2015 ENGAGED LEARNING PROJECTS

120 Projects

... 12 COUNTRIES

Denmark, France, Germany, Guatemala, Indonesia, Latvia, Nepal, Panama, South Korea, Turkey, United Kingdom, United States

RESEARCH (60)

1. Betty Acosta, SMU ‘16, while studying abroad in Paris, is looking into the impact that immigration has on children of immigrants in a new country. (Major: FREN, INTL; Mentor: Dr. Jim Hollifield)

2. Odai Abdelqader, SMU ‘16, is testing the viability Arduino boards in communications between animatronics designs created by university students and users of the designs. (Major: MATH; Mentor: Dr. Dona Mularkey)

3. Elizabeth Black, SMU ‘16, is researching Latina women viewing mainstream media on body satisfaction and drive for thinness and conditions under which a strong ethnic identity has a protective mediation effect. (Major: SPAN, PSYC; Mentor: Dr. Austin Baldwin)

4. Madeleine Boudreaux, SMU ‘16, is developing and validating an observational coding system for mindful discussions of relationship concerns among couples. (Major: THEA; Mentor: Dr. Lorelei Rowe)

5. Ashley Burnett, SMU ‘16, funded on a grant from the Office of Special Education under the Department of Education in Washington DC, is researching childhood disorders in Special Education classrooms. (Major: BIOL; Mentor: Dr. Beverly Lauren Weiser)

6. Maggie Chen, SMU ‘16, through research, testimonials with North Korean immigrants in South Korea, and review of Western media news, hopes to produce a photographic diary exhibition of her findings. (Major: PSYC; Mentor: Ms. Jieun Pyun)

7. Nayelly Dominguez, SMU ‘15, is exploring innovation and tolerance for risk in the French business community as her French departmental distinction research. (Major: ECON, FREN, MNO; Mentor: Ms. Paola Buckley)

8. Emily Dombrowski, SMU ‘16, is researching the history of an Egyptian god amulet in the SMU Bridwell collection to determine how it made its way to Israel. (Major: HIST; Mentor: Dr. Melissa Dowling)

9. Yogi Elphick, SMU ‘16, is researching hydrocarbon pheromone production in drosophila melanogaster to determine whether behavioral changes affect life span. (Major: BIOL; Mentor: Dr. Johannes Bauer)

10. Rick Escobar, SMU ‘16, using the fruit fly Drosophila melanogaster, is determining whether up regulation of Synaptogyrin is sufficient to increase longevity. (Major: BIOL; Mentor: Dr. Johannes Bauer)

11. Harmony Fan, SMU ‘16, is embarking on a research project to better educate the general population about North Korea issues through first-hand experience in South Korea and expert resources in the United States, and Western media in general. (Major: INTL, Mentor: Ms. Jieun Pyun)

12. Zainab Fatima, SMU ‘17, is studying how subunits of Complex 1 come together in order to form a functional complex. (Major: BIOCHM; Mentor: Dr. Steve Vik)

13. Kayla Graves, SMU ‘17, is researching the history of affordable housing and its relationship with public transportation within Dallas County. (Major: HIST; Mentor: Dr. Caroline Brettell)

14. Daniel Gum, SMU ‘16, is analyzing Variable Stars, Gamma Ray bursts, and other phenomena detectable with SMU’s ROTSE-III telescope. (Major: ME; PHYS; Mentor: Dr. Robert Kehoe)

15. Nicole Hartman, SMU ‘16, is investigating new methodologies for identifying bottom quarks that are initiated by Higgs particle decays. (Major: PHYS, EE; Mentor: Dr. Stephen Sekula)

16. Justin Hicks, SMU ‘16, is researching the efficacy and satisfaction of Spanish speakers in northern New Mexico towards local and statewide Spanish language policies. (Major: SPAN; Mentor: Dr. Alberto Pastor)
17. Haley High, SMU ’16, is exploring the availability of government-maintained versus privately-sponsored women’s shelters and rehabilitation facilities services in the greater Dallas area. (Major: SOCI, MATH; Mentor: Dr. Matthew Keller)

