

2009 Undergraduate Competition

CHAIRMAN AWARD

Jason Livingston

Katelynne Carr

Kevin Gockenbach

FOR THE ENTRY: *Comparison of Constant Current & Constant Voltage Power Supplies for Gas Shielded Flux Cored Arc Welding*

The Ohio State University, Professor David Phillips – Welding Engineering Department

GOLD (First Place)

Frank Argentine

James Rule

Jason Hurst

FOR THE ENTRY: *Innovative Filler Metal for Gas Tungsten Arc Welding on Hastelloy X Weldments without Backside Shielding*

The Ohio State University, Professor Sudarsanam Suresh Babu – Welding Engineering Department

SILVER (Second Place)

Christopher Joyce

Maria Lupo

Jordan Schwartz

FOR THE ENTRY: *Carbon Fiber Heating Element Production Improvement*

University of Illinois, Urbana-Champaign, Professor James Carnahan – Industrial & Enterprise Systems Engineering Department

Jacob Babu

Jonathan Homan

David Kubicki

FOR THE ENTRY: *Universal Base Frame Design*

University of Illinois, Urbana-Champaign, Professor Henrique dos Reis – Industrial & Enterprise Systems Engineering Department

BRONZE (Third Place)

Margaret Zantow

Andy Thompson

John Daubert

FOR THE ENTRY: *Effect of Pre-Heating on Vibration Welding of Thermoplastics*

The Ohio State University, Professor Avraham Benatar – Welding Engineering Department

Christopher Knowlton

Brian Matesic

Laura Hubley

FOR THE ENTRY: *Tin Silver Root Cause and Elimination in Progressive Stamping*

University of Illinois, Urbana-Champaign, Professor Louis Wozniak – Industrial & Enterprise Systems Engineering Department

Saiswaroop Boddupalli

Kyle Hanstad

Eric Lisle

FOR THE ENTRY: *Gourmet Ice Liquidless Refrigeration Testing*

University of Illinois, Urbana-Champaign, Professor Scott Burns – Industrial & Enterprise Systems Engineering Department

MERIT (Fourth Place)

Drew Spears

James McClellan

Zane Bogosian

FOR THE ENTRY: *Process Evaluation of Submerged Arc Welding with Strip Electrode*

The Ohio State University, Professor Boian Alexandrov – Welding Engineering Department

Megan McGovern

Jeremy Mink

Jordan Van Loon

FOR THE ENTRY: *Extruder Quill Design Analysis*

University of Illinois, Urbana-Champaign, Professor Henrique dos Reis – Industrial & Enterprise Systems Engineering Department

Jonathan Cisek

Tracy Groholski

Katherine Ropiak

FOR THE ENTRY: *Tortilla Die-Cutting Process Scrap Reduction*

University of Illinois, Urbana-Champaign, Professor David Goldberg – Industrial & Enterprise Systems Engineering Department

Brendan Danielson

John Noble

Emmalyn Riley

FOR THE ENTRY: *Spray Drying Flavor Retention Improvement*

University of Illinois, Urbana-Champaign, Professor James Carnahan – Industrial & Enterprise Systems Engineering Department

Elliott Cho

Bhavik Patel

Jessica Wood

FOR THE ENTRY: *Rotary Brush and Pad Comparison Testing*

University of Illinois, Urbana-Champaign, Professor Brian Lilly – Industrial & Enterprise Systems Engineering Department

Ishan Khaitan

Kevin Malone

Peter Matteucci

FOR THE ENTRY: *Cooler Door Redesign*

University of Illinois, Urbana-Champaign, Professor W Brenton Hall– Industrial & Enterprise Systems Engineering Department

Mark Michelotti

Izaak Neveln

Gregory Tiffany

FOR THE ENTRY: *Heads-Up Display Calibration Time Reduction*

University of Illinois, Urbana-Champaign, Professor Ramavarapu Sreenivas– Industrial & Enterprise Systems Engineering Department

Adam O'Brian

Joseph Doyle

Nathan Mandeville

FOR THE ENTRY: *Evaluating Automated Extended Stickout GMAW*

The Ohio State University, Professor Dave Parson – Welding Engineering Department