

**Darwin Festival 2012: Salem State University Department of Biology
Schedule of Lectures (all in Veterans Hall)**

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| | MONDAY, FEBRUARY 13, 2012 |
| 11:00 a.m. | “USING SCIENCE TO HELP THE POOR: DIAGNOSTICS FOR THE DEVELOPING WORLD” – Alynne MacLean, Science With a Mission, Sharon MA. <i>Sponsored by the Department of Chemistry and Physics and the Charles Albert Read Trust.</i> |
| 1:30 p.m. | “EXPLORING THE MICROBIAL DIVERSITY OF CHEESE” – Rachel Dutton, Bauer Fellow, Harvard FAS Center for Systems Biology, Harvard University, Cambridge MA. <i>The Keville-DePalma Founders Lecture.</i> <i>Dedicated to one of our greatest supporters, Lynn Margulis</i> |

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| | TUESDAY, FEBRUARY 14, 2012 <i>Charles Albert Read Science Lectures</i> |
| 9:30 a.m. | “RAPID EVOLUTIONARY CHANGE IN FISHES FROM CHEMICALLY CONTAMINATED ESTUARIES” – Isaac Wirgin, Department of Environmental Medicine, New York University School of Medicine, New York, New York. <i>Sponsored by the Charles Albert Read Trust.</i> |
| 2:00 p.m. | “POSITIVE YOUTH DEVELOPMENT: ONTOGENY IN FOUR DIMENSIONS” – Richard M. Lerner, Institute for Applied Research in Youth Development, Tufts University, Medford MA. <i>Sponsored by the Charles Albert Read Trust.</i> |

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| | WEDNESDAY, FEBRUARY 15, 2012 |
| 11:00 a.m. | “ALIEN SPACE INVADERS ATTACK MASSACHUSETTS – AN UPDATE ON MARINE INVASIVE SPECIES” – Ted Maney, Department of Biology, Salem State University |
| 2:30 p.m. | “MEDICAL APARTHEID” – Harriet Washington, medical ethicist and author. <i>Sponsored by the Campus Center.</i> |

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| | THURSDAY, FEBRUARY 16, 2012 <i>Charles Albert Read Science Lectures</i> |
| 11:00 a.m. | “CLIMATE CHANGE OR GLOBAL WARMING – FACT OR FICTION? WHAT DO THE DATA SHOW?” – Barrett N. Rock, Institute for the Study of Earth, Oceans, and Space and Department of Earth Sciences, University of New Hampshire, Durham NH. <i>Sponsored by the Department of Geography and the Charles Albert Read Trust.</i> |
| 12:30 p.m. | “YOU ARE WHAT YOUR FATHER ATE: EPIGENETIC INFORMATION TRANSFER IN MAMMALS” – Oliver J. Rando, Department of Biochemistry & Molecular Pharmacology, University of Massachusetts School of Medicine, Worcester MA. <i>Sponsored by the Charles Albert Read Trust.</i> |
| 2:00 p.m. | “WHAT IS SCIENCE? A PHILOSOPHICAL AND HISTORICAL PERSPECTIVE” – William Cornwell, Department of Philosophy, Salem State University, Salem MA. <i>Sponsored by the Charles Albert Read Trust.</i> |

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| | FRIDAY, FEBRUARY 17, 2012 <i>Biology Alumni Day</i> |
| 9:00 a.m. | “THE EVOLUTION OF ANIMAL SOCIETIES: INSIGHTS FROM SIMPLE FISH SOCIETIES” – Peter Buston, Department of Biology and Marine Program, Boston University, Boston MA. <i>Sponsored by the Biological Society.</i> |
| 11:00 a.m. | “WHY RHESUS MONKEYS SUCK: MOTHER'S MILK AND INFANT DEVELOPMENT” – Katherine Hinde, Department of Human Evolutionary Biology, Harvard University, Cambridge MA. <i>Sponsored by the Charles Albert Read Trust.</i> |