Wichita State University College of Engineering

Engineering Open House Banquet
Student Awards

College of Engineering

Friday May 8th

9am-6pm

wichita.edu/engineeringopenhouse
Best of Show 4th Runner Up

No Fun Allowed: Senior Design Rocket Plane

David Herrington, Isaac Hoetmer, Andrew Holup, Nathan Templon, Eric Zuelke
The Boeing Company – Award of Excellence

Best of Show 3rd Runner Up

- Design of a ¾ Tall Barrier for UTV’s
- Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietcheck
The Boeing Company – Award of Excellence

Best of Show 2nd Runner Up
- Resilience Quantification & Allocation for Design of Complex Engineered Systems
- Nita Yodo
Best of Show 1st Runner Up

RISE (Rocket Inspiring Shocker Engineering)

Tyrone Boswell, Mary Maneth, Fernanda Quezada, Amanda Smith, Christina Wilson
The Boeing Company – Award of Excellence

- Best of Show
  - DeAD Company
    - Brandon Epp, Liz Jaax, Khoi Li, JorDawn Ramirez, Tommy Staab
Westar –
Taking Innovation to Heart

- Fifth Place
  - Parking Metrix
  - Hanie Baayoun, Bryce Childs, Isaac Roehm, George Swartzendruber
Westar –
Taking Innovation to Heart

- Fourth Place
  - Trail Camera Mount
  - Dylan Hess, Seth Jackson, David Pizzuto
Third Place

- Camera Based Electronic Controller
- Michael Dukes, Jake Matt, Lateefah Miller, Alex Truong
Westar –
Taking Innovation to Heart

- Second Place
  - PetConnector
  - Alex Carlin, Alex Ferm, Josh Gable, Christian Kindel, David McAdam, Dallin Pincock
First Place

- Project Mouse Trap
- Matthew Copeland, Taylor Floyd, Jarret Krueger, Christopher Nguyen, Mark Stucky
Aerospace

RISE (Rocket Inspiring Shocker Engineering)

Tyrone Boswell, Mary Maneth, Fernanda Quezada, Amanda Smith, Christina Wilson
Spirit AeroSystems – Outstanding Project

- Electrical & Computer Science
- Project Mouse Trap
- Matthew Copeland, Taylor Floyd, Jarret Krueger, Christopher Nguyen, Mark Stucky
Spirit AeroSystems – Outstanding Project

- Industrial & Manufacturing
  - Case New Holland
  - Ali Alsugair, Alyshia Guerrero, Aditya Holkar, Henry Ramirez
Mechanical

- Inverted Robotic Rail System
- Hassin Al Khalifa, Hassan Al-Tulaihi, Joshua Countryman, Michael McCallop, Leon Nguyen, Justin Scott
NetApp HSG Innovation Award

- Third Place
  - Surgical Helmet
  - David Jorgensen, Anh Le, Leila Youssef
NetApp HSG Innovation Award

- Second Place
  - Parking Metrix
  - Hanie Baayoun, Bryce Childs, Isaac Roehm, George Swartzendruber
NetApp HSG Innovation Award

- First Place
  - PetConnector
  - Alex Carlin, Alex Ferm, Josh Gable, Christian Kindel, David McAdam, Dallin Pincock
Second Place

- Design of a ¾ Tall Barrier for UTV’s
- Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietcheck
First Place

- Smart Mouth Guard
- Ryan Becker, Kim Cottrell, Hieu Nguyen
PEC Award of Excellence

- Third Place
  - Super Shield
  - Taylor Cheek, Megan Hanson, Edgar Monterrubio, Adam Price, Quentin Vossman
PEC Award of Excellence

- Second Place
  - Smart Socket
  - Nicolas Gallo, Wise Osagie
PEC Award of Excellence

First Place

- ASHRAE
- Joseph Bolton, Anthony Bonavia, Philip Landrum, Lance Loganbill, Robert Van Gooswilligen
First Place

- Smart Socket
  - Nicholas Gallo, Wise Osagie
Mechanical Engineering
- Design of a ¾ Tall Barrier for UTV’s
- Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietcheck
Siemens - Most Innovative Project

- First Place
  - Extrusion Milling Machine
  - Suveen Emmanuel, Landon Huslig, Ian Keefe, Taylor Snider
Mechanical Engineering

