

Senior Design Projects: The Culmination of Engineering Education



The College of Engineering at Western New England University provides a number of opportunities for undergraduate students to gain experience with technical research. One of the main sources of this valuable experience is through the comprehensive Senior Design Project. These yearlong projects are the capstone of every engineering student's education at Western New England University. The Senior Design Project allows students to apply the knowledge they have learned in courses to improve the quality of human life. The projects come from a variety of sources with topics ranging from the design and improvement of operations at an emergency room to the investigation of new green energy sources. Senior Design Projects have resulted in groundbreaking inventions, patents, and award-winning papers and presentations. They result in significant savings for the participating companies and real-world experience for graduating engineers.

Biomedical Engineering

SENIOR DESIGN PROJECTS

STUDENT(S)

Actuated Finger Exoskeleton and Myo-Interface

Faculty Advisor: Dr. Brent Ulrey

Zahra Alkhabbaz
Dakota Ferguson

Organ Printer

Faculty Advisor: Dr. Brent Ulrey

Sponsor: American Society for Quality (ASQ), Biomedical Division

Michael Arena

A Platform for Neoadjuvant Cancer Therapy Risk Assessment

Faculty Advisor: Dr. Anthony English

Sponsor: Massachusetts Life Science Center

Joseph Baurys
Erika Benlisa
Katherine Gilchrist
Dan King
Shane Waltsak

Device to Measure Pressure Applied During Sealing Process of Medical Device Packaging

Faculty Advisor: Dr. Michael Rust

Technical Advisor: Peter Florkoski, Medtronic/Covidien

Matthew Coralli
David Kisala

Sensors in Footwear

Faculty Advisor: Dr. Brent Ulrey

Clinical Advisor: Dr. Patrick Carley, American International College

Adam Hamel
Connor Maloney

Redesign of Dingman Mouth Gag Retractor

Faculty Advisor: Dr. Judy Cezeaux

Clinical Advisor: Dr. Philip Stoddard, Shriners Hospitals for Children

Sponsor: American Society for Quality (ASQ), Biomedical Division

Nicolette LaPierre
Danielle Torchia

Assistive Technology for Use after Rotator Cuff Surgery

Faculty Advisor: Dr. Judy Cezeaux

Samuel Mackerer

Foot Pressure Mapping

Faculty Advisor: Dr. Brent Ulrey

Clinical Advisor: Dr. Patrick Carley, American International College

Jeffrey Oddy

Lab-on-a-Chip (LOC) Design for Global Health

Faculty Advisor: Dr. Michael Rust

Sponsor: American Society for Quality (ASQ), Biomedical Division

Majdi Sheikh
Eric Thibodeau

System to Identify Substandard Pharmaceuticals in Low-Resource Healthcare Settings

Faculty Advisor: Dr. Michael Rust

Technical Advisor: Dr. Christian Salmon

Sponsor: Jenzabar Foundation

Shaine Spencer
Nicolas Striglio

Civil and Environmental Engineering

SENIOR DESIGN PROJECTS

**New Academic Building Preliminary Design:
3 Story, Steel Framed, Slab on Grade Building founded on Clay Soils**
Faculty Advisor: Ms. Ashley Sullivan

**New Academic Building Preliminary Design:
2 Story Steel Framed, Slab on Grade Building founded
on Granular Soils with Localized Organic Material**
Faculty Advisor: Ms. Ashley Sullivan

**New Academic Building Preliminary Design:
2 Story with Basement, Steel Framed Building founded on Bedrock**
Faculty Advisor: Ms. Ashley Sullivan

**New Academic Building Preliminary Design:
3 Story, Steel Framed, Slab on Grade Building founded on Sand Soils
with Localized Debris Fill**
Faculty Advisor: Ms. Ashley Sullivan

STUDENT(S)

Kevin Glazer
Ryan Piquette
William Preston

Nathan Lane
Matthew Nichols
Justin Parlapiano

Drew Forest
Westley Nuhn
Andres Otero

Jacob Harrelson
Emily Lynch
Brandon Marcoux
Matthew Scavarda



Electrical and Computer Engineering

SENIOR DESIGN PROJECTS

Development of an Intelligent, Autonomous Car for the NXP Cup Competition

Faculty Advisors: Dr. Steven Northrup, Dr. Amer Qouneh, Dr. James Moriarty, Dr. Neeraj Magotra
Sponsor: NXP, ECE Dept.

