FRIDAY, FEB 12: ENGAGED LEARNING WEEK

A FOCUS ON

- UNDERGRADUATE RESEARCH IN THE HUMANITIES, SOCIAL SCIENCES AND NATURAL SCIENCES, AND
- INNOVATIVE AND ENTREPRENEURIAL IDEAS MADE REAL

PRESENTATION SCHEDULE

9:00  WELCOME by Susan Kress, Executive Director of Engaged Learning

9:02  INTRODUCTORY COMMENTS by Dr. James Quick, Associate Vice President for Research, Dean of Graduate Studies, and Professor of Earth Sciences

9:05  INTRODUCTORY COMMENTS by Dr. Robert Kehoe, Associate Professor, Physics

UNDERGRADUATE RESEARCH PANELS – all panels are followed by a group Q&A

PANEL 1

9:10  Spanish Language Policy in New Mexico: A Sociolinguistic Assessment of Contemporary Attitudes and Strategic Effectiveness
Justin Hicks ’16 – BIOLSC, SPAN; Mentor: Dr. Alberto Pastor

9:15  Engage and Empower: Spreading the Story of 25 Million North Koreans
Harmony Fan ’16 – MGMT; Mentor: Ms. Jieun Pyun

9:20  The Link Between the American People and the North Korean People
Maggie Chen ’16 – PSYC; Mentor: Ms. Jieun Pyun

9:25  3D Printable Vortex Whistle to Diagnose and Manage Asthma in Developing Countries
Ashley Parks ’16 – ME, MATH; Mentor: Dr. Eric Lars

PANEL 2

9:55  NorthPark50: Fifty Years of Fashion Campaign Analysis
Kaitlin McDonald ’16 – MKTG, ADV; Mentor: Dr. Edward Fox

10:00  Esports - Changing the way the game is played
Tomlin Su ’16 – VIOL; Mentor: Mr. Mark Nausha

PANEL 3

Kelsey Montgomery ’16 – BIOLSC; Mentor: Dr. Morgan Ward

10:20  Synaptogyrin is a Novel Longevity Gene
Rick Escobar ’16 – BIOLSC; Mentor: Dr. Johannes Bauer

10:25  Developing Hollow Optical WGM Resonators as E-Field Sensors for use in Advanced Prosthetics
Ben Wise ’16 – ME, MATH; Mentor: Dr. Volkan Otugen

PANEL 4

10:40  Observing Mindfulness in Couple Discussions of Relationship Concerns
Madeleine Boudreaux ’16 – THEA; Mentor: Dr. Lorelei Rowe
10:45  *Embracing Sexuality Objectification of Women in Advertising*  
Tien Dang ’16 – ADV; Mentor: Dr. Carrie LaFerle

10:50  *Overcoming the Identity Struggle*  
Sarah Siddiqui ’16 – BIOCHEM; Mentor: Mr. Joshua Olsberg

**PANEL 5**

11:05  *Rutherford B. Hayes: A Reasoned Change in Presidential Plans*  
Kelsey Smith ’16 – PHIL, PLSC, HIST; Mentor: Dr. Crista DeLuzio

11:10  *Egyptian Amulet from Israel in SMU Bridwell Library Special Collections*  
Emily Dombrowski ’16 – HIST; Mentor: Dr. Melissa Dowling

**PANEL 6**

11:25  *The Unheard Voices of Immigration: the effects of being a child of immigrants in the United States vs. France*  
Betty Acosta ’16 – FLFREN, INTLST; Mentor: Dr. James Hollifield

11:30  *Latina Women’s Interactions with Diverse Media Models*  
Elizabeth Black ’16 – SPAN, PSYC; Mentor: Dr. Austin Baldwin

**PANEL 7**

11:50  *Development of New Methods to Identify Higgs Bosons Decaying to Bottom Quarks*  
Nicole Hartman ’16 – EE, PHYS; Mentor: Dr. Stephen Sekula

11:55  *The Effect of Peroxiredoains on Aging & Lifespans*  
Tina Sharma ’16 – BIOLSC; Mentor: Dr. William Orr

12:00  *Synthesis of PGP Inhibitors for Treatment of Recessive Cancers*  
Tristan Smyth ’16 – CHEM; Mentor: Dr. Alexander Lippert

**PANEL 8**

12:15  *Influence of Pheromones on the Longevity of the Fruit Fly*  
Yogi Elphick ’16 – BIOLSC; Mentor: Dr. Johannes Bauer

12:20  *Exploring ATP hydrolysis chemical mechanism: a computational analysis of human p-glycoprotein*  
Mark Honrales ’16 – FINA; Mentor: Dr. Peng Tao

12:25  *Complete Sets of Solutions in Quantum Mechanics and Their Connection with Gravity*  
Rafael Sierra ’16 – PHYS, MATH; Mentor: Ms. Brandilyn Stigler

**BIG IDEAS - WINNING TEAMS TELL THEIR STORY**

12:45  *Emergent Services, l.l.C.* by Jason Waller ’18 – BUSN, MGMTSCI

1:00  INTRODUCTORY COMMENTS by Dr. Simon Mak, Professor of Practice in Entrepreneurship, Associate Director of Caruth Center for Entrepreneurship

1:10  *BioLum Sciences* by Miguel Quimbar ’17 – ACCT

1:20  *Deliver Dash* by Joey McAteer ’15, ’17 - EDUSPMGMT

1:30  *Reading for a Reason* by Emily Towler ’16 – ECO, SPAN, EDUSTUDS

1:40  *Fiddler* by Jonah Kirby ’16, ME