

Angie Griffin

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Pilot, Leader, Educator, Collaborator, STEM Instigator

State Certified Highly Qualified in Education and Aviation

Georgia - PL Education Leadership System-Level (P-12) ID 367609

Texas - Principal (EC-12) ID 2107897

FAA Commercial Rotor CFI - ID 3144740

FAA Airplane Single Engine Land - ID 3144740

FAA Drone 107 Pilot - ID 4275500

Experience

Texas A&M University-Central Texas - Aviation Science Instructor

Teach various undergraduate aviation courses for the Professional Pilot and Aviation Management degree program. Faculty member duties include meeting courses as scheduled, holding regular office hours following COAS policy, submitting syllabi and attendance verification on time, and using significant aviation industry experience as an FAA commercial helicopter pilot and commercial operator to convey experience and knowledge of the professional pilot and aviation management needs, standards, and requirements in course work. Maintain high-quality Southern Association of Colleges and Schools Commission of Colleges (SACSCOC) credentialing standards. Use quality verbal and written academic communication with students while displaying organizational and administrative skills. I maintain a culturally aware and sensitive disposition to communicate appropriately cross-culturally and to multiple ability levels.

National Institute for STEM Education - STEM Leadership Coach

I coach excellence in STEM programs and teaching across organizations through the National Institute for STEM Education (NISE) program to certify teachers, campuses, and STEM teaching districts. I am a competency-based academic coach for the online learning platform. I facilitate work demonstrating proficiency across 27 STEM indicators for organizations in programs developed through the Rice University partnership.

Lockhart ISD - STEM Careers Teacher and Curriculum Developer

Work with district CTE to develop STEM Careers courses for 7th and 8th-grade students. The sections covered are tech apps, audiovisual applications, engineering and design, cybersecurity, a new aviation education unit, and STEM programs from APOA and CAP. Taught 150 students in 6 classes STEM Careers and applications. Develop and implement lesson plans that fulfill the requirements of the district's curriculum program and show written evidence of preparation as required. Prepare lessons that reflect accommodations for individual student differences. Plan and use appropriate instructional and learning strategies, activities, materials, equipment, and technology that reflect an understanding of the learning styles. Conduct assessment of student learning styles and use results to plan instructional activities. Work

cooperatively with special education teachers to modify curricula as needed for students according to Individual Education Plans (IEP). Work collaboratively with other staff members to determine instructional goals, objectives, and methods according to district requirements. Conduct formal and informal assessments of student achievement.

Dragonfly Copters / Dragonfly ETA (education thru aviation)- Owner/ Commercial Helicopter Pilot, CFI - St Simons Island, GA

Created, developed, owned, and operated a helicopter tour company. Duties included handling all aspects of the business, including marketing, bookkeeping and accounting, employee management, helicopter inspection, and daily operations. I offered flight instruction and facilitated STEAM camps on helicopter flying and flight concepts. I flew tours, fairs, frost patrol, aerial photography, and powerline patrol. My duties included business and organization development, piloting commercial helicopter flights, and teaching my self-developed Math & Science R Fly curriculum in schools. I attended the Robinson Pilots Safety Course.

iFly - STEM Instructor - Austin, TX

Teach the science, technology, engineering, art, and math aspects of flying, skydiving, and iFlying through experiential, hands-on activities and guided lectures at preschool, elementary, middle, and high school levels. Work with groups as large as 100 students to assimilate the experience of flying in a high-tech wind tunnel with grade-level specific, TEKS-aligned science, technology, engineering, art, and math curriculum. Assist in curriculum development, presentation, and logistics of larger groups. I have worked with school grant writers to complete projects and enable students to attend this dynamic STEM-focused opportunity.

DroneYou - STEM Instructor - Austin, TX

Teach after-school experiential modules using drones for aviation concepts. Teach preschool to high school skills and knowledge of the art and science of flying. I focused on age and curriculum-appropriate enrichment activities for camps and worked with parents and administrators to develop programs and guide expectations. I created an FAA Drone 107 curriculum for high school drone students to prepare them for the FAA certification.

FlyQuest - Board member and Education Director - Huntsville, AL

Served as education director and board member of a nonprofit with an aviation focus. Carried out FlyQuest's vision to awaken dreams by providing opportunities for young people to pursue aerospace education and careers and experience the joy of flight through education and experiential activities. Shared the region's most sophisticated public full motion 6DOF flight simulator with students. Taught classes to underserved students on all aspects of aviation, careers, and flight ground school. Supported ages 4-18, including school groups, Girl Scouts and Boy Scouts, and other organizations.

The Pinnacle Schools – Education Director - Huntsville, AL

Superintendent and principal of high and middle schools accomplished corporate-wide AdvancED accreditation and Joint Commission mental health facility accreditation. I supervised and mentored teachers and staff for three schools. I counseled motivated and disciplined students. I promoted the continuous improvement and developed programs to meet students' needs. Responsible for student learning, academic success, project-based learning initiatives, STEM, and experiential activities. I developed solid connections

with parents and stakeholders, bridged cross-cultural divides, and grew the shared vision for the school while resolving conflicts that arose. I interfaced with all area high schools, social services, and the community to treat the whole student. I participated in Huntsville City Schools' executive cabinet meetings to collaborate with the school system to create superior transition programs for students returning to home schools. I supervised the development of a charter school with Athens City Schools to educate inmates ages 14-21 in county jails all over the state of Alabama.

Hallie Turner Private School – Director - Columbus, GA

Supervised teachers and staff, promoted school enrollment, evaluated transcripts, counseled, motivated and disciplined students as needed. I maintained the director's records, both monthly and annual reports. I exceeded Georgia Accrediting Commission guidelines and worked with SACS (now AdvancED) on an additional accreditation. I administered standardized testing and kept student academic goals on track, encouraging hands-on experiential academic support. I held the vision for the school and resolved conflicts as needed. I interface with area high schools, social services, and the community across socioeconomic and cultural barriers.

Atlanta Neighborhood Charter School -Guidance Counselor / PE Teacher - Atlanta, GA

In the flagship year, I created a guidance counseling program and innovative activity programs for students and families. Addressed conflict and problem solving for students and parents. I led crisis intervention for parents, staff, and students and therapy groups for students undergoing significant life changes. Taught experiential physical education classes with a problem-solving and creativity growth mindset.

Education

Grand Canyon University - Doctoral Candidate for Doctor of Philosophy in General Psychology with an emphasis in Integrating Technology, Learning, and Psychology. Dissertation topic: Qualitative Narrative Inquiry on what stories high-performing female aviators tell about resilience in career success.

Columbus State University – Ed. S. Educational Leadership

State University of West Georgia - MA Psychology

Stephen F. Austin State University - B.S. Special Education & Psychology

Honors and Skills

- Alpha Chi National College Honor Society and National Honor Society
- Selected as the top recipient of the Whirly-Girls Memorial Scholarship for an instrument rating.
- Selected AdvancED external review team committee member.
- Featured in "Aviation for Women", the publication of Women in Aviation, International in an article, "Flying for a Mission." Jan/Feb 2012
- Technology enthusiast
- Facilitated experiential leadership development workshops in the U.S. and Australia