

**Bibliography
of
Publications & Presentations**

*Embry-Riddle
Aeronautical University
Prescott Campus
Community*



2005

Adams, Valerie L.

College: Arts & Sciences

Department: Global Studies



Professional Distinctions:

- University Dissertation Fellowship, University of New Hampshire
- Eisenhower Presidential Library Travel Grant
- Gunst-Wilcox Research Grant

2005 Publications:

1. Adams, Valerie L. Eisenhower's Fine Group of Fellows: Crafting National Security Policy to Uphold the "Great Equation". 1st ed.: Lexington Books, 2005.
2. ---. Instructor's Manual and Test Bank for Give Me Liberty! an American History (2 Volumes). New York, NY: W.W. Norton & Company, 2005.
Notes: To be used with Give Me Liberty! an American History by Eric Foner

Anz-Meador, Phillip D.

College: Arts & Sciences

Department: Physics



Research Area:

- Space environment characterization, including micrometeoroids, man-made space debris, and radiation modeling and effects.
- Small solar system bodies, such as comets, asteroids, and cosmic dust.

Professional Distinctions:

- ERAU Prescott 2005 Faculty Distinguished Service Award
- Spring 2005 SGA Faculty of the Semester Award
- 2005 Outstanding Teaching Award in the Department of Physics
- Candidate for Society of Physics Students Zone Counselor Award

2005 Publications:

1. Anz-Meador, Phillip D. "Space Pollution." Encyclopedia of Pollution. New York: Macmillan Publishing Company/The Gale Group, 2005.

Beatty, Jametha

College: Arts & Sciences

Department: Humanities and Communications



Research Area:

- Acts of literacy: Life-long practices to enhance spiritual, mental, and physical health.
- Narrative research and writing as a way to make knowledge and report findings.
- Creative writer of poems, with a novel in my bottom desk drawer.

Professional Distinctions:

- Member of Phi Kappa Phi
- Member of Delta Kappa Gamma
- Active participant in numerous professional organizations such as Western States Rhetoric and Literacy Conference, TESOL, College English Association.

2005 Publications:

1. Beatty, Jametha, and Anita Nordbrock. "Teaching and Learning to Value Diversity." 39th Annual Teachers of English to Speakers of Other Languages Convention, San Antonio, Texas, March 30-April 2, 2005.
2. Nordbrock, Anita, and Jametha Beatty. "Deterring Plagiarism: Initial Experiences With www.tumitin.com or Where Does Plagiarism Fit into Rhetoric ." Western States Rhetoric and Literacy Conference, San Francisco, California, October 21-22, 2005.

Beck, Angela

College: Arts & Sciences

Department: Humanities & Communications



Research Area:

- Cognitive theories of language learning
- Writing pedagogy
- Collaborative learning and teaching
- Team teaching

Professional Distinctions:

- Service Excellence nominee

2005 Publications:

1. Helbling, James, Angela Beck, and Patric McElwain. "Collaborative Development of an Engineering Style Manual." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
2. Helbling, James; Ronald Madler; David B Lanning.; Angela Beck; Patric McElwain. "Integrating Communications into Team-Taught Senior Design Courses." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
3. Parsons, Kenneth, Angela Beck, and Patric McElwain. "An Assessment of the Added Value of a Written Course Project in a General Meteorology Course" 14th Symposium on Education, 85th Annual Meeting of the American Meteorological Society, San Diego, California, January 9-13, 2005.

Bedard, Raynald

College: Aviation

Department: Aeronautical Science



Research Area:

- Low cost flight simulation
- Learning and pedagogy

Professional Distinctions:

- Service Excellence Award for ERAU Prescott, 2003-2004
- International Award for Innovative Excellence in Teaching, Learning and Technology, 2005
- Faculty of the Year for the College of Aviation in 2003 and 2005

2005 Publications:

1. Bedard, Raynald. "Teaching New Millennium Aviation Students." 16th International Conference on College Teaching and Learning, Jacksonville, Florida, March: 2005.

Bloom, Richard W.

