



## 2016 Section Awards



### AIAA/ASME AWARDS BANQUET

24 May 2016

The University of Dayton, Dayton, Ohio

#### AGENDA

6:00 – 6:45	Social Hour (Cash Bar)
6:45 – 6:50	Welcome & Opening Remarks
6:50 – 7:45	Dinner
7:45 – 9:00	Awards Program
9:00	Adjourn

#### AWARDS

##### ASME Science Fair Awards

Matt Polanka      Mel Gunawardena      Elijah Cushman & Camron Harris

##### Dayton Engineering Sciences Symposium Best Presentation

Marcus Bracey	Corey Kondash	Jacob Singleton
Marcelo Dapino	Peter Menart	Robert Stachler
Sidaard Gunasekaran	Sean Nuzum	Melissa Taylor
Clay Humphreys	Vidur Prasad	
Kevin Knapp	Marcia Roth	

##### ASME Member Longevity

Robert Chasnov (25)	Gary Dale (25)	Steve Olson (25)
Stephen Clay (25)	David Gerardi (25)	Hitesh Kumar Trivedi (25)
Charles Cross (25)	Jenny Hodge (25)	Anatol Wojtowicz (50)
John Cwiklewski (25)	John Norton (25)	

##### ASME Dayton Section Young Engineer of the Year Award

Robert Stachler

##### ASME Dayton Section Outstanding Contribution Award

Dr. Benjamin Halls  
For contributions towards the advancement of laser based diagnostics of combustion systems

##### ASME Dayton Section Lifetime Achievement Awards

Dr. Nathan Klingbeil  
In recognition of developing an Engineering Mathematics Education model, along with technical accomplishments in the area of fracture mechanics, and sustained service to ASME

##### ASME Chairman's Award

Marcus Bracey



## 2016 Section Awards



### AIAA AWARDS

#### Montgomery County Science Fair

Curtis Mackey      Nicolas Pitrof      Juliann Huber

#### UC Science & Engineering Expo

Gabriel Dobrozsi      Adam Smith      Kevin Wedig

#### DCASS Art-in-Science Awards

Betty Quinton	"Silica Viper with Iron Particles"
Helmut Koch, Bradley Butler, Michael Winter	"1st vs 4th State of Matter"
Paul Gulotta	"Supersonic Clouds"
Christopher Koehler	"Goal-Driven Flow Visualization of a Complex Vortical Flow"

#### DCASS Best Technical Presentation Awards

Joseph Ausserer	Fuels	Joseph Miller	Diagnostics
Tyler Dicks	Space	Pablo Mora	Exp. Applications
Christopher Fisher	Optimization	Mark Reeder	Fluid Dynamics
William Graves	Materials	Jim Tancred	Hypersonics
Kerianne Gross	Space Dynamics	Matthew Tufts	Hypersonics
Benjamin Halls	Combustion	Tim Vincent	CFD
Joshuah Hess	Space Dynamics	Connor Wiese	Heat Transfer
Adam Katterheinrich	Facilities		

#### AIAA Member Longevity

Aaron Altman (25)	Lynnette Blaney (25)	Richard Cedar (25)
Sean Coghlan (25)	Rick Graves (25)	Frank Gulczynski (25)
Robert Hancock (25)	Michael Ol (25)	Marc Polanka (25)
Mark Reeder (25)	Cynthia Robertson (25)	R Kevin Rowe (25)

Eric Abell (40)	Steward Cline (40)	Keigh Davis (40)
Dean Matz (40)	William Smith (40)	Awatef Hamed (50)

Herbert Hickey (60)	Joseph Martino (60)	Charles Suchomel (60)
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#### AIAA New Associate Fellows

John Doty

Faure Joel Malo-Molina



## 2016 Section Awards



### AIAA National Award Winners

#### AIAA Fellow

##### Dr. Jim Gord, Air Force Research Laboratory

"For significant and outstanding contributions to the advancement of gas turbine propulsion systems through innovative laser-based and optical diagnostic approaches."

#### AIAA Fellow

##### Dr. Ajit Roy, Air Force Research Laboratory

"For his outstanding contribution in the development and technology transition of porous nanomaterials, thermal nanomaterials, durable thermal interface, and carbon foam."

### AIAA Section Award Winners

#### AFIT Graduate Student Award for Service Excellence

##### Capt Joshua Shepard, AFIT

"For Service to the Aerospace Profession via your volunteer work to STEM related activities. These included volunteering at TechFest, AFIT Engineers Week, Science Fair Judging, and serving as a tour guide among other contributions"

#### Outstanding Technical Contribution - Science Award

##### Dr. Edward Alyanak, Aerospace Systems Directorate, AFRL

"For his significant scientific achievements in revolutionizing aircraft conceptual design including the modeling of interdependencies between propulsion, thermal management, and fuel subsystems"

#### Outstanding Technical Contribution - Application Award

##### Dr. Darius Sanders, Aerospace Systems Directorate, AFRL

"For the identification of unsteady, three dimensional vortex physics in diffusing flowfields using high-fidelity CFD and comparison to unsteady experimental data"

#### Outstanding Management Contribution Award

##### Dr. Jose Camberos, HQ, AFRL

"For outstanding initiative and leadership in creating AFRL's University Relations program and now expertly managing through its second year of execution"

### Special Service Citation

### Chairman's Awards



American Institute of  
Aeronautics and Astronautics



American Society of  
Mechanical Engineers

## AIAA DAYTON-CINCINNATI ASME DAYTON ANNUAL HONORS & AWARDS PROGRAM



University of Dayton  
May 24, 2016