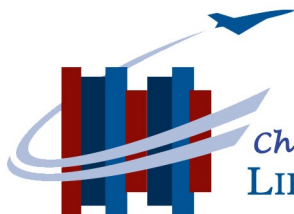


Scholarly Speaking 2017



Christine & Steven F. Udvar-Hazy
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EMBRY-RIDDLE
Aeronautical University

PRESCOTT, ARIZONA

Scholarly Speaking

April 13, 2017

Program

Welcome

Dr. Frank Ayers
Chancellor

Author Recognition

Sarah Thomas
Director, Hazy Library and Learning Center

Dr. Richard Bloom
Chief Academic Officer

Faculty Speakers

Dr. Geoffrey Jensen
College of Security and Intelligence

Dr. Kaela Martin
College of Engineering

Bibliography
of
Publications & Presentations
in 2016

Embry-Riddle
Aeronautical University
Prescott Campus
Community

April 13, 2017



Mehran Andalibi

College: Engineering

Department: Mechanical Engineering

Research Areas: Autonomous systems; Computer vision; Machine learning.

2016 Scholarly Activity:

Andalibi, M., Battaglia, D., Sampigethaya, K., Almagambetov, A., Groh, T., Martin, K., ... Boettcher, A. (2016). Integrating research into undergraduate courses: Experiences from a multi-disciplinary faculty learning community. In 2016 Rocky Mountain Section Conference (pp. 212–227). Cedar City, UT: American Society for Engineering Education. Retrieved from <https://drive.google.com/file/d/0B2QBGmEr1H08Q21xdWlxWDFrQ2c/view>

Andalibi, M., Hoberock, L., & Chandler, D. (2016). Real-time detection of moving cast shadows using foreground luminance statistics. *Artificial Intelligence Research*, 5(1). Retrieved from <https://doi.org/10.5430/air.v5n1p144>

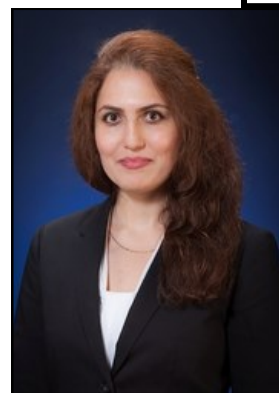
Andalibi, M., Mohamadipanah, H., & Hoberock, L. (2016). Robust automatic feature tracking on beating human hearts for minimally invasive CABG surgery. *Journal of Medical Devices*, 10(4), 41010. Retrieved from <https://doi.org/10.1115/1.4033301>

Ghazal Barari

College: Engineering

Department: Mechanical Engineering

Research Areas: Combustion modeling; HCCI engines; Quantum chemical calculations.



2016 Scholarly Activity:

Barari, G., Koroglu, B., Masunov, A. E., & Vasu, S. (2016). Combustion of Aldehydes in the Negative Temperature Coefficient Region: Products and Pathways. In Proceedings of the ASME Turbo Expo: Turbomachinery Technical Conference and Exposition--2016 (Vol. 3: Coal, Biomass and Alternative Fuels; Cycle Innovations; Electric Power; Industrial and Cogeneration; Organic Rankine Cycle Power Systems, p. V003T03A012). New York, NY: American Society of Mechanical Engineers. Retrieved from <https://doi.org/10.1115/GT2016-58025>

Barari, G., Koroglu, B., Masunov, A. E., & Vasu, S. (2016). Products and pathways of aldehydes oxidation in the negative temperature coefficient region. *Journal of Energy Resources Technology*, 139(1), 012203. Retrieved from <https://doi.org/10.1115/1.4033589>

Barari, G., Pryor, O., Koroglu, B., Lopez, J., Nash, L., & Vasu, S. (2016). Shock tube ignition studies of advanced biofuels. American Institute of Aeronautics and Astronautics. Retrieved from <https://doi.org/10.2514/6.2016-4691>

Barari, G., & Rahbari, A. (2016). Theoretical study of triple-flame temperature distribution in heat-recirculated microcombustor. *Journal of Energy Engineering*, 142(4), 04016009. Retrieved from [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000345](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000345)



Dina Battaglia

Department: Center for Teaching & Learning Excellence

Research Areas: Master teaching, Authentic teaching and assessment;
Application of positive psychology to the teaching and learning environment.

2016 Scholarly Activity:

Battaglia, D. (2016). Finding center success through transformative faculty relationships. Paper presented at the Professional and Organizational Development Network in Higher Education, Louisville, KY.

Battaglia, D., & Martin, K. (2016). Have a seat! Understanding the effects of classroom setting on rapport. In Evidence-Based Teaching and Learning. Newport Beach, CA, USA: International Teaching Learning Cooperative, LLC. Retrieved from http://media.wix.com/ugd/7516e7_ac4dfb7fa1174002b067f48445238297.pdf

Battaglia, D., Sampigethaya, K., Almagambetov, A., Andalibi, M., Groh, T., Martin, K., ... Boettcher, A. (2016). Integrating research into undergraduate courses: Experiences from a multi-disciplinary faculty learning community. In 2016 Rocky Mountain Section Conference (pp. 212–227). Cedar City, UT: American Society for Engineering Education. Retrieved from <https://drive.google.com/file/d/0B2QBGmEr1H08Q21xdWlxWDFrQ2c/view>

Battaglia, D. (2016). The power of the “three Cs” on student motivation and learning. Paper presented at the Lilly Conference on Designing Effective Teaching, Asheville, NC.

Richard W. Bloom, Chief Academic Officer

College: Security & Intelligence

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



2016 Scholarly Activity:

Bloom, R. W. (2016). A bull market but whose bull is being gored? Review of the psychology of radicalization and terrorism. *PsycCRITIQUES*, 61(15). Retrieved from <https://doi.org/10.1037/a0040244>

Bloom, R. W. (2016). Neither charisma nor leadership. Review of *Charismatic leadership: The role of charisma in the Global Financial crisis*. *PsycCRITIQUES*, 61(37). Retrieved from <https://doi.org/10.1037/a0040519>

Bloom, R. W. (2016). Understanding the human element: Preventing insider threats and betrayals. *TR News*, 304, 44.

