

## JOHN SCHMITT, BS, MS

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*"Serving humanity through adaptive leadership and inspiring unconventional thought"*

### PROFESSIONAL PROFILE

Thriving in complex and unconventional environments, an accomplished and results-driven disruptive executive leader. Proven record of diverse leadership, from successful entrepreneurship to strategic and executive level steering of large organizations. An established history of executing demanding and non-traditional projects, fostering high-performance teams, building organizational culture, change management, and creating pioneering solutions for esteemed enterprises.

- **Recognized in industry for Subject Matter Expertise** across Research and Development, Technology Commercialization, Engineering Innovation, Civic Development, Project Management, Operations, and Strategic Planning. Other strong skills include; microbiology, immunology, leadership development, workforce development, communication, building/retaining high performing workforces, aerospace, and defense.
- **Adept at cultivating partnerships and building trusted relationships across business sectors**, including effective communication and interpersonal skills to explain technical concepts clearly to diverse stakeholders such as community groups, review committees, or elected officials.
- **Unparalleled ability to build small impactful teams as well as lead large and diverse organizations.** Skilled in driving high performance in both resource-limited environments and when managing substantial budgets. Proficient in creating strategic organizational road mapping, optimizing operations, implementing cost-saving strategies, and overseeing life cycle sustainment and modernization initiatives.

### AREAS OF EXPERTISE

Executive Leadership – Strategic & Operational Planning – Entrepreneurship – Program Management  
Technology Commercialization – Public Speaking – Government Relations  
Crisis Management – Team Building – Leadership Development – Leading Cross-functional Teams

### PROFESSIONAL EXPERIENCE

**CHIEF EXECUTIVE OFFICER** 2024 to Present

**CHIEF OPERATING OFFICER** 2021 to 2024

***ixpressGenes - Executive leadership of startup biotechnology company serving survivors of trauma through clinical application of biopsychology***

- Responsible for product commercialization of a clinically relevant biochemical screening tool enabling early intervention for survivors of trauma before the physiological and psychological impacts of trauma present.
- Developed business strategy, product commercialization, sales, regulatory compliance, governmental affairs, and investor relations in early stages product development and launch.

**EXECUTIVE DIRECTOR / FOUNDER** 2020 to 2024

***Advanced Manufacturing Innovation and Integration Center (AMIIC) (amiic.us) - Founding Executive Director for the 501c3 non-profit advanced manufacturing center of excellence, dedicated to accelerating the adoption of advanced manufacturing and building the workforce of North Alabama.***

- Established vision, facility, partnerships, and generated self-sustaining revenue within 18 months in a previously undeveloped market.
- Spokesperson, champion, and technical liaison for all aspects of program development and deployment including federal, state, and local government collaboration, industry partnerships, training resources, research and development, organizational support and subject matter expertise in advanced manufacturing, digital engineering, as well as DoD weapon system development and acquisition.

**FOUNDER / LEAD STRATEGIST** 2018 to Present

***Schmitt Consulting Group LLC - Founder and Chief Consultant In Areas of Technical, Program Management, Marketing and Business Development***

- Serving as an integral team member for commercialization, technology transfer and advisor on multiple emerging technology, community focused, advanced manufacturing, aerospace, defense, and biotechnology projects.

**PRODUCT MANAGER (CH-47F BLOCK II HELICOPTER)** 2017 to 2020

**United States Army, Program Exec. Office Aviation - Chief executive responsible for all aspects of cost, schedule and performance of the engineering, manufacturing & development phase of a one-of-a-kind \$1 Billion-dollar+ defense aviation program.**

- Led, planned, coordinated and synchronized through all aspects of a collaborative and complex technical aerospace development program with multiple technology integration projects across dozens of contracts.
- Culminated in the delivery of three prototype helicopters entering an aggressive flight test program all **executed below cost and ahead of the baseline schedule** while leading a diverse, multi-disciplined and dynamic team of 100+ professionals across multiple agencies in a very dynamic and fast paced environment executing across a wide landscape of technical, manufacturing, program management, testing and engineering disciplines.

#### **DEPUTY DIRECTOR**

2015 to 2017

**United States Army, Aviation & Missile Center - Senior advisor and deputy of the largest US Army research and development laboratory with a \$3 Billion annual budget and a diverse 10,000 strong technical workforce**

- Executive and strategic leadership in all activities including technology application, budgeting, infrastructure, policy, manpower, and stakeholder management.

#### **ASSISTANT PROFESSOR - CHEMISTRY AND LIFE SCIENCE**

2009 to 2012

**United States Army, United States Military Academy - Course director, departmental leader and instructor in the Department of Chemistry & Life Science.**

- Developed, implemented and led a progressive curriculum overhaul serving 1200 students annually and instructed 16 chemistry classes across 6 semesters including remedial students as well as classes on topics ranging from leadership to ethics.

#### **ADDITIONAL PROFESSIONAL EXPERIENCE**

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Two Tour Iraq Combat Veteran as Tactical and Operational Level Military Combat Leader, Helicopter Pilot, Maintenance Test Pilot, and Aviation Liaison Officer - United States Army at Fort Campbell, KY / Mosul, Iraq (2000-2009)

#### **ADVISORY BOARD POSITIONS**

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University of Alabama, Huntsville College of Science (2024-present)

Alabama School of Cyber Technology and Engineering (2022-present)

GeneCapture ([genecapture.com](http://genecapture.com)) 2020-present

Rocket City Civil Rights ([rocketcitycivilrights.org](http://rocketcitycivilrights.org)) 2020-present

Inner Defense Initiative ([innerdefense.org](http://innerdefense.org)) 2019-present

Little Orange Fish ([littleorangefish.org](http://littleorangefish.org)) 2019-present

#### **EDUCATION & PROFESSIONAL DEVELOPMENT**

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Master of Science – Microbiology and Immunology (Vanderbilt University Medical School – 2009)

Bachelor of Science – Biological Sciences (University of California, Davis – 1999)

Leadership Greater Huntsville (Leadership-31, Focus-34)

#### **PUBLICATIONS, HONORS & ACCOLADES**

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Schmitt J., Karalewitz A., Benefield D. A., Mushrush D. J., Pruitt R. N., Spiller B. W., Barbieri J. T., Lacy D. B. (2010) Structural analysis of botulinum neurotoxin type G receptor binding. *Biochemistry* 49, 5200–5205.

Little, A and Schmitt J. *While They Were Sleeping*, Listen Local (2019)

Legion of Merit, Bronze Star; Meritorious Service Medal (2); Air Medal (4); Army Commendation Medal (2); Global War on Terrorism Expeditionary Medal; Iraq Campaign Medal; Combat Action Badge; Basic Parachutists Badge; Air Assault Badge; Order of St. Michael Bronze Award; Eagle Scout