Small Package, Big Threat: Mesh Network Attacks with Low-Power Devices

Faculty Advisors: Dr. Amer Qouneh, Dr. Ruolin Zhou

Dual-Polarized Two-Layer Stacked Patch Antenna

Faculty Advisor: Dr. John Burke
Sponsor: Alion Science and Technology

PUMA Robot Arm Controller with Bluetooth Link for Operator Control

Faculty Advisors: Dr. Steven Northrup, J. Wang, Dr. Neeraj Magotra
Sponsor: ECE Dept.

Zero-Gravity Workspace & CubeSat Research and Design

Faculty Advisor: Dr. Kourosh Rahnamai
Sponsor: ECE Dept.

Coax to Waveguide Stepped Transition Operating Within the EHF Band

Faculty Advisor: Dr. John Burke
Sponsor: BTP Systems

45 GHz Microstrip Coupler and Detector Circuit

Faculty Advisor: Dr. John Burke
Sponsor: BTP Systems

Real-Time Kernel Module Development in μ C/OS-II and Linux

Faculty Advisor: Dr. James Moriarty
Sponsor: ECE Dept.

Next Generation LED Airport Runway Lighting System

Faculty Advisors: Dr. Neeraj Magotra, M. Musiak
Sponsor: Cooper/Eaton Inc.

Design of a 5G Cellular Antenna for Mobile Devices

Faculty Advisor: Dr. Stephen Adamshick

STUDENT(S)

Nicholas Colasante
Rita Abou-Francis
Edward Franskevicz
Jordan Fredsall
Nicholas Herrmann

Alec Bewsee

Garrett Bieksza

James Chase
Tyler Nelson-Yarrows
Michael Parr
Salvatore Riveccio

Christopher Czajka
Bradley Griffin
Ian Lawrence
Scott L'Ecuyer
Zachary Roy

James DePumpo

Melissa Emmons
Ryan Mariani

Jason Byrd
Neil Howarth
Iliya Shkirdov

Tristan Hyde

Alexander Johnson
Kyle Moriarty
Willie Tremblay

Electrical and Computer Engineering

SENIOR DESIGN PROJECTS

The Design and Implementation of a Multistatic RADAR System for Software Defined Radio

Faculty Advisor: Dr. Ruolin Zhou
Sponsor: Kalos Technologies

Design and Development of Micro-Unmanned Aerial Vehicle (UAV) for Indoor Flight

Faculty Advisor: Dr. Kourosh Rahnamai
Sponsor: ECE Dept.

Exoskeleton controlled by Muscle Activation

Faculty Advisor: Dr. Steven Northrup

Design and Analysis of a Low-Voltage Grid-Tied Photovoltaic System

Faculty Advisors: Dr. Neeraj Magotra, M. Musiak
Sponsor: ECE Dept.

The Design and Implementation of a Ground Penetrating RADAR System for a Software Defined Radio

Faculty Advisor: Dr. Ruolin Zhou
Sponsor: Kalos Technologies

Replacement Arm on the Standardized Talon Robot

Faculty Advisor: Dr. Steven Northrup
Sponsor: U.S. Army

STUDENT(S)

