

**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:

Bailey, Quentin G. "Parallels between the Photon and Gravity Sectors of the SME." *IUCSS-Swarthmore Workshop on Testing Lorentz Invariance with Photons*. October 14th, 2012, Swarthmore College, Swarthmore, PA. 2012. Print.

---. "Recent Developments in Modern Cosmology." Prescott Public Library, Prescott, AZ. Prescott Astronomy Club's Third Thursday Talk, 2012.

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:

Beck, Angela, and Jim Helbling. "Evolution and Evaluation of Team Teaching in Senior Capstone Courses through Curricular Change and Alumni Feedback." *ASEE PSW Section Conference*. April 19-21, San Luis Obispo, CA. 2012. Print.

Sally Blomstrom

College: Arts & Sciences

Department: Humanities & Communications

Research Areas:

- ♦ Service learning
- ♦ Creative problem solving
- ♦ Assessment



2012 Publications:

Blomstrom, Sally. "Service-Learning as a Pedagogical Approach for Net Generation Learners: A Case Study." *Teaching, Learning and the Net Generation: Concepts and Tools for Reaching Digital Learners*. Ed. S. P. Ferris. IGI Global, 2012. 358-373. Print.

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:

Bloom, Richard W. *A Challenge to Career Psychologists and Psychological Careers. Review of Crime in a Psychological Context: From Career Criminals to Criminal Careers.*, 2012. Print. ---. *Counterterrorism Experts Discuss Reforming Transportation Security. Testimony before the House Homeland Security Committee, Transportation Security Subcommittee.* Tran. House of Representatives. Eds. House Homeland Security Committee and Transportation

Security Subcommittee, 2012. <http://www.c-span.org/Events/Counterterrorism-Experts-Discuss-Reforming-Transportation-Security/10737432208>. Web.

- . "Knowledge on Knowledge and Deception. Review of *Memory Detection: Theory and Application of the Concealed Information Test*." *PsycCRITIQUES* (2012) Print.
- . "Risk Based Security: Making the Concepts a Reality. Published Proceedings." *Invited presentation at the Airports Council International-North America World Conference*. September 11, Calgary, Canada. 2012. Print.
- . "She's Got the Look. Review of *Spy the Lie: Former CIA Officers Teach You how to Detect Deception*." *PsycCRITIQUES* (2012) Print.
- . "Strategic Security Challenges: Global Aviation and Cargo Industry. Published Proceedings." *Keynote presentation at the Joint Conference on Enhancing Air Cargo Security and Facilitation: Synergy Through Cooperation. International Civil Aviation Organization, World Customs Organization, Singapore Ministry of Transport, Singapore Customs*. July 5, 2012, Singapore. 2012. Print.

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

2012 Publications:

Chen, Leeann. "Diverse Errors, One Major Structure: On Strengthening the Awareness and Teaching of Parallel Structures." *Teaching Chinese as a Second Language*, 11 (2012): 40-53. Print.

Michael Fabian

College: Engineering

Department: Aerospace & Mechanical Engineering

Research Areas:

- ♦ Jet/rocket engines and thermal power systems



2012 Publications:

Fabian, M. K., et al. "Implementation of a New Mechanical Engineering Propulsion Detail Design Capstone Course." *ASEE Annual Conference and Exposition, Conference Proceedings, 2012*. 9-13 June 2012, San Antonio, TX. ASEE, 2012. Print.

---. "Integration of Mechanical and Aerospace Engineering Preliminary Design Capstone Courses." *119th ASEE Annual Conference and Exposition*. 9-13 June 2012, San Antonio, TX. 2012. Print.

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:

Field Jr., Thomas C. "Ideology as Strategy: Military-Led Modernization and the Origins of the Alliance for Progress in Bolivia." *Diplomatic History* 36.1 (2012): 147-83. Web.

