

I. Richmond Nettey Ph.D., Professor of Aeronautics
College of Aeronautics and Engineering, 220F AEB
Kent State University, Kent, OH 44242
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**EDUCATIONAL
BACKGROUND:**

Doctor of Philosophy (Ph.D.) (2000)

Dissertation Title: *Categorical Grants as a Tool of Intergovernmental Relations: Evolution of Airport Funding and the Airport Improvement Program (AIP)*.
University of Houston, University Park, Houston, TX 77021

Master of Business Administration (M.B.A.) (1985)

University of Louisiana at Monroe, Monroe, LA 71209

Bachelor of Science (B.S.) – Aviation (1983)

University of Louisiana at Monroe, Monroe, LA 71209

Aviation Administration and Flight Training (1980-1982)

University of Dubuque, Dubuque, IA 52001

Transportation Safety Institute Certificates (1986)

Seminars: 1. **F.B.I./F.A.A. Crisis (Hijack) Management**
2. **Civil Aviation Security.**

Transportation Safety Institute

U.S. Department of Transportation,
Oklahoma City, OK 73801.

**PROFESSIONAL
EXPERIENCE**

Associate Dean (2007-19), Lead Faculty, Aviation Mgt. (2019–)
College of Aeronautics and Engineering, Kent State University.

Assisted the Dean in the overall leadership of the College Aeronautics and Engineering (CAE) in the critical areas of external accreditation and the re-accreditation of academic programs in Aeronautics, Applied Engineering and Construction Management; institutional reviews of academic programs offered by CAE; effective management of enrollment and retention; represented CAE on multiple institutional committees. [Served as Dean in the Dean's absence.](#) Secured [federal grants](#) and hosted the largest group of faculty from [Iraq](#) and [Libya](#) as [Fulbright Visiting Scholars in summer 2012](#) and [2013](#). Assisted in the [strategic and master planning of Kent State airport](#) while teaching graduate and undergraduate courses as a tenured full professor in Aeronautics. Established a student and faculty exchange program in aviation management with the European Business School in Germany in 2009 and Korea Aerospace University in 2018. Led six student teams to national honors and prizes in the (i) Runway Safety/Runway Incursions, (ii) Airport Operations and Maintenance, and the (iii) Airport Environmental Interactions challenge categories, 2023-2024 and 2008-2010 FAA University Design Competition. [Wrote the proposal in 2007 and led the effort to secure an FAA authorized Air Traffic – Collegiate Training Initiative \(CTI\) program at Kent State University](#), only CTI program in Ohio. President, ATMAE's Safety Division (2017-Present). Chairman, TRB's AV050 (2020–May 2025).

July 2001 to
September 2008

**Senior Academic Program Director, Aeronautics Division
and Associate Professor, School/College of Technology,
Kent State University, Kent, Ohio 44242-0001.**

Served as program director with responsibility for the Aeronautics Program in the areas of academic affairs, budgeting, fiscal planning, curriculum development and management, faculty and staff resource supervision and management. Specific responsibilities comprised management of Kent State University's FAR Part 141 flight training program offered with a fleet of 25 airplanes and a staff of about 45 flight instructors and dispatchers at Kent State University Airport; program revision and **historic accreditation of Aeronautics** by the Council on Aviation Accreditation (d.b.a. AABI) in February 2006; supervised all five academic areas of concentration towards the baccalaureate degree in aeronautics; collaborative efforts with business, government, and industry towards professional development and scholarship in aviation; served as an elected trustee of AABI from 2004-2007; established a bridge program with ExpressJet in 2003 for seamless transfer of graduates to airline pilot positions.

August 1988
to July 2001

**Director, Airway Science Program and Assistant Professor
College of Science and Technology, Texas Southern University,
Houston, Texas 77004.**

Directed administrative, academic and operational functions of the Airway Science Program while teaching core courses in Airway Science. Conducted, reviewed and supervised research in aviation. Established mechanisms to ensure the professional development of Airway Science students through participation in airport emergency exercises, aviation related seminars and conferences, management internships, cooperative education and training programs with the FAA, Houston Airport System and major airlines. **Led the Airway Science Program to secure historic accreditation and re-accreditation by the National Association of Industrial Technology (NAIT) in 1995 and 2001, respectively.** Served as President of the University Aviation Association (UAA) and as chairman of the Executive Committee in 1997-1998, after historic election as UAA's president during UAA's fiftieth anniversary. Served on the National Research Council of the National Academy of Science's Committee on Education and Training for Civil Aviation Careers (CETCAC) from 1995 to 1996. Served on the FAA's Aviation Rulemaking and Advisory Committee (ARAC) for airports. Successfully worked in concert with other university officials to secure over \$ 1.5 million in grants and matching funds to enhance the Airway Science Program. Instituted a campus guest lecture series that featured leaders and executives in aviation. Organized the first student chapter of the American Association of Airport Executives (AAAE) in Texas. Won Teacher of the Year Award in 1993 and received commendation from the Governor of Texas, Houston Mayor, etc. Successfully applied for the first Aviation Education Resource Center in Texas – 29th April 1991.

May, 1999
to Present

**Airport Management Professional Development Consultant,
Houston Airport System Training Center,
George Bush Intercontinental Airport, Houston, Texas 77205**

Authored a "Proposal to Provide Education and Training Services Through an Airport Management Course for Employees of the Houston Airport System (HAS)" under the auspices of TSU's School of Continuing Education, Houston, TX. April 23, 1999, and taught the professional development course in airport management to over 200 airport executives, managers, and supervisory staff of the Houston Airport System (HAS) at the Bush Intercontinental Airport Training Center in Houston, TX. The course comprises five modules that are designed to address the key issues of; (i) Aviation Management: An Introduction (ii) Role of Federal Legislation in Airport Development in the U.S. (iii) The Structure, Classification and Economic Role of Airports (iv) Developing an Airport Master Plan and (v) An Airport's Relations with its Publics: Air Carriers, Concessionaires and the FAA.

January, 1988
to Sept., 1988

**Adjunct Professor – Aeronautical Studies
San Jacinto College, Central Campus
Pasadena, Texas 77505**

Taught a Flight Physiology course to graduate and undergraduate students at San Jacinto College in Pasadena, Texas. Most of the students were participants in the Pilot Entry Training Program (PEP) sponsored by Eastern Airlines.

Fulfilled responsibilities of an adjunct professor at San Jacinto College in Pasadena while working as an Operations and Safety Coordinator at Houston's Bush Intercontinental Airport and then as the Director of Airway Science at TSU.

September, 1983
to May, 1986

**Graduate Teaching Assistant and Instructor of Aviation,
Aviation Department, University of Louisiana at Monroe
Monroe, Louisiana 71209**

Taught two different courses in aviation each semester for six semesters to undergraduate students and continuing education students who had returned to the university to work towards private pilot certification. Taught three sections of the two different aviation courses to over 500 students while working towards the master's degree in Business Administration (MBA).

INDUSTRY**EXPERIENCE:**

**Airport Operations and Safety Coordinator
Intercontinental Airport (IAH), Houston Airport System,
P. O. Box 60106, Houston, Texas 77205-0106**

July 1986 to
Sept. 1988

Responsibilities included coordination and management of all operational and maintenance activities in the Aircraft Operating Areas (AOA), terminal areas and other landside sections of the airport; monitored daily operation of airport tenants, as well as construction contractors to ensure compliance with pertinent Federal Aviation Regulations, Advisory Circulars, City Ordinances and contractual provisions; represented airport management in effective interaction with Federal Agencies, airport tenants and the traveling public; commanded all activities by airport support units during aeronautical emergencies; supervised communications center activities; assisted in the development of Airport Operating Procedures (A.O.P.) and Operating Instructions (O.I.) for the effective management of Intercontinental Airport. Inspected aircraft fuel storage systems and fuel handling equipment operated by airport lessees (tenants) and administered aircraft fueling exam for corporate tenants and fixed base operators that handled fuel on the airport.

August, 1983
to May, 1986.

**Coordinator and Supervisor
Aviation and Aerospace Resource Center,
University of Louisiana at Monroe, Louisiana 71209.**

Managed and supervised the daily operations of the Aviation and Aerospace Resource Center while simultaneously working towards the master's degree in Business Administration (M.B.A). Assisted students and faculty members to conduct research with resource center material. Supervised the procurement, review and cataloging of research data from NASA, as well as films and literature related to Aviation and Aerospace.

INVOLVEMENT AS

A CONSULTANT: Houston Airport System

1999 – Present

**Bush Intercontinental Airport
Houston, Texas 77205**

Provides professional development programs in effective airport management strategies for the administrative, managerial and supervisory staff of airport employees. Collaborated with the Airports Council International (ACI), Geneva and the Houston Airport System to deliver lectures on effective airport management to airport executives from Africa and China in 2000–2003.

Department of Aviation 2015 and 2018

College of Education and Professional Studies

Central Washington University (CWU), Ellensburg, WA

Served as a consultant to review the Aviation Program at CWU with Dr. Tim Brady, Interim Chancellor and Dean, College of Aviation, Embry Riddle Aeronautical University, Daytona Beach, FL at the invitation of CWU President Gaudino, Provosts Levine and Frank.

Department of Homeland Security 2007 – 2008

Transportation Security Administration

c/o CRA, Inc., 4401 Ford Ave., Alexandria, VA 22302

Completed review work as a Subject Matter Expert (SME) for DHS in a Training and Exercise Integration/ Training Operations (TEI/TO) session in Washington, DC. 25th January 2008

Conducted a Subject Matter Expert (SME) review of an Aviation Security Program for General Aviation Airports prepared with DHS funding at the invitation of Community Research Associates (CRA) of Alexandria, VA at Waukesha County Technical College, Pewaukee, WI 5th – 9th August 2007

School of Technology 14th – 16th Nov. 1998

Kent State University

Kent, Ohio 44242

Served as a consultant to review the Aeronautics Division at Kent State University with Dr. Tom Connolly, Chancellor, Embry Riddle Aeronautical University at the invitation of Dr. Raj Chowdhury, Dean, School of Technology, Kent State University.

Federal Aviation Administration 1994 – 1996

Office of Higher Education and Training (AHT)

Washington, DC.

Served as a consultant for the FAA under the auspices of the Airway Science Curriculum Committee of the University Aviation Association (UAA) to conduct academic site visits for FAA Recognition of Airway Science Curricula and Programs at:

Lane College, Eugene, Oregon 21st – 22nd Oct. 1996

Wilmington College, Wilmington, Delaware 26th – 28th Nov. 1995

University of Hawai'i - HCC Campus, 4th – 9th May 1994
Honolulu, Hawai'i.

Daniel Webster College, Nashua, NH. 23rd – 25th June 1993

Houston Intercontinental Airport 7th November 1992

Served as a *pro bono* consultant to evaluate Triennial Simulated Airport Emergency Exercise at Bush Intercontinental Airport (IAH).

POSITIONS

HELD:

President, Safety Division, ATMAE 2017 – Present
Chairman, ATMAE Foundation 2023 – Present
Chairman, Transportation Research Board, Standing Committee on Airport Terminals and Ground Access ([AV050](#)) 2020 – 2025
Chairman, Citations and Recognitions Committee, 2007 – 2015
Chairman, Associate and Assistant Deans Committee 2009 – 2011
Member, Industry Advisory Board, Polaris Academy 2008 – Present
Member, Transportation Research Board, Standing Committees on: Aviation System Planning; Airplane\Airport Compatibility 2002 – 2020
 ACRP Synthesis Panels 2008 – Present
Trustee, Council on Aviation Accreditation (now AABI) 2004-2007
President, University Aviation Association (UAA) 1997- 1998
Treasurer, University Aviation Association 1995 - 1996
Member, National Academy of Sciences, National Research Council Committee on Education and Training for Civil Aviation Careers (CETCAC) 1995 - 1996
Chairman, Airway Science Curriculum Committee 1994 - 1996
Advisory Board, Sterling H.S. Aviation Magnet Program 1990-2001
Member, the FAA's National Aviation Rulemaking Advisory Committee (ARAC) on Airport Certification. 1994 – 2000

COMMUNITY

ORGANIZATIONS:

Advisory Board 2001 – Present, and **Executive Board** 1996-2001
 Wings Over Houston Airshow Festival, Inc., Houston, Texas
Member, Kiwanis Club of Stow-Munroe Falls, Ohio 2003-Present
Member, Kent State University Centennial Committee, 2005 – 2011
Member, Kent State United Way Steering Committee, 2004–2011
Chairman, Aviation Heritage Fair, Kent State Airport 2006-2008
Advisory Board, United Cerebral Palsy's Houston High School/ High Technology Program 1998-2001

HONORS AND

AWARDS:

[Wheatley Award](#), University Aviation Association Oct, 2014
AABI Certificate for Leadership and Service July 19, 2007

Phi Beta Delta, Honor Society for International Scholars April 2006
Golden Link Award, University Aviation Association Sept. 2006
McNair Award, National Award by FAA Employees August 2004
Compass Award, Six District Educational Compact August 2003
President's Award, University Aviation Association Sept., 1998
Eisenhower Transportation Fellowship Award April 13, 1995
Minority Scholarship Lecturer; Central Missouri State University, Warrensburg, Missouri. February 17, 1995
FAA Administrator's Superior Achievement Award, Oct. 7, 1994
FAA Partner in Education Award, SW Region, December, 1995
Teacher of the Year Award, TSU School of Technology 1992-1993
Texas Governor Ann Richards Commendation Letter 1993
Houston Mayor Bob Lanier Commendation Letter 1993
Faculty Development Award, TSU. 1989, 1991 & 1994
Employee Award, Bush Intercontinental Airport. 1987-1988
McCauley Scholarship, University of Dubuque, Iowa. 1981-1982
Head Prefect, Adisadel College, Cape Coast. 1979-1980

REVIEWER OF SCHOLARLY JOURNALS:

Reviewer; Collegiate Aviation Review 1994 – Present
 Reviewer; Journal of Air Transport World Wide 2000 – Present
 Reviewer; Transportation Research Board 2002 – Present
 Editorial Board; International Journal of
Aviation Management 2012 – Present
 Reviewer; International Journal of Aviation,
Aeronautics and Aerospace 2014 – Present
 Reviewer; Journal of Aviation Technology
and Engineering 2014 – Present

Reviewer; “Framing the MH17 Disaster – More Heat than Light?”
International Journal of Aviation Management due: 18th August 2015

Reviewer; “Examining the Organizational Dynamics of Successful
 Secondary Aviation/Aerospace Education Programs.” International
Journal of Aviation, Aeronautics and Aerospace 2nd March 2015

Reviewer; “The Impact of Human Factors for Student Pilots in
 Approved Flight Training Organizations in Korea.” International
Journal of Aviation, Aeronautics and Aerospace 1st March 2014

Reviewer; “A Trustworthiness of Commercial Airline Pilots (T-
 CAP) Scale for American Consumers.” Journal of Aviation
Technology and Engineering 11th December 2014

Reviewer; “Factors that Influence the Success of a KM-Program in
 a Small-Sized Airport.” International Journal of Knowledge
Management 15th November 2014.