Joshua Klaubert

Yuriy Kopytyuk
Michael Lynguyen
Justin Rowlands

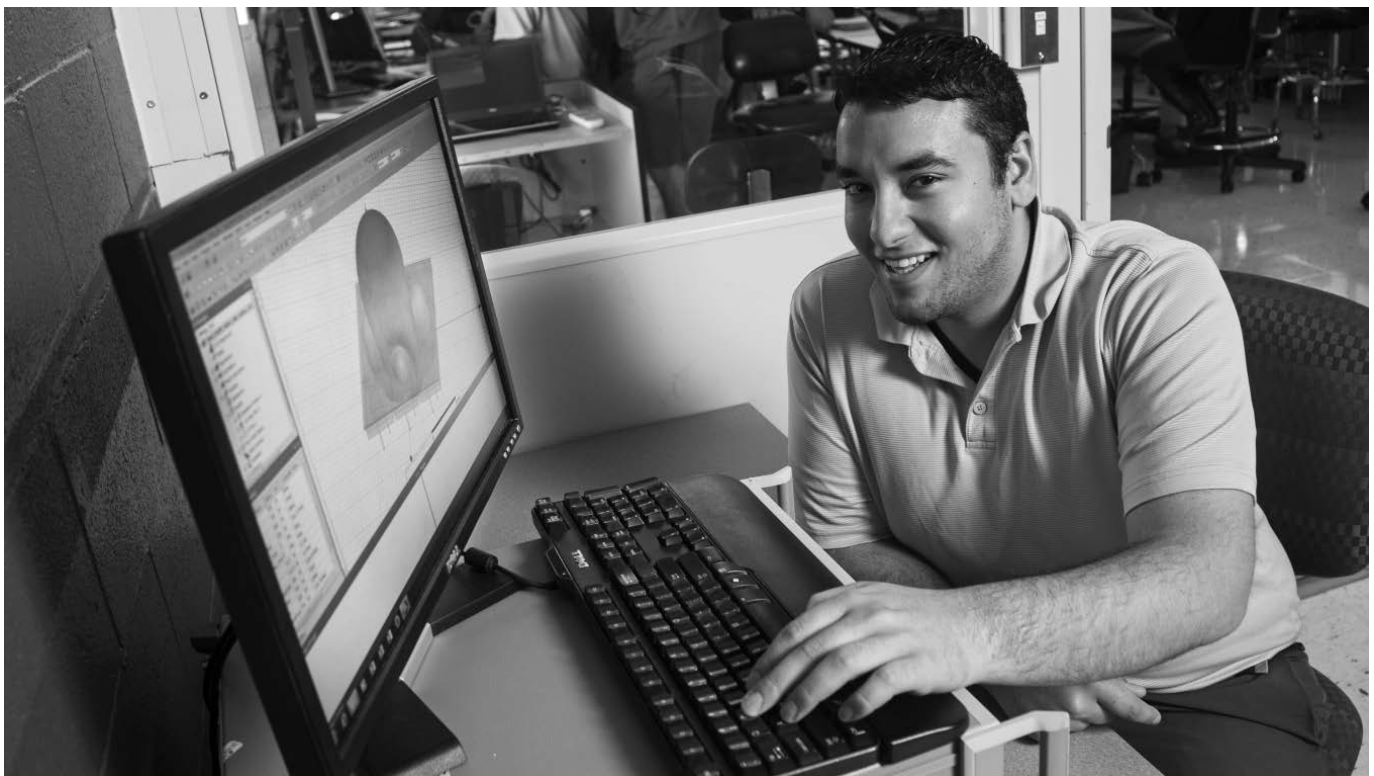
Paris Mathis

Timothy Rapczynski

Paul Rose

Adison Vanina

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Industrial Engineering and Engineering Management

SENIOR DESIGN PROJECTS

STUDENT(S)

Development and Implementation of an Electronic Data Capture System

Faculty Advisor: Dr. Seyed Niknam

Sponsor: Medtronics Inc

Ameen Alkhabbaz

Asset Loss Reduction

Faculty Advisor: Dr. Julie Drzymalski

Sponsor: Bozzuto's Inc.

Lindsee Danio

Multivariate Short Run Statistical Process Control

Faculty Advisor: Dr. Zhaojun (Steven) Li

Sponsor: United Technologies

Christopher Desautels

Feasibility of a Head Mounted Eye Tracker for Use in an Emergency Vehicle Operations Course

Faculty Advisor: Dr. Matt Romoser

Sponsor: Western New England University Police Department

Jared Garneau

Cost of Transfer of Supplies between Depots in North America

Faculty Advisor: Dr. Christian Salmon

Sponsor: SBS Inc

Jennifer Greenhouse

Fitness to Drive Assessment with Driving Simulator Scenarios for Student Athletes with Concussions

Faculty Advisor: Dr. Matt Romoser

Sponsor: Connecticut Children's Medical Center

Elyssa Hannan

A Decision Tool for Parts Risk Assessment

Faculty Advisor: Dr. Zhaojun (Steven) Li

Sponsor: United Technologies

Marcus Lafayette

Method for Testing Work Capacity using Zero or Near Zero Equipment

Faculty Advisor: Dr. Christian Salmon

Sponsor: Dr. Mehdi Sattari, M.D.