Andri Gretarsson

College: Arts & Sciences

Department: Physics

Research Areas:

- ◆ LIGO Project: Gravitational waves



2012 Publications:

- Gretarsson, A., et al. "All-Sky Search for Gravitational-Wave Bursts in the Second Joint LIGO-VIRGO Run." *Physical Review D* 85.12 (2012)Print.
- . "The Characterization of Virgo Data and its Impact on Gravitational-Wave Searches." *Classical and Quantum Gravity* 29.15 (2012)Print.
- . "First Low-Latency LIGO+Virgo Search for Binary Inspirals and their Electromagnetic Counterparts." *Astronomy & Astrophysics* 541 (2012)Print.
- . "Implementation and Testing of the First Prompt Search for Gravitational Wave Transients with Electromagnetic Counterparts." *Astronomy & Astrophysics* 539 (2012)Print.

Andri Gretarsson (continued)

- . "Search for Gravitational Waves from Intermediate Mass Binary Black Holes." *Physical Review D* 85.10 (2012)Print.
- . "Search for Gravitational Waves from Low Mass Compact Binary Coalescence in LIGO's Sixth Science Run and Virgo's Science Runs 2 and 3." *Physical Letters D* 85.8 (2012)Print.
- . "Swift Follow-Up of Observations of Candidate Gravitational Wave Transient Events." *Astrophysical Journal Supplement Series (LIGO Sci Collaboration Virgo Collaboration)* 203.2.28 (2012)Print.
- . "Upper Limits on a Stochastic Gravitational-Wave Background using LIGO and Virgo Interferometers at 600–1000 Hz." *Physical Review D* 85.12 (2012)Print.
- Gretarsson, A., et al. "All-Sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data." *Physical Review D* 85.2 (2012)Print.

Scott Hamilton

College: Arts & Sciences

Department: Business

Research Areas:

- ♦ Law
- ♦ Labor relations



2012 Publications:

Hamilton, J. S., R. W. Kaps, and T. J. Bliss. *Labor Relations in the Aviation and Aerospace Industries: Study Guide*. Carbondale, IL: Southern Illinois University Press, 2012. Print.

Brenda Haven

College: Engineering

Department: Aerospace & Mechanical Engineering

Research Area:

- ♦ Airbreathing propulsion



2012 Publications:

Haven, B., et al. "Implementation of a New Mechanical Engineering Propulsion Detail Design Capstone Course." 9-13 June 2012, San Antonio, TX. ASEE, 2012. Print.

---. "Integration of Mechanical and Aerospace Engineering Preliminary Design Capstone Courses." *119th ASEE Annual Conference and Exposition*. 9-13 June 2012, San Antonio, TX. 2012. Print.

James Helbling

College: Engineering

Department: Aerospace & Mechanical Engineering

Research Areas:

- ♦ Structural fatigue life prediction



2012 Publications:

Helbling, Jim, and Angela Beck. "Evolution and Evaluation of Team Teaching in Senior Capstone Courses through Curricular Change and Alumni Feedback." *ASEE PSW Section Conference*. April 19-21, San Luis Obispo, CA. 2012. Print.

Brennan Hughey

College: Arts & Sciences

Department: Physics

Research Areas:

- ♦ Connections between gravitational wave astrophysics and other branches of astronomy



2012 Publications:

Hughey, B., et al. "All-Sky Search for Gravitational-Wave Bursts in the Second Joint LIGO-VIRGO Run." *Physical Review D* 85.12 (2012)Print.

---. "The Characterization of Virgo Data and its Impact on Gravitational-Wave Searches." *Classical and Quantum Gravity* 29.15 (2012)Print.

---. "First Low-Latency LIGO+Virgo Search for Binary Inspirals and their Electromagnetic Counterparts." *Astronomy & Astrophysics* 541 (2012)Print.

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

Electromagnetic Counterparts." *Astronomy & Astrophysics* 539 (2012)Print.

- . "Search for Gravitational Waves from Intermediate Mass Binary Black Holes." *Physical Review D* 85.10 (2012)Print.
 - . "Search for Gravitational Waves from Low Mass Compact Binary Coalescence in LIGO's Sixth Science Run and Virgo's Science Runs 2 and 3." *Physical Letters D* 85.8 (2012)Print.
 - . "Swift Follow-Up of Observations of Candidate Gravitational Wave Transient Events." *Astrophysical Journal Supplement Series (LIGO Sci Collaboration Virgo Collaboration)* 203.2.28 (2012)Print.
 - . "Upper Limits on a Stochastic Gravitational-Wave Background using LIGO and Virgo Interferometers at 600–1000 Hz." *Physical Review D* 85.12 (2012)Print.
- Hughey, B., et al. "All-Sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data." *Physical Review D* 85.2 (2012)Print.

