**MAUREEN R. McFARLAND, PhD, MBA 330.592.1142**

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**ASSOCIATE DEAN OF ACADEMIC AFFAIRS, COLLEGE OF AERONAUTICS AND ENGINEERING**

Accomplished thought leader with extensive experience empowering individuals and teams to unleash their potential in the higher education space. Skilled at balancing operational management tactics with department-specific needs to achieve organizational objectives while improving existing processes. Known as an exceptional communicator, writer, change manager, and strategic planner. Equipped with top-notch critical thinking skills utilized to analyze and optimize enrollment, staff/faculty retention, and overall student experiences. Respected as a proactive mentor with an approachable, genuine presence. Passionate about instilling integrity, inclusivity, and accountability into all workflows to prompt ongoing success. Trusted advisor with a forward-thinking approach to program development, management, and improvement through extensive strategic planning involvement.

**AREAS OF EXPERTISE**

Higher Education | Academic Administration | Program Development | Senior-Level Leadership | Talent Development

Educational Psychology | Business Administration | Aerospace Engineering | Project Management

Orientation Planning | Curriculum Development & Approval | Strategic Planning | Student Experience

Operations Management | Resource Allocation | Budgeting & Fund Management | Cross-Collaborative Communication

Regulatory Compliance | Crisis & Problem Resolution | Team Building | Mentoring & Coaching | MS Office Suite

**EDUCATION**

KENT STATE UNIVERSITY | **Doctor of Philosophy, Educational Psychology & Instructional Technology**

BOSTON UNIVERSITY | **Master of Science, Business Administration (MSBA)**

UNITED STATES NAVAL ACADEMY | **Bachelor of Science, Aerospace Engineering**

**PROFESSIONAL DEVELOPMENT**

INSTITUTE FOR EXCELLENCE | **Leadership Development Program** (2018)

HERS SUMMER INSTITUTE | **Higher Education** **Leadership Development Program** (2016)

OHIO ACADEMIC LEADERSHIP ACADEMY (OALA) | **Higher Education Leadership Development Program** (2008)

**PROFESSIONAL EXPERIENCE**

KENT STATE UNIVERSITY, Kent, OH 2004 – Present

**Associate Dean, Academic Affairs, College of Aeronautics and Engineering** (April 2019 – Present)

Assist the Dean in the overall undergraduate administration of the College of Aeronautics and Engineering. Specifically oversee all aspects of curriculum development, implementation and change for 8 bachelor’s degrees, 6 concentrations and 11 minors within the college; support expansion of the curriculum via new majors, minors and concentrations as appropriate. Additionally, responsible for: overseeing scheduling of all academic courses for the college and for faculty teaching assignments, supporting programs in implementing quality assessment initiatives, supporting professional accreditation initiatives, overseeing academic advising activities, and leading a diverse team of faculty and staff in retention, persistence and graduation initiatives.

***Key Achievements:***

* Current retention rate of 84.9% is the highest amongst all programs at Kent State University
* Earned a 5-year certification from the Foundry Educational Foundation for the Applied Engineering – Foundry Technology program
* Earned 2-year reaffirmation from ETAC ABET for Aeronautical Systems Engineering Technology program

*Professional Experience (continued)*

KENT STATE UNIVERSITY, Kent, OH

**Interim Associate Dean, Academic Affairs, College of Aeronautics and Engineering** (December 2018 – April 2019)

Assist the Dean in the overall undergraduate administration of the College of Aeronautics and Engineering. Specifically oversee all aspects of curriculum development, implementation and change for 8 bachelor’s degrees, 6 concentrations and 11 minors within the college; support expansion of the curriculum via new majors, minors and concentrations as appropriate. Additionally responsible for: overseeing scheduling of all academic courses for the college and for faculty teaching assignments, supporting programs in implementing quality assessment initiatives, seeking and/or maintaining professional accreditation of all programs, overseeing academic advising activities, and leading a diverse team of faculty and staff in retention, persistence and graduation initiatives.

KENT STATE UNIVERSITY, Kent, OH

**Senior Academic Program Director of Aeronautics, College of Aeronautics and Engineering** (2008 – December 2018)

Champion comprehensive operation of the Aeronautics department spanning operations management, administrative oversight, instructional evaluation, marketing collateral creation, and financial maintenance. Oversee a $1.7M+ budget and 40+ faculty/staff with a focus on supervision, workflow management, training, and goal setting. Spearhead strategic planning efforts and necessary program updates in accordance with changing departmental needs as well as overarching university values. Ensure up-to-date, accurate, and appropriate accreditation for all 6 program areas simultaneously. Function as a direct support system for the Interim Dean and as an instructor/course developer for a collection of courses in addition to leadership obligations.