College: Arts & Sciences
Department: Global Studies



Research Area:

- Policy analysis-covert action, counterintelligence, counterespionage, personnel security, counterterrorism, counterpropaganda and perception management, interrogation
- Critique of post-modernism in the context of personality, biography, autobiography, and historiography

Professional Distinctions:

- Past-President, Military Psychology Division, American Psychological Association
- Diplomat, American Board of Professional Psychology
- Fellow, Academy of Clinical Psychology
- Fellow, Society of Personality Assessment
- Fellow, Inter-University Seminar on Armed Forces and Society
- Fellow, Society of Air Force Clinical Psychologists
- Member, Governor of Arizona Homeland Security Council
- Member, Association of Former Intelligence Officers

2005 Publications:

1. Bloom, Richard W. "A Commentary on Torture: Review of *The Psychological Origins of Institutionalized Torture*. " International Bulletin of Political Psychology 16.3 (2005): <http://www.psycinfo.com/psyccritiques>.
2. ---. "a Next Unfolding: Review of *Unfolding Social Constructionism*." PsycCRITIQUES 50.23 (2005): <http://www.psycinfo.com/psyccritiques>.

3. ---. "Psychology's Moral Problems As Morals Problem: Review of *Moral Development, Self, and Identity*." PsycCRITIQUES 50.11 (2005): <http://www.psycinfo.com/psyccritiques>.
4. ---. "Who Is Dying to Win? Review of *Dying to Win*." PsycCRITIQUES 50.47 (2005): <http://www.psycinfo.com/psyccritiques>.
5. ---. "Who's in Control? Review of *Control Room*." PsycCRITIQUES 50.45 (2005):



Continued.....

Bruce, Mary

Department: Upward Bound & Math/Science Regional Center



Research Area:

- Higher education administration
- TRIO Programs

Professional Distinctions:

- Adjunct Faculty – Career Development Fall 2004
- Member of WESTOP
- Service Excellence nominee

2005 Publications:

1. Hayashibara, Shigeo, Linda Hooper, and Mary Bruce. "Embry-Riddle Upward Bound and Math/Science Regional Center Program: Aerospace Engineering 9-12/Pre-College Outreach." American Society for Engineering Education Pacific Southwest Regional Conference 2005, Los Angeles, California, April, 2005 .

Chadwick, Steve

College: Arts & Sciences
Department: Mathematics & Computer Science



Research Area:

- Artificial Intelligence

Professional Distinctions:

- Registered Professional Engineer in Electrical Engineering, Tennessee
- Life Member of American Association for Artificial Intelligence
- Member of The Institute of Electrical and Electronics Engineers
- Member of Association for Computing Machinery
- Member of American Society for Engineering Education

2005 Publications:

1. Cone, Milton; Thomas A. Gally; Randall A. Shaffer; Steve Chadwick; James Helbling. "Interdisciplinary Freshman Experience" ASEE Annual Conference and Exposition, Portland, Oregon, June 12-15, 2005.

Chen, Leeann

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

Professional Distinctions:

- Invited to be included in Empire's American Professional Women: Who Is Who.

2005 Publications:

1. Chen, Leeann. "Writing to Host Nationals As Cross-Cultural Collaborative Learning in Study Abroad." Methods for Teaching Travel Literature and Writing: Exploration of the World and Self. New York: Peter Lang Publishing, 2005.

Cone, Milton

College: Engineering

Department: Electrical Engineering/Computer Engineering



Research Area:

- Controls
- Communication
- Aerial systems

Professional Distinctions:

- Faculty Distinguished Service Award, May 2004

2005 Publications:

1. Cone, Milton; Thomas A. Gally; Randall A. Shaffer; Steve Chadwick; James Helbling. "Interdisciplinary Freshman Experience." ASEE Annual Conference and Exposition, Portland, Oregon, June 12-15, 2005.

deLong, Suzanne

Department: Prescott Campus Library



Research Area:

- Library Collections

Professional Distinctions:

- Member Beta Phi Mu
- Approved as Fulbright Senior Specialist, December 2004

2005 Publications:

1. deLong, Suzanne. "The Supremacy of the Book: Advantages of the Book as a Learning Tool." 3rd International Conference on the Book, Oxford, England, September 11-13, 2005.

Devereux, Nick

College: Arts & Sciences

Department: Physics



Research Area:

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

Professional Distinctions:

- As first author have, collectively, been cited over 800 times in professional literature
- Director of the ERAU Astronomical Observatory

2005 Publications:

1. Devereux, Nick, and S. Hameed. "Ha Imaging of Early-Type Sa-Sab Spiral Galaxies. II. Global Properties." Astronomical Journal 129 (2005): 2957.

