

**Bibliography
of
Publications & Presentations
in 2011**

*Embry-Riddle
Aeronautical University
Prescott Campus
Community*

March 29, 2012

Notes

Quentin G. Bailey

College: Arts & Sciences

Department: Physics



Research Area:

- ♦ Theoretical and experimental aspects of testing special and general relativity

2011 Publications:

Bailey, Quentin, and Rhondale Tso. "Light-Bending Tests of Lorentz Invariance." *Physical Review D* 84.8 (2011): 085025. Print.

Bailey, Quentin. "Phenomenology of Lorentz-Violating Gravitational". April APS 2011 Meeting, Anaheim, CA. 30 April 2011. Conference presentation.

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

2011 Publications:

Beck, Angela, and James Helbling. "Configuration of Senior Capstone Course Using Team-Teaching to Maximize Communication Skills and Minimize Team Conflict". American Society of Engineering Education Pacific Southwest Regional Conference, Fresno, CA. 31 March 2011. Conference presentation.

Sally Blomstrom

College: Arts & Sciences
Department: Humanities & Communications



Research Areas:

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

2011 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*. Ed. Sharmila P. Ferris. IGI Global, 2011. 358-359-373. Print.

---. "Service-Learning Project Encouraging Interest in STEM". International Association for Research on Service-Learning and Community Engagement, Chicago, IL. November 2011. Conference presentation.

Richard W. Bloom

Associate Vice President for Academics



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

2011 Publications:

Bloom, Richard. "A Leap of Faith. [Review of the Book *The Self-Organizing Social Mind*]." *PsycCRITIQUES* 56.11 (2011). Print.

---. "Airport Security: Which Poses the Greater Threat-Passengers Or Air Cargo?" *TR News Magazine* 2011: 31,32-36. Print.

---. "Cybersecurity: The Insider Threat: an Overview of Research and Specific Recommendations". Presentation for the panel, Cybersecurity Strategies -Keeping Our Nation Safe From Manmade and

Richard W. Bloom (continued)

Natural Cyber Events. 90th Annual Meeting of the Transportation Research Board, Washington D.C. 24-27 January 2011. Meeting Presentation.

---. "Minding Facebook. [Review of the Book Facebook and Philosophy: What's on Your Mind?]." *PsycCRITIQUES* 2011. Print.

---. "Panel, 2011-A Transportation Security Retrospective". 90th Annual Meeting of the Transportation Research Board, Washington D.C. 25 January 2011. Chairperson.

---. "Panel, 2011-A Meta-Evaluation of Behavior Detection Programs". 90th Annual Meeting of the Transportation Research Board, Washington D.C. 24 January 2011. Chairperson.

---. "Panel, Assessment of Threat, Vulnerability and Risk: The Knowns and Unknowns". TRB 2011 Transportation Hazards and Security Summit: Looking Beyond the 10th Anniversary of 9/11, Irvine, CA. 23-25 August 2011. Chairperson.

---. "Panel, Aviation Security: The Evolution of Best Practices". TRB 2011 Transportation Hazards and Security Summit: Looking Beyond the 10th Anniversary of 9/11, Irvine, CA. 22-25 August 2011. Chairperson.

Bloom, Richard, et al. "Aviation Security Update: Policy, Management, Technologies, and Behavior Detection." *TR News Magazine* 2011: 28,29-33. 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

2011 Publications:

Chen, Leeann. "Students' Habits of Using the Textbook Vocabulary List". 2011 Chinese Language Education Forum, San Francisco, CA. 12-13 November 2011. Presentation.

Nicholas Devereux

College: Arts & Sciences

Department: Physics



Research Areas:

- ♦ Extragalactic observational astronomy at infrared, millimeter and optical wavelengths
- ♦ Origin of the far infrared luminosity in spiral galaxies

2011 Publications:

Devereux, Nicholas. "Space Telescope Imaging Spectrograph Spectroscopy of the Central 14 Pc OF NGC 3998: Evidence for an Inflow." *The Astrophysical Journal* 727.2 (2011). Print.

---. "Time Variable Broad-Line Emission in NGC 4203: Evidence for Stellar Contrails." *The Astrophysical Journal* 743.1 (2011). Print.