Lyndsey St. Jean

Optimization of Redistribution for Manufacturing after Loss of Production Facility

Faculty Advisor: Dr. Christian Salmon

Sponsor: Prestone, Inc.

Arif Turgut

Mechanical Engineering

SENIOR DESIGN PROJECTS

STUDENT(S)

Design of an Environmental Chamber for an Ultrasonic Levitator

Faculty Advisor: Dr. Jennifer Mallory

Sponsor: Vertex Pharmaceuticals

Mohamad Abdulrahim Justenia

Design of a Faster Speed Skate

Faculty Advisor: Dr. Charles Roche

Sean Ahearn

Design of a Magnesium Compactor

Faculty Advisor: Dr. Charles Roche

Sponsor: Senior Aerospace Connecticut, Eric Lee

Caleb Auclair

Design of a Mechatronic System for an Ultrasonic Levitator

Faculty Advisor: Dr. Jennifer Mallory

Sponsor: Vertex Pharmaceuticals

Tiffany Behuniak

Design of an Acoustic Centrifuge

Faculty Advisors: Dr. Bart Lipkens, Dr. Daniel Hatten

Sponsor: FloDesign Sonics, Dr. Walter Presz Jr.

Nathaniel Bodnar

Downstream Acoustic Particle Filtration for an Aerospace Application

Faculty Advisor: Dr. Jennifer Mallory

Sponsor: FloDesign Inc., Wayne Thresher, Dr. Bart Lipkens, Dr. Walter Presz

Jessica Burke

Staging Optimization of Three Acoustic Wave Separators for High Concentration Efficiency

Faculty Advisors: Dr. Bart Lipkens, Dr. Daniel Hatten

Sponsor: FloDesign Sonics, Dr. Walter Presz Jr.

David Cedrone

Inventing a Better Hockey Skate

Faculty Advisor: Dr. Charles Roche

William Coles

Design of a Self-Weighing Suitcase

Faculty Advisor: Dr. Richard Mindek

Anthony D'Angelo

Design and Fabrication of a Pin On Disk Tribometer

Faculty Advisor: Dr. Mohammad Khosrowjerdi

Asa deBlois

Development of a Vb.Net Program to Control a Dynamometer

Faculty Advisor: Dr. Mohammad Khosrowjerdi

David Dichter

Mechanical Engineering

SENIOR DESIGN PROJECTS

STUDENT(S)

Design and Fabrication of a Dog Toy Fabrication Machine

Faculty Advisor: Dr. Glenn Vallee

Sponsor: Goodwill Industries, Anne Kaboray

Brenna Dillner

Design, Testing, and Modification of SAE Baja Suspension Systems

Faculty Advisors: Dr. Anthony Santamaria, Mr. David Greenslade

Jeremy Downs

Design and Fabrication of a Tubing Straightener for HVAC Applications

Faculty Advisor: Dr. Glenn Vallee

Sponsor: Hilmor, Bryan Alfano

Ethan Freedman

Modification of a UAV for Small Package Delivery

Faculty Advisor: Dr. Richard Mindek

Brian Hellrigel

Design of a Rebound Test for Various Balls

Faculty Advisor: Dr. Mohammad Khosrowjerdi

Jordan Hollingsworth

Aircraft in Distress Simulation

Faculty Advisor: Dr. Charles Roche

Steven Jefferson

Improving Rider Experience Through Redesign of the Seat on an American Eagle Freedom Cycle