Reviewer; “Aviation Sustainability through Electric Propulsion: The
 Research and Design Project.” Collegiate Aviation Review 16th July
 2014

Reviewer; “Developing a Contingency Plan for Extended Ground
 Delays at Lambert International Airport.” Collegiate Aviation Review
 21st August 2011

Reviewer; “Resource Allocation of Federal Grants for Safety Related
 Purposes.” Collegiate Aviation Review 3rd September 2010

Reviewer; "Online Social Networking: How Students Connect in a
 Time of Need." Paper number S08C. Collegiate Aviation Review 3rd
 February 2008.

Reviewer; “Industry Members Evaluate the Strengths and Weaknesses
 of Aviation Management Graduates.” Collegiate Aviation Review
 20th May 2006

Reviewer; “Safety Management Systems.”
Journal of Air Transport. 7th February 2007.

Reviewer; “Analysis of System-wide Investment in the National Airspace: A Portfolio Analytical Framework and an Example.” Journal of Air Transport 8th November 2005.

Reviewer; “BWIA West Indies Airways Limited: An Analysis of the operation of an Airline in a Small Island Developing State.” Journal of Air Transport, 8th May 2004

Reviewer; “Airports in Competition: New Approaches to Predicting Passenger Behavior.” Journal of Air Transport, 3rd October 2003

Completed review of the following scholarly articles and research reports under the auspices of the **Transportation Research Board (TRB)**, **National Academy of Sciences**, Washington, D.C.

Reviewer; “Augmented Stochastic Multiple Imputation Model for Airport Pavement Missing Data Imputation.” TRB # 14-1516. 10th September 2013.

Reviewer; “Multi-Criteria Approach to Evaluate Airport Safety Level.” Tiago José Menezes Gonçalves, Anderson Ribeiro Correia and José Francisco Barboza Lobianco, Aeronautics Institute of Technology, Brazil 10th September 2013

[Reviewer; “A Study to Determine the Effect of Pavement Damping Aircraft Speed on Stress-based Load Transfer Efficiency using 3D Finite Element Analysis.”](#) TRB # 12-0699 15th September 2011

Reviewer; “Airport Ground Access: Issues and Policy.” TRB # 11-0780. Thomas Budd, Stephen Ison, Tim Reilly, Loughborough University, Leicestershire, England, UK. 15th September 2010

Reviewer; “Control Strategies for Departure Process Delays at Airport Passenger Terminals.” TRB # 11-0794. Chang-Ing Hsu and Nai-Wen Hsu, National Chiao Tung University and Ching-Cheng Chao, National Kaohsiung Marine University, Taiwan 15th September 2010

Reviewer; “Examination of US and UK Attitudinal Statements Regarding Air Travel and the Environment.” TRB # 10-0696. Tim Ryley, Jonathan Burchell and Lisa Davidson, Loughborough University. Leicestershire, England, UK 16th September 2009.

Reviewer; “Passenger Surveys as a Tool for Level of Service Analysis at Airport Terminals.” TRB # 10-2485. Giovanna Miceli Ronzani Boville, Aachen University, Germany and Anderson Ribeiro Correia, Aeronautical Institute of Technology, Brazil 14th September 2009

Reviewer; "Measuring Willingness to Pay for a Cyber-Car Service at Baltimore International Airport: A Non-Parametric Random Coefficient Approach." Cinzia Cirillo and Pratt Hettrakul, University of Maryland and Fabian Bastin, Universite de Montreal, Canada – 26th August 2008

Reviewer; "An Assessment of Modes to Estimate Vehicle Trip Ends Generated by Airports." Srinivas S. Pulugurtha, Venkata R. Duddu and Venkata P. Velpurri, UNC-Charlotte. 14th September 2007

Reviewer; "Using Focus Groups to Deepen Understanding of Air Travel Behaviour." Reilly, Tim and Lisa Davison, Loughborough University, Leicestershire, England, UK. – 14th September 2007

Reviewer; "Model for Recirculating Traffic." TRB # 07-0396. Dixit, Vinayak and Essam Radwan. 6th September 2006

Reviewer; "Posterior Analysis of Random Taste Coefficients in Air Travel Choice Behavior Modeling." TRB # 07-0165. Hess, Stephane 15th September 2006

Reviewer; "Exploring Characteristics of Airport Access Mode Choice in Korea." TRB # 07-2582. Choo, Sangho, Ikki Kim and Soyoung Yon 19th September 2006

Reviewer; "A New Approach to Evaluate the Efficiency of Airports Using DEA and the Concept of Inverted Frontier." TRB # 07-2547. Guedes, Eric Cezzane Colen, Rodrigo Prado dos Santos and Anderson Ribeiro 19th September 2006.

Reviewer; "The Development of International Air Links by Regional Airports in New Zealand." TRB # 06-0053. 5th September 2005

Reviewer; "Modeling Airport Ground Access Mode Choice Behavior in Hong Kong." TRB # 06-1935. 5th September 2005

Reviewer; "Development of an Airport Choice Model for General Aviation Operations." TRB # 06-2279. 5th September 2005

Reviewer; "Predictive Reliability of Airport Ground Access Mode Choice Models." TRB # 06-2760. 5th September 2005

Reviewer; "The Potential of Buoyant Aircraft for Passenger Transport." Warren J. Whitney and Margaret O'Mahoney, Aviation System Planning Committee (AV020), Transportation Research Board, 2004 Annual Meeting, National Academy of Sciences.

Reviewer; "Small Aircraft Transportation System Modal Choice Analysis." Massoum Moussani and Jaime A. Vargas. Aviation System Planning Committee (AV020), Transportation Research Board, 2004 Annual Meeting, National Academy of Science.

Reviewer; “An Experience of Construction and Operation of the Incheon Airport Exclusive Expressway by Private Capital.” Hyungkoo Yeo, Ministry of Construction and Transportation, Korea, Sigon Kim, Nam Seoul University, Chonan, Korea, and Sanghoon Bae, Pukyong National University, Pusan, Korea. Transportation Research Board Committee on Airport Terminals and Ground Access (AV050). Fall, 2002.

Reviewer; “Air Traveler’s Stated Preferences towards New Airport Landside Access Mode Services.” Hussein Chebli, Kellogg Brown and Root, Houston and Hani Mahmassani, University of Maryland. Transportation Research Board Committee on Airport Terminals and Ground Access (AV050). Fall, 2002.

EVALUATION OF PROPOSALS:

Evaluated Consultant’s Proposals for the “Airport Sustainability Practices” Synthesis Panel, Airport Cooperative Research Program (ACRP 11-03) Transportation Research Board, National Academy of Science, Washington, D.C. Thursday, 12th March 2015

Evaluated proposal packages from contractors who were bidding on the contract to complete an Airport Master Plan Study for Kent State University Airport (1G3). Office of the University Architect, Kent State University, Harbours Hall. 26th March 2012

Evaluated Qatar Aeronautical College’s Policies and Procedures Manual and their Institutional Effectiveness Manual to develop academic programs in Flight, Maintenance, Meteorology and Air Traffic Control out of vocational programs. 2011-2012

Served on the review panel and reviewed proposals submitted under the category of “Airport Management and Planning” in the 2009 FAA Design Competition for Universities organized by the Virginia Space Grant Consortium on 16th March 2009 at the Federal Aviation Administration, Washington, DC. 14th May 2009

Evaluated Consultant’s Proposals for “Airport System Planning” Synthesis Panel, Airport Cooperative Research Program (ACRP) Transportation Research Board, National Academy of Science 2008

Evaluated proposals for the "Challenge Grants for Technology in Education Program" for the U.S. Department of Education at NASA-Johnson Space Center, Houston, TX July, 1996

Evaluated Airway Science Curricula & Program Proposals in support of site visits for FAA Recognition of Airway Science Programs at:

1. Lane College, Eugene, OR. 21st – 22nd Oct 1996
2. Delaware Technical Community College, Wilmington Campus, DE. 26th – 28th Nov 1995
3. University of Hawai'i - HCC Campus, Honolulu, Hawai'i. 4th – 9th May 1994
4. Daniel Webster College, Nashua, NH. 23rd – 25th June 1993

Evaluated Scholarship Application Proposals for the Region VI University Transportation Center Scholarship Award. Transportation Research Board, as follows:

1. TSU Center for Transp. Training and Research Dec. 14, 1992
2. UT School of Engineering, Austin, TX Dec. 16, 1991

PANELIST:

May 19 2015

Panel presentation on “Analytical Review of the Evolution of Airport Classification: The US System under FAA and the International System under ICAO.” 2015 Ninth Triennial National Aviation System Planning Symposium (NASPS). Transportation Research Board, Wild Dunes, Isle of Palms, Charleston, SC.

March 25 2015

Panel presentation on “Aviation and MST Education Programs and Awareness Development in High Schools and Colleges: The Future Aviation Workforce Pipeline.” U.S.–South Africa Aviation Forum: The Future of Aviation Leadership. Radisson Blu Hotel, Waterfront, Cape Town, South Africa. Organized by the US Trade and Development Agency, USDOT and AAAE.

February 26 2015

Panel presentation on “Airline Business Strategies, Network Operations and Airline Marketing.” Industry-Educator Forum, Educator Response Panel 1. 2015 AABI Winter Meeting. Auburn University Hotel and Conference Center, Auburn, AL.

January 13 2015

Panel moderator and organizer; “The Adoption of Light-Emitting Diode Lighting by Airports: Planning and Design Issues.” 94th Annual Meeting of the Transportation Research Board. 143A Walter E. Washington Convention Center, Washington, D.C

January 12 2015

Panel presentation on “Overview and Analytical Trend of Airline Consolidation: Corollary Effects on Commercial Service Airports.” 94th Annual Meeting of the Transportation Research Board. 143A Walter E. Washington Convention Center, Washington, D.C.

May 20 2014	Panel moderator and organizer; “Cover Letters, Résumés and Interviews: What the Experts Say” 86 th Annual AAAE Conf. and Exposition, Gonzalez Convention Center, San Antonio, TX
May 21 2013	Panel organizer and presentation on “Effective Strategies for Résumé Preparation and Interviews.” 85 th Annual AAAE Conf. and Exposition. Reno Sparks Convention Center, Reno, NV
May 22 2012	Panel moderator and organizer; “The Latest on Air Service Changes and Impacts.” Concurrent Session A1, Eighth Triennial National Aviation System Planning Symposium, Transportation Research Board, Galveston, TX
May 15 2011	Panel presentation on “Airline Consolidations: Clear Skies or Stormy Weather for Airports.” 83 rd Annual Conference and Exposition of the American Association of Airport Executives (AAAE), Georgia World Congress Center, Atlanta, GA
January 25 2011	Panel presentation on “Preventing Wildlife Strikes at Airports: Integrated Approach to Managing a Dynamic Risk Problem.” 90 th Annual Meeting of the Transportation Research Board, National Academy of Science, Shoreham Hotel, Washington.
May 18 2010	Panel presentation on “Please Don’t Feed the Aircraft: How to Minimize Wildlife Strikes at Your Airport.” 82 nd Annual Conference and Exposition of the American Association of Airport Executives, Hilton Anatole, Dallas-Fort Worth, TX
January 12 2010	Panel moderator of “Enhanced Integration of Proposed High-Speed Passenger rail Service into Aviation System Planning.” 89 th Annual Meeting of the Transportation Research Board (TRB 576), National Academy of Science, Omni Shoreham Hotel, Washington, D.C.
June 16 2009	Panel presentation on “Brand: You – Marketing Yourself in the New Media.” Professional, résumé and network development in the On-line Community. 81 st Annual Conference and Exposition of the American Association of Airport Executives (AAAE), Pennsylvania Convention Center, Philadelphia, PA
June 3 2008	Panel presentation on "The Role of Commercial Aviation in Global Development." International Conference on Innovations in Higher Education Institutions and its Benefits to Industry, Rixos President Hotel, Astana, Kazakhstan. Met with the Minister of Science and Education, the Hon. Zhanseit Tiymbayev, before delivering the presentation and the Prime Minister of Kazakhstan, the Right Honorable Karim Masimov, after delivering the presentation.
February 21, 2008	Panel presentation on "Airport Management: Elements of Success." AABI Industry Educator Forum, Educator Response Panel, AABI Winter Meeting, Mesa, AZ 21 st February 2008

