

Prof. Maureen Hoatlin, Ph.D., MBA

Associate Professor of Biochemistry & Molecular Biology,
and Molecular & Medical Genetics at Oregon Health & Science University (OHSU)

presents a talk entitled

- (1) “Yes, you are a rare mutant and
- (2) How your mutations might save lives

Thurs. Feb. 16

Reed College Vollum Lounge

3203 SE Woodstock Blvd, Portland, OR 97202

map https://www.reed.edu/facilities_services/downloads/MapPrintColor.pdf

[Dinner reservations](#)

Schedule: 6:00 pm social; 6:45 pm buffet dinner; 7:45 pm talk

Contact [Jean Eames](#) if you have questions

Abstract: (1) “Yes, you are a rare mutant and (2) How your mutations might save lives

Advances in DNA sequencing process and data analysis are leading to new revelations and innovations in disease diagnosis and drug discovery. This talk will outline some scientific opportunities and challenges ahead for genomic medicine. Examples will be used to illustrate the opportunities from my own research and from the relevant literature. At the end of the talk, I will explain one new approach to making sense of the massive genomic medicine information that continues to accumulate. My talk will be an interactive experience with plenty of opportunity for audience questions and participation.



Bio: Maureen Hoatlin

Maureen Hoatlin is an Associate Professor of Biochemistry & Molecular Biology, and Molecular & Medical Genetics at Oregon Health & Science University (OHSU). After earning a B.S. degree in Chemistry from Old Dominion University,

she was a project chemist at SRI International in Menlo Park, CA for two years, followed by six years as a research associate at Genentech, Inc. She received a Ph.D. at Oregon Health & Science University for graduate work focusing on the role of retroviruses in pathogenesis and hematopoietic cancers. She joined the faculty in Hematology & Medical Oncology at OHSU in 1993, and was a Visiting Scientist & Professor in the Department of Genetics at the Free University and Medical Center of Amsterdam in 1998 and in 2002. Dr. Hoatlin’s research is focused on identifying and analyzing the function of the proteins in the Fanconi Anemia/Breast Cancer (FA/BRCA) cancer sus-

ceptibility pathway. Her work has contributed to the discovery and characterization of ten novel human genes, many with critical but poorly understood roles in hematopoiesis, cancer susceptibility (AML and other cancers), and resistance to certain commonly-used chemotherapeutic drugs. Dr. Hoatlin’s lab pioneered a cell-free approach to analyze the function of the FA/BRCA pathway and recently received a patent for a novel small molecule inhibitor screen for identification of FA/BRCA pathway inhibitors and potential chemosensitizing compounds. Dr. Hoatlin recently completed an MBA with a specialty on international business in Asia, as well a specialized UCSF course (ACDRS) on the drug development pipeline that focuses on preparation for future developments and changes in the global pharmaceutical sector.

[Oregon Science Startup Forum](#)

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Schedule Portland Section Meetings 2016-17
 Reed College Vollum Lounge
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Date	Speaker or event	Topic
9/15/16	Dr. Carol Henry	Environmental Policy: What is it and what is ACS's role?
10/13/16	Prof. Kevin Ahern, Department of Biochemistry and Biophysics, Oregon State University	Student Success and the Evolving University http://oregonstate.edu/instruct/bb451/
11/17/16	Dr. Rigoberto Hernandez (Thomas E. Gompf Chair in Chemistry, Department of Chemistry, Johns Hopkins University, Baltimore, MD 21218)	Diverse Chemistry Topics and the Diversity of Chemistry (see http://cen.acs.org/articles/91/i37/District-IV-Director-Rigoberto-Hernandez.html)
12/1/16	Prof. Katherine Maloney (Associate professor of chemistry at Point Loma Nazarene University in San Diego, CA.)	"The curious case of Sarcophyton glaucum: Capricious natural products chemist or victim of mistaken identity?" see http://www.pointloma.edu/experience/academics/schools-departments/department-chemistry/faculty/katherine-n-maloney
Wed 1/18/17	Lacamas Labs Tour	http://www.lacamaslabs.com
2/16/17	Maureen Hoatlin, PhD. OHSU Associate Professor of Biochemistry & Molecular Biology, and Molecular & Medical Genetics at Oregon Health & Science University (OHSU)	"(1) Yes, you are a rare mutant and (2) How your mutations might save lives"
3/9/17	Robert J. McGorin, PhD, CFS, Jacobs-Root Professor, Department Head, Food Science & Technology, Oregon State University E-mail: robert.mcgorin@oregonstate.edu	The Chemistry of Flavor Web page: http://oregonstate.edu/foodsci
April TBD	Tour	Hatfield Marine Research Center
5/11/17	Willy (Skip) Rochefort OSU Chem Engineering	http://cbee.oregonstate.edu/sites/cbee.oregonstate.edu/files/rochefortcv_march2014.pdf