18. Jamie Hinz, SMU ’16, is chronicling the activities, ideas and people behind bringing residential commons model to SMU. (Major: ACCT; Mentor: Dr. Tom Tunks)

19. Moez Janmohammad, SMU ’16, is conducting experiments to find the ideal environmental conditions that minimize the ability of radon to stick to copper surfaces. (Major: PHYS; Mentor: Dr. Jodi Cooley)

20. Taylor Kainer, SMU ’16, is part of a research team developing an expressed emotion scale and validating the scale in an online community sample. (Major: ECO; Mentor: Mr. Michael Chmielewski)

21. Shilpa Kudva, SMU ’17, is working on β-Lactamase enzyme research. (Major: BIOL, MUSC; Mentor: Dr. Peng Tao)

22. Paul Lujan, SMU ’16, is analyzing disaster relief shipment supply route in Nepal with the goal to propose ways to more efficiently move aid packages. (Major: ENVENG; Mentor: Dr. Andrew Quicksall)

23. Nicholas Lyos, SMU ’16, while collecting demographic and real estate data as an intern in the European Studies at Science Po, Paris, France, researched impacts of gentrification in Pantin and the 19eme Arrondissement. (Major: RE FINA; Mentor: Ms. Paola Buckley)

24. Carmen Maciel, SMU ’16, while interning in Strasbourg, is studying French immigration laws and their effect on the social integration of minorities in the country. (Major: INTL, PLSC; Mentor: Dr. Dayna Oscherwitz)

25. Collette Marchesseaut, SMU ’16, is working to produce fully functional cancer-relevant proteins, P-gp and BCRP, from E. coli and show that these proteins have the same activity as proteins grown in Pichia pastoris. (Major: MATH; Mentor: Dr. John Wise)

26. Darci Martin, SMU ’15, is mapping Mental Health Care in Dallas for Youth with Psychosis. (Major: ANTH; Mentor: Dr. Neely Myers)

27. Arya McCarthy, SMU ’17, by using SMU undergraduates as a pool and subjecting the students to a version of the prisoner's dilemma, is researching personality type with decision-making. (Major: CS; Mentor: Dr. Justin Fisher)

28. Kaitlin McDonald, SMU ’16, is assessing the success of the campaign NorthPark50: Fifty Years of Fashion to drive foot traffic to NorthPark’s retail stores. (Major: MKTG, ADV; Mentor: Dr. Edward Fox)

29. Elise Mittag, SMU ’15, is investigating the relationship of takeout protein (TO) and juvenile hormone (JH) signaling reduction. (Major: BIOL; Mentor: Dr. Johannes Bauer)

30. Briana Monsalve, SMU ’16, is recognizing London as a global city studying communication strategies targeted to specific demographic communities served by the Tube. (Major: COMM, PLSC; Mentor: Dr. Owen Lynch)

31. Kelsey Montgomery, SMU ’16, is assessing how healthcare providers market their services to college students with recommendations for improvements. (Major: BIOL, MNO; Mentor: Dr. Morgan Ward)

32. Nohemi Mora, SMU ’16, is measuring parameters of water quality in highly agricultural areas in Michoacan, Mexico. (Major: BSEnvE; Mentor: Dr. Andrew Quicksall)

33. Marielle Ngoue, SMU ’15, is analyzing the role of Peroxiredoxins 6 in Alzheimer’s disease. (Major: BIOL; Mentor: Dr. William Orr)

34. Phuong Nguyen, SMU ’16, is reasearching the development of a mini-characterization test platform that makes testing of electronic chips simpler and time efficient. (Major: EE; Mentor: Dr. Carlos Davila)

35. Patrick Norwood, SMU ’16, is gathering data from local Dallas Muslim groups to identify trends and patterns voter ideology and political values. (Major: PLSC; Mentor: Dr. Matthew Wilson)

