we will see if love, in its expansive sense, relates to the human subconscious as revealed by comparative mythology. Where is your bliss? Finally, we will test our biological model of love against meditations on love prized in drama and music.

For ALL participants, I expect life experiences will largely substitute for this semester's worth of reading! But if a participant were to read only one book, I would single out Fisher's *Why We Love*. I can direct studious participants to on-line videos that encapsulate highlights of the Campbell and Fisher books.

Recommended reading: Campbell, Joseph. 2008. *The Hero With a Thousand Faces*. Third Edition. New World Library, 418 pages. ISBN: 978-1-57731-593-3 (Amazon \$15.18)

Fisher, Helen. 2004. *Why We Love, the nature and chemistry of romantic love*. St. Martin's Press, 301 pages. ISBN: 978-0-8050-7796-4 (Amazon \$15.21)

AALL Course Registration Form – Fall 2016

Registration Instructions – Please Read Carefully

1. Fill in the blank below (on the left) for yourself. If you have a spouse/partner who is an AALL member, use the blank (on the right).
2. 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, indicate only one (1) course (mark it with the number 1) — see instruction 4 below.
3. 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.
4. 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.

IMPORTANT:

1. Use numbers in the boxes to indicate which course(s) you wish to take; use an X only to indicate alternate courses.
2. If you are registering for a course with limited enrollment, make sure you mark it number 1 (only those indicating a course as their first choice are entered into the random selection).

"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."

NAME: _____ phone: _____ E-mail: _____	NAME: _____ phone: _____ E-mail: _____
FEE	FEE
<input type="checkbox"/> <u>Can You Hear Me Now?</u> _____	<input type="checkbox"/> <u>Can You Hear Me Now?</u> _____
<input type="checkbox"/> <u>Canada: Our Northern Neighbor</u> _____	<input type="checkbox"/> <u>Canada: Our Northern Neighbor</u> _____
<input type="checkbox"/> <u>Economic Issues in the 2016 Election</u> _____	<input type="checkbox"/> <u>Economic Issues in the 2016 Election</u> _____
<input type="checkbox"/> <u>Substance Use Disorder</u> _____	<input type="checkbox"/> <u>Substance Use Disorder</u> _____
<input type="checkbox"/> <u>Nanoscience</u> _____	<input type="checkbox"/> <u>Nanoscience</u> _____
<input type="checkbox"/> <u>The Natural History of Love</u> _____	<input type="checkbox"/> <u>The Natural History of Love</u> _____
Total Fees _____	Total Fees _____
Signature: _____	Signature: _____
Fall Class Registration deadline is Sept. 15, 2016. Regretfully, class applications after that date cannot be accepted.	Fall Class Registration deadline is Sept. 15, 2016. Regretfully, class applications after that date cannot be accepted.

MEMBERSHIP FORM
 (To be completed by those needing to renew their membership in AALL)

Name _____ Spouse/Partner Name _____

Address _____

City _____ Zip _____ Date _____

Phone () _____ E-mail _____

Dues: \$20 per year per person Spouse's E-mail _____

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



A suggestion was made that members could bring their own coffee mugs to classes to help reduce landfill issues. The impact of this decision may seem to be of small significance, but it is one way that we can reduce our environmental "FOOTPRINT". AALL will continue to provide cups for those who don't bring their own.

AALL Membership

If you are not already an AALL member, or if you have not paid your 2016-2017 dues, a membership form is included at the bottom of the "Course Registration" form. Dues are \$20 per person, per year, with the year running from July 1 to June 30 of the following year.

Members may take one (1) free course per term (fall, winter, spring). There is a charge of \$10 for each additional course taken in any term. Members who are not sure whether they have paid dues for the current year should contact Alice Cook, AALL Treasurer, at 517-629-6432 or e-mail: acook@alumnimail.albion.edu.

Registration Information

The Registration form attached to this newsletter should be sent, with payment (if any), to:

AALL Registrar

P.O. Box 188

Albion, Michigan 49224

or brought to the

Fall Assembly on September 8, 2016@ 10 a.m. in Wesley Hall, First United Methodist Church.

"If there are additional class fees for supplies, these fees need to be paid at the time of registration and are non-refundable unless the class is canceled."

AALL Lottery Policy for Over-Enrolled Classes

When a course with limits is over-enrolled, the names of all of those who had it listed as #1 shall be entered in a lottery. Those randomly drawn shall be placed in the class. Those not selected will comprise the waiting list and also be given first access if that course is offered again. The registrar will keep a record of those on the waiting list until the course is offered again.

Those selected for the course in its first offering will not be eligible to retake it until all those on the waiting list have had the opportunity to take the course.

Those who have signed up for a class with limits and listed it as #1 are encouraged to sign up for at least one additional class. Members are also encouraged not to sign up for a course with limited enrollment if they know they won't be there for all four sessions.

Fall Class Registration deadline is **Sept. 15, 2016**. Regretfully, class applications after that date cannot be accepted.

Registrants for all classes will receive a letter shortly after **Sept. 15, 2016** that will acknowledge their registration, and provide additional information about the course(s) for which they have registered.

If you are unable to attend a course for which you have registered, fees will be refunded up until the beginning of the course.

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.