

RIAN M. MEHTA, Ph.D.

rianmehta91@gmail.com

1040 Venetian Drive, Unit 204, West Melbourne, FL 32904

+1 (321) 914 2518

www.rianmehta.com

Education & Certifications – Florida Institute of Technology, Melbourne, FL

Ph.D., Aviation Sciences	2017
Master of Science in Aviation, Applied Aviation Safety	2015
Bachelor of Science, Aviation Management with Flight, Summa Cum Laude	2013
FAA Commercial Multi/Single Pilot's certification with instrument rating	260 Hrs.
FAA Certified Small Unmanned Aerial System Remote Pilot (Part 107)	2018

Skills

Computer skills: Microsoft Office, INM, JMP 11.0, IBM SPSS

Languages: English & Hindi

Teaching Work Experience

Assistant Professor, Tenure Track

Florida Institute of Technology, College of Aeronautics

Aug 2018 - Present
Melbourne, FL

Classes taught:

AVM 1000 – Introduction to Aviation	AHF 5101 – Human Factors in Man Machine Systems
AHF 1101 – Introduction to Aviation Psychology	AVT 5000 – Airspace Safety
AVT 2303 – Aviation Career Planning	AVS 5206 – Aviation Security (Graduate)
AHF 3101 – Introduction to Human Factors	AHF5990 – Directed Research
AVT 4002 – Aviation Research	AHF 5991 – Sensation and Perception
AVS 4304 – Aviation Security	

Instructor (Full Time Faculty)

Florida Institute of Technology, College of Aeronautics

Aug 2017 - July 2018
Melbourne, FL

Graduate Student Teaching Assistant

Florida Institute of Technology, College of Aeronautics

May 2015 - July 2017
Melbourne, FL

Other Work Experience

Aviation Human Factors Specialist

Florida Institute of Technology and Jeppesen, A Boeing Company

May 2014 - May 2015
Melbourne, FL

- Research areas have been focused on human factors, safety, cockpit design, and consumer perceptions
- Funded research grant for design of future flight decks

Terminal & Airfield Operations and Legal Department Intern

Miami International Airport

May 2013 - Aug 2013
Miami, FL

- Responsible for the initial development of the Safety Management Systems (SMS) Plan for KMIA
- Aid in the launch of Social Media for Miami International Airport

Research Service

Reviewing Editorial Board Member

International Journal of Professional Aviation Training & Testing Research

Nov 2018 – Dec 2018

- Responsible for reviewing and editing research papers for the journal

Assistant Managing Editor

Aug 2015 - Present

International Journal of Aviation Sciences

- Responsible for the peer-review process, action letters, and publication of the journal
- Aid in the creation, setup, and organization of the peer-reviewed scholarly journal

Associate Editor

Journal of Technologies in Society

Jun 2015

- Responsible for reviewing and editing research papers for a special issue of the journal

University Service**Academic Program Assessment Committee (APAC) Member**

Jan 2020 – Present

- To define, review, and implement policies and procedures that help maintain an academic assessment process at Florida Tech.

Academic Standing Committee Administrator, College of Aeronautics

Nov 2019 – Present

- Reviewing and making determinations regarding re-admittances after academic dismissals.
- Evaluating and approving aviation management internship program (AMIP) applications.

Compliance and Assessment Coordinator, College of Aeronautics

Oct 2019 – Present

- Responsible for institutional compliance and assessment, including AABI self-study for re-accreditation

New Faculty Mentorship Program, College of Aeronautics

Aug 2019 – Present

- Responsible for mentoring new hire with systems and process of operations and assisting with overall orientation with the College of Aeronautics.

Academic Information Technology Committee (ACITC) Chairman

Apr 2019 – Apr 2020

- Responsible for running of the activities and responsibilities of the committee

Greek Alumni Advisory Board

Mar 2019 – Present

- Advise the Office of Greek Life on the next Fraternity and Sorority Life 5-year Strategic Plan

Faculty Senator

Jan 2019 – Present

- Represent COA faculty concerns and interests within the senate and to the administration
- Participate in institutional governance
- Advocate for faculty rights and well-being

University Graduate Faculty

Aug 2018 – Present

- Serving on master's theses and doctoral dissertations

Academic Information Technology Committee (ACITC) Mini grant Chair

Aug 2018 - May 2019

- Responsible for the overseeing the selection process and distribution of grant funds

Academic Information Technology Committee (ACITC) Member

Apr 2018 – Present

- Responsible for the adoption and integration of new technology in the classroom

Advising Training Committee, College of Aeronautics

Jan 2018 – Present

- Creation of a training guidebook for new faculty and to assist faculty in advising

Publications Committee, College of Aeronautics

Jan 2018 – Present

- Understand the resources needed to assist faculty in publishing scientific research and assist in increasing the volume of research publications of the college.

