

Ms. Tasjah D. Hall

Improving Performance • Enhancing Programs • Inspiring Systemic Change

EXPERIENCED EDUCATOR/ Aviation Professional

...dedicated to guiding students to succeed while inspiring an insatiable passion for Science, Technology Engineering and Mathematics (S.T.E.M.) careers specializing in aviation/aerospace.

Visionary Leader, Bridge Builder and Coordinator with a Master's Degree with 17+ years of industry experience coupled with instructing higher education students, engaging in research, and implementing effective programs. Background includes thirteen years of college education instruction, three - four years of aviation consulting and eleven years of aviation/airport management/security experience.

SUMMARY OF QUALIFICATIONS

- An **enthusiastic, creative, and passionate educator**, mentor and advisor who believes that all students can learn and thrive in a learning environment that is stimulating, comforting and appropriate to their unique talents and abilities.
 - **Specializations include:** Aviation Science and Airport Management & Aviation Research
 - **Instructional Leadership** - Use a balanced blend of motivational and targeted instruction methodologies to enhance curricula, focus on the three 'R's - rigor, relevancy and relationships.
 - **Engage Partnerships** – Work closely with industry professionals, repeated successes securing a high level of industry involvement.
 - **Leverage Resources / Strategic Collaborations** – Work closely with district leaders and community partners to encourage strong community aviation/aerospace alliances.
 - Utilize a **visionary approach with consistency** to help students past the threshold of *not-knowing* to *knowing* and develop to their fullest extent.
 - **Research and Development** - conducted research in science, technology, engineering and math; developed academic aviation virtual airport which consisted of airports training, Air Traffic Control and Flight; assisted with proposal writing for NASA grant related to aeronautics, robotics and science.
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HIGHLIGHTED PROFESSIONAL TEACHING/TRAINING EXPERIENCE AND AVIATION MANAGEMENT EXPERIENCE

TEXAS SOUTHERN UNIVERSITY, Houston, TX

August 2004 – May 2011
January 2012 - present

Aviation Science Visiting Instructor

- Facilitate six classes consisting of 10-30 students.
- Utilize multiple assessments in compliance with university and state requirements to inform instruction.
- Use innovative methods and materials to produce effective learning experiences including cooperative learning, innovative research techniques and aviation simulations.

Highlighted Achievements

- Contributed to a significant increase in student performances on standardized testing.
- Provide instructional and administration leadership for the program, during one semester the program enrollment increased 50%. The overarching goal of the program is to assist all students using college students as mentors and resources for problem solving, critical thinking and research.
- Increased student involvement by coordinating aviation conferences and field trips.
- Coordinated independent research in the areas of flight science, engineering, and technology.
- Implemented the Air Operations Area (AOA) Driver Training component to the airport management curriculum along with a virtual airport and AOA Driver training simulations.
- Implemented a Virtual Airport environment to create a more conducive learning environment that encompasses the specialized areas of aviation which included innovative technologies such as ATC sims and Flight sims.
- Mentored and coached students to help boost their confidence and competencies, as evidence by scores, completion of work, and obtaining paid internships.
- Provided students with feedback targeting areas of improvement and align their strengths with course objectives and intended outcomes

**TRANSPORTATION SECURITY ADMINISTRATION (TSA) AND FEDERAL AVIATION
ADMINISTRATION (FAA), Houston, TX**

November 2001 – August 2004

Aviation Security Inspector/Special Agent

- Performed fact finding/investigative, inspection and advisory work to ensure compliance with regulations such as CFR 14 121, 139 and CFR 49 1542, 1544 and 1548; documented results of alleged or potential violations of those regulations.
- Inspected aircraft movement areas to ensure a safe and secure environment and initiated corrective actions according to standard operating procedures.
- Performed reviews of airport and air carrier security plans for compliance of gov't regulations; maintained liaison with the airport/air carrier management personnel; monitored security programs, advised of deviations and made recommendations;
- Prepared final reports and initiated letters of investigations when necessary.
- Conducted cargo security inspections in the air cargo operations area through inspecting airway bills and shipping documents that pertained to security certifications to ensure compliance with regulations and standards.
- Conducted assessments to determine security posture and compliance in such areas as airport/air carrier security, cargo and baggage/passenger screening involving FAA facilities, with special attention on items of security interest.

Highlighted Achievements

- Able to build working relationships with stakeholders to ensure safety of traveling public as it relates to airport security.