Design of A ¾ Tall Barrier for UTV’s

Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietcheck
Koch Industries - Most Entrepreneurial Undergraduate Project

- Electrical Engineering
  - Smart Socket
  - Nicolas Gallo, Wise Osagie
First Place

No Fun Allowed: Senior Design Rocket Plane

David Herrington, Isaac Hoetmer, Andrew Holup, Nathan Templon, Eric Zuelke
Second Place

RISE (Rocket Inspiring Shocker Engineering)

Tyrone Boswell, Mary Maneth, Fernanda Quezada, Amanda Smith, Christina Wilson
First Place

- Effect of Subsonic Wind Tunnel Surface Treatment on Drag
- Andrew Holup, Nathan Templon
Clark Beck- Excellence in Communication Award

- PetConnector
- Alex Carlin, Alex Ferm, Josh Gable, Christian Kindel, David McAdam, Dallin Pincock
Clark Beck- Excellence in Communication Award

- StylusStick – Mouth Stick for Pediatric Quadriplegic Patients
- Kaitlyn Howard, Courtney Krugh, Hootan Mehraein
Clark Beck- Excellence in Communication Award

- The Good Young Engineers
  - Caleb Bannon, Mriganayan Gogoi, Sharang Kirloskar, Arnav Rana, Eric Ruby
Ad Astra Kansas Foundation-Randall Chambers Award

- First Place
  - AIAA Design Build Fly
    - Trey Cleaveland, Patrick Clough, Michael Lamb, Aaron Maurer, Roy Moye III
APICS – Best Operations Managements Award

- Third Place
  - Heroux Devtek Actuator Test Stand Improvement
  - Mohammed Alwashmi, Oyinkan Bakare, Jody Clifton, Brandon Miller
Second Place

Development of New Facility Layout for Red Guard USA

Samir Alsobhi, Shamith Shetty, Ram Kumar
First Place

Parts Identification During Part Finishing Process

Mohammed Alateq, Ahmed Aleid, Scott Banman, Michael Cook, Eric Gonzalez, Michael Whisler
Second Place

AIAA Design Build Fly

Trey Cleaveland, Patrick Clough, Michael Lamb, Aaron Maurer, Roy Moye III
First Place

RISE (Rocket Inspiring Shocker Engineering)

Tyrone Boswell, Mary Maneth, Fernanda Quezada, Amanda Smith, Christina Wilson
Second Place

- Active Cooling Helmet
- Sultan Alrakyan, Jeremiah Jamison, Chris Trapp, Zachary Weaver
IEEE- Top Innovation Design

- First Place
  - Team Substation Design
  - Richard Bazuaye, Richard Sack, Garrett Storm, Gregory Ugiomoh
IIE – Best Undergraduate Project

- Industrial & Manufacturing Engineering
  - Heroux Devtek Actuator Test Stand Improvement
  - Mohammed Alwashmi, Oyinkan Bakare, Jody Clifton, Brandon Miller
IIE – Best Undergraduate Project

- Engineering Technology
  - Robomation: The Trimming of the Future
  - Rogelio Fernandez, Peter Koyainis, Nakul Patel
Industrial & Manufacturing Engineering

- Development of Production System for New RedGuard USA
- Seyed Ali Mirzapour, Samir Alsobhi, Ram Kumar, Sachin Anil Varkey, Shamith Shetty
Third Place

No Fun Allowed: Senior Design Rocket Plane

David Herrington, Isaac Hoetmer, Andrew Holup, Nathan Templon, Eric Zuelke
Second Place

- Passive Flaps As A Viscous Drag Reduction Technique
- Aparna Chandramouli, Adeesha Vanderwall, Pirashandam Varatharaj
First Place

- DeAD Company
- Brandon Epp, Liz Jaax, Khoi Li, JorDawn Ramirez, Tommy Staab
Third Place

- Load Weight for ATV
- Hassan Alabdulsalam, Salem Alarnoos, Abdulaziz Aldossary, Omar Alsaiari, Nhat Tran, Huong Nguyen
Second Place

Parts Identification During Finishing Process

Mohammed Alateq, Ahmed Aleid, Scott Banman, Michael Cook, Eric Gonzalez, Michael Whisler
First Place