36. Myra Noshahi, SMU ’16, after studying the famous Grand Bazaar in Istanbul, Turkey and the Harry Hines Bazaar in Dallas, Texas, hopes to streamline managerial accounting methods for small shop owners. (Major: ACCT; Mentor: Dr. Barry Bryan)
37. Miguel Quimbar, SMU ‘17, is developing a novel smartphone-based point-of-care imaging device that uses chemiluminescent probes to detect and quantify $\text{H}_2\text{O}_2$ and $\text{H}_2\text{S}$ in the human body. (Major: ACCT; Mentor: Dr. Alexander Lippert)

38. Ashley Parks, SMU ‘16, involved in a mobile phone project to diagnose asthma, is focusing on development of a vortex whistle to be used in place of spirometers. (Major: MATH, ME; Mentor: Dr. Eric Larson)

39. Shreya Patel, SMU ‘17, is researching an innovative method of three-dimensional display by developing a light-activated chemical dye and optimizing an optical system specific to that dye. (Major: Chemistry; Mentor: Dr. Alexander Lippert)

40. Audrey Reeves, SMU ‘17, is researching the roles of reactive sulfur species and reactive nitrogen species in human health and disease. (Major: BIOCHM, FREN; Mentor: Dr. Alexander Lippert)

41. Annika Rieger, SMU ‘16, is measuring success of SMU-in-Taos sustainability initiatives, comparing actual efforts being made and perception of those efforts by the Taos community. (Major: SOCI; Mentor: Dr. Debra Branch)

42. Nick Riley, SMU ‘16, is investigating whether using Alba Technique can arouse a hormonal change in test subjects. (Major: BIOCHM; Mentor: Brian Zoltowski)

43. Kali Ruppert, SMU ‘16, is researching the work of artist Sol LeWitt, his place within minimalism and conceptual art movements, and coding some of his instruction drawings using Processing software. (Major: ARHS; Mentor: Mr. Ira Greenberg)

44. Syed Rizvi, SMU ‘17, is studying Muslim immigrant communities in Dallas and London to better understand to what degree the culture gets integrated into their adopted communities. (Major: PP; Mentor: Dr. LaiYee Leong)

45. Tina Sharma, SMU ‘16, is researching the respective aspects of oxidative effects and mutation of peroxiredoxins on the organism, *Drosophila Melanogaster*. (Major: BIOL; Mentor: Dr. William Orr)

46. Sarah Siddiqui, SMU ‘16, is analyzing the impact of stigmatized identities, such as visually identifying oneself as a Muslim through the traditional wearing of a headscarf, in particular in the workplace of female Muslim physicians in the United States. (Major: BIOCHM; Mentor: Dr. Joshua Olsberg)

47. Rafael Sierra, SMU ‘16, is studying applications of hypercomplex numbers in Physics. (Major: MATH; PHYS; Mentor: Dr. Brandilyn Stigler)

48. Kelsey Smith, SMU ‘16, is researching President Rutherford B. Hayes’ politics regarding civil service reform and emancipation. (Major: PHIL, PLSC, HIST; Mentor: Dr. Crista DeLuzio)

49. Tristan Smyth, SMU ‘16, is working on synthesizing and then characterizing chemiluminescent molecular imaging probes, potentially for use in live animals. (Major: CHEM; Mentor: Dr. Alexander Lippert)

50. Tomlin Su, SMU ‘16, is studying the tremendous growth of the video gaming industry and how companies and institutions, especially schools, can benefit from incorporation of games in the workplace. (Major: VIOL; Mentor: Mr. Mark Nausha)

51. Jennifer Torres, SMU ‘16, is surveying the awareness of human rights in various sectors of the female population in Guatemala including the methods by which awareness is being spread. (Major: HRTS; PP; Mentor: Dr. Harold Recinos)

