

ALEX JONES, M.Ed.

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PROFESSIONAL SUMMARY

Strategic STEM education leader with nearly 20 years of experience developing, implementing, and managing high-impact STEM initiatives across school, district, and state levels. Proven expertise in grant management, stakeholder collaboration, and program evaluation with a track record of securing and overseeing \$700,000+ in educational funding. Demonstrated ability to cultivate partnerships, lead cross-functional teams, and drive measurable improvements in STEM education outcomes while promoting equity and access in underserved communities.

CORE COMPETENCIES

Strategic Planning & Program Management

- STEM Initiative Development & Implementation
- Grant Management & Budget Oversight (\$700K+ managed)
- Cross-Functional Team Leadership
- Performance Monitoring & Data-Driven Decision Making

Partnership Development & Stakeholder Management

- External Partner Cultivation & Relationship Management
- Multi-Stakeholder Communication & Coordination
- Community Engagement & Outreach
- Executive-Level Presentation & Briefing Materials

STEM Education Expertise

- K-6 Science & STEM Curriculum Development
- Professional Development Design & Facilitation
- Educational Technology Integration
- Culturally Responsive Pedagogy & Equity Initiatives

PROFESSIONAL EXPERIENCE

STEM Lab Teacher | *Marion School District, Marion, AR* | July 2024 - Present

- **Program Leadership:** Develop and implement comprehensive STEM curriculum reaching 650+ K-6 students weekly, demonstrating scalable program design capabilities
- **Cross-Functional Collaboration:** Lead collaborative partnerships with classroom teachers to integrate STEM concepts across core instruction, improving student engagement and academic achievement

- **Technology Integration:** Design and facilitate technology-enriched learning experiences that promote critical thinking and problem-solving skills aligned with 21st-century workforce needs

Science Content Specialist | *Massachusetts Department of Elementary and Secondary Education* | January 2022 - July 2023

- **Grant Program Management:** Managed \$700,000 Elementary OpenSciEd grant program, overseeing budget allocation, implementation strategies, and performance metrics across 10+ districts
- **Federal Partnership Management:** Partnered with U.S. Department of Education Green Ribbon Schools Program to evaluate and select exemplary Massachusetts schools and districts for national recognition, focusing on environmental sustainability, health and wellness, and effective STEM education integration
- **National STEM Excellence Evaluation:** Served on Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) committee for National Science Foundation, interviewing application reviewers, scoring applications, and assisting in candidate selection for the nation's highest honor for STEM educators
- **Strategic Initiative Leadership:** Led Science, Technology, and Engineering portion of CURATE (Curriculum Ratings by Teachers), developing comprehensive evaluation protocols and implementation frameworks
- **Technical Assistance Program Development:** Created and implemented statewide technical assistance programs supporting districts in science improvement initiatives, resulting in enhanced educational outcomes
- **Professional Development Facilitation:** Designed and facilitated professional development webinars for educators across Massachusetts, reaching 1,000+ education professionals
- **Strategic Partnership Development:** Established and managed partnerships with science consultancies to enhance professional learning offerings statewide
- **Equity Initiative Advocacy:** Championed educational equity initiatives and culturally responsive science pedagogy across Massachusetts schools, supporting underserved communities

Science/STEM Lab Teacher | *Houston ISD* | August 2014 - September 2021

- **Program Development & Management:** Designed and implemented district-aligned science curriculum for 650+ K-5 students, demonstrating ability to manage large-scale educational programs
- **Grant Acquisition & Management:** Secured and managed \$7,000 Houston ISD Foundation Innovation Grant to enhance STEM program offerings, showcasing fundraising and budget management capabilities
- **Professional Development Leadership:** Developed and led professional development sessions on inquiry-based science instruction, building educator capacity district-wide
- **Data-Driven Program Improvement:** Supported school improvement initiatives through systematic data analysis and instructional adjustments, ensuring program effectiveness and continuous improvement

Educational Technology Specialist | *Pearland ISD* | July 2013 - May 2014

- **Multi-Campus Program Coordination:** Coordinated technology integration initiatives across three K-4 elementary campuses, managing complex implementation timelines and stakeholder communications
- **Professional Development Design:** Designed and delivered comprehensive professional development on instructional technology applications, enhancing educator capacity
- **Strategic Planning Collaboration:** Collaborated with administrators to develop technology implementation plans aligned with district goals and measurable outcomes

Special Projects Coordinator | *Fort Bend ISD* | February 2012 - June 2013

- **Large-Scale Initiative Management:** Served on iAchieve Leadership Team overseeing \$16M district-wide technology initiative, demonstrating experience with substantial budget management and cross-functional leadership
- **Project Planning & Execution:** Created comprehensive implementation timelines and deliverables for science e-curriculum development, ensuring project success and stakeholder alignment
- **Multi-Stakeholder Communication:** Led communication efforts between 70+ content writers, pilot teachers, administrators, and parents, showcasing exceptional stakeholder management skills
- **Program Evaluation & Quality Assurance:** Monitored project implementation and conducted program evaluation to ensure fidelity and effectiveness

Education Specialist | *Region 4 Education Service Center* | March 2010 - February 2012

- **Curriculum Development:** Developed eLearning curricula and courses for educator professional development, demonstrating instructional design expertise
- **Cross-Functional Collaboration:** Collaborated with regional service center staff to align offerings with district needs, ensuring responsive program development
- **Technical Program Management:** Managed technical requirements of online course delivery platform, showcasing technology integration capabilities

Professional Development & Mentoring Experience | *Houston ISD* | 2006 - 2010

- **Instructional Coaching:** Provided comprehensive instructional coaching to beginning teachers across multiple campuses
- **Program Enhancement:** Contributed to program enhancement initiatives through data collection, analysis, and evidence-based recommendations
- **Curriculum Development:** Developed and implemented hands-on science curriculum aligned with state standards, serving as foundation for district-wide adoption

EDUCATION & CREDENTIALS

EDUCATION

- Master of Education, Curriculum and Instruction - Teaching | University of Houston, Houston, TX
- Bachelor of Science, Interdisciplinary Studies | University of Houston, Houston, TX
 - GPA: 3.62/4.0, Magna Cum Laude

CERTIFICATIONS

- Arkansas: PreK-6 Generalist, ESL (K-12), Building Level Admin (PreK-12)
- Texas: EC-6 Generalist, EC-6 ESL, Principal (EC-12)

GRANTS & PUBLICATIONS

GRANT MANAGEMENT EXPERIENCE

- **Massachusetts Elementary OpenSciEd Grant:** \$700,000
- **Arkansas Wildlife Grant:** \$2,015
- **EAST Initiative Grant:** \$115,000
- **Houston ISD Foundation Innovation Grant:** \$7,000

PUBLICATIONS

- Jones, A. (2010). Science via photography: Using digital media to enhance animal adaptation and diversity lessons. *Science and Children*, 47(5), 26-30.

PROFESSIONAL AFFILIATIONS

- Texas Computer Education Association (TCEA)

Available for relocation to Houston, TX area. Committed to advancing STEM education excellence and equity through strategic partnerships and innovative program development.