First Place and Honorable Mention Winners

First Place Posters

Chemical Engineering
- Project Title: Display of Laccase on Bacterial Spore Surface for Improved Stability
  Author: Halie White
  Advisor: Kang Wu

Chemistry
- Project Title: Extraction and Analysis of Ommochromes in Cephalopod Chromatophores
  Author: Christopher DiBona
  Advisor: Leila Deravi

Civil Engineering-Industrial
- Project Title: Vermont Route 14 over Pekin Brook Bridge Replacement
  Authors: Joel Asencio, Taylor Buchalter, Brittany Holbrook, Jonathan Proulx, Stephen Rosenberg, and Megan Suffel
  Advisors: Raymond Cook and Jennifer Jacobs

Civil Engineering-Research
- Project Title: Evaluation of Internal Strut Loads in Underground Retaining Structures
  Authors: Jill Getchell and Adrienne Hill
  Advisor: Majid Ghayoomi

Computer Science-Applications
- Project Title: Squad Remotely Aimed Weapons Platform
  Authors: William Gravelle, Samuel Luszcz, and Cameron Weatherby
  Advisor: Philip Hatcher

Computer Science-Research
- Project Title: Throwing Exceptions for Concurrency Errors
  Author: Michaela Tremblay
  Advisors: Michel Charpentier and Philip Hatcher

Earth Sciences/Environmental Sciences
- Project Title: Predicting Snow Albedo in New Hampshire Using Three Winters of Seasonal Snow and Weather Observations by the CoCoRAHS-Albedo Network
  Author: Tristan Amaral
  Advisors: Jack Dibb and Cameron Wake
Electrical and Computer Engineering
  Project Title: Electromagnetic Levitation
  Authors: Anthony Puzzo and Robert Rogers
  Advisor: Wayne Smith

Mechanical Engineering
  Project Title: The Mechanics, Biomimetics and 3-D Printing of Cellular Materials
  Authors: Emily Hutchinson, Stephanie Medicke, and Carolyn Przekaza
  Advisors: Ioannis Korkolis and Yaning Li

Physics/Mathematics
  Project Title: Phenomenology of a Toy Model Inspired by the Spontaneous Reduction of the Spectral Dimension of Spacetime at Small Scales in Quantum Gravity
  Author: Patrick Greene
  Advisor: David Mattingly

Honorable Mention Posters
Chemical Engineering
  Project Title: Bactericidal Surface that Enhances Integration of Biomaterials with Tissue
  Authors: Alison Deyett and Shujie Hou
  Advisor: Kyung Jae Jeong

Chemistry
  Project Title: Single-Chain Nano Particles from Sequenced Polyolefins
  Author: David Waste
  Advisor: Erik Berda

Civil Engineering-Industrial
  Project Title: SWB San Pedro de Casta Chlorine Dosing System
  Authors: Megan Burke, Elizabeth Garvey, Kathleen Hanlon, and Jaclyn Lemieux
  Advisor: M. Robin Collins

Civil Engineering-Research
  Project Title: Tsunami Vertical Evacuation Structure
  Authors: Matthew Baker, Zachary Chabot, and Matthew Dumont
  Advisor: Ricardo Medina

Computer Science-Applications
  Project Title: Newforma - Daily Report Application
  Authors: Tyler Collins, Evan Graham, and Gregory Hilston
  Advisor: Michael DeSouza

Computer Science-Research
  Project Title: UNH-IOL Conformance Test Suite for iSCSI Extensions for RDMA (iSER)
  Author: Amy Davies
  Advisor: Robert Russell
Earth Sciences/Environmental Sciences
   Project Title: Comparison of CH4 Emission and CO2 Exchange Between 2013 and 2014 in a Subarctic Peatland
   Author: Paige Clarizia
   Advisor: Ruth Varner

Electrical and Computer Engineering
   Project Title: Chaotic Communications System for the Secure Transmission of Data
   Authors: David Bundy and Addison Nute
   Advisor: W. Thomas Miller

Mechanical Engineering
   Project Title: Underwater Remotely Operated Vehicle (ROV)
   Authors: Sayward Allen, Nathaniel Cordova, Alex Dzengeleski, Shaun Hespelein, Jarrett Linowes, Sathya Muthukkumar, Gerald Rosati, Zhuo Xu, and Jianqing Ye
   Advisor: May-Win Thein

Physics/Mathematics
   Project Title: The Toric Approach to F-theory Model Building
   Author: Herbie Smith
   Advisor: Per Berglund