Douglas Isenberg

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ◆ Dynamics and control with applications in space robotics

2012 Publications:

Isenberg, D. R., et al. "Identifying the Thermal Parameters and Controlling the Temperature of High-Altitude Balloon Payloads." *High Altitude Ballooning*. 27-29 June 2012, Trevecca Nazarene University, Nashville, TN. 2012. Print.

Isenberg, D. R. "On the Error-Quaternion, Quaternion-Difference, and Control Effort of Quaternion Based Attitude Control Laws." *International Conference on Systems Engineering 2012*. 11-13 Sept. 2012, Coventry University. Coventry, England: 2012. Print.

Dorothea Ivanova

College: Aviation
Department: Meteorology

Research Areas:

- ◆ Cloud physics
- ◆ Climate variability studies
- ◆ Atmospheric modeling
- ◆ Global and regional climate models



2012 Publications:

Ivanova, D., et al. "Dependence of the North American Monsoon on Pacific Ocean Eastern Boundary Currents (Poster Session)." *American Geophysical Union's 45th annual Fall Meeting* 3-7 December 2012, San Francisco, CA. Washington, D.C.: The American Geophysical Union, 2012. Print.

Ivanova, D., and D. L. Mitchell. "The North American Monsoon: Implications from WRF Modeling." *93rd American Meteorological Society Annual Meeting*. January 05 - 10, 2013, Austin Convention Centre. Austin, TX: 2012. Print.

Ivanova, D., M. Wetzel, and P. Jones. "Global Security = Human Sustainability (Poster Session)." *Programs*

Dorothea Ivanova (continued)

that Bring Together Geoscience and Sustainability. 23-25 May 2012, Stanford University. Palo Alto, CA: 2012. Print.

Ivanova, D. "Teaching Atmospheric Dynamics Classes with Unidata Tools: Visualizations, Models, and Online Data." January 05 - 10, 2013, Austin, TX. Austin Convention Center: 2012. Print.

---. "Teaching with Research Data in Atmospheric Dynamics Classes: Utilizing Integrated Data Viewer (IDV) in the Classroom." *Navigating Earth System Science Data: Unidata Users Workshop* 2012, 9-13 July 2012, Boulder, CO. Mesa Lab, Boulder: Unidata Users Committee (University Corporation for Atmospheric Research (UCAR) Office of Programs (UOP), 2012. Print.

Curtis James

College: Aviation
Department: Meteorology

Research Areas:

- ♦ Mesoscale, radar, and mountain meteorology



2012 Publications:

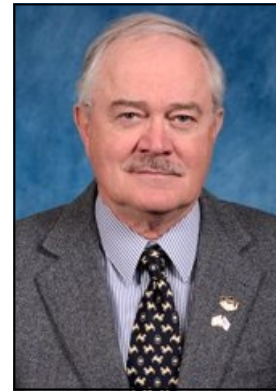
James, Curtis. "Anatomy of a Thunderstorm." (SWAPA) RANGE 2012. Web.

Philip Jones

College: Arts & Sciences
Department: Global Studies

Research Areas:

- ♦ Military, political, and cultural studies of the southwest Asia region



2012 Publications:

Jones, P., D. Ivanova, and M. Wetzel. "Global Security = Human Sustainability (Poster Session)." *Programs that Bring Together Geoscience and Sustainability*. 23-25 May 2012, Palo Alto, CA. Stanford University: 2012. Print.

Jones, Philip E. "Planning for Resettlement in Large Scale Infrastructure Projects." *International Conference on Environmental Governance and Sustainable Development*. June 2-3, 2012, School of Public Administration, Beijing University of Aeronautics and Astronautics. Beijing, China: 2012. Print.

