South Carolina Alliance for Minority Participation Program

1 – Studying the Correlation Between Surface Magnetism and Magnetic Stiffness via Vibrating Sample Magnetometer and a Benchtop Hall Probe

**Dalvin Belton**, Midlands Technical College, Mechanical Engineering - Sophomore

Mentor: Dr. Scott Crittenden, Physics and Astronomy

2 – Age Associated Analysis of Inflammatory Molecules in Mouse Prostate

**Alkeiver Cannon**, University of South Carolina-Columbia, Biochemistry and Molecular Biology - Senior

Mentors: Dr. Dev Karan, Pathology, Microbiology and Immunology

Dr. Seema Dubey, Pathology, Microbiology and Immunology

3 – Characterizing Complex Fluids through Particle Tracking

**Cameron Chandler**, Midlands Technical College, Engineering – Sophomore

Mentor: Dr. Paula Vasquez, Mathematics

4 - Osteon-Mimetic Scaffolds through Rapid Prototyping

**Janay Clytus**, University of South Carolina-Columbia, Biological Sciences - Junior

Mentor: Dr. Esmaiel Jabbari, Chemical Engineering

5 - I Know What You Did Last Week! Privacy of Wearable Devices

**Jaymel Dash**, University of South Carolina-Columbia, Computer Science – Junior

**William Wood**, University of South Carolina-Columbia, Computer Information Systems – Junior

Mentor: Dr. Csilla Farkas, Computer Science and Engineering

6 – Manufacturing and Characterization of Degradation in Sandwich Composite after Impact Loading

**Dominque Davis**, University of South Carolina-Columbia, Mechanical Engineering – Sophomore

Mentors: Dr. Prasun Majumdar, Mechanical Engineering

Jallisa Clifford, Mechanical Engineering

7 – Computational Public Opinion Mining with >50 Million Tweets of Sen. Sanders

**Aida El Kouri**, University of South Carolina-Columbia, Computer Science – Sophomore

Mentor: Dr. Amir Karami, Library and Information Science
8 – The Effects of High Fat Diet on Skeletal Muscle Oxidative Metabolism and Mitochondrial Dysfunction
Deadrake Epps, University of South Carolina-Columbia, Biological Sciences - Sophomore
Mentor: Dr. James Carson, Exercise Science

9 - Sustainable Polymers from Plant Oils
Ayi Eta, University of South Carolina-Columbia, Biochemistry and Molecular Biology - Junior
Mentor: Dr. Chuanbing Tang, Chemistry and Biochemistry

10 – Comparing Different Unsupervised Machine Learning Algorithms for Phase Mapping
Alvin Fersner, University of South Carolina-Columbia, Chemical Engineering – Sophomore
Mentor: Dr. Jason Hattrick-Simpers, Chemical Engineering

11 – Examination of Periodontal Disease and Ischemic Stroke Risk in PREMIERS
Whitney Free-Jenkins, University of South Carolina-Columbia, Biological Sciences – Sophomore
Mentor: Dr. Souvik Sen, School of Medicine

12 – Scheduling Outlooks
Christopher Glenn, University of South Carolina-Columbia, Computer Information Systems – Senior
Mentor: Dr. Manton Matthews, Computer Science and Engineering

13 – Using Bead-Based Synthetic Lectin Libraries to Distinguish between Healthy and Cancerous Secreted Proteins Derived from the Colon
Alyssia Grundy, University of South Carolina-Columbia, Chemistry – Junior
Mentor: Dr. John Lavigne, Chemistry and Biochemistry

14 – Dam Failures from the October 2015 Historic Flood Event in South Carolina
Javonté Isaac, University of South Carolina-Columbia, Civil Engineering – Senior
Mentor: Dr. Inthuorn Sasanakul, Civil and Environmental Engineering

15 – Structural-Based Design of Inhibitors of Protein-Protein Interactions
Zachary Jackson, Midlands Technical College, Computer Technology - Sophomore
Mentor: Dr. Campbell McInnes, Drug Discovery and Biomedical Sciences

16 – Constitutive Expression of EntCEBA Protects Against Nickel Toxicity in E. Coli
Alsten Jones, University of South Carolina-Columbia, Biochemistry and Molecular Biology - Senior
Mentors: Dr. Wayne Outten, Chemistry and Biochemistry
         Clorissa Washington, Chemistry and Biochemistry

