



20th Anniversary Celebration Symposium Agenda

The University of New Mexico
Student Union Building Ballroom B&C
Albuquerque, New Mexico
October 6, 2023

Friday, October 6

9:00 AM	<p>Welcome</p> <p>Rob Miller CETI Director</p> <p>James P. Holloway UNM Provost & Executive Vice President for Academic Affairs</p> <p>Garnett S. Stokes UNM President</p>	12:15 PM	<p>Ruy Ribeiro CETI Mentee '06 - '08 Staff Scientist Los Alamos National Laboratory</p> <p>Two decades (more!) of viral dynamics modeling to understand virus biology</p>
9:30 AM	<p>Eric "Sam" Loker CETI Director '03 - '18 Distinguished Professor Emeritus, Department of Biology The University of New Mexico</p> <p>Hitting where it hurts: new insights on parasitic castration as mediated by larval digenetic trematodes</p>	12:45 PM	<p>Lunch</p>
10:00 AM	<p>Harel Dahari CETI Mentee '09 - '14 Associate Professor, Department of Medicine Stritch School of Medicine, Loyola University Chicago</p> <p>Hepatitis D virus and HBsAg dynamics in the era of new antiviral treatments</p>	1:45 PM	<p>Si-Ming Zhang CETI Mentee '03 - '07 Research Professor, Department of Biology The University of New Mexico</p> <p>Genomics and genetics of snail resistance to schistosomes</p>
10:30 AM	<p>Rob Miller CETI Director, Co-Director '03 - '18 Professor, Department of Biology The University of New Mexico</p> <p>Three domains are better than two and other oddities during the evolution of mammalian immune systems</p>	2:15 PM	<p>Lydia Tapia CETI Mentee '11 - '14 Professor & Chair, Department of Computer Science The University of New Mexico</p> <p>Video games to model molecular interactions</p>
11:00 AM	<p>Break</p>	2:45 PM	<p>Michelle Baker CETI Mentee 03 - '07 Senior Research Scientist, Australian Centre for Disease Preparedness Commonwealth Scientific & Industrial Research Organisation (CSIRO)</p> <p>Marsupial immunology to antiviral immunity in bats: Insights into the evolution of the mammalian immune system</p>
11:15 AM	<p>Melanie Moses CETI Mentee '07 - '11 Professor, Department of Computer Science The University of New Mexico</p> <p>SIMCoV: simulating viral spread and immune response in the lung</p>	3:15 PM	<p>Break</p>
11:45 AM	<p>Michelle Steinauer CETI Pilot Project Awardee '11 - '13 Associate Professor, College of Osteopathic Medicine of the Pacific Western University of Health Sciences</p> <p>Genome-wide association study of an African snail vector of schistosomiasis identifies genes associated with resistance to infection by <i>Schistosoma mansoni</i></p>	3:30 PM	<p>Eric Denkers CETI Project Leader '16 - '18 Professor, Department of Biology The University of New Mexico</p> <p>New lessons in Immunology from the Millennial Parasite</p>
		4:00 PM	<p>Irene Salinas CETI Mentee '11 - '14 Professor, Department of Biology The University of New Mexico</p> <p>Evolution of mucosal immune systems in vertebrates</p>
		4:30 PM	<p>Closing Remarks</p>





CENTER FOR EVOLUTIONARY &
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