James Doyle

College: Engineering

Department: Computer & Electrical Engineering



Research Areas:

- ♦ Advance RF power amplifier controller design
- ♦ Multi-discipline research into neural electronic response of cerebral cortex of a rat and wireless transmission of these signals

2011 Publications:

Doyle, James T., Nicholas D. Triantafillou, Malay Trivedi, et al. Packaged Voltage Regulator and Inductor Array. Intel Corporation, assignee. Patent 7,952,160. May 31, 2011.

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

2011 Publications:

Field, Thomas. "Bitter Medicine: Union-Busting, Development, and the Alliance for Progress in Bolivia, 1961-1964". New York University. Postdoctoral Fellowship with the New York University Tamiment Library's Center on the United States and the Cold War, New York, New York. 5 May 2011. Presentation.

---. "Development as Militarization: Washington's Alliance for Progress and the Rise of the Armed Forces in Bolivia". 125th Annual Conference of the American Historical Association, Boston, MA. 6-9 January 2011. Conference presentation.

---. "The Politics of US Military Aid to Bolivia, 1958-1965". Annual Conference of the Society for Historians of American Foreign Relations, Alexandria, VA. June 2011. Conference presentation.

Melissa Gottwald

College: Aviation
Department: Aviation & Security Archives



Research Areas:

- ♦ Aviation history

2011 Publications:

Gottwald, Melissa. "The Archives Conference as a Venue for Professional Communication". 2011 Society of American Archivists Research Forum, Chicago, IL. 23 August 2011. Forum presentation.

---. "That Spy is our Friend: The Implementation of Flight Recorders and Fears of Surveillance". Society for the History of Technology, Cleveland, OH. 5 November 2011. Presentation.

Andri Gretarsson

College: Arts & Sciences

Department: Physics

Research Areas:

- ♦ LIGO Project: Gravitational waves



2011 Publications:

Gretarsson, Andri M., and Michele Zanolin. *Ultrasonic Measurement of the Young's Modulus of Thin Films*. G1101120-v1. LIGO Scientific Collaboration, 2011. Print.

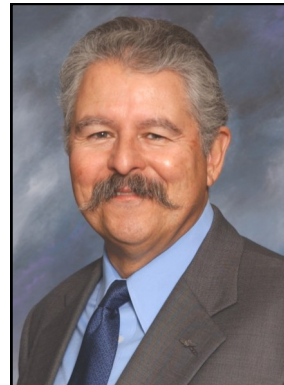
Scott Hamilton

College: Arts & Sciences

Department: Business

Research Areas:

- ♦ Law
- ♦ Labor relations



2011 Publications:

Hamilton, Scott J. *Practical Aviation Law*. 5th ed. Newcastle, WA: Aviation Supplies & Academics. 2011. Print.

James Helbling

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Area:

- ♦ Structural fatigue life prediction

2011 Publications:

Helbling, James, and Angela Beck. "Configuration of Senior Capstone Course using Team-Teaching to Maximize Communication Skills and Minimize Team Conflict". ASEE Pacific Southwest Regional Conference: Transforming Engineering Education through Community Engagement, Entrepreneurship, and Service Learning, Fresno, CA. 31 March 2011. Conference presentation.

Helbling, James, Wahyu Lestari, and David Lanning. "An Aerospace Engineering Summer Camp for High School Students". Proceedings of the PSW 2011 Regional ASEE Conference: Transforming Engineering Education through Community Engagement, Entrepreneurship, and Service Learning, Fresno, CA. 31 March – 2 April 2011. Conference presentation.

Douglas Isenberg

College: Engineering

Department: Computer & Electrical Engineering



Research Areas:

- ♦ Dynamics and control with applications in space robotics

2011 Publications:

Isenberg, Douglas, et al. "A Method of Gravity Offloading with a SCARA Manipulator". Proceedings of 21st International Conference on Systems Engineering, Las Vegas, NV. 16-18 August 2011. 165-166-170. Conference presentation.

Dorothea Ivanova

College: Aviation
Department: Meteorology



Research Areas:

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

2011 Publications:

Ivanova, Dorothea. "Aircraft Icing Potential and Ice- and Mixed-Phase Cloud Particle Size Distributions". Annual ARM-Atmospheric Systems Research (ASR): 2011 DOE Science Team Meeting, San Antonio, TX. 28 March 2011. Conference presentation.