***Key Achievements:***

* Pioneered the end-to-end establishment of the first traditional engineering program in the university’s history.
* Segmented and ushered the previous Aeronautical Systems Engineering Technology (AESE) program from its status as a concentration within a degree to a fully separate and distinct Bachelors of Science degree.
* Established AESE’s ETAC ABET accreditation as the first-ever in university history, resulting in its status as 1 of only 2 such programs across the United States.

***Senior Academic Program Director – Key Achievements (continued):***

* Transformed the Bachelor of Science in Aeronautics program from 1 degree with 5 concentrations and 1 minor to 3 degrees with 4 concentrations and 5 minors.
* Prompted the program’s above average retention rates for first-time, full-time freshman, including exponential program enrollment growth year-over-year (YOY) (2013 – 2017).
* Augmented team coverage for the program through strategic budget management, resulting in the hire of 7 new faculty members, 5 new staff, and the purchase of 10 new aircraft and one flight simulator.
* Led the department through two rounds of reaffirmation with the Aviation Accreditation Board International (AABI) through comprehensive process mapping and self-study writing.
* Focused and amplified diversity recruitment and retention efforts by dedicating program resources towards support of: annual Air Race Classic (all-female air race), Girls Geared for Engineering summer camp (middle school girls), Nikki Kukwa Memorial Aviation Camp (high school girls), Women in Aviation annual conference, Organization of Black Aerospace Professionals annual conference.
* Remained involved in university-wide operations as an active member of several committees to include the College Advisory Committee, Airport Master Plan Steering Committee, Airport Master Plan Community Relations Committee, Taskstream Implementation Committee, CAEST Review Committee and the ACE International Laboratory.
* Furthered personal knowledgebase to enhance leadership approaches through the completion of elite training at the Ohio Academy Leadership Academy, the HERS Summer Institute, and the Institute for Excellence.
* Often carried academic teaching load of 6 or more hours in additional to other duties.

**Aeronautics Program Coordinator** (2007 – 2008)

Enlisted to design and orchestrate a growing Aeronautics program following 3 years of continual success in professor/faculty roles within the university. Acted as the primary point of contact and decision maker surrounding all course substitution approvals, transfer credit evaluations, and curriculum development. Collaborated closely with faculty and the Senior Academic Program Director regarding full-time teaching appointment/reappointment and undergraduate course inventory management. Remain involved in strategic planning efforts by managing workloads and creating academic schedules applicable to positive experiences for faculty and staff alike.

***Key Achievements:***

* Created and implemented an air traffic control program which has served as a concentration within the university’s existing B.S. in Aeronautics program for the past 8 years.
* Significantly increased programmatic outreach, resulting in subsequent 15 annual Aviation Education Careers summer camps, 8 summer aeronautics camps for girls, and a new Girls Geared for Engineering Camp.
* Serve as the lead for program outreach, fundraising efforts, and research topics with industry partners.
* Continued to teach full NTT course load (15 hours)

**Assistant Professor** (2004 – 2007)

**ACADEMIC COURSES TAUGHT**

At Kent State University:

US 10097 First Year Experience

AERN 25250 Elements of Aviation Weather

AERN 30000 Professional Development in Aeronautics II

AERN 45150 Applied Flight Dynamics

AERN 45151 Applied Flight Dynamics II

AERN 45250 Avionics

AERN 35020 Aerospace Propulsion

AERN 45121 Advanced Aerospace Propulsion

AERN 45396 Professional Development in Aeronautics III

AERN 45700 Aircraft Design

**ACADEMIC APPOINTMENTS**

KENT STATE UNIVERSITY, Kent, OH

**Assistant Professor of Aeronautics, NTT** 2004 – Present

**Adjunct Professor**  2003 – 2004

MARINE CORPS UNIVERSITY 2012 – 2014

**Curriculum Officer, SACA COS Accreditation**

**Adjunct Professor, Expeditionary Warfare School (EWS)** 2007 – 2009

PARK UNIVERSITY, Parkville, MO

**Adjunct Professor**  2000 – 2002

**MILITARY EXPERIENCE**

UNITED STATES MARINE CORPS (USMC)

**Lieutenant Colonel, Commanding Officer – Combat Logistics Battalion 453**  2014 – 2015

**Lieutenant Colonel, Curriculum Officer – Marine Corps University** 2012 – 2014

**Major, Lead Logistics Planner – Marine Corps Forces Central Command, Middle East** 2011 – 2012

**Major, Operations Officer – 4th Landing Support Battalion** 2010 – 2011

**Major, Logistics Officer – 4th Landing Support Battalion** 2009 – 2011

**Major, Commanding Officer** – Landing Support Equipment Company 2006 – 2009

**Captain, Peacetime Wartime Support Officer** – Landing Support Equipment Company 2004 – 2006

**Captain, Officer Selection Officer [Active Duty]** – Kent, OH 2002 – 2004

**Captain, Electronic Countermeasures Officer [Active Duty]**  1996 – 2004

*First-ever female navigator overall and third female navigator in the USMC*

**HONORS & AWARDS**

**ACADEMIC AND INSTITUTIONAL**

**Engaged Department** (2014), Office of Experiential Education and Civic Engagement: In recognition of the work that takes place within Aeronautics for its engagement and dedication to providing assistance to others in their surrounding communities (led the department during this time).