Bloom, R. W. (2016). A way beyond good and evil? Review of *anatomy of malice: The enigma of the Nazi war criminals*. *PsycCRITIQUES*, 61(33). Retrieved from <https://doi.org/10.1037/a0040432>



Anne Boettcher

Department: Undergraduate Research Institute and Honors Program

Research Areas: Undergraduate research; Ecological sociology.

2016 Scholarly Activity:

Boettcher, A. A., Martin, D. L., Chiari, Y., Boone, E., Sherman, T. D., Ross, C., . . . Wyllie-Echeverria, S. (2016). Functional, phylogenetic and host-geographic signatures of *Labyrinthula* spp. provide for putative species delimitation and a global-scale view of seagrass wasting disease. *Estuaries and Coasts*, 39(5), 1403–1421. Retrieved from <https://doi.org/10.1007/s12237-016-0087-z>



Brent Bowen

College: Aviation, Dean

Department: Aeronautical Science

Research Areas: Measurement of airline operational performance and quality; Collegiate aviation education and scholarship; Research methods in aviation.

2016 Scholarly Activity:

Bowen, B. D., Kuhn, M., & Luedtke, J. (2016). The airline quality rating 2016: Results and impact factor. Paper presented at the 8th Annual ERAU Undergraduate Research Symposium: Science Speaker Series, Prescott, AZ.

Bowen, B. D., & Headley, D. (2016). The airline quality report 2016 (Research Monograph). Washington, DC: National Press Club.

Bowen, B. D., Bennett, M., Bowen, E. E., Willard, C., & Luedtke, J. (2016). A concept model for assessing frequent flyer survey data. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Brent Bowen (continued)

- Bowen, B. D., Fink, M., Holt, T. B., & Bowen, E. E. (2016). Conference communique and results of the Aviation/Aeronautics/Aerospace International conference (A³ir Con). Chandler, AZ: Embry-Riddle Aeronautical University.
- Bowen, B. D., Bennett, M., Willard, C., Kuhn, M., & Luedtke, J. (2016). Creating a multi-factor index to model within the U.S. airline industry. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Bowen, B. D., Luedtke, J., Bennett, M., Willard, C., & Kuhn, M. (2016). Creating a multi-factor index to measure operational efficiency within the U.S. airline industry: A case study example. Presented at the 19th Annual American Association of Behavioral and Social Sciences Conference, Las Vegas, NV.
- Bowen, B. D., Bennett, M., Willard, C., & Luedtke, J. (2016). Creating a multi-factor index to model performance in the U.S. airline industry. Poster and abstract presented at Discovery Day, Prescott, AZ.
- Bowen, B. D., Bennett, M., Kuhn, M., Watson, H., Luedtke, J., & Headley, D. (2016). Customizing the airline passenger experience through data gathered by the Airline Quality Rating. Poster presented at the Sixtieth Annual Meeting of the Arizona-Nevada Academy of Science, Las Vegas, NV. Retrieved from <http://arizona.openrepository.com/arizona/handle/10150/607398>
- Bowen, B. D., Holt, T., Vasigh, B., Ison, D., Burgess, S., & Fink, M. (2016). Institute for Global Air Transport Analytics (IGATA): An ERAU Center of Research Excellence. Prescott, AZ: ERAU Accelerate Research Initiative.
- Bowen, B. D., Luedtke, J., Holt, T. B., Fink, M., & Watson, H. (2016). Leveraging the dissemination of scholarly works. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.
- Bowen, B. D., Groh, D., Luedtke, J., Merkt, J., & Kuhn, M. (2016). Pedagogical case study research capstone course experiences. Presented at the 28th Annual Ethnographic & Qualitative Research Conference, Las Vegas, NV.
- Bowen, B. D., Luedtke, J., Kuhn, M., & Merkt, J. (2016). Pedagogical case study research capstone course experiences. Poster and abstract presented at the Discovery Day, Prescott, AZ.
- Bowen, B. D., & Fink, M. (Eds.). (2016). Proceedings of the aviation/aeronautics/aerospace international research conference (A³ir Con). Prescott, AZ: Embry-Riddle Aeronautical University.



Erin Bowen

College: Arts & Sciences

Department: Behavioral & Safety Science, Department Chair

Research Areas: Aviation psychology & safety; Behavioral and attitudinal markers of organizational safety; Statistical modeling and data integration for organizational effectiveness; Survey design; Training and assessment.

2016 Scholarly Activity:

- Bowen, E.E., et.al. (2016). AERIS Center: University consortium on aviation human performance and technical training. Federal Aviation Administration Center of Excellence. Retrieved from <http://www.aeriscenter.org/index.html>
- Bowen, E. E., Willard, C., Bennett, M., Bowen, B., & Luedtke, J. (2016). A concept model for assessing frequent flyer survey data. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Bowen, E. E., Fink, M., Bowen, B., & Holt, T. B. (2016). Conference communique and results of the Aviation/Aeronautics/Aerospace International Conference (A³iR Con). Chandler, AZ: Embry-Riddle Aeronautical University.
- Bowen, E. E., & Bowen, B. (2016). Executive briefing to the leadership; Collaboration in the global community with Embry-Riddle Aeronautical University – Prescott campus. Presentation at the American Hellenic University, Athens, Greece.
- Bowen, E. E., & Sabin, E. J. (2016). This is your captain speaking: I/O's role in aviation safety. Master tutorial presented at the Society for Industrial and Organizational Psychology 31st Annual Conference, Anaheim, CA.
- Bowen, E. E. (2016). Understanding human error: Psychology, aviation, and the public. In The 2016 Air Transport Research Society World Conference: Rhodes, Greece. Rhodes, Greece: Air Transport Research Society.
- Bowen, E. E. (2016). Video shows EgyptAir passenger posing with alleged hijacker [Television Broadcast] Good Morning America. Retrieved from <http://abcnews.go.com/GMA/video/video-shows-egyptair-passenger-posing-alleged-hijacker-38050203>

Ron Carr

College: Aviation

Department: Aeronautical Science

Research Areas: Aviation Physiology; Crew Resource Management.