17 – Super Resolution Bioimaging for Biomedical Engineering
Kenneth Legette, University of South Carolina-Columbia, Mechanical Engineering – Sophomore
Mentor: Dr. Guiren Wang, Biomedical Engineering & Mechanical Engineering

18 – GR-14-05 PV Inverter Control to Sustain High Quality of Service
Briana Luckey, University of South Carolina-Columbia, Electrical Engineering – Senior
Mentor: Dr. Andrea Benigni, Electrical Engineering
19 – Examination of Mitochondrial DNA Integrity to Identify Mitochondrial Repair Pathways
Robyn Moraney, University of South Carolina-Columbia, Biological Sciences – Junior
Mentor: Dr. Michael Wyatt, Drug Discovery and Biomedical Sciences

20 – Dam Failures from the October 2015 Historic Flood Events
E’Lexus Nelson, University of South Carolina-Columbia, Civil Engineering – Senior
Mentor: Dr. Inthuorn Sasanakul, Civil and Environmental Engineering

21 – Influence of Surface Type and Release Location On Aerosol Transport and Deposition Pattern In Indoor Environments
Christian Pellot, University of South Carolina-Columbia, Civil Engineering - Junior
Mentor: Dr. Shamia Hoque, Civil and Environmental Engineering

22 – Preparation and Characterization of Solid Oxide Fuel Cells
Sterling Reese, Midlands Technical College, Electrical Engineering – Sophomore
Seth Dale, University of Florida, Chemical Engineering – Senior
Ben Gray, South Carolina Governor’s School for Science and Mathematics
Mentors: Dr. Xiao-Dong Zhou, Chemical Engineering
Emir Dogdibegovic, Chemical Engineering

23 – Design, Fabrication, and Characterization of a Hybrid Wick Structured Heat Pipe
Errol Rochester, Midlands Technical College, Electrical Engineering - Sophomore
Mentor: Dr. Chen Li, Chemical Engineering

24 – Exploratory Study to Construct Workflows for the Construction and Analysis of Shared Databases
Sydney Sanders, University of South Carolina-Columbia, Civil Engineering – Sophomore
Mentor: Dr. Enrica Viparelli, Civil and Environmental Engineering

25 – Measuring the Lattice Parameters of Metal Oxide Nanostructures to Determine Criteria for Persistent Micelle Templates
Christopher Scott, Midlands Technical College, Mechanical Engineering – Sophomore
Mentor: Dr. Morgan Stefik, Chemistry and Biochemistry

26 – Splitting Numbers of Coverings by Integer Tiles
Caleb Simmons, University of South Carolina-Columbia, Mathematics – Junior
Mentors: Dr. Joshua Cooper, Mathematics
Gregory Clark, Mathematics

27 – Determining the Degradation Along the Length of Quarter Inch Polyester Urethane Magnetic Tapes Using ATR FT-IR Spectroscopy
Aleah Singleton, University of South Carolina-Columbia, Biological Sciences – Senior
Mentors: Dr. Stephen Morgan, Chemistry and Biochemistry
Alyssa Abraham, Chemistry and Biochemistry
Center for Colon Cancer Research Summer Undergraduate Minority Research Program

30 – Determining the Effects of STN1 Depletion on DNA Replication Initiation Factors
Jazmine Benjamin, University of South Carolina-Aiken, Biology - Senior
Mentors: Dr. Jason Stewart, Biological Sciences
Katie Brady, Biological Sciences

31 – Fluorescence Polarization as a Measure of the Inhibition of Polo-like Kinase 1
Cecilia Hurtado, Williams College, Chemistry - Senior
Mentor: Dr. Michael Wyatt, Drug Discovery and Biomedical Sciences

32 - Evaluating Recruitment, Training, and Technical Assistance Approaches to Support Implementation of the HEALS Program
Jaleel Jefferson, University of South Carolina-Columbia, Public Health- Junior
Mentor: Dr. Heather Brandt, Health Promotion Education and Behavior

33 – CDK7 Inhibition in Breast Cancer Therapy
Theresa Melendez, Winthrop University, Chemistry – Senior
Mentor: Dr. Eugenia Broude, Drug Discovery and Biomedical Sciences

34 - Using Bead-Based Synthetic Lectin Libraries to Distinguish Between Healthy and Cancerous Secreted Proteins Derived from the Colon
Danielle Valdez, Monmouth University, Chemistry – Senior
Mentor: Dr. John Lavigne, Chemistry and Biochemistry