Eileen Landis-Groom

College: Arts & Sciences

Department: Humanities & Communications

Research Areas:

- ♦ Creative writing
- ♦ Travel literature
- ♦ Teaching writing



2012 Publications:

- Landis-Groom, E. *Beanie (a reading/Unpublished Work)*.
Creative Writing program Prescott, AZ: Embry-Riddle
Aeronautical University, 2012. Print.
- . "Incorporating the Art of Storytelling in Writing and
Speech Courses." *Rocky Mountain Modern Language
Association Conference*. October, 2012, Boulder, CO.
2012. Print.
- . "A Name." *Arizona English Bulletin* Winter, 2012.
Print.

Wahyu Lestari

College: Engineering

Department: Aerospace & Mechanical Engineering

Research Areas:

- ♦ Structural health monitoring
- ♦ Composite structures
- ♦ Smart materials



2012 Publications:

- Lestari, W., A. Farrugia, and V. Saponara. "Wave
Propagation and Creep Behavior of Smart GFRP
Sandwich Composites." *2012 Society of Engineering
Science (SES) 49th Annual Technical Meeting*. Oct.11-
12, 2012, Georgia Institute of Technology. Atlanta, GA:
2012. Print.

Nika Nordbrock

College: Arts & Sciences

Department: Humanities & Communications

Research Areas:

- ◆ Cowboy poetry
- ◆ Composition
- ◆ Diversity



2012 Publications:

Nordbrock, N (Presenter and Session Host). "25th Arizona Cowboy Poetry Gathering." August 9 - 10, 2012, Prescott, AZ. 2012. Print.

---. "The Lingo of our Calling: Cowboys and Their Vocabulary as Reflected in Poetry." October 11-13, Boulder, CO. 2012. Print.

Nordbrock, N. (Panel Organizer). "Oral and Traditional Arts Panel." *Rocky Mountain Modern Language Association*. October 11-13, Boulder, CO. 2012. Print.

Nordbrock, N. (Presenter). "10th Riding the Rim Cowboy Poets Gathering." *21st Trappings of the American West*. January 22, 2012, Phippen Museum. Prescott, AZ: 2012. Print.

Nika Nordbrock (continued)

---. "26th Texas Cowboy Poetry Gathering". February 24-26, Sul Ross State University, Alpine, TX. 2012. Print.

---. "How Do We Write". *Professional Writers of Prescott*. August 22, 2012, Prescott, AZ. 2012. Print.

---. "Range Rhymes Bridge Borders of Time and Place." *43rd Annual College English Association Conference*. March 29 - 31, 2012, Richmond, VA. 2012. Print.

Nordbrock, N., and L. Stedman (Organizers) . "10th Riding the Rim Cowboy Poets Gathering." *21st Trappings of the American West*. January 22, 2012, Phippen Museum. Prescott, AZ: 2012.

Nordbrock, N. "10th Riding the Rim Cowboy Poets Gathering." *Rope Burns* January 31, 2012 Print.

---. "25th Anniversary Arizona Cowboy Poets Gathering." *Cowboy Poetry and Western Life* August 29, 2012 Print.

---. "26th Texas Cowboy Poetry Gathering." *Rope Burns* April 15, 2012. Print.

---. "Arizona Cowboy Poetry Gathering." *Rope Burns* August 20, 2012. Print.

---. "Arizona Cowboy Poets Gathering." *Rope Burns* 2012. Web. <<http://ropeburns.org/?p=2157>>.

---. "Arizona Cowboy Poets Gathering (Photos)." *Rope Burns* January 12, 2012. Print.

- . "Arizona Gathering Receives Governor's Award." *Rope Burns* 15 April 2012. Print.
- . *Photos from the 25th Arizona Cowboy Poets Gathering*. 2012.
- . *Photos from the Alpine, 25th Texas Cowboy Poetry Gathering*. 2012.
- . "Trappings of the American West." *Rope Burns* January 12, 2012. Print.

Brian Nordstrom

College: Arts & Sciences

Department: Physics



Research Areas:

- ♦ Environmental chemistry, chemical education, molecular modeling and the history of science

2012 Publications:

- Nordstrom, B. *Smart Guide to Chemistry*. OK: Smart Guides, Inc., 2012. Print.
- . *The Smart Guide to Hiking and Backpacking*. OK: Smart Guide Publications, 2012. Print.