2016 Scholarly Activity:

Carr, R. (2016). 5 sounds your plane makes -- and what they mean. Interview by A. Hope. Conde Nast Traveler [Website]. Retrieved from <http://www.cntraveler.com/stories/2016-08-01/sounds-your-plane-makes-and-what-they-mean>

Carr, R. (2016). Christmas laser light projectors. Interview by W. Pitts. NBC 12 News [Television Broadcast]. KPNX.

Carr, R. (2016). Crash of LAMIA Flight 2933. Interview by J. Wahl. NBC 12 News [Television Broadcast]. KPNX.

Carr, R. (2016). For want of a working coffeepot, your flight is delayed. Interview by A. Kurtz. New York Times [Newspaper]. New York, NY. Retrieved from http://www.nytimes.com/2016/07/19/business/for-want-of-a-working-coffeepot-your-flight-is-delayed.html?emc=edit_th_20160719&nl=todaysheadlines&nlid=49641193&_r=0

Carr, R. (2016). Sitting on a runway may be a thing of the past. Interview by J. Foster. Arizona Morning [Television Broadcast]. KTAR.

Carr, R. (2016). Turbulence airlines encounter. Interview by B. K. Sullivan. Bloomberg News [Newspaper]. New York, NY.



J. Furman Daniel, III

College: Security & Intelligence

Department: Intelligence Studies and Global Affairs

Research Areas: International Security; Grand strategy; Weapons development; Arms races; Statesmanship; Political theory; Military history.

2016 Scholarly Activity:

Daniel III, J. F. (2016). 21st century Patton. [Podcast]. Midrats Radio. Retrieved from <http://www.blogtalkradio.com/midrats/2016/09/18/episode-350-21st-century-patton-with-j-furman-daniel-iii>

Daniel III, J. F. (Ed.). (2016). 21st century Patton: Strategic insights for the modern era. Annapolis, MD: Naval Institute Press.

Daniel III, J. F. (2016). Carl Von Clausewitz as a political thinker. Paper presented at the Midwest Political Association 74th Annual Conference, Chicago, IL.

Daniel, III, J.F. (2016). Pearl Harbor – Into The Arizona. [Television Broadcast]. Washington, D.C.: StoryHouse Media Group. Retrieved from <https://www.storyhousepro.com/pearl-harbor-into-the-arizona-airing-on-pbs-november-23rd/>

Daniel III, J. F. (2016). The role of synthetic experiences in shaping international relations. Paper presented at the American Political Science Annual Meeting, Philadelphia, PA.

Daniel III, J. F. (2016). To sea or not to sea: The Federalist-Jeffersonian debates and the creation of the America's first grand strategy. Paper presented at the Midwest Political Association 74th Annual Conference, Chicago, IL.

Daniel III, J. F. (2016). The successes and dysfunctions of World War II intelligence operations; Max Hastings surveys the competing powers' secret war machines. Washington Post Blogs. Retrieved from <http://www.lexisnexis.com.ezproxy.libproxy.db.erau.edu/lnacui2api/api/version1/getDocCui?Ini=5KBJ-TWJ1-DXKP-JOSR&csi=8075&hl=t&hv=t&hnsd=f&hns=t&hgn=t&oc=00240&perma=true>

Nick Devereux

College: Arts & Sciences

Department: Physics & Astronomy

Research Areas: Astronomy; Theoretical computer science and applied mathematics.



2016 Scholarly Activity:

Devereux, N. (2016). Giant broad line regions in dwarf seyferts. Paper presented at the 227th meeting of the American Astronomical Society, Kissimmee, FL. Retrieved from http://files.aas.org/aas227/AAS_227_Abstract_PDF.pdf

Devereux, N. (2016). Photoionization modeling of the low-luminosity seyfert 1 nucleus in NGC 3516. The Astrophysical Journal, 822(2), 69. Retrieved from: <https://doi.org/10.3847/0004-637X/822/2/69>

Devereux, N. (2016). Walking on Mars. Talk presented at TEDx Embry Riddle Prescott, Prescott, AZ. Retrieved from <https://www.youtube.com/watch?v=zruVHZCAf24>

Hillary Eaton

College: Arts & Sciences

Department: Biology & Chemistry

Research Areas: Microbiology; Bioremediation; Toxicology.



2016 Scholarly Activity:

Eaton, H. (2016). Get a clue. Lift, 12(1), 10–11.

Eaton, H. (2016). Learn how to be a forensic scientist using evidence gathered from a crime scene. Workshop presented at the Tech Savvy by American Association of University Women, Prescott, AZ.



Cindy Greenman

College: Arts & Sciences

Department: Business

Research Areas: Accounting ethics.

2016 Scholarly Activity:

Greenman, C. , & Mackey, L. (2016). The comeback of the Combi-carrier. In 2016 IABC & 2016 IEC Proceedings (p. (155) 1-15). New Orleans, LA, USA: Clute Institute. Retrieved from <http://www.cluteinstitute.com/conference-proceedings/NO16Proceedings.pdf>

Greenman, C., & Carreras, R. A. (2016). The economic impacts of aviation on the South East Asian region. *Journal of the American Academy of Business, Cambridge*, 21(2), 1–13.

Greenman, C., & Carreras, R. A. (2016). Singapore's dominance in the aviation industry in South East Asia. In 2016 IABC, 2016 IEC & 2016 ISEC Proceedings (p. (356) 1-9). Venice, Italy: Clute Institute. Retrieved from <http://www.cluteinstitute.com/conference-proceedings/VI16Proceedings.pdf>

Jon Haass

College: Security & Intelligence

Department: Cyber Intelligence & Security, Department Chair

Research Areas: Cyber security; Securing the Internet of Things.



2016 Scholarly Activity:

Haass, J. (2016). Aviation cybersecurity: Touchdown to takeoff. Keynote Address presented at the Aircraft Builders Council 2016 Annual Conference, Naples, FL. Retrieved from <http://www.aircraftbuilders.com/Past%5FConferences/2016%5FFall%5FConference%5FPresentations/>

Haass, J., Sampigethaya, K., & Capezzuto, V. (2016). Aviation and cybersecurity: Opportunities for applied research. TR News, 304, 39–43.