Fraher, Andrew

Department: International Students/ Dean of Students



Research Area:

- International Education

Professional Distinctions:

- Fulbright Int'l Educational Administrators Seminar Participant, 2002
- SGA Staff Member of the Semester, Fall 2002
- NAFSA-Association of Int'l Educators
- Arizona State Representative, 2003-2005

- Regulatory Ombudsperson-Region 2, 2006-2007
 - Regional Representative-NAFSA Academy for International Education
- Region 2 Highlight Session at 2004 Regional Conference

Professional Associations:

- NAFSA : Association of Int'l Educators
- National Association of Student Personnel Administrators
- Association for Student Judicial Affairs
- Fulbright Association

2005 Publications:

1. Fraher, Andrew. "Advocacy for International Education on Campus- Creating and Implementing Innovative Internationalization Strategies for Your Campus." NAFSA: Association of International Educators - NAFSA Academy, Colorado Springs, Colorado, November: 2005.

2. ---. "Ignorance Is Not Bliss: Basic Immigration for Non-Foreign Student Advisers." NAFSA: Association of International Educators Annual Conference, Seattle, Washington, May, 2005.
3. ---. "Into to Fire: Strategies for Surviving As a New International Educator." NAFSA: Association of International Educators Region 2 Conference, Colorado Springs, Colorado, November: 2005.
4. ---. "Moving Toward Internationalization: Breaking Down Barriers Between Academics and Student Affairs." NAFSA: Association of International Educators Annual Conference, Seattle, Washington, May, 2005.
5. ---. "Strategies for Advocating for International Education on Your Campus." Arizona International Educators State Meeting, Tucson, Arizona, March 18, 2005.



Continued.....

Fogleman, Maxwell

College: Aviation
Department: Safety Science



Professional Distinctions:

- Human Factors and Ergonomics Society
- The Ergonomics Society
- International Society for Occupational Ergonomics and Safety
- International Air Transport Section, National Safety Council

2005 Publications:

1. Fogleman, Maxwell. "Safety Management Systems" Aviation Ground Operation: Safety Handbook. International Air Transport Section Working Group. 6th ed. National Safety Council Press, 2005.
2. Fogleman, Maxwell, and F. Bhojani. "Refinery Firefighters: Assessing Fitness for Duty." International Journal of Occupational Safety and Ergonomics 11.2 (2005): 161-70.
3. Fogleman, Maxwell, L. Fakhrazadeh, and T. Bernard. "The Relationship between Outdoor Thermal Conditions and Acute Injury in an Aluminum Smelter." International Journal of Industrial Ergonomics 35.1 (2005): 47-55.
4. Fogleman, Maxwell, Terry Stobbe, and J. Craigie. "An Investigation of the Effectiveness of Police Cruiser Doors As Protection From Handgun Attack." International Journal of Occupational Safety and Ergonomics 11.4 (2005): 451-56.

Gally, Thomas A.

College: Engineering
Department: Aerospace Engineering



Research Area:

- Transonic Aerodynamics
- Aircraft Design

Professional Distinctions:

- 2002 Faculty Outstanding Service Award
- 2002 Boeing A. D. Welliver Faculty Summer Fellow
- 2001 SAE Ralph R. Teetor Educational Award

2005 Publications:

1. Cone, Milton; Thomas A. Gally; Randall A. Shaffer; Steve Chadwick; James Helbling. "Interdisciplinary Freshman Experience." ASEE Annual Conference and Exposition, Portland, Oregon, June 12-15, 2005.

Groom, Eileen

College: Arts & Sciences

Department: Humanities & Communications



Professional Distinctions:

- 1st place in fiction in Arizona English Teachers' Associations' Teachers as Writers Contest (2005)
- First place in nonfiction in Arizona English Teachers' Association's Teachers as Writers Contest (2000)
- Who's Who Among America's Teachers (1998, 2001, 2004)

- Second place in fiction in Arizona English
- Teachers' Association's Teachers as Writers Contest
- Winner of Best of Show in the Yavapai County Women in the Arts for fiction and recipient of an honorable mention in the same contest
- Member of Who's Who of American Women and Who's Who in the West

2005 Publications:

1. Groom, Eileen . "Travel Literature, a Genre for Reluctant Readers." Methods for Teaching Travel Literature and Writing: Exploration of the World and Self. Editor. Eileen Groom. 1st ed. New York: Peter Lang Publishing, 2005. 43-49.