35 - DDX24 Depletion-Mediated p21 Activation and Inhibition of Cell Growth
Adrian Zenteno, Clemson University, Bioengineering - Junior
Mentor: Dr. Michael Shtutman, Drug Discovery and Biomedical Sciences

Research Experiences for Undergraduates: Physics and Astronomy

36 – Diffracting Data: Analyzing Diffraction Patterns of Magnetically-Recorded Information
Claire Bernert, Occidental College, Physics – Junior
Mentor: Dr. Thomas Crawford, Physics and Astronomy
37 – Modeling the Behavior of Charged Particles in a Cloud Chamber
Zachary Carter, University of South Carolina-Columbia, Physics – Junior
Mentor: Dr. Scott Crittenden, Physics and Astronomy

38 – Magnetometry of Perpendicularly Magnetized Magnetic Films: Sensitivity to Angle
Raina Crawford, Bryn Mawr College, Physics – Junior
Mentors: Dr. Thomas Crawford, Physics and Astronomy
Sarah Fitzgerald, Physics and Astronomy

39 – Response of Chlamydomonas Reinhardtii CC-125 Algal Cultures to Flashing Light in Thin-Plate Bioreactors
Alexander Davis, University of South Carolina-Columbia, Physics – Senior
Mentor: Dr. Scott Crittenden, Physics and Astronomy

40 – Optimization of a Simple Projection Photolithography System: Impact of Exposure Parameters on Feature Size
Phillip Kane, Grinnell College, Physics – Junior
Mentor: Dr. Thomas Crawford, Physics and Astronomy

41 – Examining the Circumgalactic Medium of Low-Redshift Galaxies
Alexander Kirby, University of South Carolina-Columbia, Physics – Sophomore
Mentor: Dr. Varsha Kulkarni, Physics and Astronomy

42 – The Effects of Temperature Parameters on Cloud Formation in a Tall Diffusion Cloud Chamber
Alexander Layton, University of South Carolina-Columbia, Physics – Senior
Mentor: Dr. Scott Crittenden, Physics and Astronomy

43 – Observations of Sub-Damped Lyman-α Absorber at \( z = 2.636 \)
Jo Lynn Tyner, Austin Peay State University, Physics - Sophomore
Mentor: Dr. Varsha Kulkarni, Physics and Astronomy

44 – Synchotron Processes with Lorentz Violating Dispersion Relations
Brian Weaver, The Pennsylvania State University, Astronomy and Astrophysics – Senior
Joseph Kroeger, Wingate University, Mathematics and Chemistry
Mentor: Dr. Brett Altschul, Physics and Astronomy

Research Experiences for Undergraduates: Advancing Diversity in Aging Research

45 – Isolation and Characterization of Bacteriophages that Infect Caulobacter
Kristy Abney, University of South Carolina-Columbia, Biochemistry and Molecular Biology – Sophomore
Mentor: Dr. Bert Ely, Biological Sciences

46 - Assistive Exercise Robot Instructor
Dane Acena, Benedict College, Computer Science - Junior
Mentors: Dr. Jenay Beer, Computer Science and Engineering & College of Social Work
Karina Liles, Computer Science and Engineering
47 – Fall Detection in Older Adults
**Haregot Gebreyesus**, Benedict College, Electrical Engineering - Junior
Mentor: Dr. Juan Caicedo, Civil and Environmental Engineering

48 - Investigation of Dioxin (TCDD) Mediated Regulation of miRNAs in Granulocytic Myeloid-Derived Suppressor Cells (MDSCs) and Granulocytes
**Dominique Jackson**, Claflin University, Biochemistry - Junior
Mentor: Dr. Narendra Singh, Pathology Microbiology and Immunology

49 - The Acceptance of Smart Home Technology among Older Adults
**Emmanuel Lee**, Morris College, Biological Sciences - Junior
Mentors: Dr. Jenay Beer, Computer Science and Engineering & College of Social Work

50 - Effects of Sleep Restriction on Daily Physical Activity During Dietary Weight Loss
**Steilan Sumpter**, Claflin University, Biology - Junior
Mentor: Dr. Xuewen Wang, Exercise Science