Haass, J. (2016). Taming monster data. Talk presented at TEDx Embry-Riddle Prescott, Prescott, AZ. Retrieved from <https://www.youtube.com/watch?v=UHfT62nS1xU>

James Helbling

College: Engineering

Department: Mechanical Engineering, Department Chair

Research Areas: Structural fatigue life prediction.



2016 Scholarly Activity:

Helbling, J., & Beck, A. (2016). Inception and evolution of a capstone design symposium. In Proceedings of the American Society for Engineering Education. Pomona, CA: American Society for Engineering Education.



Timothy Holt

College: Aviation

Department: Applied Aviation Sciences

Research Areas: Aviation safety; Accident investigation; Airport management; Anti-terrorism/Security management; Aviation/Flight training & education; Aviation human factors (fatigue, communication, etc.); Military, Operations management; Strategic management.

2016 Scholarly Activity:

Holt, T. B., Moallemi, M., Weiland, L., Earnhardt, M., & McMullen, S. (2016). Aircraft cyber security and information exchange safety analysis for Department of Commerce. Embry-Riddle Aeronautical University. Retrieved from <http://commons.erau.edu/cgi/viewcontent.cgi?article=1364&context=publication>

Holt, T. B., Schindler, C., & Luedtke, J. (2016). Analysis of hypoxia survivors and general aviation reporting statistics: Ignite grant proposal. ERAU Undergraduate Research Initiative. Student Mentoring Proposal.

Holt, T., Schindler, C., Diels, E., & Luedtke, J. (2016). Building student success and retention through an enhanced peer counseling program. Paper presented at the ERAU Undergraduate Research Symposium: Science Speaker Series, Prescott, AZ.

Holt, T. B., Fink, M., Bowen, B., & Bowen, E. E. (2016). Conference communique and results of the Aviation/Aeronautics/Aerospace International Conference (A³iR Con). Chandler, AZ: Embry-Riddle Aeronautical University.

Holt, T. B. (2016). From customer service to self-service: The decline of passenger satisfaction. Presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Holt, T., Bowen, B. D., Vasigh, B., Ison, D., Burgess, S., & Fink, M. (2016). Institute for Global Air Transport Analytics (IGATA): An ERAU Center of Research Excellence. Prescott, AZ: ERAU Accelerate Research Initiative.

Holt, T. B. (2016). Leadership/Innovation/Aerospace Technology/Applications. Panel conducted at the Aviation/Aeronautics/Aerospace International Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Timothy Holt (cont.)

Holt, T. B., & Pittenger, L. (2016). Leadership research. Co-chairs at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Holt, T. B., Luedtke, J., Bowen, B., Fink, M., & Watson, H. (2016). Leveraging the dissemination of scholarly works. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.

Holt, T. B., Luedtke, J., McIntire, S., Merkt, J., & Brown, J. (2016). Maximizing student success: Mastering aviation English. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.

Holt, T., Merkt, J., Diels, E., Luedtke, J., & Schindler, C. (2016). Peer counseling for student success in university flight education: A case example. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.

Holt, T. B. (2016). The problem with postsecondary aviation safety training, as voiced by aviation industry professionals. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.



Dorothea Ivanova

College: Aviation

Department: Applied Aviation Sciences

Research Areas: Cloud physics; Climate variability studies; Atmospheric modeling; Global and regional climate models.

2016 Scholarly Activity:

Ivanova, D. (2016). Make every water drop count: ERAU Weather Club environmental stewardship and water conservation educational campaign to protect Arizona's waters (Progress report on \$5,000 funded grant). Procter & Gamble.

Ivanova, D., & Halverson, J. (2016). Mesoscale modeling of Hurricane Norbert moisture surge and Arizona flooding. Poster and abstract presented at the Discovery Day, Prescott, AZ.

Ivanova, D., & Halverson, J. (2016). A tale of a flash flood: Hurricane Norbert record rainfall and flooding in Arizona. Presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Ivanova, D. (2016). Use of data and visualization in the space weather classroom. Poster presented at the 2nd Annual Earth Education Rendezvous, Madison, WI. Retrieved from http://serc.carleton.edu/earth_rendezvous/2016/program/posters/thursday/136386.html

Ivanova, D., Mitchell, J., Rooney, H., & Diels, E. A. (2016). Utilization of the aviation peer counseling program at Embry-Riddle Aeronautical University, Prescott, Arizona. Poster presented at the Sixtieth Annual Meeting of the Arizona-Nevada Academy of Science, Las Vegas, NV. Retrieved from <http://hdl.handle.net/10150/607398>

Ivanova, D., Walson, S. A., Lamunyon, A. J., Lin, C.-A., & Diels, E. A. (2016). Utilization characteristics of the airway science tutor lab by students at Embry-Riddle Aeronautical University, Prescott, AZ. Poster presented at the Sixtieth Annual Meeting of the Arizona-Nevada Academy of Science, Las Vegas, NV. Retrieved from <http://hdl.handle.net/10150/607398>

Ivanova, D., & White, J. (2016). WRF modeling of Hurricane Norbert record rainfall with monsoon flooding in Arizona. Paper presented at the NASA Space Grant Symposium, Tucson, AZ.

Curtis N. James

College: Aviation

Department: Applied Aviation Sciences, Department Chair

Research Areas: Mesoscale; Radar; Mountain meteorology.



2016 Scholarly Activity:

James, C. N., & Weber, J. (2016). Cloud computing in atmospheric science education. Presented at the 25th Symposium on Education, New Orleans, LA, USA: American Meteorological Society.

James, C. N., & Weber, J. (2016). Cloud computing in education. In T. C. Vance, N. Merati, C. Yang, & M. Yuan (Eds.), Cloud computing in ocean and atmospheric sciences (pp. 107–119). Academic Press.