Ken Parsons

College: Aviation
Department: Meteorology

Research Areas:

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



2012 Publications:

Parsons, K. "Hurricane Primer." *Southwest Airlines Pilots' Association (SWAPA) RANGE* Fall 2012. Web. January 29, 2013.

Ed Poon

College: Arts & Sciences
Department: Mathematics

Research Areas:

- ♦ Matrix and operator theory
- ♦ Quantum information theory and noncommutative ring theory



2012 Publications:

Poon, E., et al. "Entanglement Transformation Between Sets of Bipartite Pure Quantum States Using Local Operations." *Journal of Mathematical Physics* 53.12 (2012) Print.

Poon, E., Y. Hirano, and H. Tsutsui. "A Generalization of Complete Reducibility." *Communications in Algebra* 40.6 (2012) Print.

Poon, Edward, et al. "Physical Transformations Between Quantum States." *Journal of Mathematical Physics* 53.10 (2012): 102209. DOI. Web.

John (Ed) Post

College: Engineering

Department: Electrical & Computer Engineering

Research Areas:

- ♦ Planar microwave circuits and devices
- ♦ Engineering education



2012 Publications:

Post, J. E. "A Simple Sensor Package for High Altitude Ballooning." *QEX* (May/June 2012): 3,4-12. Print.

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:

Roth, S., and P. Watkins. "The Incredible Shrinking Library: Growing the Collaborative Footprint." (Roundtable Discussion) *2012 AzLA Annual Conference*. November 9-11, 2012, Phoenix, AZ. South Mountain Community College, Phoenix: AzLA (Arizona Library Association), 2012.

Joel Schipper

College: Engineering

Department: Electrical & Computer Engineering

Research Areas:

- ◆ Knowledge based systems
- ◆ Autonomous mobile robotics



2012 Publications:

Schipper, J. D., et al. "A Knowledge-Based Clinical Toxicology Consultant for Diagnosing Single Exposures." *Artificial Intelligence in Medicine* 55.2 (2012): 87,88-95. Print.

Mark Sinclair

College: Aviation

Department: Meteorology

Research Area:

- ◆ Synoptic and dynamic meteorology



2012 Publications:

Sinclair, M., et al (33 others). "IMILAST – a Community Effort to Intercompare Extratropical Cyclone Detection and Tracking Algorithms: Assessing Method-Related Uncertainties." *American Bulletin of the American Meteorological Society*. DOI 0.1175/BAMS-D-11-00154.1 (2012) Web.

Darrel Smith

College: Arts & Sciences
Department: Physics

Research Area:

- ♦ Neutrino oscillation



2012 Publications:

Smith, D. (MiniBooNE, K.B.M. Mahn et al, and SciBooNE Collaborations). "Dual Baseline Search for Muon Neutrino Disappearance at 0.5 eV^2 ." *Physical Review D* 85.3 (2012): 32007. Web.

Smith, J. M. et al. "Dual Baseline Search for Muon Neutrino Disappearance at $0.5 \text{ eV}^2 < \Delta m^2 < 40 \text{ eV}^2$." *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:

Sobotta, R., Keynote Speaker. "Civil Integration of Unmanned Aircraft Systems (UAS): Community and Economic Opportunities." *2012 Commercial and General Aviation Procurement Outlook Conference*. March 30, 2012, ASU Skysong campus, Scottsdale, Arizona. 2012. Print.

Sobotta, R., et al. "Integrating UAVs into the NAS – What It Means for You as an Airport Operator." *2012 F. Russell Hoyt National Airports Conference*. October 22, 2012, New Orleans, LA. 2012. Print.

Sobotta, R., and L. Kusy. "Unmanned Aircraft Systems: Coming Soon to an Airport Near You." *Airport Magazine* 24.1 (2012): 28,29-32. Print.