Faculty Advisor: Dr. Mary Vollaro

Sponsor: American Eagle Cycles, Tessa Newell

Robert Jenkins

Design of Safety Candle Topper

Faculty Advisor: Dr. Glenn Vallee

Peter Kelley

Fabricating of Gearbox and Frame for SAE Baja

Faculty Advisors: Dr. Anthony Santamaria, Mr. David Greenslade

Thomas Kennedy

Crack Analysis of Ring Gears

Faculty Advisor: Dr. Richard Mindek

Sponsor: Sikorsky Aircraft Corporation, David Binney

Joseph LaCourse

Motorcycle Food Delivery System: Power Generation and Food Container Design

Faculty Advisor: Dr. Glenn Vallee

Sponsor: ACRES Investments, Javier Riofrio

Jean-Luc LaLiberte

Mechanical Engineering

SENIOR DESIGN PROJECTS

STUDENT(S)

Turbojet Engine Analysis, Accessory Design and Testing
Faculty Advisors: Dr. Richard Mindek, Dr. Jennifer Mallory

Michael Lepage

Design of a Cross-Transducer Acoustic Wave Separator
Faculty Advisors: Dr. Bart Lipkens, Dr. Daniel Hatten
Sponsor: FloDesign Sonics, Dr. Walter Presz Jr.

Peter Lombardo

Automation of Twisted Wire Brush Trimming
Faculty Advisor: Dr. Mohammad Khosrowjerdi
Sponsor: Sanderson Macleod, Mark Borsari

Michael Mastriani

Upstream Acoustic Particle Filtration for an Aerospace Application
Faculty Advisor: Dr. Jennifer Mallory
Sponsor: FloDesign Inc., Wayne Thresher, Dr. Bart Lipkens, Dr. Walter Presz

Stephen Melino

Design and Entrepreneurial Innovation of a Candle
Faculty Advisor: Dr. Charles Roche

Alyssa-Monet Miller

Weight Reduction and General Optimization of Multiple Subsystems on the WNE SAE Mini Baja Vehicle
Faculty Advisors: Dr. Anthony Santamaria, Mr. David Greenslade

Ian Oaks

Design Verification and Implementation of a Data Acquisition System for a Turbocharge Jet Engine
Faculty Advisors: Dr. Richard Mindek, Dr. Jennifer Mallory

Jared Oleksiak

Hot and Cold Therapy Device
Faculty Advisor: Dr. Said Dini

Michael Petrino

Motorcycle Food Delivery System: Delivery Box Design
Faculty Advisor: Dr. Glenn Vallee
Sponsor: ACRES Investments, Javier Riofrio

Abigail Powers

Redesign of Man-Transportable Robot Arm
Faculty Advisor: Dr. Charles Roche
Sponsor: Picatinny Arsenal, Hau T. Do

Sarah Rup

Design and Construction of a Combat Robot
Faculty Advisor: Dr. Mohammad Khosrowjerdi

Jonathan Schultz

Mechanical Engineering

SENIOR DESIGN PROJECTS

Design of a Fully Automated Bicycle Dynamometer: Test Rig Design and Fabrication

Faculty Advisor: Dr. Mohammad Khosrowjerdi

Analysis of Vibrations and Their Effect on PEM Fuel Cell Performance

Faculty Advisor: Dr. Anthony Santamaria

Design and Analysis of a Large-Scale Tennis Ball Pressurizer

Faculty Advisor: Dr. Said Dini

Development of a Platform for the Cell Therapy Market for FloDesign Sonics

Faculty Advisors: Dr. Bart Lipkens, Dr. Daniel Hatten

Sponsor: FloDesign Sonics, Dr. Walter Presz Jr.