52. Emily Tribble, SMU ‘17, is examining corporal punishment in academic disciplining through ethnographic qualitative interviewing of Texas school administrators, and its impacts on student academic, social and mental health. (Major: HLTHSC, PSYC; Mentor: Dr. George W Holden)

53. Brittni Watkins, SMU ‘17, in reviewing the current Data Structures course offered at Southern Methodist University (CSE 2341), is developing a new course curricula using creative coding methodologies and practices. (Major: CRCOMP; Mentor: Mr. Ira Greenberg)

54. Austin Whittle, SMU ‘16, is exploring social, economic and political adversities that immigrants face in urban settings. (Major: ACCT, COMM; Mentor: Dr. Rita Kirk)
Continuing 2014 Research Projects

55. Camille Biard, SMU ’16, is using computational chemistry methods to develop new molecules that emit luminescence for a long period of time and can be delivered to the human body to probe cancerous cells. (Major: CHEM; Mentor: Dr. Peng Tao)

56. Daniel Brooker, SMU ‘15, is researching the appropriate building materials and that ensure user safety of the user during construction of a Laser-Doppler Velocimetry device to measure the velocity of a moving fluid using a laser beam. (Major: ME; Mentor: Dr. Tindaro Ioppolo)

57. Tien Dang, SMU ‘16, is analyzing the way Balinese women in Bali, Indonesia and Balinese women in Los Angeles, California react to advertisements depicting gender objectification. (Major: ADV; Mentor: Dr. Carrie La Ferle)

58. Audrey Gill, SMU ‘15, is exploring the effective ways to promote social change in regards to protecting and supporting the human rights of the transgender population. (Major: STAT; Mentor: Dr. Monnie McGee)

59. Mark Honrales, SMU ‘16, is developing a detailed biochemical mechanism for ATP hydrolysis of PGP. (Major: BIOCHM, FINA; Mentor: Dr. Peng Tao)

60. Ben Wise, SMU ‘16, is repurposing microspheres for use as optical resonators to be used in advanced prosthetics as minimally invasive brain-machine interface devices. (Major: MATH; Mentor: Dr. Volkan Otugen)

COMMUNITY SERVICE (11)

1. Wendy Alyea, SMU ’16, is expanding the Engaged Learning Cochran House community garden to Jubilee Park in East Dallas. (Major: CHEM, ENVS; Mentor: Dr. Eva Csaky, Elaine Heath)

2. Samantha Butz, SMU ‘17, is educating SMU students about Alta Gracia and labor rights regarding garment factories. (Major: FASHMD; Mentor: Mr. Willie Baronet)

3. Nicolas Gonzalez, SMU ‘16, is creating a historical mural project about Pike Park in Dallas to use as his teaching tool in the Pike Park summer program run by Dallas Parks and Recreation. (Major: ART; Mentor: Dr. Janis Bergman-Carton)

4. Laura Kohner, SMU ‘17, is developing SMU’s CUBE as the creativity, resource and start-up space for student innovators and entrepreneurs. (Major: ACCT; Mentor: Dr. William Browning)

5. Megan Kohner, SMU ‘17, is raising awareness of SMU’s CUBE ensuring that it has the technology and software necessary for a creative production, ideation and start-up space. (Major: ACCT; Mentor: Dr. William Browning)

6. Quang Peter Ngo, SMU ‘16, while volunteering as an English teacher at the Little Rose Shelter in Saigon, Vietnam, helps to gain personal insight on the lives of girls who have been sexually abused or trafficked in his family’s native country. (Major: ADV, BIOL; Mentor: Ms. Valerie Erwin)

7. Sarah Rahimi, SMU ‘16, is recording oral histories of African immigrants in Dallas to contribute to the national discussion about immigration, providing a medium to share their stories with future generations. (Major: HIST; Mentor: Dr. Jill Kelly)

8. Reagan Rexford, SMU ‘16, is teaching rural Panama communities lacking dental knowledge, resources, and establishments, the importance of routine dental hygiene. (Major: BIOL, MNO; Mentor: Sveta Radyuk)

