

Jon H. Brasher

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Professional Summary

Research and development executive with over 17 years of experience leading applied materials innovation, laboratory coordination, and commercialization in corrosion-resistant coatings and emerging quantum instrumentation. Proven expertise in managing multi-institution R&D programs, publishing peer-reviewed studies, and bridging the gap between research, engineering systems, and market applications.

Education

Master of Business Administration — Auburn University, Auburn, AL

- Graduate Research Assistant, *Center for International Commerce*
- Capstone Project – "Foreign Licensing Agreements as a Mechanism for Technology Transfer in Alabama Businesses"

Bachelor of Arts, Hospital Administration & Finance — Auburn University, Auburn, AL

- Undergraduate research: *Innovation and Development of Prosthetics and Robotic Systems for Medical Applications*

Professional Experience

Founder & Executive Director – Stello Scientific Foundation (2025-Present)

Established Stello as a US 501(c)(3) non-profit research foundation. Currently building the Ovante Time Study Logger (OTSL) Network. Presenting a paper on this project for the Global Physics Innovation Conference (GPIC) 2026 in Rome, Italy.

President & Chief Technical Officer — Ovante LLC (2006–Present)

- Spearheaded the development and commercialization of an advanced, sustainable plastisol coating system, tested by independent labs to exceed a 50-year service life.
- Led cross-functional R&D with Duke Energy and Alabama Power to demonstrate coating performance in field applications.
- Managed patent, trademark, and IP portfolios in coordination with counsel.
- Published and presented multiple technical papers at AMPP/NACE and IEEE conferences.
- Oversaw all Ovante production, quality, and business operations related to production for national utility, energy, and environmental engineering clients.

Field & Media Research Coordinator II — Auburn University (2007–2021)

- Organized and analyzed data from statewide crop variety trials; published annual reports for

cotton, corn, soybeans, and grains.

- Built and maintained AlabamaVarietyTesting.com and AlabamaCrops.com, improving data dissemination to growers and seed companies.
- Installed and managed field weather stations for 16 research centers.

Selected Research & Publications

- Brasher, J.H. (2025). "Advancements in Durable Plastisol Coatings: Enhancing Performance and Economic Viability for Electric Vehicle Applications." AMPP Corrosion Conference 2025.
- Brasher, J.H. (2025). "Enhanced Plastisol Coatings for Concrete Reinforcement: Application, Testing, and Future Insights." AMPP Corrosion Conference 2025.
- Cole, K. (2025). "Revolutionary Coating Could Target EV Corrosion." Materials Performance Magazine.
- Brasher, J.H., Gamble, A., Monks, D. (2021). "Use of Halophytes to Manage Soil Characteristics in Joint Use Environments." AMPP Corrosion Conference 2021.
- Annual variety testing reports, Auburn University, 2014–2021 (multiple authorships).
- Current research: development of the Ovante Time Study Logger (OTSL) for monitoring temporal coherence and time drift anomalies.

Professional Leadership

- Chair (2019-2021), STG-41 Energy Production, Transmission & Distribution Standards Committee, NACE
- Chair (2017-2021), IEEE-PES/NACE Working Group 12 on Corrosion Management
- Chair (2016–2021), NACE International Symposium on Power Industry Corrosion
- Vice-Chair (2015-2019), NACE Technical Exchange Group on Corrosion Management

Technical Skills

R&D Management • Materials Science • Corrosion Testing (ASTM/AMPP) • Statistical Analysis (R, Excel, Python) • Systems Engineering • Proposal Writing (SBIR/STTR) • Patent Strategy • Data Analytics • Instrumentation & Sensor Design

Personal

Musician, published novelist, inventor; conversational in French.