



UNE COM Fall Research and Scholarship Fall Forum

2024 Forum Award Winners

Clinical

1st place

Sandhya Vellayappan for the project titled:

Food Insecurity in University of New England Medical Students

MENTOR: Dr. Kyle Scully

2nd place

Samantha Kobald for the project titled:

Final Clinical and Biomarker Outcomes of a Phase Ib/II Study of Pre-operative Induction Pembrolizumab with Radiation Therapy in Early-Stage Triple Negative and High-Risk Hormone Receptor Positive Breast Cancer (PEARL)

MENTOR: Dr. Alice Ho

3rd place

Hailee Poulin, Catherine Biegel and Sophia Silvia for the project titled:

A Systematic Review of Risk Factors and Diagnostic Measures of Postpartum Depression among Military Personnel

MENTOR: Dr. Geoffrey McCullen

Basic Science

1st place

Vishva Patel and Carleigh Rosenberg for the project titled:

Exploring Metabolic Vulnerabilities in Tuberous Sclerosis Complex: The Role of Tryptophan and the Kynurenine Pathway in Macropinocytosis

MENTOR: Dr. Harry Filippakis

2nd place

Albert Kim for the project titled:

De Novo Synthesis of High Purity CD3 Epsilon Peptides Utilizing SUMO Expression System in Bacteria

MENTOR: Dr. Carmela Abraham

3rd place

Maggie Loiselle for the project titled:

Bacterial Metabolic Signaling Drives Neutrophil Responses in Infected Airways

MENTOR: Dr. Lael Yonker



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INNOVATION FOR A HEALTHIER PLANET