9. Nariana Sands, SMU ‘16, is further developing the English Literacy and Life Skills course for the SMU Aramark facility employees, a course initiated by an Engaged Learning alumna. (Major: CS; Mentor: Ms. Evans, Linda)

10. Keya Tollossa, SMU ‘16, is the project manager and communication strategist for the Learn to Dream Career Fair for 4th and 5th grade students from Uplift Peak Elementary School. (Major: MGMT; Mentor: Dr. Karin Quinones)

Continuing 2014 Community Service Projects

11. Hena Rafiq, SMU ‘16, is developing a comprehensive resource kit to help previously incarcerated women successfully reenter society. (Major: PLSC, PR; Mentor: Mr. Charles Bittner)
INTERNSHIPS (9)

1. Camille Aucoin, SMU ‘17, as intern for Habitat for Humanity Taos, is analyzing trends in the overall energy use per home to assess if alternative energy systems may be cost effective for future HFH homes. (Major: EE; Mentor: Dr. Milton Gosney)

2. Laura Buckley, SMU ‘16, interned at L’École Houdon elementary school in Paris, France, to research the UPE2A learning model, a program used to integrate immigrant students into the French school system. (Major: ANTH; Mentor: Ms. Paola Buckley)

3. Brendan Celii, SMU ‘16, is developing the electrical design and analyzing the market for an efficient, environmentally sound wind turbine for homes. (Major: EE; Mentor: Mr. Mark Elliott Fontenot)

4. Moshe Espejel-Bilich, SMU ‘15, is working at the EPA to gain real world experience of how conservation, sustainability and the protection of human health are protected by the Resource Conservation and Recovery Act (RCRA). (Major: ENST; Mentor: Dr. Bonnie Jacobs)

5. Miguel Gutierrez, SMU ’16, is the interpreter of the “Interventions for Latino/a Individuals with Psychosis” research project lead by Professor Neely Myers. (Major: FINA; Mentor: Dr. Nia Parson)

6. Uma Lad, SMU ‘17, is interning at the Environmental Protection Agency in Dallas to determine to what degree companies in Region 6 follow the waste management policies and guidelines. (Major: ENVS; Mentor: Dr. Bonnie Jacobs)

7. Dana Sherman, SMU ‘16, as intern for the Taos Holy Cross Hospital, is evaluating opioid overdose from a biopsychosocial perspective. (Major: ART; HLTHSOC; Mentor: Dr. George Holden)

8. Aubrey Smading, SMU ’17, is interning with the Region 6 Environmental Protection Agency to identify and resolve violations of the Resource Conversation and Recovery Act for hazardous waste disposal. (Major: CE; Mentor: Dr. Bonnie Jacobs)

9. Sarah Woodruff, SMU ‘15, is interning with SMU Sports Medicine to explore the internal workings of an athletic trainer focusing on the importance of communication, character and work ethic. (Major: APSM; Mentor: Ms. Kelyn Rola)

CREATIVE WORK (40)

1. Jessica Balli, SMU ‘16, is creating a body of art works depicting the artist’s personal yet universal struggle of hope and healing. (Major: ARHI, ARST; Mentor: Mr. Brian Molanphy)

2. Leslie Ballart, SMU ‘17, is studying public presentation of women and their bodies by the pioneers in theatre and politics to develop a personal performance piece. (Major: THEA; Mentor: Dr. Gretchen Smith)

3. Ryan Blitzer, SMU ‘17, is creating a thesis film that explores the nature of people with Dissociative Identity Disorder, coping mechanisms and relationship formation. (Major: ADV, FILM; Mentor: Dr. Mark Kerins)

4. Cameron Buller, SMU ‘16, is evaluating the market potential of a consumer wind turbine designed to supply clean energy to a residential household or commercial business at a low cost. (Major: MATH; Mentor: Mr. Mark Elliott Fontenot)

