Editorial

Welcome to Volume 9, Issue 1 of *Journal of Aviation Technology and Engineering* (JATE). At the time of this publication, the aviation industry is facing many challenges. Aircraft manufacturers, airports, airlines, every facet of the industry are impacted. Certainly, both the immediate and long-term impact of COVID-19 will provide much opportunity for reflection, research, and analysis. Case studies, best practices research, economic analyses, and more will be necessary to prepare for future crises.

This issue of JATE contains four articles that have undergone a double-blind peer review process and have been selected for publication.

JATE Volume 9, Issue 1 commences with David Ison of Northcentral University. His article, "Empirical Analysis of Trends in Runway Incursions in the United States from 2001 to 2017," analyzes trends pertaining to runway incursions.

A team of researchers from industry, academia, and aviation accrediting organization AABI collaborate by expanding upon previous Pilot Source Study research. "Pilot Source Study 2018: Five Years After the FOQ Rule—New-Hire First Officer Backgrounds and Their Performance in US Regional Airline Training" contains a multivariate analysis.

Next, Meron Lindenfeld, Jeanne Radigan, and Michael Figuccio of Farmingdale College present their research on the level of influence that air traffic control simulation has on students. The article "Does the Use of Simulation Significantly Impact Students' Perceptions of Their Air Traffic Control Knowledge and Skill?" contains survey data collected from students at four different schools and measures perception of knowledge, skill level, and career commitment both before and after completion of simulation courses.

Finally, researchers from the University of Nebraska at Omaha and Purdue University investigate approaches to validate the FAA's Flight Risk Assessment Tool (FRAT). Some general aviation operations use FRAT operations in an effort to identify and mitigate flight risks. In "Factorial Validity of the Flight Risk Assessment Tool in General Aviation Operations," the authors present statistical results.

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