



OFFICE OF RESEARCH AND SCHOLARSHIP PRESENTS

THE SCIENCE OF LIPIDS AND CELL MEMBRANES IN HEALTH-RELATED RESEARCH



Ronald Hills, Ph.D.

*Associate Professor
College of Pharmacy
Department of Pharmaceutical Sciences*

The Hills Lab is interested in the molecular mechanisms underlying biomedically relevant scientific problems. We previously developed a suite of simulation tools for studying the molecular dynamics of membrane-protein systems. Our research has since investigated the functional mechanisms of efflux transport proteins, of use for developing new therapies to overcome cellular multidrug resistance. We also have interests in other aspects of health-related science. Student-centered scholarship in the group has included diverse topics from the development of POGIL learning activities for the classroom to reviewing health outcomes linked to nutrition and diet quality. Recent scholarship has explored the relationship between diet and the microbiome and reviewed evidence available for cardiovascular risk factors and lipid-lowering medications.

LECTURE: Tuesday, August 20, 2019
 12:00 – 1:00 pm
 Leonard Hall, UNE Biddeford Campus
 Watch online at <http://stream.une.edu/events>
 Brown Bag Lunch; Desserts Served