Hayashibara, Shigeo

College: Engineering

Department: Aerospace Engineering



Research Area:

- Aerodynamics
- CFD
- High-Performance Computation

2005 Publications:

1. Hayashibara, Shigeo. Aircraft Preliminary Design: Design Notebook. Prescott, Arizona: Embry-Riddle Aeronautical University, College of Engineering, Aerospace Engineering Department, 2005.
2. Hayashibara, Shigeo. Computational Fluid Dynamics. Prescott, Arizona: Embry-Riddle Aeronautical University, College of Engineering, Aerospace Engineering Department, 2005.
3. Hayashibara, Shigeo. Fluid Mechanics. Prescott, Arizona: Embry-Riddle Aeronautical University, College of Engineering, Aerospace Engineering Department, 2005.
4. Hayashibara, Shigeo, Linda Hooper, and Mary Bruce. "Embry-Riddle Upward Bound and Math/Science Regional Center Program: Aerospace Engineering 9-12/Pre-College Outreach." American Society for Engineering Education Pacific Southwest Regional Conference 2005, Los Angeles, California, April, 2005 .

Helbling, James

College: Engineering
Department: Aerospace Engineering



Research Area:

- Aircraft structural analysis, primarily in terms of component fatigue life predictions
- Incorporating communications instruction into the engineering curriculum

Professional Distinctions:

- Fall 2004 SGA Faculty of the Semester Award
- Presidential Citation in Fall 2005.

2005 Publications:

1. Cone, Milton; Thomas A. Gally; Randall A. Shaffer; Steve Chadwick; James Helbling. "Interdisciplinary Freshman Experience." ASEE Annual Conference and Exposition, Portland, Oregon, June 12-15, 2005.
2. Helbling, James, Angela Beck, and Patric McElwain. "Collaborative Development of an Engineering Style Manual." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
3. Helbling, James; Ronald Madler; David B Lanning.; Angela Beck; Patric McElwain. "Integrating Communications into Team-Taught Senior Design Courses." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.

Henner, Murray

College: Arts & Sciences
Department: Global Studies



Research Area:

- International Law
- Genocide
- U.S. Civil Liberties
- Revisionism
- International Judiciary
- Reform in Academia

Professional Distinctions:

- U.S. Supreme Court Litigation
- US Naval Judge Advocate General Corps Commanding Officer NE Region USNR
- Phi Beta Kappa
- West Publishing Company Consecutive Awards in Journalism in International Law and Human Rights Law
- Judge, NY and Erie County Superior Courts
- Chair NYS Bar
- Texas and District of Columbia Bars
- Outstanding Faculty Award Campus Wide Hofstra University
- Distinguished Visiting Professor New College
- Law Review
- Outstanding Faculty Award Adelphi University

Continued.....

2005 Publications:

1. Henner, Murray. "A Call for a New International Protocol Relating to Aviation Security in Light of Recent Technological and Global Developments Subsequent to 9/11." International Journal of Technology, Knowledge and Society 1 (2005-2006): <http://www.Technology-Journal.com>.
2. ---. "The Educational Repercussions of Revisionist Theory in Academia: Are Educators Sanctioning Racial and Ethnic Discrimination?" 12th International Conference on Learning, 5 (2005-2006): <http://www.Learning-Journal.com>.
3. ---. "Why Definitions of Racial Discrimination Under U.S. Domestic Law Are Woefully Inadequate." Diversity Symposium 12 (2005-2006): <http://www.Diversity-Journal.com>.



Hooper, Linda

Department: Upward Bound & Math/Science Regional Center

Research Area:

- First Generation Math/Science College Students
- Academic Partnerships

Professional Distinctions:

- Director, Upward Bound & Math/Science Regional Center, ERAU; 2003-Present
- Adjunct Faculty, NAU, 2003-2005
- TRIO Advisory Board Facilitator, 2003-2005
- Soar to Success/Boeing Education Allocation Recipient, 2004 & 2005



2005 Publications:

1. Hayashibara, Shigeo, Linda Hooper, and Mary Bruce. "Embry-Riddle Upward Bound and Math/Science Regional Center Program: Aerospace Engineering 9-12/Pre-College Outreach." American Society for Engineering Education Pacific Southwest Regional Conference 2005, Los Angeles, California, April, 2005.