Alpha Eta Rho Risk Management Advisor	Nov 2017 – Present
○ Aid in development and implementation of risk management guidelines and procedures.	
Internships Chair, College of Aeronautics	Aug 2017 – Present
○ Collate all available internship opportunities and disseminate information to COA students	
○ Advise students in filing of applications	
○ Provide assistance in preparation for interviews	
University Disciplinary Committee	Aug 2017 – Present
○ Adjudicate on cases of violations to the university code of conduct and determine student sanctions	
Unmanned Aerial Systems Minor Chair, College of Aeronautics	Aug 2017 – Present
○ Manage the UAS program and advise students on classes to complete the requirements for the minor	
Delta Tau Delta Assistant Chapter Advisor	Jun 2015 – Present
○ Responsible for overseeing safety of chapter events and operations	
○ Aid in leadership development and goal setting educational seminars	
○ Oversee academic progress of members and aid in student improvement efforts	
<u>National Service</u>	
Reviewing panelist	Jan 2020
Department of Defense's SMART Scholarship	
○ Review applications of students to determine the best candidates for the scholarship	
Reviewing panelist	Jan 2019
Department of Defense's SMART Scholarship	
○ Review applications of students to determine the best candidates for the scholarship	
Division Vice President	Apr 2017 – Present
Delta Tau Delta Southern Division	
○ Oversee and ensure standards of operations of chapters in central and south Florida are being met	
<u>Graduate Student Committees:</u>	
Alexandra Coultrup – Master's committee member (Non-thesis)	2019
Mattie Milner – Doctoral external committee member (ERAU)	2019
Kenneth Ward – Doctoral external committee member (ERAU)	2019
Guangda Liang – Doctoral committee member	2018
<u>Memberships</u>	
University Aviation Association Representative	2019
Delta Tau Delta Education Foundation Heritage Society	2017
Delta Tau Delta Education Foundation Lifetime Giving Society	2016
Human Factors and Ergonomics Society	2014
Order of Omega	2012
Phi Kappa Phi	2012
Delta Mu Delta	2012
American Association of Airport Executives	2011
Aircraft Owners and Pilots Association	2011
Phi Eta Sigma	2010

Honors & Awards

Most Valuable Panther – Employee of the Month University Wide (April)	2020
Faculty of the Year Fall 2018 – Spring 2019 (ISSS)	2019
National Gold Philanthropy Award	2019, 2016
National Silver Philanthropy Award	2018, 2017, 2014
Forbes 30 Under 30: Science Finalist (Non-Winner)	2017
James S. Eaton Award – Outstanding Recent Graduate	2016
Alumnus of the Year - Delta Tau Delta	2016
Second place award for Faculty and Graduate Research at AIRCON 2016, Phoenix, AZ	2016
Third place award for Faculty and Graduate Research at AIRCON 2016, Phoenix, AZ	2016
Excellence in Graduate Presentation Award at the HFAP 2015, Daytona Beach, FL	2015
First place award for Faculty and Graduate Research at AIRCON 2015, Phoenix, AZ	2015
Brother of the Year Award - Delta Tau Delta	2014
Outstanding Graduate Student – College of Aeronautics	2014
Distinguished Student Scholar Award	2013, 2012
Kershner Scholar Lifetime Achievement Award	2013
Outstanding Senior – College of Aeronautics	2013
University Wide Outstanding Junior of the Year Award	2012
Outstanding Junior – College of Aeronautics	2012
Interfraternal Award	2012
Scholarships: Chris Gidding Scholarship, Patrick W. Halloran Scholarship	2012

Media Attention

12. Interviewed for an article in Forbes: “While COVID-19 Batters the Airlines, Driverless Car Technology Marches On” by Stephen Rice (May, 2020).
<https://www.forbes.com/sites/stephenrice1/2020/05/04/while-covid-19-batters-the-airlines-driverless-car-technology-marches-on/#3d280cb619e9>
11. Interviewed for an article on Vox.com: “Plane ticket prices are dropping because of the coronavirus” by Terry Nguyen (March, 2020).
<https://www.vox.com/the-goods/2020/3/10/21172001/coronavirus-cheap-plane-ticket-prices>
10. Interviewed for an article in Forbes: “What Can Healthcare (And Other Fields) Learn From Aviation Safety?” by Stephen Rice (February, 2020).
<https://www.forbes.com/sites/stephenrice1/2020/02/07/what-can-healthcare-and-other-fields-learn-from-aviation-safety/#54ef636651ce>
9. Referenced in an article based on Research related to the Boeing 737 Max: “Boeing share price: Will Warren Buffett bid?” by OPTO (January, 2020).
<https://www.cmcmarkets.com/en-gb/opto/boeing-share-price-will-warren-buffett-bid>
8. Research was the focus of an article in Forbes: “Public Opinion On Boeing Has Stayed Remarkably Stable Throughout The 737 MAX Crisis.” by Stephen Rice (January, 2020).
<https://www.forbes.com/sites/stephenrice1/2020/01/10/public-opinion-on-boeing-has-stayed-remarkably-stable-throughout-the-737-max-crisis/#4265bae8165a>