**Faculty Commitment Award** (2014), Office of Experiential Education and Civic Engagement: In recognition of faculty members who committed their time and talents to address community needs through course-based experiential learning and service activities.

**UNITED STATES MARINE CORPS (USMC)**

**Meritorious Service Medal** (2nd award)

**Air Medal, Individual Action** (3rd Award)

**Navy and Marine Corps Commendation Medal** (2nd Award)

**Navy and Marine Corps Achievement Medal**

**National Defense Service Medal** (2nd Award)

**Armed Forces Expeditionary Medal and the Global War on Terrorism Service Medal**

**OTHER**

**Teacher of the Year** (2009), Air Force Association Steel Valley Chapter #372: In recognition of outstanding service and significant contributions to teaching, education, the military, the country and the community.

**RESEARCH, PUBLICATIONS & PRESENTATIONS**

Refereed Journal Publications:

**“Combining Engineering & Engineering Technology Programs into a Single Design Sequence”**

Stringer, D., McFarland, M., *Technology Interface International Journal* (Pub. Date TBD)

Refereed Conference Publications:

**“Combining Engineering & Engineering Technology Programs into a Single Capstone Design Sequence”**

Stringer, D., McFarland, M., IAJC/ISAM International Conference (2016)

**“Veterans’ Contributions to Enhancing the Capstone Learning Experience of Engineering Cohorts “**

Stringer, D., McFarland, M., American Society for Engineering Education Annual Conference & Exposition (2016)

Invited Speaker:

**“Challenges and Opportunities: Academia and Airlines Finding Solutions”**

AABI Special Workshop on the Global Pilot Shortage (June, 2017)

Other:

**“Student Pilot Aptitude as an Indicator of Success in a Part 141 Collegiate Flight Training Program”**

McFarland, M. *Doctoral Dissertation* (2017)

**PROFESSIONAL MEMBERSHIPS AND ACTIVITIES**

**OHIO WOMEN VETERANS COMMITTEE**

Member, 2018 – 2019

**OHIO AEROSPACE & AVIATION TECHNOLOGY COMMITTEE (OAATC)**

Education Sub0Committee Chair and Member, 2nd term 2017 – present

Member, 1st term 2015 – 2017

**6 DISTRICT EDUCATIONAL COMPACT – AERONAUTICS CAREER ACADEMY**

Advisor Board Member, 2010 – present

**POLARIS CAREER CENTER – AERONAUTICS CAREER-TECH PROGRAM**

Advisor Board Member, 2012 – present

**AMERICAN ASSOCIATION OF UNIVERSITY WOMEN**

Member, 2015 - present

**AMERICAN INSTITUTE OF AERONAUTICS & ASTRONAUTICS (AIAA)**

Member, 2006 - present

**AMERICAN SOCIETY FOR ENGINEERING EDUCATION (ASEE)**

Member, 2016 - present

**ASSOCIATION FOR AVIATION PSYCHOLOGY (AAP) (2017 – present)**

Member, 2017 - present

**Member**, IEEE

**Member**, NATIONAL BUSINESS AVIATION ASSOCIATION

**Member**, ORGANIZATION OF BLACK AEROSPACE PROFESSIONALS

**Advisory Board Member,** POLARIS CAREER CENTER – AVIATION ACADEMY

**Member,** WOMEN IN AVIATION, INTERNATIONAL

**INSTITUTIONAL SERVICE**

University Diversity Action Council (2019-present)

University Retention Task Force Coordinating Team (fall 2019 – present)

University Retention Task Force (spring 2019 – present): Subcommittee of Low Enrollment Majors

Search Committee for Career Advisor, Career Exploration and Development (current)

ACE Internationalization Committee – Curriculum Internationalization Workgroup (2017 – Present)

First Destination Survey Team (2017 – present)

Chair, Search Committee for Professor of Aviation Management (2017)

Chair, Search Committee for Aeronautics Secretary (2017)

College of Applied Engineering, Sustainability and Technology Review Committee (2016)

Chair, Search Committee for Professor of Aerospace Engineering (2013)

Chair, Search Committee for Safety Program Manager (2013)

Chair, Search Committee for Assistant Chief Flight Instructor (2015)

Chair, Search Committee for Assistant Chief Flight Instructor (2010)

Chair, Search Committee for Assistant Chief Flight Instructor (2009)

**RESEARCH RELATED APPOINTMENTS**

**Member**, Technical Review Council – Ohio Federal Research Network (2018 - 2019)

**Affiliate Site Director,** Federal Aviation Administration (FAA) – Weather Technology in the Cockpit Program (2011-2014)

**REFERENCES**

AVAILABLE UPON REQUEST