James, Curtis N.

College: Aviation

Department: Meteorology



Research Area:

- Mountain meteorology,
- Doppler radar
- Mesoscale meteorology.

Professional Distinctions:

- Member of the American Meteorological Society
- Phi Beta Kappa Honor Society

2005 Publications:

1. James, Curtis N., and Robert A. Houze. "Modification of Precipitation by Coastal Orography in Storms Crossing Northern California." Monthly Weather Review 133.11 (2005): 3110-31.

Jones, Leeann

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

Professional Distinctions:

- Invited to be included in Empire's American Professional Women: Who Is Who.

2005 Publications:

1. Jones, Leeann . "Western Experiential Pedagogy in Study-Abroad." Chinese Teaching in the World 2005.1 (2005): 71-86.

Juan-Saura, Mercedes

College: Arts & Sciences

Department: Humanities & Communications



Research Area:

- Latin American Literature, 20th Century
- Spanish Poetry

Professional Distinctions:

- Presenter at International Rodrigo Festival

2005 Publications:

1. Juan-Saura, Mercedes. "Jose Marti y Los Escritores Cubanos." Rocky Mountain Modern Language Association. Coeur D'Alene, Idaho, October 19-22, 2005.

Lanning, David B.

College: Engineering

Department: Aerospace Engineering



Research Area:

- Aerospace structures
- High cycle fatigue
- Fatigue and fracture of materials
- Foreign object damage
- Mechanical testing.

Professional Distinctions:

- AIAA Senior Member
- AIAA Special Service Citation 2003
- COE Outstanding Contributor 2003-2004
- Member of numerous ERAU committees.

2005 Publications:

1. Helbling, James, et al. "Integrating Communications into Team-Taught Senior Design Courses." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
2. Lanning, David B., et al. "A Critical Plane Gradient Approach for the Prediction of Notched HCF Life." International Journal of Fatigue 27.5 (2005): 481-92.
3. Lanning, David B., T. Nicholas, and G. K. Haritos. "On the Use of Critical Distance Theories for the Prediction of the High Cycle Fatigue Limit Stress in Notched Ti-6Al-4V." International Journal of Fatigue 27 (2005): 45-57.

Continued.....

4. Lanning, David B., T. Nicholas, and A. Palazotto. "Weakest-Link Failure Models Applied to High Cycle Fatigue Failure at Stress Concentrations." Engineering Fracture Mechanics 72 (2005).
5. Lanning, David B., Theodore Nicholas, and Anthony Palazotto. "The Effect of Notch Geometry on Critical Distance High Cycle Fatigue Predictions." International Journal of Fatigue 27 (2005): 1623-27.



Madler, Ronald

College: Engineering
Department: Aerospace Engineering

Research Area:

- Engineering Education
- Orbital Debris
- Astrodynamics
- Spacecraft Design
- Space Exploration
- Planetary Science



2005 Publications:

1. Helbling, James; Ronald Madler; David B Lanning.; Angela Beck; Patric McElwain. "Integrating Communications into Team-Taught Senior Design Courses." ASCE Annual Conference, Portland, Oregon, June 12-15, 2005.

McElwain, Patric

College: Arts & Sciences

Department: Humanities & Communications



Research Area:

- Film Studies
- Technical Communications
- Science Fiction
- Buffy the Vampire Slayer (TV Series)

Faculty Quote:

- "Everything you need to know about life can be gleaned from watching Buffy the Vampire Slayer."

2005 Publications:

1. Helbling, James, Angela Beck, and Patric McElwain. "Collaborative Development of an Engineering Style Manual." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
2. Helbling, James; Ronald Madler; David B Lanning.; Angela Beck; Patric McElwain. "Integrating Communications into Team-Taught Senior Design Courses." ASEE Annual Conference, Portland, Oregon, June 12-15, 2005.
3. Parsons, Kenneth, Angela Beck, and Patric McElwain. "An Assessment of the Added Value of a Written Course Project in a General Meteorology Course." 14th Symposium on Education, 85th Annual Meeting of the American Meteorological Society, San Diego, California, January 9-13, 2005.