**TEXAS SOUTHERN UNIVERSITY, CENTER FOR TRANSPORTATION TRAINING AND
RESEARCH, Houston, TX**

Sept 2008 – June 2009

Research Assistant

- Assisted with program management and coordination of the Summer Transportation Institute program; completed research activities related to marine port transportation of US ARMY unmanned vehicles through ports by modifying innovative research techniques and processes related to the movement of unmanned ground vehicles.
- Analyzed complex data from organizational data collection systems such as IEEEExplore.org and Transportation Research Board data collection database; conducted site visits, performed data analysis, modeling, and containerization and methodology/theory study.
- Performed moderately complex research and experimentation following established protocols; conducted independent research in the areas of science, technology, engineering and math in accordance with specifications from NASA and performed various clerical and editorial duties; compiled, processed and analyzed data using automated systems and databases; performed supervisory and training duties.

HOUSTON AIRPORT SYSTEM, Houston, TX

June 1996 – November 2001

Airport Operations Specialist

- Inspected aircraft movement areas to ensure a safe and secure environment and initiated corrective actions according to standard operating procedures; prepared inspection reports in accordance to FAR 139, 77 and 150.
- Reported unsafe conditions and policy/procedure violations; identified and anticipates operational, safety and security concerns by maintaining constant surveillance and radio contact with the Control Tower; initiated corrective actions in accordance to CFR 49 1542 and 1544; conducted communications with airlines, tenant and airport personnel and resolved problems between airport customers and tenants.
- Monitored and acted as project manager on construction and maintenance work activities in operational areas to ensure a safe environment and reviews construction plans for compliance with policies and procedures; initiated NOTAMS as required by federal regulations and maintained an operations log of airfield activities; acted as field security liaison during emergencies; commanded operational activities and

maintained order during aeronautical-related emergencies, participated in period tabletop or field exercises and tests of response resources; met with airport tenants to explain airport policies and lease provisions.

Highlighted Achievements

- Developed and coordinated the Air Operations Area (AOA) Driver Training program/train the trainer course and assisted with training personnel.

PART-TIME INSTRUCTOR EXPERIENCE

LoneStar College, University Park (TSU) Houston, TX Aviation Instructor January 2011 – May 2013

COMMUNITY SERVICE

Aerospace and Aviation Academy, Texas Southern University - Instructor July 2011 - August 2012

Successfully written a proposal for a new Flight Technology Program at TSU January 2009-2011

Successfully contributed to the installation of the virtual airport at TSU's Aviation Program to include the AOA Driver Training Simulators (future student certification).

EDUCATION

**Presently enrolled in the Urban Planning Ph.D. program for Fall 2016, Texas Southern University
M.S., Transportation Planning and Management, Texas Southern University, Houston, TX - 1999**

B.S., Aviation Science Management, Texas Southern University, Houston, TX – 1995

United States Marine Educator Workshop - Quantico, VA, 2009

ASSOCIATIONS & CERTIFICATIONS

2017 *ArGIS training certification in progress – Completion May 25, 2017*

2014 National Incident Management System (NIMS) training/certification 700a level

2012 Texas Licensed Private Investigator

2009 National Incident Management System (NIMS) training/certification (4 levels)

2007 Office of the Governor, Austin, Texas
Proposal Writer

2005 Office of the Governor, Austin, Texas
Proposal Writer

2003 Transportation Security Administration (TSA), Mike Moroney Aeronautical Center,
Oklahoma City, Oklahoma - Cargo Security Training

2002 Federal Aviation Administration (FAA) Mike Moroney Aeronautical Center
Oklahoma City, Oklahoma - Screening Technology, Basic Airport/Air Carrier Security
Special Agent

1999 Federal Aviation Administration (FAA), Houston Airport System, Houston, Texas
Airport Safety Operations School

1999 Houston Airport System, Houston, Texas
Situational Self Leadership

ASSOCIATIONS AND AFFILIATIONS

Bailey Military Institute – Member since 2010

Women in Aviation, International (WAI) - member since 2005

Academic Advisor of Women in Aviation (WAI) Maroon Tails Student Chapter, TSU 2015 – Present

Board member of WAI Space City Chapter (2005 – 2009, Newly Appointed Board member 2013-2014

American Association of Airport Executives – Academic member and Academic Advisor for AAAE student chapter 2015 - present

Institute of Transportation Engineers (ITE)

National Technical Association (NTA)

National Business Aircraft Association (NBAA)