7. Research was the focus of an article in Forbes: “Are Americans Warming Up To A Return Of The Boeing 737 MAX?” by Stephen Rice (September, 2019).
<https://www-forbes-com.cdn.ampproject.org/c/s/www.forbes.com/sites/stephenrice1/2019/09/17/are-americans-warming-up-to-a-return-of-the-boeing-737-max/amp/>
6. Research was the focus of an article in Forbes: “The Public Is Taking A Wait And See Attitude On The 737 MAX.” by Stephen Rice (March, 2019).
<https://www.forbes.com/sites/stephenrice1/2019/03/16/the-public-is-taking-a-wait-and-see-attitude-on-the-737-max/#2c2ed5176bb4>
5. Research was the focus of an article in PsyPost: “New research indicates airline passengers are not ready for autonomous cockpits” by Eric W. Dolan (June, 2018).
https://www.psypost.org/2018/06/new-research-indicates-airline-passengers-not-ready-autonomous-cockpits-51433?fbclid=IwAR0F0MNHP1kdF_oMdnRaEl9JoYNtsjRurhbdUS3_43My8-jBL88f0nZ_kyc
4. Research was the focus of an article in Health Medicine Network “Study participants—especially women—less willing to ride in driverless ambulances” (March, 2017).
<http://healthmedicinet.com/i/study-participants-especially-women-less-willing-to-ride-in-driverless-ambulances/>
3. Research was the focus of an article in FIT Newsroom “New Study Shows Skepticism About Driverless Ambulances” (March, 2017). <https://newsroom.fit.edu/2017/03/07/autonomous-ambulances/>
2. Research was the focus of an article in Medical Xpress: “Study participants—especially women—less willing to ride in driverless ambulances” (March, 2017).
<https://medicalxpress.com/news/2017-03-participants-especially-women-less-driverless-ambulances.html>
1. Research was the focus of an article in JEMS: “New Study Shows Skepticism About Driverless Ambulances” (March, 2017).
<https://www.jems.com/articles/ugc/2017/03/01/new-study-shows-skepticism-about-driverless-ambulances.html>

Scholarly Contributions (110 Total)

Peer Reviewer for Scholarly Journal Papers:

Paper titles have been omitted for ethical anonymity and discretion

28. Journal article reviewed for the Journal of Management and Engineering Integration (ISSN: 1939-7984), University of Dayton, the official journal of the Industry, Engineering, & Management Systems Conference **(2020, May)**.
27. Journal article reviewed for the International Journal of Aviation Management (ISSN online: 1755-991X), Inderscience Publishers **(2020, April)**.
26. Journal article reviewed for Technology in Society (ISSN: 0160-791X), Elsevier Publishing **(2020, February)**.
25. Journal article reviewed for the Collegiate Aviation Review International (ISSN: 1523-5955), The Official Peer-Reviewed Journal of the University Aviation Association. **(2020, January)**.
24. Journal article reviewed for Technology in Society (ISSN: 0160-791X), Elsevier Publishing **(2020, January)**.

23. Journal article reviewed for the International Journal of Aviation Research (IJAR), the peer reviewed journal of the Professional Aviation Board of Certification (PABC). Oklahoma State University Press. **(2019, December)**.
22. Journal article reviewed for the Journal of Aviation Technology & Engineering (ISSN 2159-6670), Purdue University Press **(2019, November)**.
21. Journal article reviewed for Technology in Society (ISSN: 0160-791X), Elsevier Publishing **(2019, October)**.
20. Journal article reviewed for the International Journal of Aviation Research (IJAR), the peer reviewed journal of the Professional Aviation Board of Certification (PABC). Oklahoma State University Press. **(2019, September)**.
19. Journal article reviewed for the Collegiate Aviation Review International (ISSN: 1523-5955), The Official Peer-Reviewed Journal of the University Aviation Association. **(2019, September)**.
18. Journal article reviewed for the Journal of Medical Systems (ISSN Print: 0148-5598) (ISSN Online: 1573-689X), Springer Publishing **(2019, August)**.
17. Journal article reviewed for Transportation Research Interdisciplinary Perspectives, a part of the Transportation Research family of journals (ISSN: 2590-1982), Elsevier Publishing **(2019, July)**.
16. Journal article reviewed for the Collegiate Aviation Review International (ISSN: 1523-5955), The Official Peer-Reviewed Journal of the University Aviation Association. **(2019, July)**.
15. Journal article reviewed for the Journal of Management and Engineering Integration (ISSN: 1939-7984), University of Dayton, the official journal of the Industry, Engineering, & Management Systems Conference **(2019, July)**.
14. Journal article reviewed for Technology in Society (ISSN: 0160-791X), Elsevier Publishing **(2019, June)**.
13. Journal article reviewed for Transportation Research Interdisciplinary Perspectives, a part of the Transportation Research family of journals (ISSN: 2590-1982), Elsevier Publishing **(2019, June)**.
12. Journal article reviewed for the International Journal of Sustainable Aviation (ISSN online: 2050-0475, ISSN print: 2050-0467), Inderscience Publishers **(2019, June)**.
11. Journal article reviewed for Transportation Research Interdisciplinary Perspectives, a part of the Transportation Research family of journals (ISSN: 2590-1982), Elsevier Publishing **(2019, May)**.
10. Journal article reviewed for the International Journal of Aviation, Aeronautics, and Aerospace (ISSN: 2374-6793), Embry Riddle Aeronautical University Scholarly Commons **(2019, March)**.
9. Journal article reviewed for the Collegiate Aviation Review International (ISSN: 1523-5955), The Official Peer-Reviewed Journal of the University Aviation Association. **(2018, December)**.
8. Journal article reviewed for the International Journal of Professional Aviation Training & Testing Research (IJPATTR), Oklahoma State University Press. **(2018, December)**.