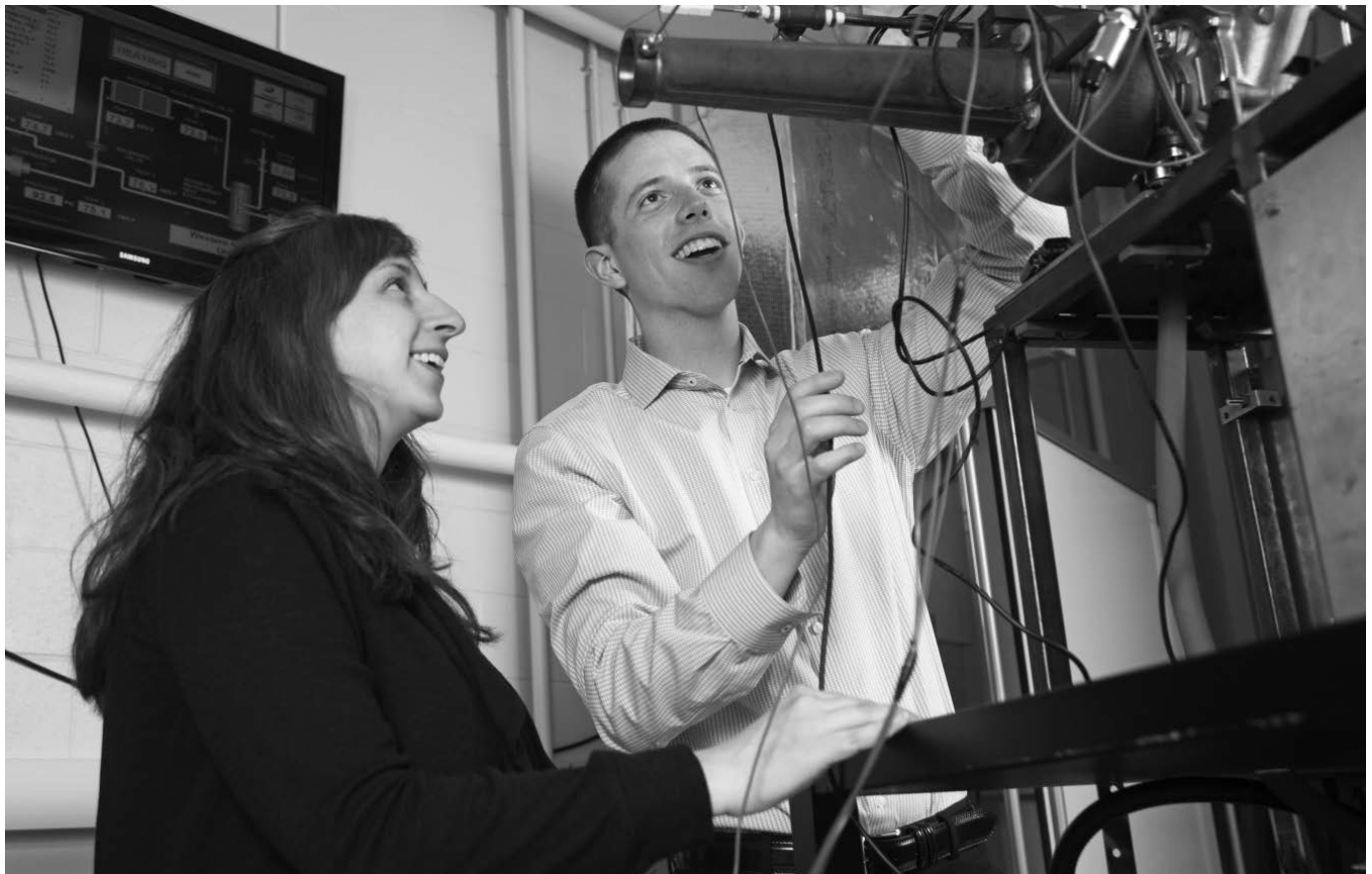
STUDENT(S)

Michael Sedlik

Justin Sellman

Christopher Spear

Christopher Urcioli



Freshman Product Innovation Projects

Hands-on Experience Working on Real-world Engineering Projects



Engineering students at Western New England University roll up their sleeves to start acting and thinking like professionals right from the first day. They work on product development projects using key engineering tools to develop their research and analysis skills. This broad view lays the foundation for understanding how the various disciplines within engineering work together in real-world application while also helping them to match their interests and talents with the right major.