March 22, 2007	Panelist; International Women's Air and Space Museum Career Exploration Outreach Workshop for high school girls. Forum Conference Center, One Cleveland Plaza. 22 nd March 2007.
April 21, 2006	Panel presentation on "Effective Résumé Preparation and Interviewing Skills in Aviation." Aeronautics Career Conference, Inter American University, San Juan, Puerto Rico.
April 27, 2004	Panel Moderator and Committee Member: "Comparative Perspectives on Homeland Security and Democracy." Kent State University 2004 Symposium on Democracy, Kiva, Kent, OH
February 18-20, 2004	Panelist: Industry-Educator Forum; "Beyond Technical Skills: Requirements for Graduates of the Future" and Tiger Team Presentation on "Strategies for Increasing Membership." Council on Aviation Accreditation (CAA) Winter Meeting, Airbus North America Customer Services Center, Miami, FL
September 30, 2003	Panel Organizer and Moderator: "21 st Century Challenges and Trends in Aviation." Centennial Lecture of the Kent State Aviation Alumni Lecture Series (KSAALS). Governance Chambers, Kent State University, Kent, OH
April 2003 to September 2002	Organized and moderated the following workshops and seminars as panel presentations under the auspices of the Kent State Student Chapter of the American Institute of Aeronautics and Astronautics:
April 11 2003	Workshop on Aviation Careers Ms. Dominique Sorbo, CLE Automated Flight Service Station Dr. Edward Overchuk, Captain, US Airways Express
November 25 2002	Industry Seminar and Workshop on Aeronautics Mr. David Scaife, President, Engine Division, Argo Tech Corp. Mr. Timothy Scaife, Engineer, GE Aircraft Engines
November 15 2002	2 nd Annual AIAA Résumé Workshop in Aviation Ms. Robyn Gordon, Chief of Human Resources, NASA Glenn RC Ms. Diane Duly, Staffing Specialist, NASA Glenn Research Center Mr. Michael Goins, Co-op Coordinator, NASA Glenn RC Mr. Michael Bierdrzycki, President, CMC, Corry, PA Captain Scott Davis, Continental; Airlines, Cleveland
September 19 2002	Lecture on "Advanced Development Projects – The Skunk Works" Mr. Marc O'Brien, Research Engineer, Lockheed Martin
November 16 2001	Panel Organizer and Moderator: "Operational Safety in the National Airspace System after 11 th September." in partnership with the FAA. School of Technology Auditorium, Kent State University.

May 19, 1998	Lead Panelist and Moderator: "College and University Aviation Maintenance Technician and Pilot Training Programs" at the 1998 Regional Airline Association Annual Convention, Minneapolis Convention Center, Minneapolis, MN. Led a panel of aviation professors from Purdue University, Southern Illinois University, Northern Michigan University and the Council on Aviation Accreditation (CAA) to present at the Regional Airlines Association (RAA) Convention.
March 27, 1998	Lead Panelist. "University Aviation Programs and Career Preparation in Aviation." 31 st National Congress on Aviation and Space Education (NCASE '98). Adam's Mark Hotel, St. Louis, MO.
October 30, 1997	Panelist; Symposium on "Partnering to Strengthen Leadership Skills for the New Millennium." National Forum for Black Public Administrators – Houston Chapter and Texas Public Workers Association – SE Branch. E. B. Cape Training Center, Houston, TX.
April 5, 1997	Panel presentation on; "The Career Pipeline for Aviation Education." 30 th National Congress on Aviation and Space Education (NCASE '97) Westin Oaks Galleria, Houston, TX.
October 7, 1994	Panel presentation on; "Aviation Education Pipeline." UAA Fall Education Conference. New Orleans, LA.
July 22, 1994	Panel presentation on; "Overview of Transportation Research Initiatives at TSU." Airway Science-Industry Partnerships Roundtable Conference. FAA Technical Center, Atlantic City, NJ.
March 29, 1994	Panel presentation on; "Role of Internship Programs in Airport Management." American Association of Airport Executives (AAAE), South Central Chapter Conference, South Shore Harbor, TX.
September 17, 1992	Panelist; workshop on "Non Traditional Careers in Transportation." Business Opportunity Symposium Series V (BOSS V), Austin Convention Center, Austin, TX.
November 13, 1991	Panelist; "Transportation Forum - Critical Issues and Problems." Urban Mass Transit Administration (UMTA) Conference, Texas Southern University, School of Technology, Houston, TX.
July 19, 1991	Panelist; "Open Forum Session: Questions and Answers." Airway Science National Symposium. Washington, DC.
May 15, 1991	Panelist; "Enhancement of Internship Programs at Large Airports." American Association of Airport Executives (AAAE). 63 rd Annual Conference and Exposition, Phoenix, Arizona.
November, 1990	Panelist; "International Relations Issues." Texas Southern University (TSU) 2020 Conference on "Developing Partnerships and Building Futures."

**TEACHING
ACTIVITIES:**

Courses taught at the University of Louisiana, Monroe, LA

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|--------------------------------------|-----------|
| 1. AVIA 101 Introduction to Aviation | 1983-1986 |
| 2. AVIA 113 Introduction to Flight | 1983-1986 |

Courses taught at Texas Southern University, Houston, TX

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| 1. AWS 101 Introduction to Aviation | 1988-1995 |
| 2. AWS 102 Aviation History | 1989-1995 |
| 3. AWS 113 Introduction to Flight | 1989-1995 |
| 4. AWS 201 Flight Meteorology | 1992-2000 |
| 5. AWS 351 Aviation Law | 1990-2001 |
| 6. AWS 371 Airport Management | 1988-2001 |
| 7. AWS 381 Air Carrier Management | 1989-2001 |
| 8. AWS 404 Flight Safety | 1990-2001 |
| 9. AWS 406 National Airspace System | 1995-2001 |
| 10. AWS 407 Aviation Services Operations | 1990-2001 |
| 11. AWS 495 Field Work Practicum in AWS | 1990-2001 |

Courses taught/supervised* at Kent State University, Kent, OH

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|---|-------------|
| 1. AERN 15000 Introduction to Aeronautics | 2001– 2012 |
| 2. AERN 35031 Air Transportation Industry Regulation | 2019 – |
| 3. AERN 35339 Fixed Base Operator Operations | 2020 – |
| 4. AERN 35340 Airport Management | 2001– |
| 5. AERN 35341 Air Transportation Systems | 2020 – |
| 6. AERN 45040 Labour Relations in the Aviation Industry | 2021– |
| 7. AERN 45092 Aero Internship and Coop* | 2003 – |
| 8. AERN 45096 Individual Investigation in Aero* | 2002 – |
| 9. AERN 45291 Aerospace Senior Seminar | 2002 – 2015 |
| 10. AERN 5/45791 Aviation Security Policy Seminar | 2004–2008 |
| 11. AERN 51055 Industrial Practice* | 2005 – |
| 12. AERN 61091 Aerospace Seminar | 2007 – |
| 13. AERN 65300 Airline Transport Operations | 2005 – |
| 14. AERN 65496 Ind. Invest.– Aerospace Technology* | 2004 – |
| 15. HONR 40099 Senior Honors Thesis* | Fall 2005 |
| 16. TECH 51055/50092 Industrial Practice* | 2005/2019 |
| 17. TECH 61095 Special Topics in Technology | 2007 – |
| 18. TECH 61098 Research* | 2002 – |
| 19. TECH 61199 Thesis* | 2010 – |
| 20. US 10096 Individual Investigation* | Summer 2008 |

**OTHER
TEACHING
ACTIVITIES:**

Taught professional development courses in airport management as a consultant to the administrative, managerial, operational and supervisory level staff of the Houston Airport System at Houston Bush Intercontinental Airport (IAH) from 1999 to present.

Taught "Basic Aerodynamics" to students participating in the Camp Discovery Program at Polaris Academy on Wednesday and Thursday, 11th and 12th June 2008

Worked with Aeronautics Faculty, Office of Regional Development, and the COT's MSBDC Manager to prepare a training program for teaching Lockheed Martin employees to support Unmanned High Altitude Aerostat flights, Akron Fulton Airport, September 2006.

Conducted an Industrial Practice (TECH 51055) Site Visit for Captain Jackson Seltzer, graduate student with Aeronautics concentration in the Master of Technology degree program at the Continental Airlines Flight Training Center, Houston Bush Intercontinental Airport, Houston, Texas. 18th November 2005.

Taught Aviation Management and Airport Operations to a delegation of 18 aviation executives from Shanghai Airport Authority at the invitation of the Houston Airport System and Global Unisource, Inc. at the Cape Center in Houston on Mon–Fri, 6th – 10th October 2003.

Airway Science Program – Texas Southern University 1988-2001

Coordinated all instructional and academic activities in the Airway Science Program (AWS). Scheduled AWS courses to meet students' needs. Served as academic advisor for all Airway Science students. Provided counseling to Airway Science students in selecting courses each semester and then directly registered Airway Science students with the aid of the University's BANNER (formerly POISE) computer system. Helped initiate and assisted with the graduation application and evaluation process for graduating Airway Science seniors during the fall and spring semesters and the summer session.

Taught basic aerodynamics to high school students in the summer during Aviation Career Education (ACE) academies established by the Federal Aviation Administration 1990 – 2000.

Supervised the installation, diagnostic testing and initial operation of five air traffic control simulator work stations, and associated five pseudo pilot monitoring stations in the ATC Laboratory at the Airway Science Center. Subsequently completed trouble shooting of the Air Traffic Control Simulator System's function, and worked with the system's manufacturer in Boston to resolve interface problems and reconfigure air traffic scenarios.

Worked with Mr. Carl Porter (TSU Airway Science alumnus) and Ms. Bernadette Session, professional air traffic controllers, from the Houston Air Route Traffic Control Center (ARTCC), to integrate TSU's Air Traffic Control Simulator System into coursework for the air traffic control courses and their associated laboratory sessions (AWS 221, AWS 321 and AWS 321L) 1998.

Served as Research Project Advisor and Mentor of the International Development Studies Program (IDSP) for the Mickey Leland Scholars Initiative Program. Texas Southern University 1990–2000.

**TEACHING
MATERIALS
DEVELOPED:**

Worked with Lockheed Martin personnel to develop courses and curricula for Qatar Emiri Air Force Academy 2012-2013

Worked in concert with Aeronautics faculty to develop new courses and a new curriculum for the new Area of Concentration in Air Traffic Control under the auspices of the FAA's Air Traffic Collegiate Training Initiative (AT-CTI) Program. Fall 2007.

Worked in concert with Prof. Czayka and FAA representatives from the Cleveland Flight Standards District Office (CLE FSDO) to develop a new curriculum for an Aviation Maintenance Technician (AMT) program at KSU Ashtabula. The proposed AMT program received preliminary approval by the Ohio Board of Regents on 9 April 2003 after approvals by the Provost's Office and EPC. The Ashtabula campus elected to cease establishment of the AMT program due to national economic changes – Spring 2009

Prepared detailed course syllabi, study aids, essay examinations, course handouts, case studies and associated projects for each of the courses listed previously under teaching activities. The said course syllabi conform with the accreditation guidelines of the Council on Aviation Accreditation (CAA) and the National Association of Industrial Technology (NAIT) from which the Airway Science Program received accreditation in 2006.

Co-authored an aviation history textbook (*History of Aviation: An American Experience*. Edited by Brady, Tim. Southern Illinois University Press 2000), which served as the primary text in AWS 102- Aviation History and as the supplementary textbook in TECH/AERN 15000 – Introduction to Aeronautics.

Authored an internship/cooperative education and evaluation manual for students working as interns or co-ops and taking the AWS 495 – Field Work Practicum in Airway Science course at Texas Southern University (1990-2001); and TECH 33056 – Coop Education and Professional Development, TECH 45092 – Aeronautics Internship & Coop, and TECH 41055/51055 – Industrial Practice Aeronautics at Kent State University (2001 – Present).

RESEARCH:

Significant research work involved sustainability practices in aviation as a member of the Synthesis Panel for the FAA/TRB Airport Cooperative Research Program (ACRP) project on ACRP 11-03 Topic 02-14 – Airport Sustainability Practices.

Research involvement included airport operations and aviation management with a particular emphasis on (i) airport environmental issues associated with renewable forms of energy under the auspices of the 2007/2008/2009/2010 FAA Design Competition for Universities and (ii) aviation system planning under the auspices of ACRP 11-03 / Synthesis 03-04 – Aviation System Planning.

Worked with student teams on research projects that produced three winning teams in 2010, one winning team in 2009 and two winning teams in the 2008 FAA Design Competition for Universities.

Team One's proposal on "Light Emitting Diodes: An Efficient Choice for Airfield Lighting" won second place nationally in the Airport Environmental Interactions Challenge category and Team Two's proposal on "Runway Status Light System: Augmentation of Lasers and the Replacement of ASDE-X with an ADS-B Operating Matrix received honorable mention nationally in the Runway Safety/Runway Incursions Challenge category.

Published research work is focused on intermodalism at airports, the theory of *functionalism* and the International Civil Aviation Organization (ICAO).

RESEARCH GRANTS AND PROPOSALS WRITTEN:

Author and Principal Administrative Contact: "Interdisciplinary Proposal to host the Fulbright Visiting Scholar Program in Science and Technology for Iraq – 29th June–6th September 2014." 4th Dec. 2013. Institute of International Education, Council for International Exchange of Scholars, US Department of State, Washington, DC. \$132,500 for 10 Fulbright Visiting Scholars. Not funded.

Co-authored proposal to offer the B.S. degree in Aeronautics (Concentrations in Aeronautical Studies and Air Traffic Control) in partnership with a Lockheed Martin consortium at Qatar Emiri Air Force Academy in 2013-2018 for \$80,805,743 28th Feb. 2013
Selected for contract award and funding.