Sobotta, R., Moderator Presenter. "Unmanned Aerial Systems: The Next 20 Years for Defense and Civil Markets." *3rd Annual Aviation and Aerospace Manufacturing Summit*. October 9, 2012, Ft. Worth Texas. 2012. Print.

Sobotta, R., et al. "Integration of UAS into the National Airport System – What's in Store for Your Airport?" *Southwest Chapter - American Association of Airport Executives (SWAAE) - 2012 Summer Conference*. July 23, 2012, Santa Rosa, CA. 2012. Print.

Sobotta, R. "Civil Integration of Unmanned Aircraft Systems (UAS): A Federal and State Perspective." *UAS Community Forum*. March 8, 2012, Embry-Riddle Aeronautical University, Prescott, AZ. 2012. Print.

---. *Northern AZs Response to State's RFI: Arizona's Test and Training Center (AzTIC) Solicitation – Arizona Unmanned Aircraft Systems Test Range*. Ed. Chino Valley Town Council Meeting, July 10, 2012. Print.

Lance Traub

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ♦ Applied and theoretical aerodynamics

2012 Publications:

Traub, L. W., and T. and Nix. "An Experimental Investigation of a Morphable Biplane." *Journal of Aircraft* 49.1 (2012): 183,184-192. Print.

Traub, L. W., and J. Gross. "An Experimental and Theoretical Investigation of Ground Effect at Low Reynolds Numbers." *Journal of Aircraft* 49 (2012): 576,577-586. Print.

Traub, L. W., M. Sweet, and K. and Nielsen. "Evaluation and Characterization of a Lateral Synthetic Jet Actuator." *Journal of Aircraft* 49.4 (2012): 1039, 1040-1050. Print.

Traub, L. W. "Effects of Sweep and Nonplanarity on a Delta-Winged Biplane." *Journal of Aircraft* 49.6 (2012): 2007,2008 - 2017. Print.

Traub, L. "Engineering Notes: High Incidence Airfoil Lift and Drag Estimates." *Journal of Aircraft* 49.1 (2012): 311,312-314. Print.

Hisa Tsutsui

College: Arts & Sciences
Department: Mathematics



Research Areas:

- ◆ Non-commutative ring theory

2012 Publications:

Tsutsui, H., E. Poon, and Y. Hirano. "A Generalization of Complete Reducibility." *Communications in Algebra* 40.6 (2012)Print.

Tsutsui, H. "On Noethrian Rings in which Every Ideal is Prime." *Contemporary Ring Theory 2011*. World Scientific, 2012. Print.

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.
- . *"Cinco De Mayo" (Poem)*. ERAU- Prescott, *The Black Box*, 2012: 6. Print.
- . "Information Literacy and Faculty Collaboration: A New Model for Student Learning Success (Lightning Talk)." *119th Annual American Society for Engineering Education (ASEE) Conference - Engineering Library Division (ELD)*. 10-13 June 2012, San Antonio, TX. ASEE , 2012.

Patricia Watkins (continued)

- . *"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.
- Watkins, P., and S. Roth. "The Incredible Shrinking Library: Growing the Collaborative Footprint (Roundtable Discussion)." *AzLA (Arizona Library Association) Annual Conference*. 9-11 November 2012, South Mountain Community College. Phoenix, AZ: 2012. Print.

Melanie Wetzel

College: Aviation
Department: Meteorology

Research Areas:

- ♦ Atmospheric radiation transfer, remote sensing and climate



2012 Publications:

Wetzel, M., D. Ivanova, and P. Jones. "Global Security = Human Sustainability (Poster Session)." *Programs that Bring Together Geoscience and Sustainability*. 23-25 May 2012, Palo Alto, CA. Stanford University: 2012. Print.

Li Yang

College: Arts & Sciences
Department: Humanities & Communications

Research Areas:

- ♦ Chinese American studies
- ♦ Asian studies
- ♦ Chinese newspaper feature articles (prose)



2012 Publications:

Yang, Li. "Kelly Hong of Prescott and Her America Dream." *Arizona Chinese Times* July 27, 2012. Print.

---. "Paper Sons and Chain Migration: Immigration Strategies of the Gin Clan in Tucson, Arizona during the Chinese Exclusion Era." *Biographical Literature* (2012): 597. Print.

