



WISCONSIN

LUTHERAN COLLEGE

UNDERGRADUATE RESEARCH SYMPOSIUM SCHEDULE OF EVENTS TUESDAY, APRIL 25, 2023 GENERAC HALL (LOWER-LEVEL)

TIME	CLASSROOM S011	CLASSROOM S010	CLASSROOM S009
11:00	MARIA THIMMESCH Presence and Prosperity of <i>Staphylococcus aureus</i> on Cloth vs. Surgical Masks	GRACE STROH Mountain Glacier Segmentation Method Using Landsat Satellite Imagery and L*a*b* Color Space	ISAAC GANOUNG Intellectual Property Rights
11:20	ABIGAIL DAVIES Cytotoxicity of E-Cigarette Vapor	ZACHARIAH KLINE Performance Comparison of Principle Component Analysis and Non-Negative Matrix Factorization on Optical Spectroscopy Data	MCKENNA ELY Life in Legislation: Increasing Wisconsin A2A Funding in a Post-Roe Era
11:40	ALEXIA LECLAIR The Effort of Metformin and Probiotics on the Relative Abundance and Biofilm Formation of <i>Lactobacillus acidophilus</i>	CHARLEY FLEEK The Prevalence of Environmental Factors vs. Genetic Mutations on Atopic Dermatitis	MADDISON BUCH <i>The Iliad</i> : Legacy in Change
12:00	JENNA BISHOP Examining the Ability of Essential Oils to Affect TLS Bacteriophage Infection of <i>E. coli</i>	HANNAH LAWLESS Evaluating of Lens Regeneration Abilities in Developing Zebrafish After Inducing Cataracts	MELANIE ROCK Dialect: The Thumbprint of Language
12:20	BREAK		
12:30	KEYNOTE ADDRESS BY DR. PAUL LEHNINGER (S011)		
1:10		BROOKE GRAESSLIN Analysis of the Teratogenic Effects of Vitamin A on Zebrafish Embryos	
1:30	BILAL SALOUS Heparin-Induced Thrombocytopenia Therapeutic Development	KILEY HUCKSTORF Effect of Carbocisteine on Liver Inflammation from Dysfunctional CFTR Gene in Zebrafish	MADDISON BUCH Quiet Dignity: Women in <i>The Iliad</i>
1:50	TREVOR STIEDE Examining the Connection Between Blue Light Exposure and Age-Related Macular Degeneration	CAELAB CARETTA Effects of Various Dentifrices on <i>Eikenella corrodens</i>	MELANIE ROCK Music in Film: Telling the Story Through Sound
2:10	SHAHBEGH SINGH Examining the Effects of Silver Nanoparticles on the Activity of YOGI Bacteriophage	ALEAH DOBBERSTEIN Nematocyst Role in Coral Defense and Predatory Behavior	NOBALLY GRANCORBITZ Affair of the Poisons
2:30	ELIJAH WALL Soil Health Assessment	REIDUN MEIER Observing Fungal Growth on <i>Aedes aegypti</i> Eggs	