7. Journal article reviewed for the International Journal of Professional Aviation Training & Testing Research (IJPATTR), Oklahoma State University Press. **(2018, November)**.
6. Journal article reviewed for the Collegiate Aviation Review International (ISSN: 1523-5955), The Official Peer-Reviewed Journal of the University Aviation Association. **(2018, November)**.
5. Journal article reviewed for the Journal of Management and Engineering Integration (ISSN: 1939-7984), University of Dayton, the official journal of the Industry, Engineering, & Management Systems Conference **(2018, May)**.
4. Journal article reviewed for the International Journal of Aviation, Aeronautics, and Aerospace (ISSN: 2374-6793), Embry Riddle Aeronautical University Scholarly Commons **(2018, May)**.
3. Journal article reviewed for Transport Policy (ISSN: 0967-070X), the official journal of the World Conference on Transport Research Society (WCTRS), Elsevier Publishing **(2018, February)**.
2. Journal article reviewed for the Journal of Aviation Technology & Engineering (ISSN 2159-6670), Purdue University Press **(2017, December)**.
1. Journal article reviewed for the Journal of Technologies in Society, a part of the International Journal of Technology, Knowledge, and Society (ISSN: 2381-9251, Print; ISSN: 2381-9294, Online), Common Ground Publishing **(2015, January)**.

Research work & Publications (82 Total)

Funded Research:

1. Rice, S. & **Mehta, R.** (2015). A Design Projection for Future Flight Decks: The 2040 Cockpit. Research consulting contract – Jeppesen, A Boeing Company. **\$10,000**.

Textbooks:

1. Rice, S. & **Mehta, R.** (2017). Automation in Sociotechnical Systems. In Cuevas, H., Velazquez, J., & Dattel, A. (Eds). Human Factors in Practice: Concepts and Applications. CRC Press.
<https://doi.org/10.4324/9781315587370-6>

Peer-Reviewed Journal Articles/Papers (* indicates student author):

35. *Milner, M. N., Winter, S. R., **Mehta, R.**, Rice, S., *Pierce, M., *Anania, E. C., *Candelaria-Oquendo, K., *Garcia, D., & *Walters, N. (Accepted). Patient Perception of Interactive Mobile Health Care Apps: A Predictive Model. *International Journal of Healthcare Technology and Management*.
34. **Mehta, R.**, Rice, S., Winter, S. R., *Anania, E. C., *Baugh, B. S., & *Milner, M. N. (2020). Determining the predictors for ease of sleep while on aircraft: Regression and qualitative analyses. *Journal of Air Transport Management*, 83. <https://doi.org/10.1016/j.jairtraman.2019.101756>
33. **Mehta, R.**, Rice, S., Deaton, J., & Winter, S. R. (2019). Creating a Prediction Model of Passenger Preference between Legacy and Low-Cost Airlines. *Transportation Research Interdisciplinary Perspectives*, 3, 100075. <https://doi.org/10.1016/j.trip.2019.100075>