Honors Freshman Engineering Projects

Medtree: Universal Access System for Hospitals

College of Engineering: Caroline Best, Ryan Noon, Isabelle Rivas

College of Business: Ashley Forest, Matt Koslowski

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

D-Foggles: Defogging Ski/Snowboard Goggles

College of Engineering: Tyler Campbell, Allison King, Alexis Van Buren

College of Business: Luda Kaletin, Justin Kohut

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

Oassis Model D: Driveway/Walkway Heating Solution

College of Engineering: Chun Chak, Brady Lucia, Brian Tran

College of Business: John Chew, Mike Chirco

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

FRM-I: A Cooking Appliance Fire Suppressant System

College of Engineering: Kyle Fehn, Joshua Goyette, Mike O'Brien, Matt Sprague

College of Business: Jonathan Wadowski

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

Tidal Wave: Wave Goodbye to Pool Problems

College of Engineering: Erin Grimes, Sean Luddy, Jonathan Mackinnon, Alexis Rader

College of Business: Matt Gifford, Stephanie Grosse

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

April Shower: An Eco-Friendly Shower System

College of Engineering: Haley Marion, Therese Rinaldi, Kayla Van Buren

College of Business: Matt Anastasi, Julia Hiney

Faculty Advisors: Dr. Robert Gettens and Dr. Harlan Spotts

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Freshman Engineering Projects

PROJECT TITLE/ADVISOR

Smart Bluetooth Push Lock, "Open Says Me"
Faculty Advisor: Dr. Ron Musiak

Protect-A-Pistol, "The Other Safety"
Faculty Advisor: Dr. Ron Musiak

DFH-3167, "Don't Sweat It"
Faculty Advisor: Dr. Ron Musiak

Cap'n Kleen!, "A New 21st Century Way of Cleaning your Hands"
Faculty Advisor: Dr. Ron Musiak

BLUE-SWITCH, "One Switch, Two Switch, Red Switch, BLUE-SWITCH"
Faculty Advisor: Dr. Ron Musiak

Mr. Sunshine, "The Device that Brightens Days, and Saves Energy"
Faculty Advisor: Dr. Ron Musiak

Awaken!, "The Quicker Getter Upper"
Faculty Advisor: Dr. Ron Musiak

Jazz Hands
Faculty Advisor: Dr. Behzad Behnia

WatchDog Security System
Faculty Advisor: Dr. Behzad Behnia

STUDENT(S)

Myles Bouchard
Andrew Foley
William Jensen
Kevin Kennure

Ashton Bourbonnais
Tyler Clinton
Ryan Donahue
Stephen Giarrusso

James Buckingham
Casey Flynn
Karl Herman
Joshua Loomis

Andrew Cappola
Andrew Kirkby
William Krasovec
Anish Patel

Anthony DePasquale
Aaron Faber
Gabriel Rodriguez
Eric Shilyuk

Robert Hamel
Nicholas Junquet
Shelby Lucker-Gentile
Patrick Luzio

Robert Massaro
Christopher Quarles
David Rakvica
Justin Richardson

Balazs Busznyak
Stephen Elkins
Luke Langelier
Kevin Taton

Priyanka George
Weston Lunnie
Kimberly Pocwierz
Matthew Talbot

Freshman Engineering Projects

PROJECT TITLE/ADVISOR

STUDENT(S)

The Bike Directional

Faculty Advisor: Dr. Behzad Behnia

Thomas Derrivan
Steven Ferreira
Ayad Filemban

The Hug Vest

Faculty Advisor: Dr. Behzad Behnia

Daytona Barrows
Jose Garcia
Zachary Newman
Daniel Werenski

Physical Therapy Touchboard

Faculty Advisor: Dr. Behzad Behnia

Muhammad Alrabighi
Benjamin Beane
Aaron Ferrante
Sean Rosso

Smart Measuring of Glass Transition Temperature of Polymers

Faculty Advisor: Dr. Behzad Behnia

Christopher Casella
Stephen Espinal
Colby Skilton
Carter Theriault

The Light-Cycle

Faculty Advisor: Dr. Behzad Behnia

Rachel Brosnan
Aleksandr Calcagno
Robert Hassan
Jacob Lyngdal

Intelligent Reflection

Faculty Advisor: Dr. Behzad Behnia

Isaias Colombani
Benjamin Iceman
Elieser Rodriguez
Adam Testa

gLock

Faculty Advisor: Dr. Behzad Behnia

Austin Baacke
Daniel Killam
Lee Peringer
Nicholas Rivet

The Hands Free Toilet Cleaner

Faculty Advisor: Dr. Behzad Behnia

Christian Chandler
Michael Sellers
William Shedd
William Yameen

Clear Sight

Faculty Advisor: Dr. Behzad Behnia

Cory Arden
Matthew Long
Andrew Naumec
Joseph Ruiz

Freshman Engineering Projects

PROJECT TITLE/ADVISOR

STUDENT(S)