Ivanova, Dorothea, et al. "How Permanent is Permafrost?" *Earth Exploration Toolbook.*, 2011. Print.

Ivanova, Dorothea, and D. L. Mitchell. "Progress in American Monsoon Research: Factors Relating Gulf of California Sea Surface Temperatures to Rainfall Based on MM5 and WRF Model Simulations and Satellite Observations". World Climate Research Program: Climate Research in Service to Society, Denver, CO. 24-28 October 2011. Presentation.

Matthew Jaffe

College: Arts & Sciences
Department: Computer Sciences



Research Areas:

- ♦ Software engineering

2011 Publications:

Jaffe, Matt. "Minimal Embedded Robustness Requirements Analysis". 30th Digital Avionics Systems Conference: Closing the Generation Gap, Seattle, Wa. 16-20 October 2011. Conference presentation.

Curtis James

College: Aviation
Department: Meteorology



Research Areas:

- ♦ Mesoscale, radar, and mountain meteorology

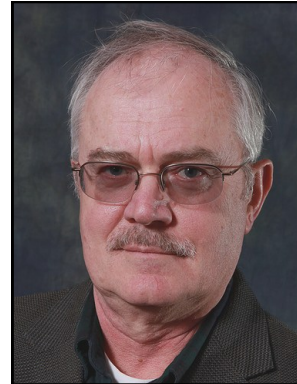
2011 Publications:

James, Curtis N., and Jeremy Mazon. "Survey of Convective Weather Impacting Commercial Aviation Operations at Phoenix Sky Harbor International Airport". Southwest Aviation Weather Safety (SAWS) IV Workshop, Albuquerque, NM. 25-26 October 2011. Workshop presentation.

James, Curtis N., and Cheyenne Space. "Summer Heavy Precipitation Events in the Southwest". Southwest Weather Workshop at the Phoenix National Weather Service Forecast Office, Phoenix, AZ. 6 May 2011. Workshop presentation.

Philip Jones

College: Arts & Sciences
Department: Global Studies



Research Areas:

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

2011 Publications:

Jones, Philip E. "Insurgency and Revolution: Pakistan's Crisis of State." *Understanding Pakistan through Human and Environmental Systems*. Hummel, Laurel J.; Wolfel, Richard L. ed. Carlisle, PA: United States Military Academy, West Point, NY and Center for Strategic Leadership, United States Army War College, 2011. 239-240-270. Print.

Eileen Landis-Groom

College: Arts & Sciences

Department: Humanities & Communications



Research Areas:

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

2011 Publications:

Landis-Groom, Eileen. "A Name". Arizona English Bulletin. 2011. Print.

---. "Creating a Humanities Course Revolving Around Books About Animals". Arizona English Teachers Association Conference, Mesa, AZ. 23-24 September 2011. Conference presentation.

David Lanning

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ♦ Fatigue and fracture of engineering materials
- ♦ Foreign object damage
- ♦ Engineering education

2011 Publications:

Lanning, David, and Matt Bender. "Drop Tower and Alternate Immersion Machine: Design and Review". Proceedings of the 49th AIAA Aerospace Sciences Meeting, Orlando, FL. 4-7 January 2011. Meeting presentation.

Lanning, David, James Helbling, and Wahyu Lestari. "An Aerospace Engineering Summer Camp for High School Students". Proceedings of the PSW 2011 Regional ASEE Conference: Transforming Engineering Education Through Community Engagement, Entrepreneurship, and Service Learning, Fresno, CA. 31 March – 2 April 2011. Conference presentation.

Lanning, David, Wahyu Lestari, and S. Waterhouse. "Evaluating Prerequisite Knowledge Using a Concept Inventory for an Engineering Failure

David Lanning (continued)

Course". Proceedings of the 2011 ASEE Annual Conference and Exposition, Vancouver, BC, Canada. 26-27 June 2011. Conference presentation. Print.