Design Of A ¾ Tall Barrier for UTV’s

Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietcheck
Third Place

- Took Rake Face Temperature Distribution by Near Infrared Thermography While Using YAG Tools to Machine T16AL4V
- Jean Carlos Garcia-Gonzalez
Second Place

- Structural Reliability Analysis in Disjoint Active Failure Regions

- Xiaolong Cui
First Place

- Modelling and Simulation of Fluid Flow through a Dynamic Electrochemical Biodegradation Test Apparatus

- Shawn Hughes
WSU Aerospace Engineering

- Outstanding Project
- Third Place
  - Senior Design: Team Insomnia
  - Matt Cantrell, Bill Kusmez, James McMullin, Adam Taylor, Ivan Trail
WSU Aerospace Engineering

- Outstanding Project
- Second Place
  - NAVI Flying Wing – DBF Missions
  - An Dang Bui, Phuonghanh Thi Bui, Rajendra Nidal, Yohanes Calvin Setiadi, Craig Robert Wilkinson
WSU Aerospace Engineering

- Outstanding Project
- First Place
  - RISE (Rocket Inspiring Shocker Engineering)
  - Tyrone Boswell, Mary Maneth, Fernanda Quezada, Amanda Smith, Christina Wilson
Bert L. Smith Outstanding Graduating Senior of 2015

- Maria Fernanda Quezada Valladares
2015 Outstanding Student Member of Sigma Gamma Tau

Nathan S. Templon
WSU Aerospace Engineering

AIAA Design/Build/Fly Team
- Placed 15th out of 84 teams competing
- Team Wiffle Weizen
- Trey, Cleaveland, Patrick Clough, Michael Lamb, Aaron Maurer, Roy Moye III
Best of luck to our Bronze Propeller Competitors flying tomorrow!
Second Place

- Surgical Helmet
- David Jorgensen, Anh Le, Leila Youssef
First Place

- Wearable Remote Health Monitoring
- Brandon Bartlett, Travis Vo, Linh Vu
Outstanding Senior Award

- Kayla Jensen
WSU Biomedical Engineering

- BMES “Bridge Builder” Award
  - Courtney Krugh
EECS Senior Design I
Third Place

Team CPRF (Simple Interface)
Chikondi Kafaamveka, Ly Nguyen, Phillip Smith, Ron Wenger, Tanner Wilbeck
WSU Electrical Engineering & Computer Science

- EECS Senior Design I
- Second Place
  - Project Mouse Trap
  - Matthew Copeland, Taylor Floyd, Jarret Krueger, Christopher Nguyen, Mark Stucky
EWU Electrical Engineering & Computer Science

- EECS Senior Design I
- First Place
  - DeAD Company
  - Brandon Epp, Lix Jaax, Khoi Li, Jordawn Ramirez, Tommy Staab
WSU Electrical Engineering & Computer Science

- EECS Senior Design II
- Third Place
  - NetApp Cable Project
  - Courtney Bohannan, Tharindu Hendavitharana, Khanh Hoang
EECS Senior Design II
Second Place
- Team Auto Theft Shield
- Hussain Abada, Kim Yong Lim, Seth Ledbetter, Michael Yeshiambel
EECS Senior Design II
First Place

Parking Metrix

Hanie Baayoun, Bryce Childs, Isaac Roehm, George Swartzendruber
WSU Industrial & Manufacturing Engineering

- Best Undergraduate Student
  - Jonathan Bonczyk
Best Graduate Student

Halil I Cobuloglu
Best Graduate Student

Abdulaziz Almaktoom
Third Place

Parts Identification During Part Finishing Process

Mohammed Alateq, Ahmed Aleid, Scott Banman, Michael Cook, Eric Gonzalez, Michael Whisler
Second Place

Design of A ¾ Tall Barrier for UTV’s

Jeffry Brown, David Marshall, Will Morris, Colin Phillips, Jayme Rietchek
First Place

- Extrusion Milling Machine
- Brett Houser, Suveen Emmanuel, Landon Huslig, Ian Keefe, Taylor Snider
Third Place

Case New Holland

Ali Alsugair, Alyshia Guerrero, Aditya Holkar, Henry Ramirez
Second Place

- WSU Purchasing Process
- Naser Alazemi, Abdulaziz Alkhattaf, Stephanie Stacey, Pablo Weller
First Place