32. **Mehta, R.**, Rice, S., Winter, S. R., Spence, T., *Edwards, M., & *Candelaria-Oquendo, K. (2019). Generalizability of Effect Sizes Within Aviation Research: More Samples Are Needed. *International Journal of Aviation, Aeronautics, and Aerospace*, 6(5). <https://doi.org/10.15394/ijaaa.2019.1404>
31. **Mehta, R.** (2019). The Graduate Advisor-Advisee Relationship: What Both Parties Should Expect. *International Journal of Aviation Research*, 11(1), 29-35. <https://doi.org/10.22488/okstate.19.100403>
30. **Mehta, R.**, *Rao, N.A., *Labonte, E., Rice, S., Carstens, D. and *Gaenicke, S. (2019) Consumers from India and the USA have differing views of flight attendants. *International Journal of Aviation Management*, 4(3), 147–162. <https://doi.org/10.1504/IJAM.2019.098362>
29. Rice, S., Winter, S. R., **Mehta, R.**, Keebler, J. R., *Baugh, B. S., *Anania, E. C., & *Milner, M. N. (2019). Does length of ride, gender or nationality affect willingness to ride in a driverless ambulance. *Journal of Unmanned Vehicle Systems*, 7, 39-55. <https://doi.org/10.1139/juvs-2017-0027>
28. **Mehta, R.**, *Chauhan, B., *Edwards, M., Rosser, T., Dunbar, V., & Rice, S. (2019). Does a SWT Reverse Contagion Effect Exist from Humans to Automation. *Collegiate Aviation Review International*, 37(1), 90-106. <https://doi.org/10.22488/okstate.19.100206>
27. Rice, S., Winter, S. R., **Mehta, R.**, & *Ragbir, N. K. (2019). What factors predict the type of person who is willing to fly in an autonomous commercial airplane? *Journal of Air Transport Management*, 75, 131-138. <https://doi.org/10.1016/j.jairtraman.2018.12.008>
26. *Marte, D. A., *Anania, E. C., Rice, S., **Mehta, R.**, Milner, M. N., Winter, S. R., *Walters, N., *Capps, J., & *Ragbir, N. (2018). What type of person supports 24/7 police drones over neighborhoods? A regression analysis. *Journal of Unmanned Aerial Systems*, 4(1), 61-70.
25. Winter, S. R., Rice, S., **Mehta, R.**, *Walters, N. W., *Pierce, M. B., *Anania, E. C., *Milner, M. N., & *Rao, N. (2018). Do Americans differ in their willingness to ride in a driverless bus? *Journal of Unmanned Vehicle Systems*. 6(4), 267-278. <https://doi.org/10.1139/juvs-2018-0020>
24. Winter, S.R., Keebler, J. R., Rice, S., **Mehta, R.**, & *Baugh, B.S. (2018). Patient perceptions on the use of an autonomous emergency medical transport: An affective perspective. *Transportation Research Part F*. 58, 431-441. <https://doi.org/10.1016/j.trf.2018.06.033>
23. **Mehta, R.**, Rice, S., Winter, S.R., & *Eudy, M. (2017). Perceptions of Cockpit Configurations: A Culture and Gender Analysis. *International Journal of Aerospace Psychology*, 27(1-2), 57-63. <https://doi.org/10.1080/10508414.2017.1365609>
22. **Mehta, R.**, Rice, S., Winter, S.R., & Buza, P. (2017). Cabin Depressurization as a Hijacking Mitigation Tactic: A Consumer Perceptions Study. *Collegiate Aviation Review International*, 35(1), 13. <https://doi.org/10.22488/okstate.18.100472>
21. Winter, S. R., Rice, S., *Rains, T., *Milner, M., & **Mehta, R.** (2017). A longitudinal study on the alteration of consumer perceptions and the use of pilot medication. *Journal of Air Transport Management*, 59, 100-106. <https://doi.org/10.1016/j.jairtraman.2016.12.004>

20. Winter, S. R., Rice, S., *Friedenreich, K., **Mehta, R.**, & *Kaiser, B. (2017). Passenger Perceptions Toward the Federal Flight Deck Officer Program and their Willingness to Fly. *Aviation Psychology and Applied Human Factors*, 7(1), 7-17. <https://doi.org/10.1027/2192-0923/a000110>
19. Rice, S., Winter, S., **Mehta, R.**, Winter, R., Rice, A. & Oyman, K. (2017). Consumer perceptions of aircraft safety scale (C-PASS): An empirically developed scale for American consumers. *The International Journal of Technology, Knowledge, and Society* 13(2), 39-47. <https://doi.org/10.18848/1832-3669/CGP/v13i02/39-47>
18. **Mehta, R.** & Rice, S. (2016). System Wide Trust: A Possible Contagion Effect. *Collegiate Aviation Review International*, 34(1), 12. <https://doi.org/10.22488/okstate.18.100465>
17. **Mehta, R.** & Rice, S. (2016). Creating a Short Scale for In-Flight Experience Quality. *International Journal of Social Science and Humanity*, 6(12), 970-974. <https://doi.org/10.18178/ijssh.2016.V6.783>
16. Winter, S. R., Rice, S., **Mehta, R.**, Winter, R., Reid, K. & Cremer, I. (2016). Using System-Wide Trust Theory to Make Predictions About Trust in Transportation Automation. *Journal of Technologies and Human Usability*, 12(2), 1-11. <https://doi.org/10.18848/2381-9227/CGP/v12i02/1-11>
15. Rice, S., Trafimow, D., & **Mehta, R.** (2016). Using Confluence Theory to Make Unusual Predictions About Desire, Expectation, and Intention Attributions. *Journal of Social Science Studies*, 3(2), 8. <https://doi.org/10.5296/jsss.v3i2.8505>
14. **Mehta, R.**, Rice, S., & *Rao, N. (2016). Traveler Perceptions of Trust in Air Traffic Controllers: A Cultural Comparison between India and The United States. *International Journal of Social Science Research*, 4(1), 98-114. <https://doi.org/10.5296/ijssr.v4i1.8672>
13. Rice, S., Kraemer, K., & **Mehta, R.** (2015). Which Emotion(s) Mediate the Relationship Between Mental Illness and Trust? *Issues in Social Science*, 3(2), 132. <https://doi.org/10.5296/iss.v3i2.8484>
12. Rice, S., Trafimow, D., & **Mehta, R.** (2015). The Case for Adding Randomness to the Nature-Nurture Debate. *Issues in Social Science*, 3(2), 121. <https://doi.org/10.5296/iss.v3i2.8489>
11. Rice, S., Winter, S.R., Kraemer, K., **Mehta, R.** & Oyman, K. (2015). How do depression medications taken by pilots affect passengers' willingness to fly? A mediation analysis. *Review of European Studies*, 7(11), 200. <https://doi.org/10.5539/res.v7n11p200>
10. **Mehta, R.**, Rice, S., Carstens, D., Cremer, I. & Oyman, K. (2015). A brief intermodal rail network (IRN) scale: Establishing validity and reliability. *Journal of Sustainable Development*, 8(6), 243. <https://doi.org/10.5539/jsd.v8n6p243>
9. Rice, S., **Mehta, R.**, Winter, S.R. & Oyman, K. (2015). A Trustworthiness of Commercial Airline Pilots (T-CAP) Scale for American Consumers. *Journal of Aviation Technology and Engineering*, 4(2), 55. <https://doi.org/10.7771/2159-6670.1108>
8. Winter, S. R., Rice, S., *Reid, K. M., & **Mehta, R.** (2015). Consistency of Aviation Students When Taking the Private Pilot Knowledge Exam. *Journal of Aviation/Aerospace Education & Research*, 24(2), 21-38. <https://doi.org/10.15394/jaaer.2015.1608>