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**Research Experiences for Undergraduates: Radioecology**
*(USC Upstate, University of Georgia and Savannah River Ecology Laboratory joint program)*

51 - Bioaccumulation of Radiocesium and Mercury in Diving and Dabbling Ducks on the Savannah River Site
**Sarah Abercrombie**, Purdue University, Wildlife – Senior
Mentors: Dr. James Beasley, Savannah River Ecology Laboratory
    - Chris Leaphart, Savannah River Ecology Laboratory
    - E.J. Borchert, Savannah River Ecology Laboratory
    - Larry Bryan, Savannah River Ecology Laboratory

52 – Radionuclide Leaching from Reducing Cementitious Materials
**Jill Banach**, University of Massachusetts, Environmental Science - Junior
Mentors: Dr. John Seaman, Savannah River Ecology Laboratory
    - Fanny Coutelot, Savannah River Ecology Laboratory

53 – Bioaccumulation of Cs-137 in Florida Green Watersnakes (Nerodia floridana) from Three Wetlands on the Savannah River Site
**Kyle Brown**, University of South Carolina-Upstate, Biology – Senior
**Michaela Lambert**, University of Kentucky, Natural Resources & Environmental Science - Senior
**Amelia Russell**, University of South Carolina-Upstate, Biology – Senior
Mentors: Dr. Tracey Tuberville, Savannah River Ecology Laboratory
    - Dr. Melissa Pilgrim, University of South Carolina-Upstate

**Deonte Burston**, Fort Valley State University, Biology – Senior

Mentors: Dr. Stacey Lance, Savannah River Ecology Laboratory
   Wes Flynn, Savannah River Ecology Laboratory
   Cara Love, Savannah River Ecology Laboratory
   David Scott, Savannah River Ecology Laboratory

55 – Multiple Stressors in Larval Anurans: Ranavirus and Chronic Copper Exposure

**Sheldon Davis**, Clemson University, Wildlife and Fisheries Biology – Senior

Mentors: Dr. Stacey Lance, Savannah River Ecology Laboratory
   Wes Flynn, Savannah River Ecology Laboratory
   Cara Love, Savannah River Ecology Laboratory
   David Scott, Savannah River Ecology Laboratory

56 – The Interaction of Radiation and Copper on the Incidence of Antibiotic Resistance

**Christian Dicks**, Claflin University, Biology – Junior

Mentors: Dr. J Vaun McArthur, Savannah River Ecology Laboratory
   Paul Stankus, Savannah River Ecology Laboratory

57 – Internal CO2 Change in Response to Photosynthetic Availability

**Emily Edwards**, University of Georgia, Biology – Senior

Mentors: Dr. Doug Aubrey, Savannah River Ecology Laboratory
   Mackenzie Dix, Savannah River Ecology Laboratory

58 – Bioaccumulation and Biomagnification of Radiocesium in Littoral Zone Biota from a Cooling Reservoir on the Savannah River Site

**Christina Fulghum**, University of South Carolina-Aiken, Biology – Senior

**Alexis Korotasz**, Stetson University, Aquatic and Marine Biology - Senior

Mentor: Larry Bryan, Savannah River Ecology Laboratory

59 - Sublethal Effects of Cs-137 & Hg Contamination in Florida Green Watersnakes (Nerodia floridana)

**Michaela Lambert**, University of Kentucky, Natural Resources & Environmental Science - Senior

**Kyle Brown**, University of South Carolina-Upstate, Biology – Senior

**Amelia Russell**, University of South Carolina-Upstate, Biology – Senior

Mentors: Dr. Melissa Pilgrim, University of South Carolina-Upstate
   Dr. Tracey Tuberville, Savannah River Ecology Laboratory

60 – Distribution of Trace Elements and Cs-137 in Sediments of a Coastal Plain Stream Impacted by Industrial Activities

**Brooke Lindell**, College of Charleston, Biology – Junior

Mentors: Dr. John Seaman, Savannah River Ecology Laboratory
   Dean Fletcher, Savannah River Ecology Laboratory
61 – Effects of Parental and Early Life Exposure to Metals on Genome Methylation in Two Anuran Species

**Nia Peak**, Claflin University, Biology – Junior

Mentors: Dr. Stacey Lance, Savannah River Ecology Laboratory
    Cara Love, Savannah River Ecology Laboratory
    Wes Flynn, Savannah River Ecology Laboratory
    David Scott, Savannah River Ecology Laboratory