Lanning, David. "A Prerequisite Skills Exam for Solid Mechanics". Proceedings of the 2011 ASEE Annual Conference and Exposition, Vancouver, BC, Canada. 26-29 June 2011. Conference presentation. Print.

Wahyu Lestari

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

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

2011 Publications:

Lestari, Wahyu, et al. "Damage Identification in Glass/Epoxy Composite Structures with Embedded and Surface-Mounted Piezoelectric Transducers: Tests and Interpretation with Gabor Wavelet Transforms". ASME 2011 Conference on Smart Materials, Adaptive Structures and Intelligent Systems, Scottsdale, AZ. 18-21 September 2011. Conference presentation.

Lestari, Wahyu, V. La Saponara, and Anais Farrugia. "A Wave Propagation Study of Smart Sandwich Composites Under Creep Loading". ASME 2011 International Mechanical Engineering Congress & Exposition, Denver, CO. 14 November 2011. Exposition presentation.

Wahyu Lestari (continued)

Lestari, Wahyu, V. La Saponara, and D. Horsley. "Comparative Study of Structural Health Monitoring of Glass/Epoxy Composite Plates using PZT and PMN-PT Sensors." *ASME Journal of Engineering Materials and Technology* 133.1 (2011) Print.

Lestari, Wahyu, David Lanning, and James Helbling. "An Aerospace Engineering Summer Camp for High School Students". Proceedings of the PSW 2011 Regional ASEE Conference: Transforming Engineering Education Through Community Engagement, Entrepreneurship, and Service Learning, Fresno, CA. 31 March - 2 April 2011. Conference presentation.

Lestari, Wahyu, David Lanning, and S. Waterhouse. "Evaluating Prerequisite Knowledge Using a Concept Inventory for an Engineering Failure Course". Proceedings of the 2011 ASEE Annual Conference and Exposition, Vancouver, BC, Canada. 26-27 June 2011. Conference presentation. Print.

Lestari, Wahyu, et al. "Composite Structural Health Monitoring Through Use of Embedded PZT Sensors." *Of Intelligent Material Systems and Structures* 22.8 (2011): 739,740-755. Print.

Shawna Lockhart

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ♦ 3D modeling and design

2011 Publications:

Lockhart, Shawna, and Frederick E. Giesecke. *Technical Drawing with Engineering Graphics*. 14th ed. Prentice Hall, 2011. Print.

Lockhart, Shawna, and Cindy Johnson. *Engineering Design Communication*. 2nd ed. Prentice Hall, 2011. Print.

Lockhart, Shawna. *Tutorial Guide to AutoCAD 2012*. SDC Publications, 2011. Print.

Jacqueline Luedtke

College: Aviation
Department: Safety Science



Research Areas:

- ♦ Aviation safety
- ♦ Aviation management
- ♦ Effects of marketing in aviation
- ♦ Service quality in aviation
- ♦ Women's contribution to aviation
- ♦ Retention issues

2011 Publications:

Luedtke, Jacqueline R. "Women's Contribution to Aviation." *Forum on Public Policy: A Journal of the Oxford Round Table* 2011.3 (2011) Print.

Ron Madler

College: Engineering
Dean, College of Engineering



Research Areas:

- Engineering education
- Orbital debris
- Astrodynamics
- Spacecraft design
- Space exploration
- Planetary science

2011 Publications:

Madler, Ronald A., and David B. Spencer. "Orbital Debris-A Space Hazard." *Space Mission Engineering: The New SMAD*. Eds. James R. Wertz, David F. Everett, and Jeffery J. Puschell. First ed. 28 Vol. Space Technology Library, 2011. 139-138-147. Print.

Jeremy Mazon

College: Aviation
Department: Meteorology

Student:

- ◆ Degree: Applied Meteorology
- ◆ Concentration: Meteorology of aviation operations
- ◆ Graduation: May, 2011

2011 Publications:

Mazon, Jeremy, and Curtis N. James. "Survey of Convective Weather Impacting Commercial Aviation Operations at Phoenix Sky Harbor International Airport". Southwest Aviation Weather Safety (SAWS) IV Workshop, Albuquerque, NM. 25-26 October 2011. Workshop presentation.