Lead Author and Principal Investigator: Proposal on "Renewable Energy as an Airport Revenue Source." ACRP 01-24. 29th January 2013. Transportation Research Board, Washington, DC. \$400,000 Not Funded.

Author and Principal Administrative Contact: "Interdisciplinary Proposal to Host the Fulbright Visiting Scholar Program in Science and Technology for Iraq – 29th June–7th September 2013." 5th December 2012. Institute of International Education, Council for International Exchange of Scholars, US Department of State, Washington, DC. \$97,500 for seven Fulbright Visiting Scholars. **Funded at \$125,680** for nine Fulbright Visiting Scholars (\$102,600 Sponsor; \$23,080 KSU)

Author and Principal Administrative Contact: "Interdisciplinary Proposal to Host the Fulbright Visiting Scholar Program in Information Technology for Libya – 7th July–11th September 2013." 5th December 2012. Institute of International Education, Council for International Exchange of Scholars, US Department of State, Washington, DC. \$133,907 for 10 Fulbright Visiting Scholars. **Funded at \$68,607** for four Fulbright Visiting Scholars (Sponsor \$57,000.00; KSU \$11,607)

Co-author, proposal for funding to host “Nikki Kukwa Memorial Aviation Camp: Giving Wings to Future Female Aviators.” Sporty’s Pilot Shop, Sportsman’s Market. 25th May 2012. \$9,002.84. **Funded at \$1,000.**

Co-author; proposal to establish “Partnership to Enhance General Aviation Safety, Accessibility, and Sustainability (PEGASAS),” a new FAA Center of Excellence in General Aviation. 27th February 2012. Lead institution: Purdue University. **Selected for funding.**

Author and Principal Administrative Contact: “Interdisciplinary Proposal to Host the Fulbright Visiting Scholar Program in Science and Technology for Iraq – 7th July – 15th September 2012.” 14th December 2011. Institute of International Education, Council for International Exchange of Scholars, US Department of State, Washington, DC. \$99,613 for seven Fulbright Visiting Scholars. **Funded at \$136,223** for 10 Fulbright Visiting Scholars (\$108,000 Sponsor; \$28,223 KSU)

Co-author and DBE: Research Proposal on “Creating a Collaborative Environment between Airport Operations and Maintenance Departments” ACRP 10-11. 22nd February 2011. Transportation Research Board. Washington, DC. \$399,915. Not funded.

Co-author and DBE: Research Proposal on “Evaluating and Mitigating the Risk of Disease Transmission at Airports and on Aircraft” ACRP 02-20A. 14th January 2011. Transportation Research Board, Washington, DC. \$199,996.48. Not funded.

Co-author and Principal Investigator: Research Proposal to Provide an “Interoperable Benefit Analysis Management (IBAM) System.” 23rd December 2010. Federal Aviation Administration’s Program on Collaborative Decision Making. \$447,603.63. Not funded

Co-author and Principal Investigator: Research Proposal on “Considering and Evaluating Airport Privatization” ACRP 01-04. 21st January 2010. Transportation Research Board, Washington, DC. \$500,000. Not funded.

Author; grant proposal for targeted legislative funding to establish the “**Center for Regional Excellence in Aviation Training and Education (CREATE)**,” which requested **\$5million** to support the following academic programs in aviation research and education;

1. **ACATAF** - Aeronautical Center for Air Traffic and Flight at Kent Campus – \$3m
2. **AMTEC** - Aviation Maintenance Technology Education Center at Kent State - Ashtabula– \$1m and
3. **FATSES** - Flight and Air Traffic Simulation Equipment and Software – \$1m (5th January 2008)

Collaborated with Ms. Julie Wyse of Williams Aviation FBO to prepare a proposal for Ohio Senator Brown and Ohio Representative Ryan on behalf of the AAIR Tech Jobs project, which sought \$800,000 in funding in FY2008 through the Commerce Department, under the Economic Development Administration to fund internships and cooperative education for Kent State University Aeronautics students at Williams Aviation FBO. 19th April 2007

Co-author: research proposal on "Assessing International Gateway Airports' State of Readiness for New Large Aircraft." ACRP– Airport Cooperative Research Program. FAA-TRB Washington, DC. \$350,000. 02/170/04. Recommended for funding on 22nd June 2005.

Coauthor: research proposal on "Synthesis and Critical Examination of Developments in Aircraft and Airport Compatibility." Airport Cooperative Research Program. Federal Aviation Administration – Transportation Research Board, Washington, DC. \$400,000. 20th February 2004. Recommended for funding on 22nd June 2005

Co-author: research proposal on "An Invitation to the Future of General Aviation." in partnership with Ohio Aerospace Institute for the Small Aircraft Transportation System (SATS), NASA Langley Research Center, Hampton, VA. 7th Nov 2001. \$40m. Not funded.

Author: proposal on "Airport-Related Traffic and Mobile Emission Implications." Texas Department of Transportation (TxDOT) 28th March 2001. **\$145,000. Funded** by TxDOT.

Co-author: proposal to provide a "Summer Youth Employment Program in Aviation" (SYEPA 2000) at the Airway Science Center, Texas Southern University June 12-July 21, 2000. Proposal submitted on 17th December 1999. **\$64,000 Funded** by Harris County Community Development Department in April 2000.

Co-author: proposal to provide "Education and Training Services through an Airport Management Course for Employees of the Houston Airport System (HAS)" under the City of Houston's Professional Development Contract Program. **\$21,900 Funded** by the Houston Airport System. Summer 1999, fall 2000, spring 2001

Co-author: proposal to provide a "Summer Transportation Institute" at Paul Quinn College in Dallas and TSUs Airway Science Center. Summer Transportation Institute National Resource Center, USDOT Submitted proposal through the Texas Transportation Institute at Texas A&M University. \$31,462. **Funded** by USDOT. March 1999

Co-author and Project Coordinator: "Airway Science Improvement Project"- Office of Higher Education and Training (AHT), Federal Aviation Administration. **\$ 1,111,393** July, 1991 - 2000 **Funded** by the Federal Aviation Administration.

Author and Principal Investigator: research project on "Enhanced Integration of Multi Modal Ground Transportation with Air Transportation at Selected Major Air Carrier Airports" - **Funded** by the Texas Governor's Energy Office - Oil Overcharge Funds through the Region VI University Transportation Center, U.S. Department of Transportation. **\$30,000.** Published in January, 1995.

Author, Principal Investigator and Project Director: "Aviation Career Education (ACE) Academy" offered each July at TSU's Airway Science Center. **Jointly funded** by the FAA - SW Region, the Organization of Black Airline Pilots (OBAP) and the Wings Over Houston Airshow, Inc. Summers, 1994 through 1998.

Co-author and Project Director: "Airway Science Distance Learning Center." Office of Higher Education and Training (AHT), FAA, Washington, DC. \$272,000. Not funded. 30th July 1992.

Author and Principal Investigator: "Strategies for the Enhancement of Aviation Management Education Among Aspiring Aviation Professionals"- Funds for the Improvement of Post-Secondary Education (FIPSE). Department of Education. Washington, DC. \$ 132,840. Not funded. 8th October 1991.

Author and Principal Investigator: "Enhancement of Aviation Management Education among Future Aviators"- FIPSE. \$150,000. Not Funded. 12th October 1990.

Co-author and Project Director: "Airway Science Laboratory Grant" Office of Higher Education and Training (AHT), FAA. Washington, DC. \$179,500. Not Funded. 16th June 1989.

PUBLICATIONS:

Co-author; *Airport System Planning Practices: A Synthesis of Airport Practice* Topic Panel; Airport Cooperative Research Program, Federal Aviation Administration and Transportation Research Board Washington, DC (TRB). ISSN 1935-9187, ISBN 978-0-09386-6. Library of Congress Control Number 2009902560 © 2009 TRB

Served as faculty advisor, co-authored and submitted six award winning proposals to the FAA Design Competition for Universities;

(1) “An Integrated System to Prevent Wildlife Strikes at Large Airports” 2010 Kent State University Team I: Second Place National Award and prize of \$1,500 in the Airport Operations and Maintenance Challenge category. The proposal is published at http://vsgc.odu.edu/ACRPDesignCompetition/competitionwinners/2010/2010Operations_secondplace.pdf. 14th April 2010

(2) “Lighting Airfields through Harvested Kinetic Energy from Vehicular Traffic” 2010 Kent State University Team II: Third Place National Award and prize of \$1,000 in the Airport Environmental Interactions Challenge category. 14th April 2010. The proposal manuscript is published at www.faa.gov or http://vsgc.odu.edu/ACRPDesignCompetition/competitionwinners/2010/2010Environmental_thirdplace.pdf

(3) “Use of Infrared Energy in an Integrated System for Aircraft Anti-icing at Airports” 2010 Kent State Univ. Team III: [Honorable Mention National Award and prize of \\$500 in the Airport Environmental Interactions Challenge Category](#). 14th April 2010

(4) “Going Green at Airports: The Use of Solar Energy and Wind Turbines to Generate Power at Airports.” 2009 Kent State Team I: Honorable Mention and prize of \$500 in the Airport Environmental Interactions Challenges: Increasing Energy Efficiency in the Management of Airports. 13th April 2009

(5) "Light Emitting Diodes: An Efficient Choice for Airfield Lighting." 2008 Kent State Team II: Second Place National Award and prize of \$1,500 in the Airport Environmental Interactions Challenge Category. 6th April 2008. Published at https://onlinepubs.trb.org/onlinepubs/acrp/docs/UniversityDesign/pdfs/CompetitionWinners/2008Environmental_secondplace_FP.pdf

(6) "Runway Status Light System: Augmentation of Lasers and the Replacement of ASDE-X with an ADSB Operating Matrix." 2008 Kent State Team I; Honorable Mention award and prize of \$500 in the Runway Safety/Runway Incursions Category. 6th April 2008

Co-author; “Jet Blast Wind Turbines: A Model for Reusable Energy at Airports.” *Collegiate Aviation Review*. [Signed copyright transfer and agreement to present](#) with Co-author Chris Gaudino 17th Jan. 2008.

Provided expert commentary on **National Public Radio's** nationwide program "**Morning Edition**" report on "**Air Traffic Controllers Show Odd Protests**" by Karen Schaefer on Friday morning, 6th July 2007

Completed and published the second issue of ***The Kent Aviator: Newsletter of Kent Aviation.*** Vol. 2, number 1. 2nd February 2007

Provided expert commentary at 6:20 a.m. during on-air live radio interview with Mr. Ray Horner of **WAKR Radio**, Akron, on the "**45th Anniversary of John Glenn's flight as the first American to orbit the Earth.**" 20th February 2007.

Supervised and worked on the preparation of a "**Report on Research Centers and Centers of Excellence Involved in Transportation Research**" by Josh Francosky for the Transportation Research Board Committee on Aviation System Planning (AV020). 8th September 2003.

Author; "**Categorical Grants as a Tool of Intergovernmental Relations: Evolution of National Airport Funding and the Airport Improvement Program.**" University of Houston, 2000, and Library of Congress, Washington, DC. 2002

Television Evening News Interview on "**Possible Merger: Continental Airlines and Delta Airlines.**" KPRC TV2 News at 6:00 p.m. (NBC Affiliate) A Post-Newsweek Station. 6th February 2001

Author; "African American Pioneers in Aviation" in ***History of Aviation: An American Experience.*** Edited by Tim Brady. Carbondale, IL; Southern Illinois University Press. 2000

Co-author; ***Taking Flight: Education and Training for Civil Aviation Careers.*** Edited by Oster, Clint and Janet Hansen. National Research Council. Washington, DC: National Academy Press, 1997. Rice Univ. Library Catalogue #: TL561.T35 1997

Author; "The Theory of Functionalism and the International Civil Aviation Organization (ICAO): An Analytical Assessment after the First Fifty Years" **Collegiate Aviation Review** Washington, DC: Aviation Week Group - McGraw Hill. September 1997

Author; ***Enhanced Integration of Multi Modal Ground Transportation with Air Transportation at Selected Major Air Carrier Airports.*** College Station, TX: SW Region University Transportation Research Center, Texas Transportation Institute. 1995. Rice Univ. Library Catalogue # HE 9797 4. A2 N48 1995

Co-author; ***Guidelines for Airway Science Coop and Internship Programs.*** Washington, DC: FAA Office of Higher Education & Training (AHT) 1993.

UNIVERSITY

GOVERNANCE:

Member, Citations and Recognitions Committee 2025 – 2028
 Chairman, Citations and Recognitions Committee, 2007 – 2015
 Chairman, Vision 21 Alumni Awards Committee, 2007 – 2017
 Chairman, Writing Intensive Course (WIC) Sub-committee of the
 University Requirements Curriculum Committee 2012 – 2015
 Chairman, Associate and Assistant Deans Committee, 2009 – 2011
 Member, [Search Committee for Dean of Graduate Studies](#) 2010
 Member, KSU Symposium on Democracy Committee 2003 – 2006
 Chairman, Technology Wall of Honor Cmte. (TSU), 1997–2001
 Chairman, Technology Lecture Series (TSU) 1991-93, 1998–2001
 Member, Institutional Purpose Committee of the Institutional Self
 Study Committee for SACS Re-accreditation (TSU) 1998 – 2001
 Committee to Select a new Dean for the School of Technology,
 Texas Southern University, Houston, Texas 1992-1993
 Co-Chair, Technology Recruitment and Retention Cmte. 1990- 93
 Chairman, Technology Honors Seminar, February, 1990 and 1991

ADMINISTRATIVE

EXPERIENCE: (1988 – Present)

Fulfilled all of the administrative and academic responsibilities as the sole Associate Dean of the College of Technology. Successfully fulfilled administrative and managerial responsibilities as the Senior Academic Program Director of Aeronautics in 2001-2008 and as the Director of Airway Science at Texas Southern University in 1988-2001. Primary responsibilities in both positions comprised diligent monitoring of the academic progress made by declared academic majors towards graduation; enrollment management and effective management of student progress in flight training; administration and management of operational budgets and AWS grant funds; development, administration and management of internship and cooperative education and training programs with employers from business, government and industry in aviation for program majors.