7. Winter, S. R., Rice, S., **Mehta, R.**, Cremer, I., *Reid, K. M., Rosser, T. R., & Moore, J. C. (2015). Indian and American consumer perceptions of cockpit configuration. *Journal of Air Transport Management*, 42, 226-231. <https://doi.org/10.1016/j.jairtraman.2014.11.003>
6. Rice, S., Graves, W., Stauble, M. & **Mehta, R.** (2015). Perception of video game experience and its effects on STEM tasks and tests. *Ubiquitous Learning: An International Journal*, 8(2).
<https://doi.org/10.18848/1835-9795/CGP/v08i02/40401>
5. Winter, S. R., Rice, S., & **Mehta, R.** (2014). Aviation Consumers' Trust in Pilots: A Cognitive or Emotional Function. *International Journal of Aviation, Aeronautics, and Aerospace*, 1(1), 2.
<https://doi.org/10.15394/ijaaa.2014.1003>
4. **Mehta, R.**, Rice, S., & Winter, S.R. (2014). Examining the relationship between familiarity and reliability of automation in the cockpit. *Collegiate Aviation Review*, 32(2), 1-13.
<https://doi.org/10.22488/okstate.18.100452>
3. Rice, S., Kraemer, K., Winter, S. R., **Mehta, R.**, Dunbar, V., Rosser, T. G., & Moore, J. C. (2014). Passengers from India and the United States Have Differential Opinions about Autonomous Auto-Pilots for Commercial Flights. *International Journal of Aviation, Aeronautics, and Aerospace*, 1(1), 3.
<https://doi.org/10.15394/ijaaa.2014.1004>
2. Winter, S. R., Rice, S., Rosser, T., **Mehta, R.** & Rice, A. (2014). Consumer perceptions of starting regional pilot pay given additional qualifications. *International Journal of Aviation, Aeronautics, and Aerospace*, 1(2), 1.
1. Rice, S., **Mehta, R.**, Steelman, L. & Winter, S.R. (2014). A trustworthiness of commercial airline pilots (T-CAP) scale for Indian consumers. *International Journal of Aviation, Aeronautics, and Aerospace*, 1(3), 3.

Conference Proceedings (* indicates student author):

45. **Mehta, R.**, Rice, S., Winter, S.R., *Milner, M., Mehta, F. (2020, March). What Factors Influence the Imposter Phenomenon amongst Collegiate Flight Students? Presentation at the 2020 National Training Aircraft Symposium (NTAS).
44. *Nakushian, A., *Kapar, A., *Ryan, K., **Mehta, R.** & Wheeler, B. (2020, March). Prevalence of Invulnerability in Collegiate Part 141 Flight Students. Presentation at the 2020 National Training Aircraft Symposium (NTAS).
43. *Madonna, C., *Moore, J., *Gerald, J., Wheeler, B. & **Mehta, R.** (2020, March). A Look at Risk Attitude: Flight Students Compared to Non-Flight Students. Presentation at the 2020 National Training Aircraft Symposium (NTAS).
42. **Mehta, R.**, *Chauhan, B., *Edwards, M., Rosser, T., Dunbar, V., & Rice, S. (2019, October). Is there a System Wide Trust Reverse Contagion Effect from Humans to Automation? Presentation at the 72nd Annual UAA Education Conference & Expo, Memphis, TN. <https://doi.org/10.22488/okstate.19.100206>
41. **Mehta, R.**, Rice, S., Winter, S. R., Spence, T. B., *Edwards, M., *Candelaria-Oquendo, K. & *Baugh, B.S. (2019, May). Are Convenience Samples Generalizable Within the Aviation Industry? Poster presented at the 20th International Symposium on Aviation Psychology, Dayton, Ohio.