Nika Nordbrock

College: Arts & Sciences
Department: Humanities & Communications



Research Areas:

- ◆ Cowboy poetry
- ◆ Composition
- ◆ Diversity

2011 Publications:

- Nordbrock, Nika. 24th Arizona Cowboy Poets Gathering, Prescott, AZ. 15-18 September 2011. Session host.
- . 25th Texas Cowboy Poetry Gathering, Sul Ross State University, Alpine, TX. 24-28 February 2011. Conference host.
- . "Celebrating the Silver Anniversary of the Texas Cowboy Poetry Gathering." *Rope Burns Magazine* May-June 2011. Photos.
- . "Cowboy Poetry and the Oral Tradition of the American West". Rocky Mountain Modern Language Association Regional Conference, Scottsdale, AZ. 6-8 October 2011. Conference presentation.
- . "Cowboy Poetry and the Power of Healing". Prescott, AZ. 16 September 2011. Conference coordinator.

Nika Nordbrock (continued)

---. "Faithful Pards: 24th Annual Arizona Cowboy Poets Gathering." *Rope Burns Magazine* November-December 2011. Print.

---. "The Luck of the Draw Generations, Horsetrades, and Weather in Cowboy Poetry". 42nd College English Association Conference, St. Petersburg, FL. 28 March – 2 April 2011. Conference presentation.

John (Ed) Post

College: Engineering

Department: Computer & Electrical Engineering



Research Areas:

- ♦ Planar microwave circuits and devices
- ♦ Engineering education

2011 Publications:

Post, John E. "On Determining Loop Gain through Circuit Simulation." *QEX: A Forum for Communications Experimenters* (2011): 3,4-8. Print.

Suzie Roth

Department: Hazy Library & Learning Center

Research Areas:

- ◆ Information literacy instruction
- ◆ Faculty and library collaboration
- ◆ Student success
- ◆ Diversity and women's studies



2011 Publications:

Roth, Suzie, and Patricia Watkins. "Student Success, A Collaborative Model ". AzLA (Arizona Library Association), Tucson, AZ. November, 2011. Poster presentation.

Mark Sinclair

College: Aviation
Department: Meteorology

Research Area:

- ◆ Synoptic and dynamic meteorology



2011 Publications:

- Sinclair, Mark. *Assisting Underrepresented Scholars in their Pursuit of Aeronautical and Meteorological Education*. Ed. NSF S-STEM Grant. \$499,535 Vol. Arizona, USA: NSF S-STEM Grant, 2011. Print.
- . "Extratropical Cyclones, SST's and Jet Streams". 15th Cyclone Workshop, Monterey, CA. 27 March - 1 April 2011. Workshop presentation.
- . "Global Warming – Facts, Fallacies & Fantasies". Arizona Origin Science Association Arizona (Phoenix, Tempe, Tucson). 2011. Presentation.

Robin Sobotta

College: Arts & Sciences

Department: Business



Research Areas:

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

2011 Publications:

Sobotta, Robin. "Emerging First Responder Applications for Unmanned Aircraft Systems." *Journal of Aviation and Aerospace Perspectives* 1.2 (2011): 5,6-17. Print.

Cheyenne Space

College: Aviation

Department: Meteorology

Student:

- ♦ Degree: Applied Meteorology
- ♦ Concentration: Military meteorology
- ♦ Minor: Mathematics
- ♦ Graduation: December, 2011

2011 Publications:

Space, Cheyenne, and Curtis N. James. "Summer Heavy Precipitation Events in the Southwest". Southwest Weather Workshop at the Phoenix National Weather Service Forecast Office, Phoenix, AZ. 6 May 6 2011. Workshop presentation.

Lance Traub

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ♦ Applied and theoretical aerodynamics

2011 Publications:

Traub, Lance W., and E. Freienmuth. "Effect of Streamwise Attachment Gap on the Aerodynamic Characteristics of Gurney Flaps." *Journal of Aircraft* 48.1 (2011): 348, 349-351. Print.

Traub, Lance W., and J. Gross. "An Experimental and Theoretical Investigation of Ground Effect at Low Reynolds Numbers." *Journal of Aircraft* (2011) Print.

Traub, Lance W., and T. Nix. "An Experimental Investigation of a Morphable Biplane." *Journal of Aircraft* (2011). Print.