---. "Sociologist Rose Hum Lee." *Biographical Literature* (2012): 596. Print.

---. "Teaching Chinese Color Words as Cultural Symbols." *North Georgia Arts & Letters Conference*. Feb 24-26, 2012, North Georgia State College and University. Dahlonega, Georgia: Print.

---. "Yang Tian, a Northern Song Scholar-Official and His Frustrated Military Career." *Chinese Culture and History Forum* 文史天地 (2012) Print.

Alvin Yount

College: Arts & Sciences

Department: Humanities & Communications



Research Areas:

- ◆ TV violence and its impact on children
- ◆ Business management

2012 Publications:

Yount, A. R. "Morality, Knowledge, Love: A Consummate, Homogeneous Inception of Man." *Christian Scholar's Conference*. June, 2012, Nashville, TN. Lipscomb University: Print.

Michele Zanolin

College: Arts & Sciences

Department: Physics

Research Areas:

- ◆ Gravitational waves detection
- ◆ Acoustic sensing



2012 Publications:

Zanolin, M., A. Gretarrson, and (72 authors). "Swift Follow-Up of Observations of Candidate Gravitational Wave Transient Events." *Astrophysical Journal Supplement Series (LIGO Sci Collaboration Virgo Colla)* 203.2.28 (2012) Print.

Zanolin, M., A. Gretarrson, and B. Hughey (et al) . "All-Sky Search for Gravitational-Wave Bursts in the Second Joint LIGO-VIRGO Run." *Physical Review D* 85.12 (2012) Print.

---. "The Characterization of Virgo Data and its Impact on Gravitational-Wave Searches." *Classical and Quantum Gravity* 29.15 (2012) Print.

Michele Zanolin (continued)

---. "First Low-Latency LIGO+Virgo Search for Binary Inspirals and their Electromagnetic Counterparts." *Astronomy & Astrophysics* 541 (2012) Print.

---. "Implementation and Testing of the First Prompt Search for Gravitational Wave Transients with Electromagnetic Counterparts." *Astronomy & Astrophysics* 539 (2012) Print.

---. "Search for Gravitational Waves from Intermediate Mass Binary Black Holes." *Physical Review D* 85.10 (2012) Print.

---. "Search for Gravitational Waves from Low Mass Compact Binary Coalescence in LIGO's Sixth Science Run and Virgo's Science Runs 2 and 3." *Physical Letters D* 85.8 (2012) Print.

---. "Upper Limits on a Stochastic Gravitational-Wave Background using LIGO and Virgo Interferometers at 600–1000 Hz." *Physical Review D* 85.12 (2012) Print.

Zanolin, M., A. Gretarsson, and B. Hughey. "All-Sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data." *Physical Review D* 85.2 (2012) Print.

Hong Zahn

College: Arts & Sciences

Department: Humanities & Communications

Research Areas:

- ◆ Integrating technology in language
- ◆ Language teaching and learning in virtual environments



2012 Publications:

- Zhan, H., and H. J. Cheng. "Examining Pre-Service Teachers' Instructional Strategies for Technological Pedagogical Content Knowledge Via Video-Conferencing." *Journal of Educational Technology Development and Exchange* 5.2 (2012): 57-76. Print.
- . "Instructional-Design Strategies of Implementing Video Conferencing to Engage Students in Learning." *International Conference of Educational Innovation through Technology*. August 10 -12, Educational Technology Institute, Tsinghua University, Beijing. 2012. Print.

Hong Zahn (continued)

- . "探讨在线视讯话语学生教师之数位教学知识." *Conference proceedings of the 7th International Conference and Workshops on Technology and Chinese Language Teaching in the 21st Century (TCLT7)*. May 25 - 27, National Foreign Language Resource Center, University of Hawaii. 2012. Print.

Notes

Notes

Acknowledgements

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

Dr. Gary Northam
Dean, College of Aviation
Embry-Riddle Aeronautical University, Prescott

Dr. Michele Zanolin
College of Arts & Sciences
Embry-Riddle Aeronautical University, Prescott

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