

Research Day Undergraduate Presentations

Wednesday, Feb 10, 2016

The order of Research Day presentations and presentation titles are as follows. Please note that the 12 minutes allotted for each presentation consists of 8 minutes for the presentation and 4 minutes for questions and answers. The 8 minute time limit for the presentation will be strictly enforced so that we can maintain the schedule.

09:30 Introduction by Professor Bob Kehoe, Director of Undergraduate Research

MCNAIR SCHOLARS – presentations are scheduled from 09:35 to 10:00 am

09:35 Carmen Maciel^{EL}: *Immigration in France and the Dublin System*

09:47 Jennifer Torres^{EL}: *Militarization and Human Rights in Guatemala*

SUMMER RESEARCH FELLOWS – presentations are scheduled from 10:00 to 11:25 am

10:00 Patricia Nance: *Polyphosphazenes as an Antimicrobial Surface Coating for Breast Implant*

10:12 Allison Garcia: *Cell-Aware vs. Traditional Fault Models and ATPG Statistics for Individual Standard Cells*

10:24 Daniel Gum^{EL}: *Variable Star Search Using ROTSE-I Data*

10:36 Collette Marchesseault^{EL}: *Resistance Protein*

10:48 Joseph Di Pane: *The Role of Bambi and the Gem in Cell Death*

11:00 Gillian Wright: *Pathways through Care: Decision-Making and Treatment Drop-Out in Early Psychosis*

11:12 Miguel Quimbar^{EL}: *Smartphone-based Chemiluminescent Point-of-Care Imaging Device for Exhaled Breath Condensate*

11:25 Break

NOMINATED UNDERGRADUATE RESEARCHERS – presentations are scheduled from 11:45 am to 12:30 pm

11:45 Shilpa Kudva^{EL}: *The future of β -Lactamase*

11:57 Jordan Kayce: *Locking Segment Insertion Bits and Power Analysis Attacks*

12:09 Alexis Sunshine: *Efflux Pumps and Chemotherapeutic Resistance in Cancer Cells*

^{EL} Engaged Learning Fellowship, research approved for recognition on SMU student transcripts.