Successfully managed an annual budget of over 2 million dollars for the Aeronautics Program while maintaining positive balances and creating a fleet replacement fund that rose from zero to over \$650,000 between 2001 and 2008.

Helped develop an Institutional Articulation Agreement between Kent State University and the Civil Aviation Flight University of China (CAFUC) to establish 2+2 and 3+2 articulated degree programs in aviation. Signed by KSU Provost Todd Diacon and CAFUC Chancellor Zhu Yong in the Alumni Suites on 18th September 2012.

Created an Executive Flight Training Program at the request of Dean Simon Song for interested persons to obtain the Recreational or Private Pilot Certificate at Kent State Airport in 30 days at a cost of \$11,500 for flight training and \$1,000 in room and board costs. 23rd June 2012.

Accomplished the following four major institutional policy revisions as Chairman (2009-2011) of the Associate and Assistant Deans Committee during Academic Year 2010 - 2011, namely;
 (1) Revision of the Undergraduate Residence Policy - Effective Fall 2010 and (2) Revision of the Requirement Policy for the Undergraduate Course Destination Kent State: First Year Experience (US 10097) - Effective Fall 2011. Both passed EPC on 30th August 2010 and the Faculty Senate on 13th September 2010;
 (3) Revision of the Student Dismissal Policy and Operational Guidelines - Effective Spring 2011 and (4) Revision of the General Academic Forgiveness Policy - Effective Fall 2011. Both passed EPC on 24th January 2011, Faculty Senate on 31st January 2011 and were approved by the Board of Trustees on 9th March 2011.

Negotiated and executed an international Memorandum of Understanding (MOU) with assistance from the Vice Provost and Assistant University Counsel for aviation management students in the Aeronautics Program, College of Technology, Kent State University with the European Business School in Rheingau, Greater Frankfurt, Germany. 17th March 2009

Completed discussions with KSU Risk Management personnel and the KSU Insurance broker from Willis, Inc., on the renewal of aircraft insurance for 2008-2009, which resulted in \$4,846 savings over the premiums for 2007-2008

Organized and hosted a presentation by Mr. Curtiss Cox and Mrs. Dolly Oberoi from C² Technologies of Vienna, VA about establishing an academic partnership between the Oberoi Education Society and Kent State University to offer Kent State University's academic programs in India. Urban Conference Room, Executive Offices, Kent State University. 26th June 2008

Established an international flight training program for students from India through a partnership with Premier Flight Academy (PFA) at Akron Fulton Airport. The program was instituted by a KSU-PFA MOU signed by KSU President Lefton and Provost Frank on 12th May 2008. This was preceded by participation in the US-India Aviation Partnership Summit in New Delhi on 23rd – 25th April 2007 and a presentation with PFA's Captain Tony Rohloff on a KSU-PFA partnership to offer a non-credit "Commercial Pilot Workshop" for international students from India. Urban Room, 28th April 2008.

Organized and hosted a meeting with Mr. Steve Chrisman, Principal, Mr. Fritz Welker, Assistant Principal, and Mr. Doug Miller, Director of Outreach for the Polaris Career Center on 10th March 2008 to discuss areas of academic collaboration between the College of Technology and Polaris Career Center in a "high school-to-college" program. Led a delegation of four Aeronautics faculty and staff on a reciprocal visit to Polaris Career Center on 2nd May 2008.

Organized and led a delegation of Aeronautics faculty to Jefferson Community College (JCC) in Steubenville, Ohio for discussions on establishing a 2+2 program and academic partnership in Aeronautics between KSU and JCC. 29th February 2008.

Worked with colleagues on the Cleveland National Airshow (CNAS) Board and Charitable Foundation to create a CNAS scholarship program for Aeronautics students at Kent State University.

Organized and hosted a ceremony in partnership with the KSU Foundation Office and the Cleveland National Airshow to present three \$5,000-scholarships from the Cleveland National Airshow Charitable Foundation, Inc., to three Aeronautics students on 30th October 2007

Organized and held the Sixth and final Annual Flight Operations Retreat in 313 and 319 Kent Student Center on 31st August 2007

Organized and directed the Nikki Kukwa Memorial Aviation Camp (NKMAC) for high school girls and their mothers in collaboration with the International Women's Air and Space Museum with grant funds from the ALCOA Foundation on 10-13 July 2007. Received event coverage in the Record Courier on Monday, 9th July 2007.

Organized and worked in concert with the Dean of the College of Technology, Development Office personnel, Aeronautics alumni, faculty and students, as well as City of Stow personnel and representatives of the Stow-Munroe Falls Kiwanis Club, to host a successful 2006 Aviation Heritage Fair at Kent State Airport on Sunday, 10th September 2006. The *Stow Sentry* estimated attendance at 25,000. The 2006 Aviation Heritage Fair enjoyed a positive cash balance of over \$6,000. The Aviation Heritage Fair was organized and created to replace Aviation Day, which had been cancelled on grounds of financial losses by its lead organizers.

At the invitation of the FAA, prepared and submitted an academic proposal to offer an Air Traffic – Collegiate Training Initiative (AT-CTI) program at Kent State University on 30th May 2007. Hosted an FAA site visit team to review Kent State University's application for the AT-CTI program on Thursday, 2nd August 2007. FAA granted authorization for Kent State University to offer the AT-CTI program in October 2007 – still the first and only AT-CTI program in Ohio.

Organized and hosted a visit by the FAA's Great Lakes Region Administrator, Mr. Barry Cooper and an FAA delegation in support of the newly approved AT-CTI Program at Kent State University on 12th March 2008

Organized and hosted a visit by a Lorain Community College (LCC) delegation led by Dean Steven Hubbard, *et al*, to discuss academic partnerships between LCC and KSU involving the AT-CTI program on 28th May 2008

Worked with the Dean, College of Technology, personnel from the University Development Office and Office of Legal Counsel to secure the donation of a B-727 aircraft from FedEx Express to support instruction in the Aviation Maintenance technology (AMRT) associate degree program at KSU-Ashtabula. (The donated aircraft was declined because of local reasons at Ashtabula Regional Airport) Comparable aircraft were valued at \$ 3-4 million. 18th April 2007

Worked with Mr. Russell Kukwa and his family to establish the Nikki Kukwa Endowed Scholarship for Women in Aeronautics with the presentation of an endowment check in the sum of \$25,000 to the College of Technology and the Development Office. 26th March 2007
Organized and presided over the presentation of the first scholarship award from the Nikki Kukwa Endowed Scholarship for Women in Aeronautics on 27th February 2008.

Secured historic full initial accreditation of the (i) Aeronautical Studies, (ii) Aeronautical Systems Engineering Technology, (iii) Aviation Management, and (iv) Flight Technology areas of concentration in Aeronautics from the Council on Aviation Accreditation (CAA). Initial accreditation was from 15th February 2006 – 28th February 2011.

Accreditation of all four aeronautics programs marked the first accreditation of aviation programs by the CAA at Kent State and the first and only accredited aviation programs at any university in Ohio. Kent State was one of only 23 institutions with accreditation by the CAA worldwide. Of the 23, only four other institutions had four or more degree programs accredited by the CAA (d.b.a. Aviation Accreditation Board International – AABI).

Worked with Captain Allen Maurer and the Office of University Relations and Development to establish the *Allen L. and Terri L. Maurer Scholarship Fund for Flight Training*. The *Allen L. and Terri L. Maurer Scholarship Fund for Flight Training* represents the only endowed scholarship to be established by an Aero graduate at Kent State University. 23rd January 2006.

Prepared a memorandum for Provost Gaston that provided justification for new aircraft acquisition and delineated an effective cost structure for funding fleet enhancement for the Aeronautics Program on a systematic and cyclical basis. Secured institutional funding for two new Cessna 172 SP's with G-1000 at \$462,690 and a Piper PA 44 Seminole with G-430 at \$522,850. 20th December 2005.

Worked with Colonel Blaine M. Wyckoff and Mrs. Carla Migal Wyckoff to secure the donation of a UH-1H/M aircraft engine (LTCIK-4, T53-L-13) and an instructional flight instrument panel from the National Guard of Ohio unit at Akron Canton Airport. The General Services Administration priced the aircraft engine and the flight instrument panel at \$572,636 and \$3,000, respectively. 23rd March 2006

Negotiated and completed a new five-year Aircraft Maintenance Agreement with Portage Flight Center. The new agreement provided for a reduction in the mark-up on parts from 25% to 20% and maintained the hourly labor rate for the additional five years of the life of the contract – spring 2004.

Negotiated and coordinated the establishment of an articulation “2+2 agreement” for aviation students to transfer to Kent State University’s Aeronautics Program from Lansing Community College – AY 2003-2004.

Successfully launched the Wingman Program as a peer-based mentoring program in the Division of Aeronautics. The Wingman Program was designed to promote student retention and graduation through peer-based academic mentoring of freshmen and sophomores by upperclassmen. 21st November 2003, Technology Auditorium, 114 Van Deusen Hall.

Organized the **Centennial Lecture of the Kent State Aviation Alumni Lecture Series (KSAALS)** in the Governance Chambers of the Kent Student Center. The Centennial Alumni Lecturers were Major Sarah Deal, first female combat pilot in the US Marine Corps, Carol Might, ATC Procedures Specialist and Expert Counsel to the Office of Chief Counsel at FAA Headquarters in Washington, DC, Captain Roger Quinn, Assistant Chief Pilot with UPS Airlines in Miami, and Kevin Shrewsbury, Senior Engineer Scientist for Boeing at Vandenberg Air Force Base. Tuesday, 30th September 2003

Successfully delivered a presentation on “**Division of Aeronautics: Flight Plan to Success in the 21st Century.**” **Kent State University Board of Trustees General Meeting**, Urban Conference Room, Wednesday, 19th March 2003

Established a Pilot Training Bridge Program Agreement with Express Jet Airlines (d.b.a. Continental Express – COEX) that was formally signed by KSU President Carol Cartwright and Provost Paul Gaston on behalf of Kent State, and by Captain Jim Nides, Vice President of Flight Operations and Maintenance as well as Captain Greg Wooley, Director of Training, on behalf of COEX. Executive Board Room, Kent State University, 26th March 2003.

Worked in partnership with the Aircraft Owners and Pilots Association, the College of Continuing Education and the Federal Aviation Admin. to offer the Flight Instructor Refresher Clinic (FIRC) as a graduate course for the first time on 15th and 16th February 2003

Completed and submitted a proposal to establish the **Nihon University Flight Education Program (NUFEP)** to Provost Paul Gaston. January 2003

Worked with Human Resources personnel and Office of the Provost to establish the **Flight Instructor Tuition Credit Program** and the **Flight Instruction and Training Incentive Program (FITIP)**, which resulted in 74 flight lesson completions in fall 2002 and a significant increase of 540 flight hours in aircraft utilization between 2001 and 2002. July 2002

Successfully served as the President (President-elect 1996-1997 President 1997-1998, and Past President 1998-1999) and Treasurer (1995-1996) of the University Aviation Association (UAA) with responsibilities for the administration of fiduciary matters and all executive issues facing the association of aviation educators for the four-year period between 1995 and 1999.

Established some sixty-eight years ago in 1947, UAA is an association of colleges and universities that offer degree programs in aviation at the graduate and undergraduate degree levels, aviation professors and administrators, as well as representatives from government and industry who are involved in university aviation education. In addition to its core membership in the United States and Canada, UAA has members in several other countries including Australia, Brazil, Germany, Hong Kong, Singapore, and Sri-Lanka.

Generated grant funds of over \$1.5m from the Federal Aviation Administration and institutional matching funds from Texas Southern University (TSU) towards the successful establishment of the Airway Science Center at TSU.

MEMBERSHIPS: Transportation Research Board, National Academy of Sciences, Washington, DC
 (1) Standing Committee on Aviation System Planning (AV020) 2002 – 2025
 (2) Standing Committee on Airport Terminals and Ground Access (AV050) 2003 – 2009 and 15th April 2016 – 14th April 2019
 (3) Standing Committee on Airport/Airplane Compatibility (AV070) 2012 – 2025
 American Association of Airport Executives (AAAE)
 Association of Technology, Management and Applied Engineering (ATMAE)
 University Aviation Association (UAA)

PROFESSIONAL SERVICE:

Established the Aviation Faculty Mentorship and Assistance Program (AFMAP). AFMAP was approved by the UAA Executive Committee, UAA Board of Directors and UAA Committee Chairs on Monday, 13th April 2015.

AFMAP is designed to pair-up senior aviation faculty members with junior aviation faculty at similar postsecondary institutions for purposes of providing mentoring and professional assistance towards professional growth.