62 – Tritium Partitioning in the Biosphere

**Awmna Rana**, Florida International University, Chemistry – Sophomore

Mentor: Dr. John Seaman, Savannah River Ecology Laboratory

63 – Mercury Bioaccumulation in Florida Green Watersnakes (Nerodia floridana) Among Three Wetlands on the Savannah River Site

**Amelia Russell**, University of South Carolina-Upstate, Biology – Senior

**Kyle Brown**, University of South Carolina-Upstate, Biology – Senior

**Michaela Lambert**, University of Kentucky, Natural Resources & Environmental Science - Senior

Mentors: Dr. Tracey Tuberville, Savannah River Ecology Laboratory
    Dr. Melissa Pilgrim, University of South Carolina-Upstate

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**Science, Technology, Engineering and Mathematics**

64 – Theory-Driven Synthesis of Surface-Modified Nanoparticles for Biochemical Applications

**Jacob Baltzegar**, University of South Carolina-Columbia, Chemical Engineering - Sophomore

Mentor: Dr. Melissa Moss, Chemical Engineering

65 – Effects of Intranasal Orexin Administration on Neuronal Activation in the Brain Stem

**Habiba Fayyaz**, University of South Carolina-Columbia, Biological Sciences - Junior

Mentor: Dr. Jim Fadel, Pharmacology, Physiology, and Neuroscience

66 – Cell Proliferation in Pituitary Development

**Erin Kalb**, University of South Carolina-Columbia, Mathematics – Junior

Mentor: Dr. Paula Vasquez, Mathematics

67 – Contribution of Mast Cells to Angiogenesis in Pre-Symptomatic Atopic Dermatitis

**Nabihah Kumte**, University of South Carolina-Columbia, Public Health – Sophomore

Mentors: Dr. Carole A. Oskeritzian, Pathology Microbiology and Immunology
    Dr. John W. Fuseler, Pathology Microbiology and Immunology

68 – Multidentate Polymer Ligands for Biocompatible Quantum Dots: Does Sequence Matter?

**Abigail Loszko**, University of South Carolina-Columbia, Chemistry and Molecular Biology – Senior

Mentor: Dr. Andrew Greytak, Chemistry and Biochemistry

69 - Investigation of THC-Mediated up Regulation in Mice Myeloid-Derived Suppressor Cells

**Arianna Miskin**, University of South Carolina-Columbia, Psychology – Senior

Mentor: Dr. Narendra Singh, Pharmacology, Physiology, and Neuroscience
Research Experiences for Undergraduates: Chemical Engineering

70 - Theoretical Investigation of the Hydrodeoxygenation of Glycerol over Pt(111)
Adam Yonge, University of South Carolina-Columbia, Chemical Engineering - Senior
Mentor: Dr. Andreas Heyden, Chemical Engineering

71 – A High Throughput Investigation of Metallic Glass Stability in Co-Fe-V-Zr Alloys
Audrey Allen, Worcester Polytechnic Institute – Senior
Mentors: Dr. Jason Hattrick-Simpers, Chemical Engineering
Travis Williams, Chemical Engineering

72 – Electroless Deposition of Nickel for the Synthesis of Mo2C Dry Reforming Catalyst
Khalid Askar, University of South Carolina-Columbia, Chemical Engineering – Senior
Mentor: Dr. John Regalbuto, Chemical Engineering

73 - Characterization and Stability of Metal Oxide Supported Cobalt Nanorod Catalysts for CO2 Hydrogenation
Ashley Bird, University of Texas, Chemical Engineering - Junior
Mentors: Dr. Cun Wen, Chemical Engineering
Dr. Jochen Lauterbach, Chemical Engineering

74 - Synthesis and Characterization of Nickel Catalysts for Methane Tri-Reforming
Nicole Cordonnier, Ohio University, Chemical Engineering - Senior
Mentors: Dr. Jochen Lauterbach, Chemical Engineering
Dr. Erdem Sasmaz, Chemical Engineering

75- The Role of Particle Size and Partial Pressure on Phase Evolution in Praseodymium Nickelates
Seth Dale, University of Florida, Chemical Engineering – Senior
Sterling Reese, Midlands Technical College, Electrical Engineering – Sophomore
Ben Gray, South Carolina Governor’s School for Science and Mathematics
Mentors: Dr. Xiao-Dong Zhou, Chemical Engineering
Emir Dogdibegovic, Chemical Engineering