James, C. N., & Weber, J. (2016). Cloud computing in atmospheric science education. Presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

James, C. N., & Moreno, C. H. (2016). Observational study of convective events delaying flight operations at the Atlanta Hartsfield Airport. Paper presented at the NASA Space Grant Symposium.

James, Curtis N. (2016). The physics of thunderstorms. Guest lecture presented at the Brigham Young University Physics Department, Provo, UT.

Geoffrey Jensen

College: Security & Intelligence

Department: Intelligence Studies and Global Affairs

Research Areas: War and society; Race and the military; Race and politics; Cold war history; American foreign policy; Chinese history; History of the American war in Vietnam; and Southern American history.



2016 Scholarly Activity:

Jensen, G. W. (Ed.). (2016). The Routledge handbook of the history of race in the American military. New York: Routledge Press.



Kacie M. Lawler

Department: Air Force ROTC

Research Areas: Air Force strategy.

2016 Scholarly Activity:

Lawler, K. M., Glines-Barney, M., Bowen II, R., Gilliam, B., Myl, J., Oliver, M., ... Watson, D. (22). Restructuring the Air Force officer career progression system (Squadron Officer School: Think Tank). Squadron Officer College. Retrieved from http://www.au.af.mil/au/soc/think_tank/meeting_30yr_grp2_final.pdf



Jacqueline Luedtke

College: Aviation

Department: Applied Aviation Sciences

Research Areas: Aviation safety; Aviation management; Effects of marketing in aviation; Service quality in aviation; Women's contributions to aviation; Retention issues; Pedagogical issues in higher education.

2016 Scholarly Activity:

Luedtke, J., Kuhn, M., & Bowen, B. (2016). The airline quality rating 2016: Results and impact factor. Paper presented at the ERAU Undergraduate Research Symposium: Science Speaker Series, Prescott, AZ.

Luedtke, J., Schindler, C., & Holt, T. B. (2016). Analysis of hypoxia survivors and general aviation reporting statistics: Ignite grant proposal. ERAU Undergraduate Research Initiative. Student Mentoring Proposal.

Luedtke, J., & Mourkus, A. (2016). Anti-ice: Thermally heated or hydrophobic materials? Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Luedtke, J., Schindler, C., Diels, E., & Holt, T. (2016). Building student success and retention through an enhanced peer counseling program. Paper presented at the ERAU Undergraduate Research Symposium: Science Speaker Series, Prescott, AZ.

Jacqueline Luedtke (continued)

- Luedtke, J., Willard, C., Bennett, M., Bowen, E. E., & Bowen, B. (2016). A concept model for assessing frequent flyer survey data. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., Bowen, B., Bennett, M., Willard, C., & Kuhn, M. (2016). Creating a multi-factor index to measure operational efficiency within the U.S. airline industry: A case study example. Presented at the 19th Annual American Association of Behavioral and Social Sciences Conference, Las Vegas, NV.
- Luedtke, J., Bennett, M., Willard, C., & Bowen, B. (2016). Creating a multi-factor index to model performance in the U.S. airline industry. Poster and abstract presented at Discovery Day, Prescott, AZ.
- Luedtke, J., Bennett, M., Willard, C., Kuhn, M., & Bowen, B. (2016). Creating a multi-factor index to model within the U.S. airline industry. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., Bennett, M., Kuhn, M., & Watson, H. (2016). Customizing the airline passenger experience through data gathered by the Airline Quality Rating. Poster presented at the Sixtieth Annual Meeting of the Arizona-Nevada Academy of Science, Las Vegas, NV. Retrieved from <http://arizona.openrepository.com/arizona/handle/10150/607398>
- Luedtke, J. (2016). Diversity & its impact on an industry-wide employment shortage. Panelist at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., & Clifton, T. (2016). The effects of pilot shortage on the industry. Undergraduate Poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., Little, A., Cook, B., Hughes, H., & Perry, J. (2016). Enhancing human performance and training in air traffic control simulation through pedagogical digital learning tools. Paper presented at the ERAU Undergraduate Research Symposium Science Speaker Series, Prescott, AZ.
- Luedtke, J., Kuhn, M., Bowen, B., & Merkt, J. (2016). Pedagogical case study: Research capstone course experiences. Poster and abstract presented at Discovery Day, Prescott, AZ.

Jacqueline Luedtke (continued)

- Luedtke, J., & Feenstra, L. (2016). Flight training benefits for veterans, past, present and future: An examination of the government's involvement with the development and revision of GI Bill flight training. Undergraduate poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., & Ocasio, C. (2016). History of women: Women's contribution to aviation. Paper presented at Girls in Aviation Symposium; History of Aviation. School of Aeronautics, Inter American University of Puerto Rico.
- Luedtke, J., Bowen, B. D., Holt, T., Vasigh, B., Ison, D., Burgess, S., & Fink, M. (2016). Institute for Global Air Transport Analytics (IGATA): An ERAU Center of Research Excellence. Prescott, AZ: ERAU Accelerate Research Initiative.
- Luedtke, J., Bowen, B., Holt, T. B., Fink, M., & Watson, H. (2016). Leveraging the dissemination of scholarly works. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.
- Luedtke, J., Holt, T. B., McIntire, S., Merkt, J., & Brown, J. (2016). Maximizing student success: Mastering aviation English. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.
- Luedtke, J., & Mourkus, A. (2016). NextGen anti-ice. Powerpoint and poster presented at Discovery Day, Prescott, AZ.
- Luedtke, J., Groh, D., Merkt, J., Bowen, B., & Kuhn, M. (2016). Pedagogical case study: Research capstone course experiences. Presented at the 28th Annual Ethnographic & Qualitative Research Conference, Las Vegas, NV.
- Luedtke, J., Merkt, J., Diels, E., Holt, T., & Schindler, C. (2016). Peer counseling for student success in university flight education: A case example. In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.
- Luedtke, J. (2016). Research roundtable/discussion. Chaired roundtable at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>
- Luedtke, J., & Perry, J. (2016). Using digital learning tools in the air traffic control classroom: Is Swivl a practical and helpful tool when coupled in a hands-on air traffic control learning environment? In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.
- Moore, S. B. (2016). Women with Wings: Women Pilots of World War II. ABDO.
- Luedtke was a consultant for this book.