Reviews research reports and scholarly articles submitted for publication in the following peer review scholarly journals:

Collegiate Aviation Review,

Journal of Air Transport World Wide,

International Journal of Aviation Management,

Journal of Aviation Technology and Engineering

International Journal of Aviation, Aeronautics and Aerospace,

Reviews research reports and scholarly articles submitted for publication to the Transportation Research Board (TRB) Standing Committees on:

1. Aviation System Planning (A1J08/AV020)
2. Airport Terminals and Ground Access (A1J04/AV050) and
3. Aircraft – Airport Compatibility (A3A16/AV070)

Service on the Transportation Research Board's **Airport Cooperative Research Program (ACRP) Synthesis Panels for:**
 Airport System Planning Practices (ACRP 11-03/Topic S03-04)
 Airport Sustainability Practices (ACRP 11-03/Topic S02-14)

External Reader; Doctoral Dissertation Defense of Man (Mike) Yuan on "A SIMID Approach to Large Scale Real-Time System Air Traffic Control Using Associative Processor and Consequences for Parallel Computing." Candidate, Ph.D. – Computer Science 14th August 2012

Thesis Advisor and Thesis Defense Chair for Jennifer Mutuku's Master's Thesis on "Sustainability Practices at Commercial Service Airports in Northern Ohio." 27th April 2012

External Reader: Doctoral Dissertation Defense of Russell Mills on "Collaborating with Industry to Ensure Regulatory Oversight: The Use of Voluntary Safety Reporting Programs by the Federal Aviation Administration." 29th March 2011

Moderator: Doctoral Dissertation Defense of Jessica L. Turpin Demmings. Candidate, Ph.D. – Psychology. Faculty Advisor: Dr. Angela Neal Barnet. 21st February 2011

External Reader; honors thesis in Physics prepared by Lucas Citro on "In- Situ Resource Utilization: Issues and Concerns for Atmospheric Mining of the Outer Planets." Physics Department, Kent State University. 27th April 2007.

Reviewed Kent State University's AQIP (Academic Quality Improvement Program) System Portfolio and met with the external review team from AQIP during the System Portfolio review session with institutional representatives of accredited programs at Kent State University. 12th April 2007

Completed **accreditation site visits** as an academic member of the **Aviation Accreditation Board International (AABI)** to the aviation programs at the following institutions;

1. **Florida Institute of Technology** 15th – 17th April 2012
2. **Embry Riddle Aeronautical University**
 1. Prescott, Arizona Campus on 6th – 8th October 2006 and
 2. Daytona Beach Campus on 8th – 11th October 2006
Embry Riddle Aeronautical University has the largest number of aviation programs accredited by AABI.
3. **Auburn University** 20th -22nd October 2002

Completed **accreditation site visits** as an academic member of the **Association of Technology Management and Applied Engineering (ATMAE)** to the following universities;

1. **St. Cloud State University** – academic programs in Technology Management with concentrations in Construction Management and Industrial Technology on 29th – 30th April 2015
2. **Ohio Northern University** – degree programs in Applied Robotics, Construction Management and Manufacturing Technology on 7th – 8th April 2014

Completed a scholarly review in support of the revision process for the Federal Aviation Administration's Advisory Circular on Airport Master Plan (AC 150/5070-6A) at the request of the FAA and TRB. 15th February 2003

Delivered comparative lectures on the airport system in the US and ICAO to airport executives from Africa under the sponsorship of ACI-Geneva and aviation executives from the Shanghai Airport Authority 1999 – 2003

Delivered professional development coursework in airport management for academic credit to employees of the Houston Airport System under the auspices of North Harris Montgomery County College District. Houston Bush Intercontinental Airport Training Center. May-June 1999, Sept.-Oct. 2000, Jan-Feb & April-May 2001, July-August 2002, October 2003, 20th – 21st March 2008,

Distinguished guest and speaker: **2001 National Air Traffic Facility of the Year Award Presentation Ceremony**. The Air Traffic Control Tower, Akron-Canton Airport 6th August 2002

Established enrichment program initiatives in aviation at Drew Academy in the Aldine Independent School District (AISD), which led to the development of another program at Black Middle School in the Houston Independent School District (HISD). 1998 - 2001

Established an internship program for TSU Airway Science students with the Houston Airport System. About a third of the 70+ Airway Science students who served as interns became employees at Ellington Field, Bush Intercontinental and Hobby Airports. 1989 – 2001

Organized and directed annual summer Aviation Career Education (ACE) Academy Programs at TSU's Airway Science Center to introduce high school students to career opportunities and professionals in aviation and aerospace. ACE Academies are offered in collaboration with government, industry and trade associations affiliated with aviation. 1994-1999

Organized seminar on rail transportation that was addressed by the vice president of human resources of Burlington Northern-Santa Fe Railroad. TSU Airway Science Center. 26th March 1999.

Served as a Guest Lecturer; "Motivational Skills and Styles for Effective Instruction in Transportation Safety." Continuing Education Class, Torres and Associates Professional Multi-Service Group, Bellaire Triangle Center, Houston, TX. 14th March 1999

Assisted in the design and development of new Airway Science curricula at colleges and universities seeking to implement Airway Science curriculum programs and conducted site visits to review Airway Science Programs at Daniel Webster College (1992) in Nashua, NH, Lane College (1996) in Eugene, OR., University of Hawai'i-Honolulu Community College (1994) and Wilmington College (1995) in Wilmington, DE.

Organized and presided over Airway Science distinguished lecture seminars at TSU that featured the following speakers:

Commander Donnie Cochran (1st African American member and leader of the US Navy's Blue Angels Precision Flight Team) 29th September 1995

Judge Calvin Botley, US Magistrate "Adjudication of Aviation Law" 17th October 1991

Anthony Hall, Chairman, Houston METRO, "Impact of Transportation on the Houston Economy." 8th November 1990

Paul B. Gaines, AAE, Director, Houston Airport System "Sources of Funding for Capital Improvements on Airports" 15th February 1989 and "Air Service Marketing and the Bilateral Process." 28th November 1989

Organized and moderated a symposium on "African American Pioneers in Aviation." Addressed by 21 Tuskegee Airmen on Friday, 16th October 1998

Technology Auditorium. 300± participants from AISD, HISD, TSU and the local community. Covered by TV Ch. 2 and 26 News. Offered second symposium on Friday, 15th October 1999 in the School of Technology Auditorium. 300± persons from AISD, HISD, TSU and the local community participated. Covered by TV Ch. 2 and Ch. 26 News.

Conducted an external academic review of the aviation degree programs and the entire Aeronautics Division at Kent State University at the invitation of Dr. Raj Chowdhury, Dean, School of Technology, Kent State University.

Conducted site visit and completed academic review with Dr. Tom Connolly, Chancellor, Embry Riddle Aeronautical University, Daytona Beach, FL. 16th – 17th November 1998.

Held meetings on Capitol Hill with Senator Shelby of Alabama and Congressman James Oberstar on 9th October 1997, and a follow-up meeting with Congressman Oberstar on 10th June 1998 to discuss new legislation to create a federally funded program to support civilian flight training at universities.

Reviewed triennial airport emergency drill at Bush Intercontinental Airport (IAH). Also organized participation by Airway Science students in Triennial Emergency Response Exercises at IAH, William P. Hobby Airport and Ellington Field. 1992 – 1998.

Led the organizational effort and presided over the 51st Annual Fall Education Conference of the University Aviation Association (UAA), Minneapolis, MN. 23rd – 26th Sept. 1998.

Organized and moderated national Aviation Career Seminars for students from aviation programs at colleges and universities throughout the nation in conjunction with the University Aviation Association, the National Business Aviation Association (NBAA) and the Aircraft Owners and Pilot's Association (AOPA) at;

- (1) Grand Ballroom, North Hilton Hotel, Minneapolis, MN. 25th September 1998.
- (2) McEnery Convention Center, San Jose, California. 17th October 1996.
- (3) Aladdin Hotel, Las Vegas, Nevada. 28th September 1995.
- (4) Morial Convention Center, New Orleans, Louisiana. 6th October 1994.
- (5) Airport Hilton, Atlanta, GA. 22nd September 1993.
- (6) Southland Center Hotel, Dallas, TX 23rd September 1992 and
- (7) Brown Convention Center, Houston, TX. 31st October 1991.

Organized and presided over the inaugural meeting of the University Aviation Association's National Advisory Council at the national headquarters of the General Aviation Manufacturers Association (GAMA), Washington, DC. 11th June 1998

Organized Airway Science students' participation in the annual Airport Business Diversity Conference (third largest aviation related conference in the world) on 5th – 8th June 1999. Adam's Mark Hotel, Houston, Texas. Organized by the Airport Minority Advisory Council (AMAC) and the Federal Aviation Administration (FAA).

Organized and moderated a seminar on "The Importance of Space" in partnership with the International Space University (at Strasbourg, France), NASA, Hon. Sheila Jackson Lee and Spacehab Inc. School of Technology Auditorium. Texas Southern University, Houston, Texas. 2nd July 1997

Evaluated the efficacy of Flight Training Devices during aviation VIP visit to Naval Air Station, Pensacola, FL. 24th–27th Aug. 1994

Organized and moderated workshop session 1; "Airway Science Student Workshop: Employment Perspectives." Airway Science National Symposium. Washington, DC. 16th July 1993

Organized and moderated Texas Southern University's College of Science and Technology (formerly known as the School of Technology) Alumni Lecture Series as follows:

14th February and 19th April 1991 → Moderator

21st February 1992 → Moderator

21st October 1992 → Organizer and Committee Chairman

15th April 1993 → Moderator

28th February 1997 → Moderator

COMMUNITY

SERVICE:

Serves on the Advisory Committee of the Wings Over Houston Airshow. Responsibilities included the organization of student participation in one of the world's largest airshows at Ellington Field in Houston, TX.

Invited guests of the Airshow include the legendary Blue Angels, Thunderbirds, Snow Birds, the Tuskegee Airmen and high level delegations of aviation representatives from South and Central America, Britain and France. Also served as chairman of the Airshow's Scholarship Committee.

Member, Kiwanis Club of Stow-Munroe Falls 2004 – Present

Habitat for Humanity; Helped with the construction of the following homes in Northeast Ohio

- | | |
|---|----------------------------|
| (1) House at 1968 Cambridge Street, Twinsburg | 7 th March 2015 |
| (2) House for Clergy family in Akron | 14 th July 2012 |
| (3) House at 1930 Cambridge, Twinsburg | 29 th Oct. 2011 |

Collaborated with the International Women's Air and Space Museum (IWASM) to organize the Nikki Kukwa Memorial Aviation Camp (NKMAM) as a residential aviation camp for high school girls and their mothers at Kent State University on 10th –13th July 2007 to 24th –26th July 2014

Represented the Division of Aeronautics and the College of Technology at the Groundbreaking Ceremony for the expansion of Ashtabula County's Robert Morrison Field at the invitation of the airport and County Commissioners. Saturday, 10th July 2004

Delivered luncheon presentation on the Aeronautics Program at the February General Meeting of the Rotary Club of Kent. Tuesday, 3rd February 2004.

Delivered a keynote presentation on "**Division of Aeronautics: Math in the 21st Century**" during Math Night at the KSU-Ashtabula Auditorium before a very large audience of high school students, math teachers and counselors, KSU-Ashtabula administrators, faculty, and staff. 17th November 2003.

The Star Beacon of Ashtabula published an article, "***It figures, students receive math awards***" on Math Night. 18th Nov. 2003.

Delivered a luncheon presentation on the Aeronautics Program and the newly established **Stow Kiwanis Aviation Scholarship Program (SKASP)** at Silver Lake Country Club at the request of Stow Kiwanis Club. In attendance were Stow Mayor-elect Karen Fritchel and Stow City Council President Janet D'Antonio. Wednesday, 12th November 2003. The *Stow Sentry* published an article on the presentation on Saturday, 15th November 2003.

Served on the Advisory Board of United Cerebral Palsy's (UCP) High School/High Tech Program which is designed to bring high school students with different stages of cerebral palsy to high technology work and research environments. Appointment to serve on the Advisory Board of High School/High Tech was made in December, 1998.

Banquet Speaker; "A Historical Background of the Tuskegee Airmen." Festival of Flight Gala in honor of the Tuskegee Airmen at NASA Space Center Houston.

Keynote speaker: Houston Mayor Lee Brown. 16th October 1998

Holy Trinity Anglican Church, Hudson, OH (2008 – Present)

Usher and Layreader (2009-Present)

Senior Warden (2014-2015)

Vestryman (2012-2015; 2018 – 2023)

Christ Episcopal Church, Kent, OH (2001-08)

Usher and Layreader (2002-2008)

Vestryman (2006 – 2008)

Episcopal Church of the Epiphany, Houston, TX (1989 – 2001)
 Usher (1991-2001)
 Layreader (1992-2001)
 Layreader Captain (1999-2001)
 Vestryman (1999-2001).

Organized Mayoral Debate on "Transportation Policy and Related Issues" in partnership with the Center for Transportation Training and Research, Institute of Transportation Engineers, Sigma Gamma Rho, TSU's Chapter of the American Association of Airport Executives (AAAE) and TSU's Political Science Club before the 1991 Houston (Harris County) Mayoral Elections. 16th Oct. 1991

Member, Organizing Council, 30th Annual University Fund-raiser Dinner and Banquet, Westin Galleria Hotel, Houston, Texas. 11th October 1991

Panelist; "International Relations Issues" Texas Southern University 2020 Conference on "Developing Partnerships and Building Futures." November 1990

Organized and presided over "Talent Search Initiative Seminar" at Texas Southern University, Houston, Texas. July, 1990

Participated in the organization of "Intercontinental Airport Appreciation Day Activities" and "Celebration of Flight" exhibition. Qualitron-Avitat Aero. 17th – 18th September 1987

Helped organize Chenault Day Commemoration Activities at Monroe Regional Airport, Monroe, Louisiana. 1983 – 1985

**PROFESSIONAL
GROWTH AND
DEVELOPMENT:**

Participant; Strategic Planning Workshop for the University Aviation Association. Auburn University Hotel and Conference Center. Friday, 27th February 2015.

Delivered a presentation on "Fundamentals of Flight Dynamics" at Bahçeşehir College, Bahçeşehir, Turkey 22nd May 2009

Prepared and delivered a presentation on "Commercial Pilot Work shop for International Students from India." KSU India Initiative Meeting, Library Conference Room. 18th June 2008

Prepared and delivered a presentation on "Social Networking: A Road to Success in America." 4th Adisadel Congress, Howard University Conference Center, Washington, DC. 24th May 2008.