5. George Colligan, SMU ‘16, is comparing the major national theatres in London and Paris to produce an installation based on his findings. (Major: HIST; HRTS; THEA; Mentor: Dr. Gretchen Smith)

6. Laura Dupper, SMU ‘16, hopes to expose the sex trafficking industry through a theatrical performance piece. (Major: THEA; Mentor: Dr. Gretchen Smith)

7. Darian Fardghassemi, SMU ‘16, is making a film - two wannabe crooks impersonate notorious female gang in convenience store robbery, but serendipitously face-off with very legends they are trying to imitate. (Major: FILM, ACCT; Mentor: Ms. Paula Goldberg)

8. Duncan Fischer, SMU ‘16, is developing the prototype of a rig for a shadow moire system to measure the warpage of silicon wafers for Texas Instruments. (Major: ME; Mentor: Mr. Matt Galla)
9. Dalton Fowler, SMU ‘17, is creating a performance text that describes the complex relationship between the United States and the United Kingdom. (Major: THEA; Mentor: Dr. Gretchen Smith)
10. Danielle Green, SMU ‘17, is comparing and contrasting the differences between English and American Shakespeare training styles. (Major: THEA; Mentor: Dr. Gretchen Smith)
11. Dylan Guerra, SMU ‘16, is creating *10 by 10, A Human Sexuality Play*, a full-length play that discusses homosexuality, as found in Dallas and London. (Major: THEA; Mentor: Dr. Gretchen Smith)
12. Su Hyun Han, SMU ‘16, is making a documentary film about her grandfather, an artist in South Korea, through the lens of an American-Korean granddaughter. (Major: ADV; Mentor: Ms. Michele Houston)
13. Meagan Harris, SMU ‘18, is analyzing the relationship between the urban arts Dallas, London and New York environments as research for creating an art installation on campus. (Major: THEA; Mentor: Dr. Gretchen Smith)
14. Sarah Israel, SMU ‘16, through her efforts in creating a string ensemble as part of Bridge the Gap Chamber Players, is using music to impact child development, graduation rates and community in South Dallas. (Major: HRTS, MUSC; Mentor: Dr. Melissa Murray)
15. Maya Jones, SMU ‘16, is writing and directing a series of short monologues that highlight the struggles of forgotten people, focusing on people who experienced Hurricane Katrina. (Major: MUED, VOIC; Mentor: Mr. Darryl Ratcliff)
16. Daeehee Kim, SMU ‘16, is designing an indoor unit cover for Mitsubishi that is aesthetically pleasing for use, has adequate discharge vent, excellent maintenance accessibility, and properly filtered. (Major: ME; Mentor: Ms. Sheila Williams)
17. Jonah Kirby, SMU ‘16, is developing a platform for students to connect with each other and with existing resources as well to engage in ideation and idea sharing. (Major: ME; Mentor: Ms. Kate Canales)
18. Elise Lebiga, SMU ‘16, is designing a search and rescue drone utilizing infrared radiation and Android compatibility to detect heat signatures and store GPS coordinates in post-disaster relief areas. (Major: ME; Mentor: Dr. Carlos E Davila)
19. Deepa Liegel, SMU ‘17, is creating a dance piece around the cultural assimilation of ethnic street performers and other immigrants. (Major: DANC; Mentor: Dr. Shelley Berg)
20. Adam Locklear, SMU ‘16, is designing the control system to smoothly move the laser along the two-axis system for measuring silicon chip warpage. (Major: ME; Mentor: Mr. Matt Galla)
21. Hamza Malik, SMU ‘17, is developing an undergraduate SMU research journal, online and hard copy versions, to raise awareness of student research in the greater Dallas area. (Major: CHEM; Mentor: Dr. Steven Vik)
22. Elizabeth Ricketts, SMU ‘16, is engineering the double axis system of a wafer warpage device to measure warpage of a silicon chip to within 0.250mm accuracy. (Major: MATH, ME; Mentor: Mr. Matt Galla)
23. Becca Rothstein, SMU ‘16, is documenting Berlin’s contemporary performance art culture to create a college student friendly guide to the city in the form of a website and blog. (Major: THEA; Mentor: Dr. Gretchen Smith)
24. Alexander Saladna, SMU ‘16, is creating an instant translation system for learning new languages. (Major: CSE; Mentor: Dr. Michael Hahsler)
25. Ahmad Saleh, SMU ‘16, is designing and implementing a facial recognition system to allow an animatronic fortune teller the ability to interact with users. (Major: MATH; Mentor: Dr. Dona Mularkey)
26. Dagny Sanson, SMU ‘16, is developing an in-depth analysis of several different English dialects to be used by present and future students of the Meadows theater division. (Major: THEA; Mentor: Dr. Anne Schilling)
27. Oscar Schechter, SMU ‘16, is project manager of a SMU multidisciplinary student team to design and build a formula style race car with intent to compete in the 2016 Formula SAE competition. (Major: MGTS; Mentor: Mr. Mickey Saloma)
28. Olivia Schmid, SMU ‘17, is choreographing original dance works to be performed by SMU students as a result of attending the Trinity Laban Conservatory. (Major: DANC, EE; Mentor: Dr. Myra Woodruff)
29. Victoria Serra, SMU ‘16, is creating a java program for an online fortune teller machine read, respond with fortunes to users of online machine. (Major: ME; Mentor: Dr. Dona Mularkey)