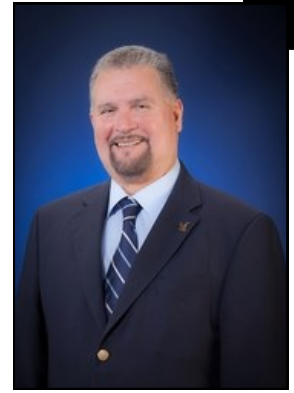
Juan Merkt

College: Aviation

Department: Aeronautical Science; Department Chair

Research Areas: Energy management training; Human factors; Aviation safety;

Aviation education and accreditation.



2016 Scholarly Activity:

Merkt, J. (2016). Energy safety management (ESM): A preventive training solution to loss of control in flight. (Proposal EAA Founder's Innovation Prize). Oshkosh, WI: Experimental Aircraft Association.

Merkt, J., Groh, D., Luedtke, J., Bowen, B., & Kuhn, M. (2016). Pedagogical case study research capstone course experiences. Presented at the 28th Annual Ethnographic & Qualitative Research Conference, Las Vegas, NV.

Merkt, J., Luedtke, J., Kuhn, M., & Bowen, B. (2016). Pedagogical case study research capstone course experiences. Poster and abstract presented at Discovery Day, Prescott, AZ.

Merkt, J. (2016). Sir Frank Whittle (Nomination). Dayton, OH: National Aviation Hall of Fame. Sir Frank Whittle was selected for inclusion into the NAHF Class of 2017.



Kaela Martin

College: Engineering

Department: Aerospace/Mechanical Engineering

Research Areas: Satellite dynamics; Engineering education.

2016 Scholarly Activity:

Martin, K. M., Benavides, J. C., & Yale, G. E. (2016). Examples of systems engineering in an undergraduate astronautics program. Presented at the AIAA SPACE 2016, Long Beach, CA. USA: AIAA SPACE Forum. Retrieved from <http://dx.doi.org/10.2514/6.2016-5559>

Martin, K., & Battaglia, D. (2016). Have a seat! Understanding the effects of classroom setting on rapport. In Evidence-Based Teaching and Learning. Newport Beach, CA, USA: International Teaching Learning Cooperative, LLC. Retrieved from http://media.wix.com/ugd/7516e7_ac4dfb7fa1174002b067f48445238297.pdf

Martin, K. M., Landau, D. F., & Longuski, J. M. (2016). Method to maintain artificial gravity during transfer maneuvers for tethered spacecraft. Acta Astronautica, 120, 138–153. Retrieved from <http://dx.doi.org/10.1016/j.actaastro.2015.11.030>

Martin, K., & Miskioglu, E. (2016). Reasonable or ridiculous? Engineering intuition in simulations. Presented at the 2016 ASEE Annual Conference & Exposition, New Orleans, LA, USA. Retrieved from <https://doi.org/10.18260/p.26044>

Sarah Nilsson

College: Aviation

Department: Aeronautical Science

Research Areas: Aviation; Space; Unmanned aerial systems law.



2016 Scholarly Activity:

Nilsson, S. (2016). 2015 commercial space industry snapshot as seen through the eyes of the ISPCS. Presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Nilsson, S. (2016). A³iR Con in Chandler. [Television broadcast]. Morning Show. Phoenix, AZ: FOX.

Nilsson, S., & Stuckenberg, D. (2016). Don't forget that drones started as military weapons. Tampa Bay Times. Tampa, FL. Retrieved from <http://www.tampabay.com/opinion/columns/column-dont-forget-that-drones-started-as-military-weapons/2298119>

Nilsson, S. (2016). Extreme aerial productions: Drone hobby takes flight into business Interview by G. Yara. Arizona Republic [Newspaper]. Retrieved from <http://www.azcentral.com/storey/money/business/abg/2016/06/28/extreme-aerial-productions-drone-hobby-takes-flight-into-business/84856252>

Nilsson, S. (2016). Federal, state and local drone laws, property rights & privacy. Schaefer, E. (Producer). DroneLawPro. Podcast retrieved from <https://www.youtube.com/watch?v=OnbhWLPetW8>

Nilsson, S. (2016). Federal preemption on UAS laws: Necessity or intrusion? Panelist at the Arizona UAS Summit and Expo, Scottsdale, AZ.

Nilsson, S. (2016). New drone rules mean new jobs. Interview by S. Orr. Daily Courier [Newspaper]. Retrieved from <http://www.dcourier.com/news/2016/jun/26/new-drone-rules-mean-new-jobs/>

Nilsson, S. (2016). UAS courses take flight in Prescott. Interview by M. Tissot. Embry-Riddle Aeronautical University: Prescott, Arizona. [Website]. Retrieved from <http://prescott.erau.edu/features/faa-memo-clarifying-uas-education>

Nilsson, S. (2016). UAS: FAA memo to law enforcement agencies and AZ state UAS law. Presented at the ALELAA Chandler Police Legal Advisor Unit, Chandler, AZ.

Sarah Nilsson (continued)

Nilsson, S., Hrnicek, M., Buskirk, T., Copeland, E., & Groban, J. (2016). UAS law CLE. Phoenix, AZ: Arizona Office of the Attorney General.

Nilsson, S. (2016). UAS: Regulations in the NAS. FAASafety Seminar presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Nilsson, S. (2016). UAS: Regulations in the NAS. Presented at the FAASafety Seminar, Deer Valley, AZ.

Nilsson, S., & Copeland, E. (2016). UAS: Regulations in the NAS. Presented at the FAASafety Seminar, Prescott, AZ.

Nilsson, S. (2016). UAV law and risk management. Panelist at the Commercial UAV Expo, Las Vegas, NV.

Nilsson, S. (2016). Updates to UAS law in AZ: How to protect yourself legally. Presented at the FAASafety Seminar, Falcon Field Copperstate Fly-in, AZ.

Nilsson, S. (2016). What a great time to be alive: A look at the commercial space and unmanned aircraft Industries. Keynote speech presented at the Aviation Explorers Fundraising Dinner, Phoenix, AZ.

