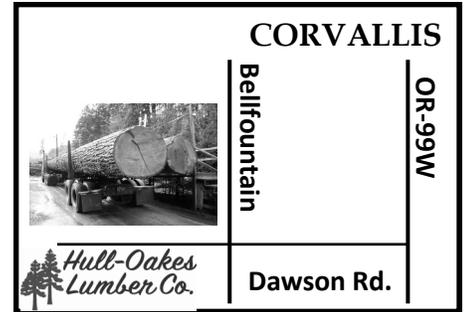


## Class Times, Locations, & Days Vary: Please Plan Accordingly

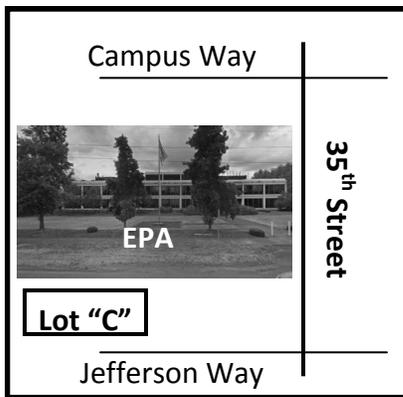
**13 July [11:30 AM] Hull-Oakes: The Last Steam Powered Lumber Mill in America 23837 Dawson Rd, Monroe**

In 1934, in the depth of the Depression, Ralph Hull started saw milling by leasing a mill from a friend who had closed the operation due to harsh economic times. Hull-Oakes Lumber Company is a Douglas-fir cutting mill nestled in the foothills of the coast range northwest of Monroe, Oregon. It is the only saw mill specializing in long timbers to 85 feet. The tour of this mill will show the storage pond with “pond boats”, steam powered saw mill and planer, timbers, and shipping. The tour entails many stairs and is NOT disability accessible. Please arrange your own transportation to: 23837 Dawson Rd., Monroe, OR 97456 [about 30 min.]. You will need ear plugs for loud noise (supplied at tour). Plan for a one-hour tour starting at 11:30AM.

Host: Jim Nusrala



**19 July [10:00 AM] Good Bones: Orthopedic Surgery for Old Bridges 200 SW 35<sup>th</sup> St, Corvallis**



Old bridges: we can't afford to replace them, but we have methods and materials to keep them functioning safely, well beyond the original designers plan. Christopher Higgins, OSU Professor of Civil and Construction Engineering, will discuss failures, near-failures, and practical solutions developed to strengthen and repair them. He will also discuss seismic challenges with older bridges and solutions to minimize damage and collapse from the potentially catastrophic Cascadia Subduction Zone fault rupture.

Meet at EPA LAB conference room at 200 SW 35<sup>th</sup> St. You must park along Jefferson Way or in **Lot "C"** at end. Arrive before 10AM to get OSU parking permit at either site from Jim Nusrala and then sign in at EPA entrance desk. **NOTE: ONLY citizens of United States allowed.**

Host: Jim Nusrala

**26 July [10:00 AM] A Landscape view of Salmon in the Pacific Northwest Community 200 SW 35<sup>th</sup> St, Corvallis**

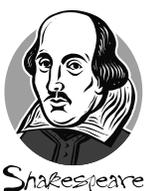
Salmon populations are an example of a species that is affected by warmer waters associated with climate variability. Modeling efforts are determining areas of cold waters, or refugia, that fish can seek out to avoid stressful conditions. It is important to study salmon and their habitats because salmon are considered an ecosystem service. There are many community and social values associated with a thriving salmon population. Dr Alan Thornhill: Division Director; Dr Scott Leibowitz: Research Hydrologist; Dr Joe Ebersole: Research Fisheries Biologist; and Dr Mike Papenfus: Environmental Economist will explore the hydrologic landscapes of salmon, the efforts to determine refugia, and their value to the Pacific Northwest. Arrive before 10AM to get OSU parking permit from Jim Nusrala and then sign in at EPA entrance desk. Park in visitors lot. Arrive and sign in. **NOTE: ONLY citizens of United States allowed. [See Map Above]**

Host: Jim Nusrala

**2 August [1:30 PM] Bard in the Quad: *Two Gentlemen of Verona* Withycomb Hall Lab Theater**

The annual “Bard in the Quad” lecture will be presented by the director of this summer’s production, Dr. Elizabeth Helman. This summer’s attraction is *Two Gentlemen of Verona*. *Two Gentlemen of Verona* is one of Shakespeare’s earliest comedies exploring themes of friendship, love, and infidelity. Bard in the Quad’s 2017 production will transport this romantic romp with the Wild West in the style of a rootin-tootin-shootin melodrama featuring music, mistaken, identity, and a scene-stealing dog. This presentation will include background about the play and production as well as exploration of the director’s concept and the genre of melodrama. Actors will present a scene from the play and discuss their process. Parking permits can be picked up from Jim Nusrala at **Lot A-1** along Orchard Ave north of Withycombe Hall.

Host: Dick Weinman





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## **Summer 2017 Schedule of Classes**

- |         |  |
|---------|--|
| 13 July | <b>Hull-Oakes: The Last Steam Powered Lumber Mill in America</b>                       |
| 19 July | <b>Good Bones: Orthopedic Surgery for Old Bridges</b>                                  |
| 26 July | <b>A Landscape View of Salmon in the Pacific Northwest Community</b>                   |
| 4 Aug   | <b>Bard in the Quad: <i>Two Gentlemen of Verona</i><br/>Withycomb Hall Lab Theater</b> |

The Academy for Lifelong Learning (ALL) was established in 2002. ALL is a self-funded, peer-led membership organization. ALL embraces learning as a lifelong process. As such, members—now numbering more than 350—support the Academy's objectives through their participation as students, as presenters, and generally in the successful operation of the program. The ALL summer program is outside of its regular programs. There are no fees or registration needed for these classes. ALL is pleased to arrange these events. For additional information about ALL and classes go to the ALL website: [www.academyforlifelonglearning.org](http://www.academyforlifelonglearning.org)