Traub, Lance W., M. Sweet, and K. Nielsen. "Evaluation and Characterization of a Lateral Synthetic Jet Actuator." *Journal of Aircraft* (2011). Print.

Lance Traub (continued)

Traub, Lance W. "Development of AE411: Advanced Experimental Aerodynamics". ASEE 118th Annual Conference and Exposition, Vancouver, BC, Canada. 26-29 June 2011. Conference presentation. Print.

---. "Effect of Rapid Prototyped Airfoil Finish on Loading at Low Reynolds Numbers." *Journal of Aircraft* (2011). Print.

---. "Experimental Investigation of the Effect of Trip Strips at Low Reynolds Numbers." *Journal of Aircraft* 48.5 (2011): 1776, 1777 - 1784. Print.

---. "High Incidence Airfoil Lift and Drag Estimates." *Journal of Aircraft* (2011). Print.

---. "Range and Endurance Estimates for Battery-Powered Aircraft." *Journal of Aircraft* 48.2 (2011): 703,704 - 707. Print.

Bradley Wall

College: Engineering

Department: Aerospace & Mechanical Engineering



Research Areas:

- ♦ Orbital mechanics
- ♦ Optimization

2011 Publications:

Wall, Bradley, and Daniel Novak. "A 3D Shape-Based Approximation Method for Low-Thrust Trajectory Design". AAS/AIAA Astrodynamics Specialist Conference, Girdwood, AK. 31 July – 4 August 2011. Conference presentation.

Pat Watkins

Department: Hazy Library & Learning Center



Research Areas:

- ♦ Competitive intelligence
- ♦ International and industrial relations
- ♦ Library information resources

2011 Publications:

Watkins, Patricia, and Suzie Roth. "Student Success, A Collaborative Model ". AzLA (Arizona Library Association), Tucson, AZ. November 2011. Poster presentation.

Jana Whittington

Department: Educational Technology

Research Areas:

- ♦ Instructional strategies
- ♦ Multimodal learning environments
- ♦ Serious games



2011 Publications:

Whittington, Jana, and J. Colwell. "Writing Challenges for Graduate Students in Engineering and Technology". ASEE Conference Proceedings, Vancouver, BC, Canada. 26-29 June 2011. Conference presentation. Print.

Whittington, Jana, and K. Nankivell. "Multimodal Serious Games and Social Interaction". Proceedings of SALT Conference, Orlando, FL. 20-22 May 2011. Conference presentation.

Li Yang

College: Arts & Sciences

Department: Humanities & Communications

Research Areas:

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



2011 Publications:

Yang, Li. "From Chester Lee to Moon Gar Gin, A Paper Son in Tucson." *Biographical Literature* 592 (2011): 122,123-127. Print.

---. "A Historical Review of the Chinese Language Schools in America." *The Arizona Chinese News* (2011). Print.

---. "How I Developed the Eastern and Western Civilizations Course". ROTC Grant Conference on Strategic Language Intensive Program (SLIP), Prescott, AZ. 29 June 2011. Conference presentation.

---. "Kang Youwei's Business Ventures in Mexico." *Biographical Literature* (2011). Print.

Li Yang (continued)

- . "Kang Youwei's Business Ventures in Mexico". Third Annual SCIEA (Society of Cultural Interactions in East Asia) International Conference, Wuhan, P. R. China. 7 May 2011. Conference presentation.
- . "The Life and Career of a Ming Dynasty General: Yang Hong." *The Chinese Culture and History Forum* (2011): 68,69-72. Print.
- . "Paper Sons and Chain Migration: Immigration Strategies of the Gin Clan in Tucson, Arizona during the Chinese Exclusion Era". International Conference on Immigrant Letters and Remittances: The Guangdong Case, Guangzhou, P.R. China. 8 December 2011. Conference presentation.
- . "Wang Zhaojun's Diplomatic Mission among the Huns during the Western Han Dynasty." *The Chinese Culture and History Forum* (2011). Print.

Alvin Yount

College: Arts & Sciences

Department: Humanities & Communications



Research Areas:

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

2011 Publications:

Yount, Alvin R. "Convergence of Self with Group Equals Dynamic Organizations". UNM Mentoring Institute 2011 Conference, Albuquerque, NM. 26-28 October 2011. Conference presentation.