Nilsson, S. (2016). What the U.S. can learn from international UAS law. Presented at the 2016 UAS Summit and Expo, Grand Forks, ND.

Nika Nordbrock

College: Arts & Science

Department: Humanities & Communication

Research Areas: Cowboy poetry; Composition; Diversity.



2016 Scholarly Activity:

Nordbrock, A. C. (2016). 29th Arizona Cowboy Poets Gathering. Cowboy Poetry and Western Life.

Nordbrock, A. C. (2016). 29th Arizona cowboy poets gathering. Rope Burns Magazine.

Nordbrock, A. C. (2016). 30th trappings of the American west and ridin' the rim gathering report. Cowboy Poetry and Western Life.

Nordbrock, A. C. (2016). 30th trappings of the American west. Rope Burns Magazine.

Nordbrock, A. C. (2016). The lingo of our calling: Cowboy vocabulary. Presentation at the American Dialectology Association Session, RMMLA, Salt Lake City, UT.

Nordbrock, A. C. (2016). Photos from the 29th Arizona cowboy poets gathering. Cowboy Poetry and Western Life.

Nordbrock, A. C. (2016). Photos from the 29th Arizona cowboy poets gathering. Rope Burns Magazine.

Nordbrock, A. C. (2016). Presentation at the Riding the Rim Cowboy Poetry Gathering, Flagstaff, AZ.

Nordbrock, A. C. (2016). Presenter and Session Host at the 29th Arizona Cowboy Poets Gathering, Prescott, AZ.

Nordbrock, A. C. (2016). Words that whisper through the grass: The origins of cowboy poetry. Presented at the 47th College English Association Conference, Denver, CO.



Jennah Perry

College: Aviation

Department: Applied Aviation Sciences

Research Areas: : Flight simulation training; Education/Pedagogical studies; and Human factors.

2016 Scholarly Activity:

Perry, J. C. (2016). Air traffic management and FAA hiring information session. Presented at the Rotary Club of Prescott-Sunup, Prescott, AZ.

Perry, J. C. (2016). Air traffic management informational session with students and parents. Presented at the ERAU Open House, Prescott, AZ.

Perry, J. C. (2016). Air traffic management program update. Presented at the ERAU New Student Orientation, Prescott, AZ.

Perry, J. C., Little, A., Cook, B., & Luedtke, J. (2016). Enhancing human performance and training in air traffic control simulation through digital learning tools. Paper presented at the ERAU Undergraduate Research Symposium Science Speaker Series, Prescott, AZ.

Perry, J. C., & Gallimore, J. (2016). Factors affecting the effectiveness of simulation on flight training. Undergraduate Poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Perry, J. C., Navarrete, E. ., & Gallimore, J. (2016). A qualitative analysis of the current air traffic control safety climate. Undergraduate Poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Perry, J. C., & Luedtke, J. (2016). Using digital learning tools in the air traffic control classroom: Is Swivl a practical and helpful tool when coupled in a hands-on air traffic control learning environment? In Investing in the Business of Aviation. Omaha, NE: University Aviation Association.

Perry, J. C., & Gallimore, J. (2016). We have the technology: Creating effective pilots by coupling simulation with ground school. Undergraduate Poster presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

John E. Post

College: Engineering

Department: Computer, Electrical, & Software Engineering, Department Chair

Research Areas: Design and optimization of planar microwave circuits and devices; Engineering education.



2016 Scholarly Activity:

Post, J. E. (2016). K-12 & pre-college engineering division: Use of technology and tools for K-12 engineering education. Paper presented at the 2016 ASEE Annual Conference & Exposition, New Orleans, LA.

Timothy A. Sestak

College: Aviation

Department: Aeronautical Science

Research Areas: Wingsuits.



2016 Scholarly Activity:

Sestak, T. Salisbury, B., Borland, G., Cowley, B., Lathbury, J., Gomez, J., Reed, C., & Vis, M. D. (2016). Team Eagle wingsuit research results. Undergraduate Research Symposium at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>

Sestak, T. A. (2016). Wingsuit materials research: The effect of currently used materials on wingsuit aerodynamics. Paper presented at the Aviation/Aeronautics/Aerospace International Research Conference (A³iR Con), Chandler, AZ. Retrieved from <http://commons.erau.edu/aircon/2016/>



Sam Siewert

College: Engineering

Department: Computer, Electrical, & Software Engineering

Research Areas: Software-defined computational photometry.

2016 Scholarly Activity:

Siewert, S. (2016). Exploring Internet of Things processing on Curie with Quark. Intel Corporation.

Siewert, S., Battaglia, D., Sampigethaya, K., Almagambetov, A., Andalibi, M., Groh, T., Martin, K., ... Boettcher, A. (2016). Integrating research into undergraduate courses: Experiences from a multi-disciplinary faculty learning community. In 2016 Rocky Mountain Section Conference (pp. 212–227). Cedar City, UT: American Society for Engineering Education. Retrieved from <https://drive.google.com/file/d/0B2QBGmEr1H08Q21xdWlxWDFrQ2c/view>

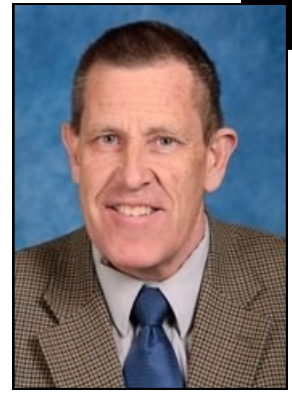
Siewert, S., Angoth, V., Krishnamurthy, R., Mani, K., Mock, K., Singh, S. B., ... Vis, M. D. (2016). Software defined multi-spectral imaging for Arctic sensor networks. In M. Velez-Reyes & D. W. Messinger (Eds.), Proc. SPIE 9840, Algorithms and Technologies for Multispectral, Hyperspectral, and Ultraspectral Imagery XXII, 98401V (p. 98401V). Retrieved from <https://doi.org/10.1117/12.2222966>

Mark R. Sinclair

College: Aviation

Department: Applied Aviation Sciences

Research Areas: Synoptic and dynamic meteorology.



