Bibliography
of
Publications & Presentations
in 2012

Embry-Riddle
Aeronautical University
Prescott Campus
Community

March 21, 2013
Quentin G. Bailey  
**College:** Arts & Sciences  
**Department:** Physics

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

**2012 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

**2012 Publications:**
Sally Blomstrom

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Service learning
♦ Creative problem solving
♦ Assessment

2012 Publications:

Richard W. Bloom

Chief Academic Officer

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

2012 Publications:


2012 Publications:

Michael Fabian
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:♦ Jet/rocket engines and thermal power systems

2012 Publications:

Thomas Field
College: Arts & Sciences
Department: Global Studies

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

2012 Publications:
Andri Gretarsson

College: Arts & Sciences
Department: Physics

Research Areas:
♦ LIGO Project: Gravitational waves

2012 Publications:

Scott Hamilton
College: Arts & Sciences
Department: Business

Research Areas:
♦ Law
♦ Labor relations

2012 Publications:

Brenda Haven
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Area:
♦ Airbreathing propulsion

2012 Publications:
James Helbling
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Structural fatigue life prediction

2012 Publications:

Brennan Hughey
College: Arts & Sciences
Department: Physics

Research Areas:
♦ Connections between gravitational wave astrophysics and other branches of astronomy

2012 Publications:
---. "Implementation and Testing of the First Prompt Search for Gravitational Wave Transients with..."

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

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

**2012 Publications:**
**Dorothea Ivanova**

**College:** Aviation  
**Department:** Meteorology

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

**2012 Publications:**


**Curtis James**

**College:** Aviation  
**Department:** Meteorology

**Research Areas:**
- Mesoscale, radar, and mountain meteorology

**2012 Publications:**

**Philip Jones**

**College:** Arts & Sciences  
**Department:** Global Studies

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

**2012 Publications:**

Eileen Landis-Groom
College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Creative writing
♦ Travel literature
♦ Teaching writing

2012 Publications:

Wahyu Lestari
College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Structural health monitoring
♦ Composite structures
♦ Smart materials

2012 Publications:
Nika Nordbrock
College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ Cowboy poetry
♦ Composition
♦ Diversity

2012 Publications:


"Arizona Gathering Receives Governor's Award."
Rope Burns 15 April 2012. Print.


Brian Nordstrom

College: Arts & Sciences
Department: Physics

Research Areas:
♦ Environmental chemistry, chemical education, molecular modeling and the history of science

2012 Publications:

Ken Parsons

College: Aviation
Department: Meteorology

Research Areas:
♦ Development of mid-latitude cyclones, dynamic meteorology, and air pollution meteorology

2012 Publications:

Ed Poon

College: Arts & Sciences
Department: Mathematics

Research Areas:
♦ Matrix and operator theory
♦ Quantum information theory and noncommutative ring theory

2012 Publications:
John (Ed) Post
College: Engineering
Department: Electrical & Computer Engineering

Research Areas:
♦ Planar microwave circuits and devices
♦ Engineering education

2012 Publications:

Suzie Roth
Department: Hazy Library & Learning Center

Research Areas:
♦ Information literacy instruction
♦ Faculty and library collaboration
♦ Student success
♦ Diversity and Women’s Studies

2012 Publications:
Joel Schipper

College: Engineering
Department: Electrical & Computer Engineering

Research Areas:
♦ Knowledge based systems
♦ Autonomous mobile robotics

2012 Publications:

Mark Sinclair

College: Aviation
Department: Meteorology

Research Area:
♦ Synoptic and dynamic meteorology

2012 Publications:
Darrel Smith

College: Arts & Sciences  
Department: Physics

Research Area:  
♦ Neutrino oscillation

2012 Publications:  
Smith, J. M. et al. "Dual Baseline Search for Muon Neutrino Disappearance at 0.5 eV(2) < Delta m(2) < 40 eV(2)." Physical Review D 85.3 (2012) Print.

Robin Sobotta

College: Arts & Science  
Department: Business

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

2012 Publications:  


Lance Traub

College: Engineering
Department: Aerospace & Mechanical Engineering

Research Areas:
♦ Applied and theoretical aerodynamics

2012 Publications:


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**Hisa Tsutsui**

**College:** Arts & Sciences

**Department:** Mathematics

**Research Areas:**
- Non-commutative ring theory

**2012 Publications:**


Pat Watkins

Department: Hazy Library & Learning Center

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

2012 Publications:
Watkins, P. "Lily" (Digital Photograph). The Black Box, 2012. Embry-Riddle Aeronautical University, Prescott, AZ.

---. "Prescott Lakes Parkway" (Digital Photo). The Black Box, 2012. Embry-Riddle Aeronautical University, Prescott, AZ.


---. “New Bridge View of Hoover Dam” (Digital Photograph). 2012. A Photographic tour of the State of Arizona during our 2012 Centennial Year (Book), Yavapai Digital Arts & Photo Club, Prescott, AZ.

---. “Plateau Point @ Grand Canyon” (Digital Photograph). 2012. Photographic Tour of the State of Arizona during our 2012 Centennial Year (Book). Yavapai Digital Arts & Photo Club, Prescott, AZ.

Melanie Wetzel

**College:** Aviation  
**Department:** Meteorology

**Research Areas:**
- Atmospheric radiation transfer, remote sensing and climate

**2012 Publications:**

Li Yang

**College:** Arts & Sciences  
**Department:** Humanities & Communications

**Research Areas:**
- Chinese American studies  
- Asian studies  
- Chinese newspaper feature articles (prose)

**2012 Publications:**

Alvin Yount

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:
♦ TV violence and its impact on children
♦ Business management

2012 Publications:
2012 Publications:
Hong Zahn (continued)

Acknowledgements

Dr. Richard Bloom  
Chief Academic Officer  
Embry-Riddle Aeronautical University, Prescott

Dr. Douglas Isenberg  
College of Engineering  
Embry-Riddle Aeronautical University, Prescott

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Dean, College of Aviation  
Embry-Riddle Aeronautical University, Prescott

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