Mallory Burnaman, Teacher Education
Mentor: Dr. Mamta Singh
“Assessing Self-Efficacy Beliefs of Pre-Service Teachers in Teaching Science in Elementary School”

College of Fine Arts & Communication

Alyssa Hughes, Speech Language Pathology
Mentor: Dr. Nandhu Radhakrishnan
“Vocal loudness across breath support: An exploratory study”

Dougal MacGregor & Charles Bray, Communication
Mentors: Dr. Kumer P. Das, Dr. Timothy Roden, & Mr. O’Brien Stanley
Southeast Texas’ (SETx) Interactive Media Career Market Research-Survey

Kaitlin Taylor, Speech & Hearing Science
Mentor: Dr. Ashley Dockens
“A survey of prevention and remediation audiological habits in older adults of Jefferson County, TX”

Lamar University
The Office of Undergraduate Research
Grant Recipients 2014-15

Celebrating Academic Excellence
Programme
11:00 AM
Introduction
Dr. Kumer Das, Director

11:05 AM
Greetings from the President
Dr. Kenneth Evans, President

11:10 AM
Presentations of Awarded Grants
(Recipients listed by college)
Dr. Kenneth Evans, President

11:50 AM
Closing Remarks

Light refreshments will be provided.
Augusta Broussard, Nursing
Mentors: Dr. Gina Hale & Dr. Eileen Curl
“Exploring Spirituality & Spiritual Care in Nursing Students & Hospice Nurses”

College of Arts & Sciences

Gabriel Graham & Nicolas Nikoloutsos, Biology
Mentor: Dr. Ian Y. Lian
“A Novel in vitro Microenvironment for the Optimization of Cancer Stem Cell Formation”

Momin Islam, Biology
Mentor: Dr. Ashwini Kucknoor
“Decreasing the Incidence of Trichomonas vaginalis Infection Through the Use of Periodic Acid”

Molly Porter, English
Mentor: Dr. Amy Smith
“I am a part of all that I have met: “Tennyson’s Odysseus and the Evolution of a Victorian Hero”

Jamie M. Stafford, Chemistry
Mentor: Dr. Xiangyang Lei
“Nickel-Catalyzed Direct C-H Arylation of Heteroarenes”

Keeley Townley-Smith, Physics
Mentor: Dr. Cristian Bahrim
“Fourier Analysis of Emission and Absorption Spectra of Various Elements”

Christopher York, Mathematics
Mentor: Dr. Valentin Andreev
“Enumerating kth Roots in the Symmetric Inverse Monoid”

College of Engineering

Logan Bryant, Mechanical Engineering
Mentor: Dr. Ramesh K. Guduru
“Supercapacitor from Biowaste”

Progga Chirontoni, Chemical Engineering
Mentor: Dr. Andrew Gomes

Theodore Kretschmer, Mechanical Engineering
Mentor: Dr. Xuejun Fan
“LED Finite Element Analysis and Thermal Analysis”

College of Education & Human Development

Maisie Benoit, Special Education
Mentor: Dr. Darrell Mohr
“The Effects of Coaching the Use of Mobile Video Self-Modeling to Caregivers and Educators of Children with Autism Spectrum Disorders for the Purpose of Enhancing Social Skills”