40. Rice, S., **Mehta, R.**, Winter, S. R., *Anania, E., *Milner, M. N., & *Ragbir, N. (2019, March). What type of person is willing to undergo a teeth cleaning with a dental robot? Poster accepted to the 2019 International Symposium on Human Factors and Ergonomics in Health Care, Chicago, IL.
39. Winter, S.R., Keebler, J. R., Rice, S., **Mehta, R.**, & *Baugh, B.S. (2018, October). Driverless ambulances: A possibility, but will patients ride? Paper presented at the 62nd International Meeting of the Human Factors and Ergonomics Society, Philadelphia, PA. <https://doi.org/10.1177/1541931218621270>
38. *Anania, E. C., **Mehta, R.**, *Marte, D., Rice, S., & Winter, S. R. (2018). Which factors predict consumer willingness to ride in driverless vehicles? Paper accepted for the Proceedings of the 62nd International Meeting of the Human Factors and Ergonomics Society, Philadelphia, PA. <https://doi.org/10.1177/1541931218621314>
37. *Anania, E., Rice, S., Winter, S., **Mehta, R.**, & Vaden, E. (2018). Potential predictors of ability to sleep during commercial air travel. Poster accepted for presentation at the 2018 Institute of Industrial & System Engineers Conference & Expo, Orlando, FL.
36. *Milner, M., **Mehta, R.**, Rice, S., & Winter, S.R. (2017, May). What Information About Consumers Predicts Their Trust in Autopilots? 19th International Symposium on Aviation Psychology. Dayton, Ohio.
35. **Mehta, R.**, Rice, S., & Winter, S.R. (2017, March). How Consistent Are Consumers' Perceptions of Willingness to Fly? Presentation at the 2017 Industry, Engineering, & Management Systems Conference, Cocoa Beach, Florida.
34. **Mehta, R.**, Rice, S., & Winter, S.R. (2017, March). How many planes can one remote control co-pilot handle? Presentation at the 2017 Industry, Engineering, & Management Systems Conference, Cocoa Beach, Florida.
33. Rice, S., & **Mehta, R.** (2017, March). Developing a Valid and Reliable Willingness to Interact with Drones (WID) Scale. Presentation at the 2017 Industry, Engineering, & Management Systems Conference, Cocoa Beach, Florida.
32. Winter, S. R., Rice, S., Keebler, J. R., & **Mehta, R.** (2017, March). Patient perceptions on the use of an auto-piloted emergency medical transport: An affective perspective. 2017 International Symposium on Human Factors and Ergonomics in Health Care, New Orleans, Louisiana.
31. *Hart, M., **Mehta, R.**, & Rice, S. (2016). *Consumer Perceptions of Controlled Rest in Position During Long Distance Flights*. Poster presented at the 9th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
30. **Mehta, R.**, *Hruszczyk, A., *Mickevicius, J., *Friedenreich, K., & Rice, S. (2016). *The effects age has on attitudes towards aviation related technology*. Poster presented at the 9th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
29. *Mickevicius, J., *Friedenreich, K., **Mehta, R.**, *Hruszczyk, A. & Rice, S. (2016). Opinions Aviation Consumers Have on Problematic Airport Security Situations. *Proceedings of the 2016 Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ.*

28. *Friedenreich, K., *Mickevicius, J., **Mehta, R.**, *Pierre, S., Rice, S. (2016). Consumer Willingness to Fly Onboard Aircraft with Armed Pilots. *Proceedings of the 2016 Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ.*
27. *Friedenreich, K., *Mickevicius, J., **Mehta, R.**, *Eudy, M. & Rice, S. (2016). The Effects Advertising has on Passenger Opinions towards Advancements in Aviation Technology. *Proceedings of the 2016 Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ.*
26. Rice, S., Oyman, K. & **Mehta, R.** (2015). A quick and valid aircraft safety scale. Atmospheric Science Symposium. Istanbul, Turkey. Invited Presentation.
25. **Mehta, R.**, Rice, S., Rao, N., *Coudert, A. & Oyman, K. (2015, April). *Age and Trust in Air Traffic Controllers: A Comparison Between Two Countries.* Presentation at the 8th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
24. **Mehta, R.**, Rice, S., Winter, S. R. & Oyman, K. (2015, April). *Consumer Perceptions About Cabin Depressurization During Hijackings.* Presentation at the 8th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
23. **Mehta, R.**, Rice, S., Winter, S. R. & Oyman, K. (2015, April). *Is There a Stigma Associated with Pilots Taking Medication?* Poster presented at the 8th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
22. **Mehta, R.**, Rice, S., Winter, S. R., Moore, J. C. & Oyman, K. (2015, April). *Public Perceptions of Privacy Toward the Usage of Unmanned Aerial Systems: A Valid and Reliable Instrument.* Poster presented at the 8th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL.
21. **Mehta, R.**, *Rao, N., *Labonte, E., Rice, S. & Oyman, K. (2015). Age and trust in flight attendants: A comparison between two countries. 18th International Symposium on Aviation Psychology. Dayton, Ohio.
20. Cremer, I., Rice, S., Winter, S.R., **Mehta, R.** & Oyman, K. (2015). Water reuse attitudes for airports: A regression analysis. 18th International Symposium on Aviation Psychology. Dayton, Ohio.
19. Rice, S., **Mehta, R.** & Oyman, K. (2015). A valid and reliable safety scale for commercial airline passengers (SS-CAP). 18th International Symposium on Aviation Psychology. Dayton, Ohio.
18. Winter, S. R., Rice, S., Cremer, I., & **Mehta, R.** (2015, May). Consumer trust ratings after an airline accident: An affective perspective. Proceedings of the 18th International Symposium on Aviation Psychology, Dayton, Ohio.
17. **Mehta, R.**, Rice, S., Winter, S.R. & Oyman, K. (2015). System Wide Trust: The Contagion Effect from Automation to Human. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference.*
16. **Mehta, R.**, Rice, S., *Oni, M.A., *Oni, M.D., *Ghosal, S. & Oyman, K. (2015). Consumer willingness to fly on sub-orbital flights: A regression analysis. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference.*

