Welcome to the 13th Annual Scholarly Speaking 2018
Welcome

Dr. Frank Ayers
Chancellor

Author Recognition

Sarah Thomas
Director, Hazy Library and Learning Center

Dr. Richard Bloom
Chief Academic Officer

Faculty Speakers

LIGO – Listening to the Sounds of Space Time

Dr. Michele Zanolin
College of Arts and Sciences

Dr. Brennan Hughey
College of Arts and Sciences

Dr. Andri Gretarsson
College of Arts and Sciences
Bibliography of Publications & Presentations in 2017

Embry-Riddle Aeronautical University
Prescott Campus Community

March 29, 2018


David Ehrensperger

Department: Hazy Library & Learning Center

Research Area: Interdisciplinary scholarship and collaboration, Open access/institutional repositories, Ethics—environmental and otherwise, and Metaphysics


Thomas Field

College: Security & Intelligence

Department: Intelligence Studies & Global Affairs

Research Area: International history of Latin America, Cold War in the Third World, US diplomatic history, Contemporary Bolivian history


Thomas Field — Continued


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Jonathan Gallimore

**College:** Arts & Sciences  
**Department:** Behavioral & Safety Science  
**Research Area:** Processing of perceptual and action features, Action representation, Selective attention, Short-term memory, Working memory, Dual task performance, Vision and perception, Human factors, Walkability


Michele Gazica

College: Arts & Sciences
Department: Behavioral & Safety Science
Research Area: Occupational health and safety, Meaningful work - the work-family interface, Work stress, Organizational behavior and leadership, Assessment methods: development and validation


Javad Gorjidooz

College: Arts & Sciences
Department: Business
Research Area: Economic impact analysis, Pilot shortages


Dawn Groh

College: Aviation

Department: Aeronautical Science

Research Area: Use of relevant simulation to rehearse at risk scenarios that develop safe decision making skills, Best practices with industry advisory boards, Student centered teaching in the aviation classroom


Jon Haass

College: Security & Intelligence

Department: Cyber Intelligence & Security

Research Area: Cyber Intelligence Threat Hunting, Cyber Threat Sharing, Aviation Cyber Security, Internet of Things Security


Timothy Holt —Continued


Curtis James
College: Aviation
Department: Applied Aviation Sciences
Research Area: Mesoscale meteorology, Mountain meteorology, Radar meteorology, Cloud dynamics


Preston Jones
College: Arts & Sciences
Department: Physics & Astronomy
Research Area: Gravity, Quantum field theory


Eileen Landis-Groom

College: Arts & Sciences
Department: Humanities & Communication
Research Area: Travel literature, Teaching writing, Creative writing


Wahyu Lestari

College: Engineering
Department: Aerospace Engineering
Research Area: Structural health monitoring and damage detection of composite structures, Damage mechanics and failure analysis of composites, Analytical and experimental applied mechanics


Juan Merkt

College: Aviation

Department: Aeronautical Science

Research Area: Energy management training, Aerospace physiology, Aviation program accreditation, Aviation curriculum development


Sarah Nilsson

College: Aviation
Department: Aeronautical Science
Research Area: Aviation and drone law


Jennah Perry

College: Aviation

Department: Applied Aviation Sciences

Research Area: Unmanned traffic management, Education and training, Educational leadership, UAS, ATC


Rustin Reed

College: Arts & Sciences

Department: Behavioral & Safety Science

Research Area: Industrial hygiene, Occupational safety and health, Data science and health monitoring


Joel Schipper

College: Engineering
Department: Electrical, Computer & Software Engineering
Research Area: Toxic exposures


Timothy Sestak

College: Aviation
Department: Aeronautical Science Department
Research Area: Wingsuits

Brooke Shannon

College: Security & Intelligence
Department: Intelligence Studies & Global Affairs
Research Area: Knowledge and information practices, East Africa, Research methodologies, Discourse analysis, Phenomenology, Hermeneutical analysis


Shannon, B. (2017). *Sex trafficking: Framing the issue*. Invited speaker at the 2017 Investigative Reporters & Editors Conference, Phoenix, AZ.

Sam Siewert

College: Engineering
Department: Electrical, Computer & Software Engineering
Research Area: Computer Vision, real-time, embedded, interactive systems


Johnny Young

College: Aviation

Department: Applied Aviation Sciences

Research Area: Integrating UAS into the National Airspace, Using UAS for accident investigation, Bridging the gap between manned and unmanned aviation


Michele Zanolin

College: Arts & Sciences

Department: Physics & Astronomy

Research Area: Gravitational physics or cosmology


Michele Zanolin —Continued


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**Hong Zhan**

**College:** Arts & Sciences  
**Department:** Humanities & Communication  
**Research Area:** Integrating technology in language, Language teaching and learning in virtual environments

All authors recognized today will be receiving a gift as well as a cookie in shape of the Open Access logo, handmade by Sarah Thomas, Hazy Library Director.

Here is the story of that cookie...

In 2014, Musselman Library at Gettysburg College wanted to do something fun for their Open Access Week events to celebrate the idea of open access alternatives to traditional publishing. Their Scholarly Communications Committee conceived the idea of cookies in the shape of the open access logo.

They did not, however, know how to design the code for the cookie cutter for their 3D printer. Doing what librarians do, they reached out to their colleagues, in this case the bepress Digital Commons client community for assistance. Embry-Riddle’s own Chip Wolfe (Digitization Specialist at Daytona Beach) took up the challenge of creating the cookie cutter in STL format at ERAU’s Florida campus. Chip’s success allowed Musselman Library to have their open access cookies in 2014 for Open Access Week, and for the Hazy Library to have its cookies (and eat them too!) for Scholarly Speaking in 2018.

We are very grateful to Chip Wolfe for sending his code for the cookie cutter, and to David Ehrensperger for ensuring the Hazy Library had access to it! Finally, thanks to Dr. Mehran Andalibi, Evan Kline, and Embry-Riddle’s Rapid Prototyping Lab for creating the ERAU version of the Open Access cookie cutter that made these cookies possible.

The Story of the Open Access Cookie Cutter
(http://cupola.gettysburg.edu/cgi/viewcontent.cgi?article=1006&context=oa-week)
Hazy Library and Learning Center
Scholarly Speaking Committee

David Ehrensperger, Chair
Linda Eisner
Joanne Evanoff
Kathy Hill
Laura Pope Robbins
Jessica Quarles
Suzie Roth
Sarah Thomas
Patricia Watkins
Initiated in 2005, the mission of Scholarly Speaking is to recognize the publishing accomplishments of the Embry-Riddle Aeronautical University Prescott Campus Community.

This program is not an official record of all publications or scholarly activity at ERAU, Prescott.