76 - Optimizing Ultrathin Graphene Oxide Membranes Supported on Polyethersulfone Hollow Fibers for CO2 Capture from Flue Gas
Ethan Hicks, North Carolina State University, Chemical Engineering - Senior
Mentor: Dr. Miao Yu, Chemical Engineering

77 – Hydrothermal Stability of Silica Catalysts for Lignin Upgrading
Matthew Hornish, Rowan University, Chemical Engineering – Senior
Mentors: Dr. John Regalbuto, Chemical Engineering
Dr. John Tengco, Chemical Engineering

78 – Surface Spectroscopic Study of Renewable Ethylene Glycol Synthesis over Silicon Dioxide-Supported
Robert Lavroff, Northwestern University, Chemical Engineering – Junior
Mentor: Dr. Christopher Williams, Chemical Engineering
79 – Effect of Solvents on the Activity of the Transition Metal Catalyst, Pt(111), for the Hydrodeoxygenation of Propionic Acid

Madeline Ley, Oklahoma State University, Chemical Engineering - Senior
Mentors: Dr. Andreas Heyden, Chemical Engineering
    Wenqiang Yang, Chemical Engineering
    Mohammad Shamsus Saleheen, Chemical Engineering

80 – Multiplexing Techniques for High-Throughput Gas Chromatography
Laurence Lohman, University of Rochester, Chemical Engineering – Senior
Mentors: Dr. Jochen Lauterbach, Chemical Engineering
    Dr. Erdem Sasmaz, Chemical Engineering
    Jonathan Kenneth Bunn, Chemical Engineering

81 – Modification and Testing of the Hybrid Sulfur System
Jacob Mehlhoff, University of Wisconsin, Chemical Engineering – Senior
Mentors: Dr. John Weidner, Chemical Engineering
    Dr. Sirivatch Shimpalee, Chemical Engineering
    Cody Wilkins, Chemical Engineering

82 - Pt-Ru/C Catalysts Preparation by SEA and ED Method for Methanol Oxidation
Pimolrat Mittanonsakul, Mahidol University, Thailand, Chemistry - Senior
Mentors: Dr. John Weidner, Chemical Engineering
    Dr. Sirivatch Shimpalee, Chemical Engineering
    Bahareh Tavakoli, Chemical Engineering

83- Study of the CO and the CO2 IR Spectra on Co Catalyst
Nutthatida Phuangsaijai, Chiang Mai University, Thailand, Chemistry - Senior
Mentor: Dr. Cun Wen, Chemical Engineering

84 – Removal of Mercury from Coal Combustion Flue Gas Using Activated Carbon
Michael Royko, University of Alabama, Chemical Engineering – Senior
Mentors: Dr. Bihter Padak, Chemical Engineering
    Benjamin Galloway, Chemical Engineering

85 – Single-Site Ruthenium Catalysts for CO2 Hydrogenation
Stephanie Sanchez, Drew University, Chemical Engineering
Mentor: Dr. Jochen Lauterbach, Chemical Engineering

86 – The Effect of Catalyst Nanoparticle Support Structure on Thermal Stability
Morgan Sulzbach, University of Maryland, Chemical and Biomolecular Engineering - Junior
Mentors: Dr. John R. Regalbuto, Chemical Engineering
    Dr. John Tengco, Chemical Engineering
    Qiuli Liu, Chemical Engineering
    Andrew Wong, Chemical Engineering
87 - Solvation Effects in the Hydrodeoxygenation of Guaiacol over a Model Ru(0001) Catalyst

**Utid Suriya**, Chiang Mai University, Thailand, Chemical Engineering - Senior
Mentors: Dr. Andreas Heyden, Chemical Engineering
Mohammad Shamsus Saleheen, Chemical Engineering

88 – Catalytic Functional Membrane

**Pimchanok Tapangpan**, Chiang Mai University, Thailand, Chemistry – Senior
Mentors: Dr. Christopher Williams, Chemical Engineering
Nabi Shakouri, Chemical Engineering

89 – Adsorption of Platinum on Carbon Supports

**Warinda Tirdtrakool**, Mahidol University, Thailand, Chemistry - Junior
Mentors: Dr. John Regalbuto, Chemical Engineering
Ritubarna Banerjee, Chemical Engineering