ERBS: Electromagnetic Repulsion Breaking System
Faculty Advisor: Dr. Behzad Behnia

David Ambrose
Daniel Schuch
Dylan Thimothe
Blake Work

XY Gyro-Cam
Faculty Advisor: Dr. Behzad Behnia

Emily Fernschild
Zecarlos Roxo
Jeffrey Scroggins
Adam Vanasse

TempTechs
Faculty Advisor: Dr. Anthony Santamaria

Brendan Allard
Shawn Farnham
Benjamin Greenberg
Kevin Tran

Fall Sensor Vest
Faculty Advisor: Dr. Anthony Santamaria

Tony Benea
Matt Carey
Alan Haberern
Craig Hlavaty

InFlight
Faculty Advisor: Dr. Anthony Santamaria

Dean Birtwell
Tylynn Kuralt
Logan LaCroix
Jon Ricciardi
Robert Sitbon

BANC Monitors
Faculty Advisor: Dr. Anthony Santamaria

Brendan Bzdel
Nathaniel Hookumchand
Connor Minguy
Alaina Washington

Heads Up Helmet Sensor
Faculty Advisor: Dr. Anthony Santamaria

Tom Graf
Samantha Peterson
Matt Tarini
Dave Wohlmuth

Smart Medicine Cabinet
Faculty Advisor: Dr. Steven Northrup

Jennifer Kazda
Nicholas Russo
Brennen Zolnoski

Carmon—Carbon Monoxide Detector for Cars
Faculty Advisor: Dr. Steven Northrup

Travis Armento
Christopher Carbonaro
Ron Lapointe
Patrick Rice

Freshman Engineering Projects

PROJECT TITLE/ADVISOR

babyBeat—Baby Heart Rate Monitor
Faculty Advisor: Dr. Steven Northrup

IceTop—Smart Laptop Cooler

Faculty Advisor: Dr. Steven Northrup

Super Solar Trackomatic—Solar Panel Position Controller and Power Optimizer

Faculty Advisor: Dr. Steven Northrup

Form Aide—Weight Lifting Trainer

Faculty Advisor: Dr. Steven Northrup

The Smart Shooter Tutor: A Device for the Development of Hockey Skills

Faculty Advisor: Dr. Matthew Romoser

ICanSee Cane: An Edge Sensing Cane for the Visually Impaired

Faculty Advisor: Dr. Matthew Romoser

The Perfect Step: A Pressure Sensor Matrix to Correct Gait

Faculty Advisor: Dr. Matthew Romoser

M.A.R.S (Magazine Auto-Locking Rifle System):

A Smart Lock Mag for Gun Safety

Faculty Advisor: Dr. Matthew Romoser

Tic-Tac-Toe: Competitive Score Keeping Yard Game

Faculty Advisor: Dr. Matthew Romoser

SmartFind: A Smart Device to Find Your Most Cherished Everyday Objects

Faculty Advisor: Dr. Matthew Romoser

STUDENT(S)

Jannah Brennan
Samuel Caton
Daniel Paradiso
Alexander Ralston

Mohammed Alassaf
Eric Droz
Joseph Martoccia
Le'Bran Mussio

Brion Dufek
Maxwell James
James Karl
Christian Thompson

Gavin Colwell
Ezekiel Kuenzi
Jacob LaFerriere
Chad McKenna

Sabrina Armento
Tyler Hines
David Kleyman
Trent Robinson

Hunter Cocks
Hez Duncan
Artem Potsuray
Brian Valeriano

Nate Blanchette
Joe Connors
Ledgen Luzny
Katelyn Primmer

Jimmy Black
Carter Davis
Delaney Selanis
Alex Varhol

Vinny Lalumia
Hillary Naranjo-Mejia
Austin Steeves

Mohamed Alqadasi
Will Lloyd
Andrew Spada
Jason Theriault