Nordbrock, Anita

College: Arts & Sciences

Department: Humanities & Communications



Research Area:

- Cowboy Poetry
- Teaching and learning scholarship
- Multi-cultural issues

2005 Publications:

1. Beatty, Jametha, and Anita Nordbrock. "Teaching and Learning to Value Diversity." 39th Annual Teachers of English to Speakers of Other Languages Convention, San Antonio, Texas, March 30-April 2, 2005.
2. Nordbrock, Anita. "18th ACPG Gathering." Rope Burns Magazine September-October (2005): 16.
3. ---. 18th Annual Arizona Cowboy Poets Gathering Program. Prescott, Arizona, 2005.
4. ---. "Diversity in the Classroom." Wakonse-Arizona Conference, Payson, Arizona, May 10-22, 2005.
5. ---. "Hawaiian Cowboy Poetry/Mele." 6th Flagstaff Cowboy Poetry Gathering at the Trappings of the American West, Flagstaff, Arizona, June 18, 2005.

Continued.....

6. ---. "Horses You've Known (Horse, Horses, Horses)." 18th Arizona Cowboy Poetry Gathering, Prescott, Arizona, August 18-21, 2005.
7. ---. "Photos From Prescott." Rope Burns Magazine November-December (2005): 9.
8. Nordbrock, Anita. "Poetry in the Schools Program." Texas Cowboy Poetry Gathering, Alpine, Texas, February 25-26, 2005.
9. Nordbrock, Anita, and Jametha Beatty. "Deterring Plagiarism: Initial Experiences With www.tumitin.com or Where Does Plagiarism Fit into Rhetoric ." Western States Rhetoric and Literacy Conference, San Francisco, California, October 21-22, 2005.



Parker, Allene

College: Arts & Sciences

Department: Humanities & Communications

Research Area:

- American and British Literature 1800 to present 19th century American history - utopian communities and abolition/ women's suffrage movements
- Latin American literature 20th century World Literature-- Nobel Laureates Mystery fiction Women Writers 19th century - present Comparative World Religions Ethics Creative Writing -- pedagogy and practice



Professional Distinctions:

- Invited presentation at Oxford Round Table on Religion, Education, and Public Policy, Lincoln College, Oxford University, Oxford, UK -- August 2005

2005 Publications:

1. Parker, Allene. "Calamity Jane's Cousin and Other Poems." Rocky Mountain Modern Language Association, Coeur D'Alene, Idaho, October 19-22, 2005.
2. ---. "Ella Clah: Many Worlds Warrior." Rocky Mountain Modern Language Association, Coeur D'Alene, Idaho, October 19-22, 2005.
3. ---. "Karma Lessons: Ethical Implications for Teaching Religious Diversity in the 21st Century, Oxford, England, August 7-12." Oxford Round Table on Religion, Education, and the Role of Government: 2005 .

Parsons, Kenneth

College: Aviation

Department: Meteorology



Research Area:

- (Scientifically) development of extratropical cyclones and (educationally) value of new teaching methodologies especially written research projects to student learning.

Professional Distinctions:

- Center for Teaching and Learning Excellence Director's Award
- Wakonse Fellow
- International Technology Corporation 1993 National Quality Award

2005 Publications:

1. Parsons, Kenneth, Angela Beck, and Patric McElwain. "An Assessment of the Added Value of a Written Course Project in a General Meteorology Course." 14th Symposium on Education, 85th Annual Meeting of the American Meteorological Society, San Diego, California, January 9-13, 2005.
2. Parsons, Kenneth, Mark Sinclair, and Randy Tomkins. "A Weather Degree Program for the New Millennium: Phase II." 14th Symposium on Education, 85th Annual Meeting of the American Meteorological Society, San Diego, California, January 9-13, 2005.

Peacock, Brian

College: Aviation

Department: Safety Science



Research Area:

- Evaluation of Synthetic Vision Systems to prevent CFIT accidents (with Sean Jeralds, Gary Northam, Paul Amen, Max Fogelman, Jeremy Smith, Kenneth May) - Honeywell
- Evaluation of alternative interfaces for Unmanned Aerial Vehicles (with Robin Sobotta) NASA
- Development of an Industrial Crash Laboratory (with Max Fogleman and Nancy Lawrence) ERAU / CTLE
- Development of measures of human physical performance with encumbrance (with Gary Northam) - unsponsored

Professional Distinctions:

- 2005 – Present Member Human Factors and Ergonomics Society Executive Council
- 2005 – Present Member, Human Factors and Ergonomics Society External Affairs Subcouncil
- 2005 – Present ABET Engineering Program Evaluator
- 2004 – Present Chair HFES A. R. Lauer Award Committee
- 2003 – Present Associate Editor, Habitation Journal
- 1996 - Present Associate Editor, Human Factors and Ergonomics in Manufacturing Journal
- 1995 – Present Associate Editor, Ergonomics in Design Journal

Continued.....