Michele Zanolin

College: Arts & Sciences

Department: Physics



Research Areas:

- ◆ Gravitational waves detection
- ◆ Acoustic sensing

2011 Publications:

Zanolin, Michele, and J. Abadie. "Directional Limits on Persistent Gravitational Waves using LIGO S5 Science Data." *Physical Review Letters* 107 (2011). Print.

---. "Search for Gravitational Waves Associated with the August 2006 Timing Glitch of the Vela Pulsar." *Physical Review D* 83 (2011). Print.

---. "Search for Gravitational Waves from Binary Black Hole Inspiral, Merger, and Ringdown." *Physical Review D* 83 (2011). Print.

Zanolin, Michele, and et al. "Beating the Spin-Down Limit on Gravitational Wave Emission from the Vela Pulsar " *The Astrophysical Journal* 737.2 (2011). Print.

Michele Zanolin (continued)

Zanolin, Michele, and Andri M. Gretarsson. *Ultrasonic Measurement of the Young's Modulus of Thin Films*. G1101120-v1. LIGO Scientific Collaboration, 2011. Print.

Zanolin, Michele, Siong Heng, and Isidoro Ferrante. *S6-VSR2 Coherent Waveburst Review Document*. T1000241-v1. LIGO Scientific Collaboration, 2011. Print.

Zanolin, Michele, and Sergei Klimenko. *Astrophysical Interpretation of Results in Supernova Searches*. T1100552-v1. LIGO Scientific Corporation, 2011. Print.

---. *Energy Upper Limits for Multiple SN Observations*. T1100504-v2. LIGO Scientific Collaboration, 2011. Print.

Zanolin, Michele, Heng Siong, and Ferrante Isidoro. *Coherent Wave Burst Review Document for the Results Obtained During the 6th LIGO Science Run and the Virgo VSR2/3 Runs*. T1100580-v5. LIGO Scientific Collaboration, 2011. Print.

Zanolin, Michele, and Salvatore Vitale. *Application of Asymptotic Expansions for Maximum Likelihood Estimators' Errors to Gravitational Waves from Binary Mergers: The Network Case*. P1100096-v3. LIGO Scientific Collaboration, 2011. Print.

Michele Zanolin (continued)

---. "Application of Asymptotic Expansions for Maximum Likelihood Estimators' Errors to Gravitational Waves from Inspiring Binary Systems: The Network Case." *Physical Review D* 84.10 (2011). Print.

Zanolin, Michele. "All-Sky Search for Periodic Gravitational Waves in the Full S5 LIGO Data." LIGO Scientific Corporation (2011): 18. Print.

---. "Implementation and Testing of the First Prompt Search for Gravitational Wave Transients with Electromagnetic Counterparts." LIGO Scientific Corporation (2011): 15. Print.

---. "Search for Gravitational Wave Bursts from Six Magnetars." LIGO Scientific Corporation (2011). Print.

---. *Update on Targeted SN Search with CWB*. T1100313-v1. LIGO Scientific Collaboration, 2011. Print.

---. "Upper Limits on a Stochastic Gravitational-Wave Background Using LIGO and Virgo Interferometers at 600-1000 Hz." LIGO Scientific Corporation (2011): 29. Print.

Hong Zhan

College: Arts & Sciences

Department: Humanities & Communications



Research Areas:

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

2011 Publications:

Zhan, Hong, H. Chen, and A. Cai. "Integrating Second Life in Teaching Chinese: Practice, Research, and Future Trends.". The 9th International Conference on Chinese language, Beijing, China. 24-26 July 2011. Conference presentation.

Zhan, Hong, and H. Chen. "Integrating Second Life in Teaching and Learning Chinese: Background, Research, and Practice". 2011 National Chinese Conference, San Francisco, CA. 15-18 April 2011. Conference presentation.

Zhan, Hong, and H. J. Cheng. "Second Classroom--A Virtual Platform for Teaching Mandarin Chinese: Development and Applications". Conference Proceedings of the 7th International Conference on Internet Chinese Education, Taipei, Taiwan. 17-19 June 2011. Conference presentation.