- Textron Sand and Fill Process Improvement
- Mohannad Babagi, Sylvina Barreto, Thomas Jones, Khaled Kassar
Industrial & Manufacturing Engineering Undergraduate Project

- Textron Aviation Paint Process Improvement

- Naif Alahmadi, Cody Lanier, Arlene Raymundo, Eduardo Zorraquin
Industrial & Manufacturing Engineering Graduate Project

- Development of New Facility Layout for Red Guard USA
- Samir Alsobhi, Shamith Shetty, Ram Kumar
Graduate Project – Third Place

Resilience Quantification & Allocation for Design of Complex Engineered Systems

Nita Yodo
Graduate Project – Second Place

- Structural Reliability Analysis in Disjoint Active Failure Regions
- Xiaolong Cui
Graduate Project – First Place

Tool Rake Face Temperature Distribution by Near Infrared Thermography While Using YAG Tools to Machine T16AL4V

Jean Carlos Garcia-Gonzalez
Undergraduate Project – Third Place

- Textron Aviation Paint Process Improvement
- Naif Alahmadi, Cody Lanier, Arlene Raymundo, Eduardo Zorraquin
IIE Student Chapter - Best Project

- Undergraduate Project – Second Place
  - Heroux Devtek Actuator Test Stand Improvement
  - Mohammed Alwashmi, Oyinkan Bakare, Jody Clifton, Brandon Miller
Undergraduate Project – First Place

Veteran Administration Check In Process

Naser Alazemi, Amer Almousa, Fahad Alzamil, Jonathan Bonczyk
Survivalist Award

- NAVI Flying Wing – DBF Missions
- An Dang Bui, Phuonghanh Thi Bui, Rajendra Nidal, Yohanes Calvin Setiadi, Craig Robert Wilkinson
Innovation Award

PetConnector

Alex Carlin, Alex Ferm, Josh Gable, Christian Kindel, David McAdam, Dallin Pincock
Third Place

Robomation: The Trimming of the Future

Rogelio Fernandez, Peter Koyainis, Nakul Patel
Second Place

Development of Production System for New RedGuard USA

Samir Alsobhi, Ram Kumar, Sachin Anil Varkey, Shamith Shetty
First Place

DeAD Company

Brandon Epp, Liz Jaax, Khoi Li, JorDawn Ramirez, Tommy Staab
Distinguished Alumni Fellow

- Imbed video here
Distinguished Alumni Fellow

- Congratulations Michael Carriker!
Student Choice Award

- Desolation of the Daleks
- Jeremy Marshall, Johnny Marshall
Polished Professor Award

- Aerospace
  - Dr. Brandon Buerge
Polished Professor Award

- Biomedical
  - Dr. Gary Brooking
Polished Professor Award

- Electrical & Computer Science
  - Dr. Preethika Kumar
Polished Professor Award

- Engineering Technology
  - Kara McCluskey
Polished Professor Award

- Industrial & Manufacturing
  - Dr. Krishna Krishnan
Polished Professor Award

- Mechanical Engineering
  - Dr. Ramazan Asmatulu
Wallace Awards

- Graduate Teaching Award
  - Huabo Lu (EECS)
Wallace Awards

- Graduate Research Award
  - Lun Li (EECS)
Wallace Awards

- Excellence in Research Award
  - Dr. Animesh Chakravarthy
Wallace Awards

- Excellence in Teaching Award
  - Dr. Anil Mahapatro
Wallace Awards

- Experience Based Teaching Award
  - Dr. Ramazan Asmatulu
College of Engineering-Medallion Awards

- Sam Bloomfield Chair in Engineering
  - Dr. Muhammad Rahman
College of Engineering-Medallion Awards

- H. Russell Bomhoff Endowed Professorship in Engineering
  - Dr. Michael Papadakis
Marvin J. Gordon Endowed Professorship in Engineering
- Dr. Klaus Hoffmann
Boeing Global Engineering Leadership Professorship

Dr. Abu Masud

5 Year Appointment
College of Engineering-Medallion Awards

- Sam Bloomfield Chair in Aerospace Engineering
  - Dr. John Tomblin
College of Engineering- Faculty Awards

- Award Name
  - Faculty Name
College of Engineering- Faculty Awards

- Award Name
  - Faculty Name
Thank you!

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