Coordinated and managed to host the Professional Board of Aviation Certification's (PABC) inaugural workshop on "Pilot's Effect on Bottom Line." Kent State University, Moulton Hall Ballroom. The PABC inaugural workshop was a national workshop held at eight sites; Arizona State, Boeing, Central Missouri State University, Florida Institute of Technology, Kent State, Ohio State, Purdue, and UND. 26th January 2006

Worked with Captain Scott Davis to organize and offer the first Technically Advanced Aircraft Training (TAAT) Workshop in conjunction with Ms. Marilyn Bokrass and the College of Continuing Studies on 11th – 12th February 2006.

Participated in the National Training Conference of the National Black Coalition of Federal Aviation Employees to receive the McNair Award for a lifetime of achievements in aeronautics. Orlando, FL 19th – 20th August 2004

Participated in the Distinguished Educators' Forum, Tyndall Air Force Base, Panama City, Florida 3rd – 6th August 2004

Participated in the Marine Corps Educators Workshop. Quantico, VA and Washington, DC. 7th – 10th July 2003

Delivered a presentation "Division of Aeronautics: Flight Plan to Success in the 21st Century." at the Kent State University Board of Trustees Meeting. Urban Conference Room. 19th March 2003.

Established an effective partnership with Mizar Technologies, LLC to conduct applied research, development and training in GPS Tracking and remote sensing using satellite technology 2003

Keynote Speaker; 8th Airport Council International (ACI) – Africa Region Conference. Houston Airport Training Center. George Bush Intercontinental Airport. 15th August 2001

Participant; Summer Transportation Institute Workshop. Organized by the U.S. DOT's Summer Transportation Institute National Resource Center, Hyatt Regency Hotel, Atlanta, Georgia. 31st March – 2nd April 2, 1999

Participant; Future Air Navigation System (FANS) Workshop. International Civil Aviation Organization (ICAO)/International Air Transportation Association (IATA), Montreal, Quebec, Canada. 8th – 10th July 1998

Speaker; Charter and Installation Ceremony for Tau Alpha Psi-Zeta Kappa Chapter, National Honor Society for Engineering Technologies. Electronic Engineering Technology Department, School of Technology, TSU, Houston, TX. 12th May 1998.

Participant; Airway Science Curriculum Committee Winter Workshop. Indigo Lakes-Daytona Beach, FL. 20th–21st Feb. 1996.

Lecturer, "Enhanced Integration of Multi-modal Ground Transportation with Air Transportation at Selected Major Air Carrier Airports." Minority Scholars Initiative Program, Central Missouri State University, Warrensburg, Missouri. 17th Feb. 1995

Participant; Airway Science Curriculum Committee Winter Workshop. Washington, DC. Presented subcommittee report on Airway Science Program Review. 23rd–24th Feb. 1995

Commendation and Remarks;

(1) Retirement Ceremony for Joseph Kisicki (AHT-1), FAA Director of Higher Education and Training, Fort McNair Officers Club, Washington, DC 24th February 1995.

(2) Retirement Ceremony for Dr. George B. Thomas, Manager of the FAA's HBCU Program, Fort McNair Officers Club, Washington, DC. 21st June 1994

Participant; Airway Science Curriculum Committee Winter Workshop. Winter Park, Florida. 24th – 25th February 1994

Evaluated Air Traffic Control Simulation Training Devices at Wesson International, Inc. Austin, TX. 21st March 1994 and at CAE Link Corporation, Binghamton, NY 25th March 1994

Represented the Airway Science Curriculum Committee at the Standards Committee Meeting of the Council on Aviation Accreditation (CAA) to Develop Accreditation Guidelines for two-year aviation programs, Council on Aviation Accreditation Conference, Boeing Field, Seattle, WA. 18th – 19th August 1994.

Participant, US Navy Aviation VIP visit to Naval Air Station (NAS) Pensacola for Orientation Visit with Flight Training Systems and Devices, NAS Pensacola, FL. 24th August 1994

Participant, Airway Science Curriculum Committee Summer Workshop. Federal Aviation Administration Technical Center, Atlantic City, New Jersey. 21st – 22nd July 1994

Participant; National Association for Equal Opportunity (NAFEO) workshop on "The FAA in Partnership with Black Colleges and Universities." Washington, DC. 30th March – 4th April 1993

Speaker and Organizer; First Airway Science Regional Roundtable Conference. Sponsored by the Office of Higher Education and Training (AHT), Federal Aviation Administration at Texas Southern University, School of Technology, Houston, Texas. 9th September 1993

Speaker, "Innovative AWS Initiatives and Partnerships with Local Industry." Airway Science - Industry Roundtable Meeting. Organized by the FAA Office of Higher Education and Training Washington, DC. 27th February 1992

Speaker; Workshop Session I. "Establishing Internship and Coop Programs." Airway Science National Symposium. Washington, DC. 8th – 10th July 1992

Moderator; Group II "Energy Efficiency: Utilizing Technological Advances and Proven Techniques." Conference on "Energy Efficiency as a Transportation Objective: Traditional and Non-Traditional Approaches to Conservation." Sheraton Astrodome Hotel, Houston, Texas. 4th – 6th Nov. 1992

Evaluator: Airside Emergency Response Operations, Triennial Simulated Airport Emergency Exercise, Houston Intercontinental Airport. 7th November 1992

Moderator; "Open Forum-Questions and Answers." Airway Science National Symposium, FAA. Washington, DC. 18th July 1991

Keynote Speaker; Inaugural Meeting of the CORE Group and Minority Managers at Continental Airlines and General Aviation at Houston Area Airports with Air Carrier Service. President's Lounge, Texas Southern University. Houston, TX. 8th June 1991

Group Leader; Workshop on Airway Computer Science Curriculum, FAA-Industry Airway Science Roundtable." FAA. Washington, DC. 26th February 1991

Keynote speaker; Board of Directors Banquet, Negro Airman International (NAI), Inc., Sheraton Grand Hotel, Houston, Texas. 19th January 1991

Participant; Airway Science Grant Workshop. Airway Science National Symposium. Washington, DC. 26th–27th July 1990

Naval Aviators Orientation Training for Educators; U.S. Naval Air Station, Pensacola, Florida. February-March, 1990

MEETINGS AND CONFERENCES

ATTENDED:

Helped organize session and presented at the 87th Annual Conference and Exposition of the American Association of Airport Executives (AAAE). Pennsylvania Convention Center, Philadelphia, PA. Monday, 6th – 10th June 2015

Helped organize sessions and presented at the Transportation Research Board, National Academy of Sciences, 2015 Ninth Triennial National Aviation System Planning Symposium, Wild Dunes Resort, Charleston, S.C. 17th – 19th May 2015

Participated in and presented at the U.S.–South Africa Aviation Forum: The Future of Aviation Leadership. Organized by AAAE, the US Trade and Development Agency (USTDA), USDOT, Government of South Africa, South African Airways, etc., The Radisson Blu Hotel, Waterfront, Cape Town, South Africa. 23rd – 25th March 2015

Participated in the inaugural meeting of the Transportation Research Board's Airport Cooperative Research Program (ACRP) Synthesis Panel on Airport Sustainability Practices (ACRP 11-03/S02-14), The Keck Center of the National Academies, Washington, DC 12th March 2015

Attended and delivered a presentation at the 2015 Winter Meeting of the Aviation Accreditation Board International (AABI), Auburn University Hotel and Conference Center, Auburn, AL 23rd – 27th February 2015.

Organized sessions, participated in and delivered presentations at the 94th Annual Meeting of the Transportation Research Board, National Academy of Sciences, Washington Convention Center, Washington, DC 11th – 15th January 2015

Participated in the 2014 Annual Conference of the Association of Technology Management and Applied Engineering (ATMAE), Hilton at the Ballpark, St. Louis, Missouri, 19th – 22nd Nov. 2014. Defended accredited programs before the ATMAE Accreditation Board, [delivered](#) a refereed presentation and supported the Robotics Team.

Participated in the 2014 Fall Education Conference of the University Aviation Association (UAA), Hilton Daytona Beach Oceanfront Resort Hotel, Daytona Beach, FL 8th – 10th October 2014. Delivered presentation at the Research Roundtable and received the Wheatley Award.

Participated in the 2014 Annual Meeting of AABI, Doubletree Hilton Nashville Downtown Hotel, Nashville, 14th -18th July 2014

Helped organize sessions, delivered a panel presentation and participated in the 86th Annual Conference and Exposition of AAAE. Henry Gonzalez Convention Center. 18th–21st May 2014.

Participated in the 2014 Annual Winter Meeting of AABI, Auburn University Hotel and Conference Center, Auburn, AL 19th – 21st February 2014.

Participated in and delivered a refereed presentation at the 2013 Annual Conference of ATMAE, Astor Crown Plaza Hotel, New Orleans, LA 20th – 22nd November 2013

Participated in and delivered two refereed presentations at the 2013 Fall Education Conference of UAA, Intercontinental San Juan Hotel, San Juan, Puerto Rico 6th – 9th November 2013

Helped organize sessions, delivered a panel presentation and participated in the 85th Annual Conference and Exposition of AAAE. Reno Sparks Convention Center, Reno, NV. 19th – 22nd May 2013.

Participated in a meeting with the military command staff of the Qatar Emiri Air Force Academy (QEFA) and delivered a presentation on the partnership to offer the BS degree program in Aeronautics at QEFA, Al Udeid Air Force Base, Doha, Qatar 25th March – 1st May 2013.

Participated in the 2013 Winter Meeting of AABI. Auburn University Hotel and Conference Center, Auburn, AL 19th – 22nd February 2013

Participated in the 92nd Annual Meeting of the TRB. Omni Shoreham Hotel, Washington DC 13th – 17th January 2013

Participated in the 2012 Annual Conference of ATMAE, Airport Marriott, Nashville, TN. 14th – 16th November 2012.

Participated in a meeting with the military command staff of QEFA and delivered a presentation on the partnership to offer the BS degree program in Aeronautics at QEFA, Al Udeid Air Force Base, Doha, Qatar 10th – 14th November 2012.

Participated in and delivered a Past Presidents' panel presentation at the 2012 Fall Education Conference of UAA, Embassy Suites, Murfreesboro, TN. 26th – 28th September 2012.

Participated in the 2012 Annual Meeting of AABI. Queen Elizabeth Fairmont Hotel and the International Civil Aviation Organization (ICAO) Headquarters, 17th – 20th July 2012

Helped organize sessions, delivered a panel presentation and participated in the TRB, National Academy of Sciences, 2012 Eight Triennial National Aviation System Planning Symposium, Hotel Galvez, Galveston, TX 20th – 22nd May 2012.

Helped organize sessions, delivered a panel presentation and participated in the 84th Annual Conference and Exposition of AAAE. Phoenix, AZ. 29th April – 3rd May 2012.

Participated in meetings associated with the AABI Accreditation Site Visit to Florida Institute of Technology, Melbourne, FL 15th - 17th April 2012.

Participated in the 2012 Winter Meeting of AABI. Auburn University Hotel and Conference Center, Auburn, AL 13th – 17th February 2012.

Delivered annual activity report in committee meetings and participated in the 91st Annual Meeting of the TRB. Omni Shoreham Hotel, Washington, DC. 22nd – 26th January 2012.

Defended accredited programs before the ATMAE Accreditation Board, delivered an invited panel presentation and participated in the 2012 Annual Conference of ATMAE, Crowne Plaza City Center Hotel, Cleveland, OH 9th – 10th November 2011.

Delivered a refereed joint presentation at the UAA Best Practices Roundtable, attended the UAA Past President's Breakfast and participated in the 2012 Fall Education Conference of UAA and the FAA's Air Traffic-Collegiate Training Initiative (AT-CTI) Best Practices Conference, Hyatt Regency, Indianapolis, IN 28th September – 1st October 2011.

Helped organize sessions, delivered a major panel presentation that enjoyed press coverage and participated in the 83rd Annual Conference and Exposition of AAAE Georgia World Congress Center, Atlanta 15th – 19th May 2011

Participated in the Kent State University Evening at the US Capitol Visitor Center, US Capitol Building, Washington, DC 12th – 13th May 2011

Participated in the FAA's Collaborative Decision Making (CDM) Meeting. Airport Hilton Hotel, Atlanta, GA 3rd – 5th May 2011

Participated in the Kent State University Day at the Statehouse to support visits with legislators and alumni. Columbus, OH 16th March 2011

Participated in the 2011 Winter Meeting of AABI. Hilton Daytona Beach Oceanfront Resort Hotel, Daytona Beach, FL 22nd – 25th February 2011

Participated in the proceedings of the (1) Accreditation Criteria Committee (2) Guidance Committee (3) Outcomes Based Accreditation Training Workshop and the (4) Industry – Educator Forum at the 2010 Winter Meeting of AABI. Auburn University Hotel and Conference Center 17th – 19th February 2010

Participated in the Airline Pilot Association (ALPA) International 55th Air Safety Forum and 2009 Security Forum as a guest of ALPA President Captain John Prater, Omni Shoreham Hotel, Washington, DC. 3rd – 8th August 2009

Participated in and staffed a display booth for the College of Technology at the Field Hearing Event, Ohio House of Representatives Alternative Energy Committee Meeting, Ohio Aerospace Institute, Cleveland, Friday, 31st July 2009

Participated in the 2009 Annual Meeting of the Aviation Accreditation Board International (AABI), Hilton Suites, Toronto, Canada 14th – 17th July 2009

Participated in the 81st Annual Conference and Exposition of the American Association of Airport executives (AAAE), Pennsylvania Convention Center, Philadelphia, PA 14th – 17th June 2009.