2005 Publications:

1. Peacock, Brian. "Remember Hawthorn." Ergonomics in Design 13.1 (2005).
2. ---. "Unwanted Energy: Vibration." Ergonomics in Design 13.2 (2005).
3. Peacock, Brian, and Laux. Lila. "Do Not Use While Sleeping ." Ergonomics in Design 13.3 (2005).



Reynolds, Randolph

College: Aviation

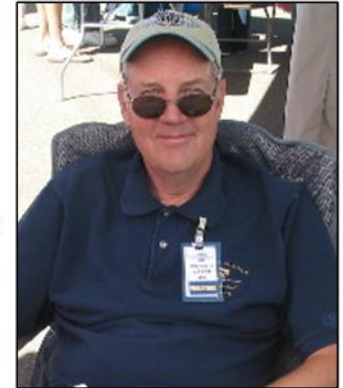
Department: Aeronautical Science

Research Area:

- History of NASA Aeronautics with emphasis upon High Speed Research program (now defunct) and Airborne Science
- Application of wind and water tunnels to undergraduate aerodynamics courses.

Professional Distinctions:

- Outstanding Graduate: USAF Undergraduate Pilot Training: August 1964



2005 Publications:

1. Reynolds, Randolph. "Application of Low Speed Wind Tunnels in Teaching Basic Aerodynamics." The Journal of Aviation/Aerospace Education & Research 14.2 (2005): 9-18.

Shaffer, Randall A.

College: Engineering

Department: Electrical Engineering/Computer Engineering



Research Area:

- Power Electronics
- Electric Vehicles

Professional Distinctions:

- Patent #5,969,499 Controller for AC Motor/Faculty
- Distinguished Service Award, 2000 - 01, Embry-Riddle Aeronautical University
- Faculty Distinguished Service Award, 1998 - 99, Embry-Riddle Aeronautical University
- Hans von Ohain Fellowship, 1995 - 96, University of Dayton
- Outstanding Faculty, 1990 - 91, Embry-Riddle Aeronautical University
- Member Eta Kappa Nu

2005 Publications:

1. Cone, Milton; Thomas A. Gally; Randall A. Shaffer; Steve Chadwick; James Helbling. "Interdisciplinary Freshman Experience." ASEE Annual Conference and Exposition, Portland, Oregon, June 12-15, 2005.

Sinclair, Mark

College: Aviation

Department: Meteorology



Research Area:

- Classification and lifecycles of extratropical cyclones
- Storm track climatology
- Variability and greenhouse-induced changes
- Extratropical transition of southwest Pacific tropical cyclones and orographic precipitation processes
- Southern Hemisphere and Antarctic meteorology

Professional Distinctions:

- "Who's Who Among America's Teachers", 2002 & 2004
- "Who's Who in America", 2002
- Adjunct Faculty, Arizona State University, Phoenix, AZ, 2002-
- Honorary Lecturer, School of Earth Sciences, Victoria University of Wellington, 1987-1998
- "Who's Who in American Universities and Colleges", 1984

2005 Publications:

1. Parsons, Kenneth, Mark Sinclair, and Randy Tomkins. "A Weather Degree Program for the New Millennium: Phase II." 14th Symposium on Education, 85th Annual Meeting of the American Meteorological Society, San Diego, California, January 9-13, 2005.

Tomkins, Randy

College: Aviation

Department: Meteorology



Research Area:

- Global (Polar) Warming
- Hurricane motion and Development

Professional Distinctions:

- Previous career as Navy Meteorologist/Oceanographer

2005 Publications:

1. Parsons, Kenneth, Mark Sinclair, and Randy Tomkins.
"A Weather Degree Program for the New Millennium:
Phase II." 14th Symposium on Education, 85th Annual
Meeting of the American Meteorological Society,
San Diego, California, January 9-13, 2005.

Notes:



“Education is
knowing what
you want,
knowing where
to get it, and
knowing
what to do
with it after