30. Holly Settoon, SMU ‘16, is examining the cultural views towards storytelling and literature of Reykjavik, Iceland, Dublin, Ireland, and London, England to develop a play to be produced by the SMU student organization (SMUST). (Major: THEA; Mentor: Dr. Gretchen Smith)

31. Jaime Shim, SMU ‘17, is writing a graphic novel memoir in the Korean “webtoon” comic style. (Major: ENGLCW; Mentor: Dr. David Haynes)

32. Alec Siems, SMU ‘16, is using his optimization and programming skills to help make a commercialized wind turbine for homes, including developing a mobile and web interface for real time analytics. (Major: CS; Mentor: Mr. Mark Elliott Fontenot)

33. Matthew Talton, SMU ‘16, is creating an interdisciplinary performance piece that will take place in three separate venues in order to explore how an actor can best use a space to affect the audience. (Major: THEA; Mentor: Dr. Gretchen Smith)

34. Jorge Valdez, SMU ‘18, is coding an asynchronous article translation application to aid in reading foreign language text online. (Major: CSE; Mentor: Dr. Michael Hahsler)

35. Krystle Vela, SMU ‘16, is designing the circuitry to supply power to the laser profilometer in the creation of a tool to accurately measure warpage of a silicon chip. (Major: MATH, EE; Mentor: Mr. Matt Galla)

36. Sarah Elise Wood, SMU ‘16, is managing a team of engineering student to tweak the traction, weight, gearing system of an existing robot to improve its jumping ability. (Major: ME; Mentor: Dr. Yildirim Hurmuzlu)

Continuing 2014 Creative Work Projects

37. Emily Bernet, SMU ‘16, as a result of participating in the SMU-in-London program, is creating a dance piece that integrates the unique creative vibrancy of London’s underground culture. (Major: DANC; Mentor: Dr. Shelley Berg)

38. Kenny Knowles, SMU ‘15, is developing a robotic vehicle that can execute a summersaulting and jumping motions actuated by torque applied at the wheels. (Major: ME; Mentor: Dr. Joe Zoghzoghy)

39. Patrick Leopard II, SMU ‘16, is developing an implementation plan for iGiddyUp, iOS application which will improve the efficiency of the SMU Giddy Up system. (Major: CSE, MATH; Mentor: Dr. Mark Fontenot)

40. Olga Romanova, SMU ‘15, during her travel to her home country, has documented the Latvian emigration and post-economic crisis situation, producing a body of photojournalistic work. (Major: ART; Mentor: Dr. Debora Hunter)