Conducted an Institutional Visit and Meeting at the European Business School (EBS), Rheingau, Greater Frankfurt, Germany in support of EBS-KSU's Exchange Program in Aviation Management. 6th – 11th June 2009.

Participated in the AABI Winter Meeting, Wyndham Jacksonville Riverwalk Hotel, Jacksonville, Florida, 17th – 20th February 2009

Participated in the Transportation Research Board (TRB) Synthesis Panel Review of Airport System Planning Practices, Arnold and Mabel Beckman Center, National Academy of Sciences, Irvine, California. Friday, 24th October 2008

Participated in the University Aviation Association's 2008 Fall Education Conference. Denver, CO. Thursday, 16th Oct. 2008.

Participated as a consortium member in the FAA's Fall CDM Semi Annual Meeting. Atlanta, Georgia. 22nd – 23rd Sept. 2008.

Participated in the Federal Aviation Administration's 2008 Air Traffic-Collegiate Training Initiative (AT-CTI) Conference. Washington, DC. Thursday, 18th September 2008.

Participated in the International Conference on Innovations in Higher Education Institutions and its Benefits to Industry, Rixos President Hotel, Astana, Kazakhstan on 3rd June 2008

Participated in the Transportation Research Board (TRB), Panel S03-04 on “Airport System Planning Practices.” Airport Cooperative Research Program (ACRP) Project 11-03I. Keck Center, National Academy of Science, Washington DC. 6th March 2008

Participated in the 2008 AABI Winter Meeting, Mesa, AZ. 19th – 21st February 2008.

Participated in the 2007 Fall Education Conference of the University Aviation Association (UAA), hosted by San Jose State University in San Jose, California. 17th–20th October 2007.

Participated in the 2007 Annual Meeting of the Aviation Accreditation Board International (AABI) hosted by the Boeing Airplane Company in Seattle from 15th–20th July 2007. Served as an educator panelist during the Industry-Educator Forum on Thursday, 19th July 2007

Participated in the 2007 US-India Aviation Partnership Summit in New Delhi, India at the invitation of the FAA and the American Association of Airport Executives (AAAE). Responded to local demands for providing aviation education and flight training for students from India. The Partnership Summit was organized by the Director General of Civil Aviation (DGCA-India), FAA, US Trade and Development Agency, Ministry of Civil Aviation (Government of India), AAAE, Airports and the Authority of India. The Taj Mahal Hotel, New Delhi, India 23rd – 25th April 2007.

Participated in the Human Factors in Aviation – Academics and Application Conference, San Antonio, TX. Introduced Dr. Edward Overchuk to colleagues who are the leading experts in human factors research in aviation in the effort to explore prospects for collaboration in aviation research. 6th – 7th March 2007.

Participated in the Advanced Technology in Airport Security (ATAS) Conference, San Francisco, CA at the invitation of the Airport Council International, Broadware, Hirsch Electronics, IBM, Proximex, Siemens, etc. 7th – 9th February 2007.

Participated in the Sixth Annual AAAE/TSA/DHS Aviation Security Summit in Arlington, Virginia. 11th December 2006

Participated in the University Aviation Association's (UAA) 2006 Fall Education Conference, Anchorage, Alaska. Received UAA's Golden Link Award. 27th – 30th September 2006.

Participated in the Transportation Research Board (TRB)/Federal Aviation Administration's "Aviation Forecast Workshop" at the invitation of the Transportation Research Board. National Academy of Sciences, Washington, DC. 18th – 19th Sept. 2006.

Participated in an Educator Visit on "The Role of the Marine Corps in National Defense." Marine Corps Base Quantico, Virginia, 19th – 23rd June 2006.

Participated in the 2006 Aeronautics Career Conference at the invitation of the School of Aeronautics at Inter American University of Puerto Rico Bayaman Campus. Embassy Suites Hotel in Carolina, Puerto Rico. 20th–22nd April 2006

Participated in the Annual Winter Meeting of the Council on Aviation Accreditation (CAA) and CAA's Board of Trustees sessions where accreditation was granted to all four Kent State aeronautics programs. Auburn, AL. 13th – 16th February 2006.

Participated in the Fifth Annual Aviation Security Summit in Washington, DC. Monday, 12th December 2005

Participated in the 2005 Annual Meeting of the Council on Aviation Accreditation. Delta London Armouries Hotel, London, Ontario 11th–16th July 2005

Participated in the 2005 Mid-year meeting of the Transportation Research Board's Committee on Aviation System Planning (AV020) at the National Academies Keck Center, Washington, DC. Thursday, 2nd June 2005.

Participated in the 2005 Winter Meeting of the Council on Aviation Accreditation (CAA). Hilton Atlanta Airport Hotel and the Delta Air- lines Training Center at Hartsfield-Jackson Atlanta International Airport. 15th–19th February 2005.

Attended and participated in the Fifth Annual Aviation Security Conference organized by the American Association of Airport Executives (AAAE), Department of Homeland Security (DHS), and the Transportation Security Administration (TSA). Washington, DC, 12th December 2005.

Participated in the 57th Annual Meeting and Convention of the National Business Aviation Association (NBAA). Las Vegas, Nevada, 12th –15th October 2004

Attended the National Training Conference of the National Black Coalition of Federal Aviation Employees (NBCFAE) to receive the 2004 Ron McNair Award from the NBCFAE President and FAA Administrator Blakey. Orlando, FL Friday, 20th Aug. 2004

Participated in the 2004 Annual Meeting of the Council on Aviation Accreditation (CAA), Hassayampa Inn, Prescott, Arizona. 13th–16th July 2004

Participated in two committee meetings and the general proceedings of the 2004 Annual Meeting of the Transportation Research Board sponsored by the National Academy of Sciences in Washington, DC on 11th – 14th January 2004.

Participated in the Airport Council International (ACI) Conference in Houston. 28th July – 1st August 2003

Participated in the 2003 Annual Meeting of the Council on Aviation Accreditation (CAA). Montreal, Canada 22nd – 25th July 2003

Participated in the Marine Corps Educators Workshop. Quantico, VA and Washington, DC. 7th – 10th July 2003

Participated in a dinner meeting of the Wings Over Houston Airshow Advisory Board to present an award to Herb Kelleher, founder of Southwest Airlines. Houston, TX 25th October 2002.

Participated as a lecturer in the 9th Airport Council International (ACI) – Africa Region Conference and Visit. Houston Airport System Training Center. Bush Intercontinental Airport, Houston, Texas. 24th – 26th July 2001.

Participated in the 2012 Annual Meeting of AABI hosted by the Boeing Airplane Group, Seattle, Washington, 16th – 21st July 2002

Participated in the 2012 Winter Meeting of AABI, Phoenix, AZ. 20th – 22nd February 2002.

Participated as a lecturer in the 8th Airport Council International (ACI) – Africa Region Conference and Visit. Houston Airport System Training Center. Bush Intercontinental Airport, Houston, Texas. 15th – 17th August 2001

Participated in the University Aviation Association Spring Meeting, Champaign/ Urbana. Chaired the proceedings of the Finance and Nominations Committees 11th – 13th March 1999

Participated as president in the University Aviation Association (UAA) Fall Education Conference. North Hilton Hotel, Minneapolis, MN. Presided over Aviation Career Seminar, 50th Anniversary Awards Banquet, General Membership Meeting and Board of Trustees Meeting. 24th – 26th September 1998

Council on Aviation Accreditation Conference, Hosted by the International Civil Aviation Organization, International Air Transport Association and Concordia College, Montreal, Quebec, Canada. Represented the University Aviation Association. 8th – 10th July 1998

University Aviation Association Spring Meeting. Chaired and moderated General Membership Meeting and Symposium on Aviation Partnerships, Membership Luncheon and Board of Trustees Meeting. Cincinnati, Ohio. 16th – 18th April 1998

University Aviation Association (UAA) Fall Education Conference, Dallas, Texas. Chaired meetings of the Finance and Membership Committees as president-elect of UAA. Also delivered a refereed presentation on "The Theory of Functionalism and the International Civil Aviation Organization (ICAO): An Analytical Assessment after the First Fifty Years." Professional Paper Presentations. 24th – 27th September 1997

University Aviation Association Spring Meeting, Memphis, TN. Chaired meetings of the Awards, Finance and Membership Committees as president-elect of UAA. 17th – 21st April 1997

Council on Aviation Accreditation Annual Conference. Boeing Airplane Group, Seattle, Washington. 16th – 18th July 1997

University Aviation Association (UAA) Fall Education Conference, Hyatt San Jose, San Jose, CA. Chaired Curriculum Committee meeting on October 16, 1996. Organized and moderated "Student Aviation Career Seminar" in partnership with UAA and the Aircraft Owners and Pilots Association (AOPA) at the McEnery Convention Center, San Jose, California on 17th October 1996.

University Aviation Association (UAA) Spring Meeting. Wichita Airport, Wichita, Kansas. Chaired Curriculum Committee meeting. 18th – 21st April 1996

University Aviation Association (UAA) Fall Education Conference, Las Vegas, Nevada. Organized and moderated "Student Aviation Career Seminar" in partnership with the National Business Aviation Association (NBAA) and UAA. TSU Airway Science students also attended the career seminar. 28th – 30th September 1995

Council on Aviation Accreditation Annual Conference. United Airlines Training Center, Denver, Colorado. Chaired Airway Science Curriculum Committee Meeting. 12th – 13th July 1995

University Aviation Association (UAA) Spring Meeting. Sheraton Atlanta Airport, Atlanta, Georgia. Chaired Curriculum Committee Meeting. 7th – 8th April 1995

University Aviation Association (UAA) Fall Education Conference. **Received FAA Superior Achievement Award** on October 7, 1994. Organized and moderated National Student Aviation Career Seminar in partnership with NBAA and UAA, Morial Convention Center. New Orleans, LA. 5th–8th Oct. 1994

Council on Aviation Accreditation (CAA) Annual Conference. Boeing Airplane Group, Customer Services Training Center, Seattle, Washington. 18th – 20th August 1994

Conference of Minority Transportation Officials (COMTO) Annual Conference. Washington, DC. 22nd – 25th June 1994

University Aviation Association (UAA) Spring Meeting. Regal Riverfront Hotel, St. Louis, MO. Presented site visit report for Curriculum Committee review and action. Presented report and Draft of publication on *Guidelines for Airway Science Coop and Internship Programs* for Committee Review 18th–21st May 1994

American Association of Airport Executives - South Central Chapter Region IV Conference. South Shore Harbor Resort and Conference Center. South Shore Harbor, Texas. 27th – 30th March 1994

University Aviation Association (UAA) Fall Education Conference. Presented report on Computer Competency and the role of Distance Learning with Ann Hood of Harris Corporation to the Curriculum Committee. Organized and moderated National Student Aviation Career Seminar in partnership with NBAA and UAA at the Atlanta Airport Hilton Hotel. 22nd – 25th September 1993

First Regional Airway Science-Industry Roundtable Conference. School of Technology, Texas Southern University, Houston, TX 9th September 1993

Airway Science National Symposium. Organized and moderated workshop session on "Airway Science Student Workshop: Employment Perspectives. Washington, DC. 16th July 1993

Airway Science Curriculum Committee Meeting. Washington, DC. Presented site visit report from Daniel Webster College, Nashua, NH for Committee review and action with Prof. Tom Leonard of San Jose State University, San Jose, CA.
13th July 1993

University Aviation Association (UAA) Fall Education Conference, Dallas, Texas. Organized and moderated "Student Aviation Career Seminar" in partnership with the National Business Aviation Association and UAA. TSU Airway Science students also attended the career seminar. 23rd – 27th Sept. 1992

University Aviation Association Spring Meeting, Park Inn International, Killeen, Texas. 21st April 1993

Fifth Annual Business Opportunity Symposium Series (BOSS V). Speaker: "Non Traditional Careers in Transportation." Austin Convention Center. 17th – 20th September 1992

Airway Science National Symposium. Speaker: Workshop Session I "Establishing Internship and Cooperative Education Programs." Washington, DC. 8th – 10th July 1992

Southwest University Transportation Center Conference. Texas A&M University, College Station, Texas. Assisted research assistant to prepare and make presentation on airports.
25th June 1992

Airway Science-Industry Roundtable Conference. Washington, DC. Speaker: "Scholarships and Internship Programs."
27th February 1992

University Aviation Association (UAA) Fall Education Conference. Sheraton Crown Hotel at Bush Intercontinental Airport. Organized and moderated "Student Aviation Career Seminar" in partnership with the National Business Aviation Association (NBAA) and UAA at the Brown Convention Center on 31st October 1991. TSU Airway Science students attended the career seminar. 28th – 30th October 1991

Airway Science National Symposium. Washington, DC. Moderated "Open Forum: Questions and Answers" Panel.
18th – 19th July 1991

American Association of Airport Executives Conference and Expo. Made panel presentation on "Enhancement of Internship Programs at Large Airports." Phoenix, Arizona.
12th – 15th May 1991

Airway Science Roundtable Conference. Led breakout session on Computer Science. Washington, DC. 26th February 1991

Navy Educator Orientation Visit, Naval Air Station, Pensacola, Florida. 26th February – 1st March 1990

TSU 2020 Conference. Texas Southern University, Houston, Texas 9th – 10th November 1990

University Aviation Association (UAA) Fall Education Conference. New Orleans, Louisiana. 2nd – 4th October 1990

Airway Science National Symposium. Participated in the FAA's AWS Grant Workshop. Washington, DC. 26th – 27th July 1990

Sixty-first Annual Conference and Exposition of the American Association of Airport Executives (AAAE). Opryland Hotel. Nashville, TN. 14th – 18th May 1989

Participant; National Airspace System Plan - Research, Engineering and Development (NAS - RE&D) Conferences, Federal Aviation Administration, Arlington, Virginia. September, 1989 and Washington, D.C. December, 1988.

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