2016 Scholarly Activity:

Sinclair, M., Diels, E., & Wetzel, M. (2016). Accuracy of C-17S NAV III temperature and wind measurements and their potential for general aviation (GA) automated meteorological advisories. Paper presented at the Intermountain West Aviation Weather Safety Workshop, Salt Lake City, UT. Retrieved from http://www.weather.gov/riw/iwaws_schedule

Sinclair, M., & King, K. (2016). Low frequency variability of California precipitation. Paper presented at the NASA Space Grant Symposium, Tucson, AZ.

Sinclair, M. (2016). MADS: Meteorological analysis and diagnosis software. Data and graphics software for meteorology at Embry-Riddle Aeronautical University, Prescott, Arizona. Prescott, AZ: Embry-Riddle Aeronautical University.

Sinclair, M. (2016). The palette of Prescott weather. Invited talk presented at the Taken by Storm (Art Exhibit), Phippen Art Museum, Prescott, AZ.

Sinclair, M. (2016). Wordsworth, weather, and wildflowers. Invited talk presented at the Northern District of Arizona Federation of Garden Clubs, Prescott, AZ.



Lance Traub

College: Engineering

Department: Aerospace Engineering

Research Areas: Applied and theoretical aerodynamics.

2016 Scholarly Activity:

Traub, L. (2016). Calculation of constant power lithium battery discharge curves. *Batteries*, 2(2), 17. Retrieved from <https://doi.org/10.3390/batteries2020017>

Traub, L. W. (2016). Camber effects on minimum power and thrust relations for propeller aircraft. *Journal of Aircraft*, 53(1), 299–304. 2016 Scholarly Activity:

Traub, L. (2016). Calculation of constant power lithium battery discharge curves. *Batteries*, 2(2), 17. Retrieved from <https://doi.org/10.3390/batteries2020017>

Traub, L. W. (2016). Camber effects on minimum power and thrust relations for propeller aircraft. *Journal of Aircraft*, 53(1), 299–304. Retrieved from <https://doi.org/10.2514/1.C033491>

Traub, L. W. (2016). Effect of a pusher propeller on a delta wing. *Aerospace Science and Technology*, 48, 115–121. Retrieved from <https://doi.org/10.1016/j.ast.2015.11.010>

Traub, L. W., & Chandrashekar, S. M. (2016). Experimental study on the effects of wing sweep on Gurney flap performance. *Aerospace Science and Technology*, 55, 57–63. Retrieved from <https://doi.org/10.1016/j.ast.2016.05.015>

Traub, L. W. (2016). Inverse propeller design for a prescribed chord or blade angle. *Journal of Aircraft*, 1–6. Retrieved from <https://doi.org/10.2514/1.C034023>

Traub, L. W. (2016). Optimal battery weight fraction for maximum aircraft range and endurance. *Journal of Aircraft*, 53(4), 1177–1179. Retrieved from <https://doi.org/10.2514/1.C033416>

Traub, L. (2016). Semi-empirical prediction of airfoil hysteresis. *Aerospace*, 3(2), 9. Retrieved from <https://doi.org/10.3390/aerospace3020009>

Traub, L. W. (2016). Simplified propeller analysis and design including effects of stall. *The Aeronautical Journal*, 120(1227), 796–818. Retrieved from <https://doi.org/10.1017/aer.2016.31>

Lance Traub (continued)

Traub, L. W. (2016). Effect of a pusher propeller on a delta wing. *Aerospace Science and Technology*, 48, 115–121. Retrieved from <https://doi.org/10.1016/j.ast.2015.11.010>

Traub, L. W., & Chandrashekar, S. M. (2016). Experimental study on the effects of wing sweep on Gurney flap performance. *Aerospace Science and Technology*, 55, 57–63. Retrieved from <https://doi.org/10.1016/j.ast.2016.05.015>

Traub, L. W. (2016). Inverse propeller design for a prescribed chord or blade angle. *Journal of Aircraft*, 1–6. Retrieved from <https://doi.org/10.2514/1.C034023>

Traub, L. W. (2016). Optimal battery weight fraction for maximum aircraft range and endurance. *Journal of Aircraft*, 53(4), 1177–1179. Retrieved from <https://doi.org/10.2514/1.C033416>

Traub, L. (2016). Semi-empirical prediction of airfoil hysteresis. *Aerospace*, 3(2), 9. Retrieved from <https://doi.org/10.3390/aerospace3020009>

Traub, L. W. (2016). Simplified propeller analysis and design including effects of stall. *The Aeronautical Journal*, 120(1227), 796–818. Retrieved from <https://doi.org/10.1017/aer.2016.31>



Jules O. Yimga

College: Arts & Science

Department: Business

Research Areas: Industrial Organization (IO); Applied econometrics; Development economics; Air transportation.

2016 Scholarly Activity:

Yimga, J. O., & Gayle, P. (2016). How much do consumers really value air travel on-time performance, and to what extent are airlines motivated to improve their on-time performance? Paper presented at the 53rd Annual Meeting of the Missouri Valley Economic Association, Saint Louis, MO.

Yimga, J. (2016). The impact of high microfinance growth on loan portfolio: Microfinance growth and loan portfolio. *Journal of International Development*, 28(5), 697–714. Retrieved from <https://doi.org/10.1002/jid.3144>

Yimga, J. O., & Gayle, P. (2016). Modelling the impact of airline product quality on passengers' and airlines' behavior. Paper presented at the 80th Annual Meeting of the Midwest Economics Association, Evanston, IL.

Johnny Young

College: Aviation

Department: Aeronautical Science

Research Areas: UAS integration into the NAS; Industrial application with UAS.



2016 Scholarly Activity:

Young, J. L. (2016). Universities role in training the next generation of UAS pilots. Presented at the Arizona UAS Summit and Expo, Scottsdale, AZ.

* NOTES * NOTES * NOTES * NOTES * NOTES * NOTES * NOTES * NOTES * NOTES * NOTES *

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Dr. Frank Ayers
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