15. Rice, S., **Mehta, R.**, *Ghosal, S., *Oni, M.A., *Oni, M.D. & Oyman, K. (2015). A valid and reliable scale to measure perceived customer service skills of flight attendants. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference*.
14. Rice, S., **Mehta, R.**, Oyman, K., *Oni, M.D., *Ghosal, S. & *Oni, M.A. (2015). Sociable pilots are trusted more than their unsociable counterparts: An affective perspective. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference*.
13. **Mehta, R.**, Rice, S., *Butalla, S. & Oyman, K. (2015). Cultural and gender differences in willingness to fly on manned space flights for tourists. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference*.
12. Rice, S., **Mehta, R.**, Dunbar, V., Oyman, K., *Ghosal, S., *Oni, M.D. & *Oni, M.A. (2015). A valid and reliable scale for consumer willingness to fly. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference*.
11. *D'souza, C. E., Winter, S.R., **Mehta, R.**, Rice, S., & Brown, A. (2015). Airline consumers' perceptions of Transportation Security Administration's prohibited items. *Proceedings of the 2015 Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ*.
10. Rice, S., Oyman, K., **Mehta, R.** & *Oni, M. (2015). A valid and reliable scale for aircraft safety: The consumers' perspective. *Proceedings of the 11th International Conference on Technology, Knowledge and Society*.
9. **Mehta, R.**, *Reid, K., Rice, S., *Venus, D. & Winter, S.R. (2015). System-Wide Trust Theory: The trust contagion goes beyond automation. *Proceedings of the 11th International Conference on Technology, Knowledge and Society*.
8. *Reid, K., **Mehta, R.**, Rice, S. & Winter, S.R. (2015). Consumer perceptions of technology used to keep our pilots professional. *Proceedings of the 11th International Conference on Technology, Knowledge and Society*.
7. **Mehta, R.**, Rice, S. & Winter, S. R. (2014, October). *Examining the relationship between familiarity and reliability of automation in the cockpit*. Presentation at the University Aviation Association Fall Conference, Daytona Beach, FL. <https://doi.org/10.22488/okstate.18.100452>
6. **Mehta, R.**, Rice, S., Winter, S.R. & Oyman, K. (2014). Consumers' perceptions about autopilots and remote-controlled commercial aircraft. *Proceedings of the 57th Annual Meeting of the Human Factors and Ergonomics Society, Chicago, IL*. <https://doi.org/10.1177/1541931214581384>
5. *Tunstall, C., Rice, S., **Mehta, R.**, Dunbar, V. & Oyman, K. (2014). Time pressure has limited benefits for human-automation performance. *Proceedings of the 57th Annual Meeting of the Human Factors and Ergonomics Society, Chicago, IL*. <https://doi.org/10.1177/1541931214581218>
4. **Mehta, R.**, Rice, S. & Winter, S. R. (2014, April). Consumers' perceptions about autopilots and remote-controlled commercial aircraft. Poster presented at the 7th annual Human Factors and Applied Psychology Student Conference, Daytona Beach, FL. <https://doi.org/10.1177/1541931214581384>

3. **Mehta, R.**, Winter, S. R., & Rice, S. (2014, April). Examining the relationship between familiarity of automation and perceived reliability across various levels of pilot experience. Poster presented at the 7th annual *Human Factors and Applied Psychology Student Conference, Daytona Beach, FL*.
<https://doi.org/10.22488/okstate.18.100452>
2. Winter, S. R., Rice, S., & **Mehta, R.** (2014, January). Aviation consumers base their trust in pilots in part on ethnicity. Paper presented at the *Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ*.
1. *Reid, K., M., Winter, S. R., Rice, S., & **Mehta, R.** (2014, January). How consistent are aviation students when taking the private pilot knowledge exam? Paper presented at the *Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ*.