

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 *Sports - Changing the way the game is played*
Tomlin Su '16 – VIOL; Mentor: Mr. Mark Nausha

PANEL 3

- 10:15 *Birds of a Feather Get Health Care Together: How Marketing and Peer Influence Affect Students' Health Care Choices*
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 Peroxiredoxins 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, LLC.*** 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