Bibliography
of
Publications & Presentations
in 2013

Embry-Riddle
Aeronautical University
Prescott Campus
Community

March 20, 2014

Quentin G. Bailey
College: Arts & Sciences
Department: Physics

Research Area:
♦ Theoretical and experimental aspects of testing special and general relativity

2013 Publications:
**Angela Beck**  
**College:** Arts & Sciences  
**Department:** Humanities & Communications

**Research Areas:**
- Sociocognitive theories of language acquisition and expertise, especially as they apply to composition studies
- Team-teaching and collaborative education
- Writing for specific purposes
- Strategy instruction especially applied to the teaching of technical writing

**2013 Publications:**

**Richard W. Bloom**  
Chief Academic Officer  
**College:** Security & Intelligence

**Research Areas:**
- Aviation intelligence and security systems
- Profiling
- Terrorism, anti-terrorism, and counterterrorism
- Threat, vulnerability, and risk assessment
- Intelligence collection and analysis, covert action, and counterintelligence
- Personnel security
- The psychology of information warfare
- Critiques of post-modernism and post-structuralism in the contexts of psychological assessment and interpretations of historical, biographical, and autobiographical narrative

**2013 Publications:**
Bloom, R. W. "La Petite Madeleine is Not so Petite." [Review of the Film the Perks of being a Wallflower]. PsycCRITIQUES 58.30 (2013).


---. "That was no Rabbit; That was My Life." [Review of the Film Seven Psychopaths]. PsycCRITIQUES 58.13 (2013).


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2013 Publications:


Brent Bowen (continued)

2013 Publications:

Erin Bowen
College: Arts & Sciences
Department: Safety Science

Research Area:
♦ Industrial Psychology and Safety
♦ Aviation Psychology
♦ Safety culture
♦ Statistical research methodological assessment methods in safety

2013 Publications:
Erin Bowen (continued)

2013 Publications:


Leeann Chen

College: Arts & Sciences
Department: Humanities & Communications

Research Area:
♦ Foreign-language and Chinese as a foreign language pedagogy
♦ Study abroad
♦ College writing in a specialized discipline

2013 Publications:
Jack Crabtree
College: Engineering
Department: Electrical Engineering

Research Areas:
♦ Electrical and Computer Engineering

2013 Publications:

Nick Devereux
College: Arts & Sciences
Department: Astronomy

Research Areas:
♦ Astronomy

2013 Publications:
Thomas Field
College: Security and Intelligence

Research Areas:
♦ International history of Latin America
♦ Cold war in the Third World
♦ US diplomatic history
♦ Contemporary Bolivian history

2013 Publications:


Iacopo Gentilini

**College:** Engineering  
**Department:** Aerospace and Mechanical

**Research Areas:**
- Robotics

**2012 Publications:**


Javad Gorjidooz

**College:** Arts & Sciences  
**Department:** Business

**Research Areas:**
- Economic Impact Analysis & Pilot Shortages

**2013 Publications:**


Melissa Gottwald

**College:** Arts & Sciences  
**Department:** Safety Science

**Research Areas:**
- Archives
- Aviation History

**2013 Publications:**

Cindy Greenman

**College:** Arts & Science  
**Department:** Business

**Research Area:**
- Accounting ethics

**2013 Publications:**

Andri Gretarsson

**College:** Arts & Sciences  
**Department:** Physics

**Research Areas:**
- LIGO Project: Gravitational waves

**2013 Publications:**
Jon Haass
College: Security & Intelligence

Research Areas:
♦ Cyber Security: Securing the Internet of Things

2013 Publications:

Shigeo Hayashibara
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Computational Fluid Dynamics and High Performance Parallel Computation Architecture

2013 Publications:
Elizabeth Heinz

College: Arts & Science
Department: Humanities & Communications

Research Areas:
♦ Creative therapies for the treatment of substance abusers

2013 Publications:

James Helbling

College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Structural fatigue life prediction

2013 Publications:
**Douglas Isenberg**  
*College:* Engineering  
*Department:* Aerospace & Mechanical Engineering

**Research Areas:**  
♦ Dynamics and control with applications in space robotics

**2013 Publications:**  

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**Dorothea Ivanova**  
*College:* Aviation  
*Department:* Meteorology

**Research Areas:**  
♦ Cloud physics  
♦ Climate variability studies  
♦ Atmospheric modeling  
♦ Global and regional climate models

**2013 Publications:**  
Dorothea Ivanova (continued)


Philip Jones

College: Security & Intelligence, Dean

Research Areas:
♦ Military, political, and cultural studies of the southwest Asia region

2013 Publications:
Eileen Landis-Groom

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Teaching writing and literature
♦ Creative writing

2013 Publications:

David Lanning

College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Fatigue and fracture of aerospace materials
♦ Engineering education

2013 Publications:
Wahyu Lestari
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Structural Health Monitoring
♦ Advanced Composite Materials

2013 Publications:

Nika Nordbrock
College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Cowboy poetry
♦ Composition
♦ Diversity

2013 Publications:
Nika Nordbrock (continued)

---. "Painting the Landscape of the American West with Cowboy Poetry." 44th Annual Conference of the College English Association. April 4-6, 44th College English Association Conference. Savannah, GA. 2013.


Joel Schipper
College: Engineering
Department: Electrical & Computer Engineering

Research Areas:
♦ Knowledge based systems
♦ Autonomous mobile robotics

2013 Publications:

Mark Sinclair
College: Aviation
Department: Meteorology

Research Area:
♦ Synoptic and dynamic meteorology

2013 Publications:
Darrel Smith

College: Arts & Sciences
Department: Physics

- Research Area:
  - Neutrino oscillation

2013 Publications:

Robin Sobotta

College: Arts & Sciences
Department: Business

Research Areas:
- Airport and aviation issues (planning/technology)
- Environment (justice/noise)
- Security (border/unmanned aviation systems)

2013 Publications:
Robin Sobotta (continued)


Lance Traub
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Applied and theoretical aerodynamics

2013 Publications:
Lance Traub (continued)


Bill Waldock

College: Arts & Sciences
Department: Safety Science

2013 Publications:

Research Areas:
♦ Safety Science
Bradley Wall

College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Orbital mechanics
♦ Optimization

2013 Publications:

Patricia Watkins

Department: Hazy Library & Learning Center

Research Areas:
♦ Competitive intelligence
♦ International and industrial research
♦ Library information resources

2013 Publications:
Michele Zanolin

College: Arts & Sciences
Department: Physics

Research Areas:
- Gravitational waves detection
- Acoustic sensing

2013 Publications:


Michele Zanolin (continued)


Hong Zhan

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Integrating technology in language
♦ Language teaching and learning in virtual environments

2013 Publications:


---. "MALL to Empower Learning and Teaching Foreign Languages—How to make it Happen?" International Conference of Educational Innovation through Technology. November 10-12, Williamsburg, VA. 2013.
ERAU Student Contributions
2013 Publications

Libin Daniel

Christian R Mihuc

Edward Matthews

Kellyn Wagner