

Welcome!
**3rd Industrial Process Emissions
Reduction (IPER) Workshop**

30 JANUARY 2024
SAN ANTONIO, TEXAS

BEN H. THACKER, PHD, PE
**VICE PRESIDENT, MECHANICAL
ENGINEERING**



ADVANCED SCIENCE. APPLIED TECHNOLOGY

swri.org

Southwest Research Institute

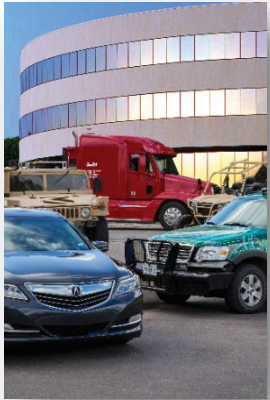
One of the largest (by revenue), broadest (by technologies), and deepest (by expertise) independent nonprofit applied research & development organizations in the United States

*Deep Sea to
Deep Space®...*



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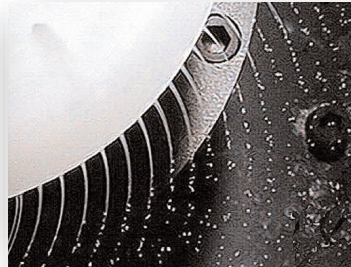
...And Everything Between



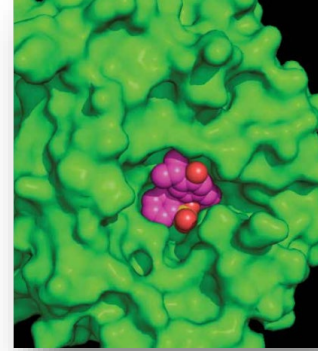
Autonomous Vehicles



Robotics



Micro- and Nano-Encapsulation



In Silico Drug Screening



Water & Geological Engineering



O&G Engineering



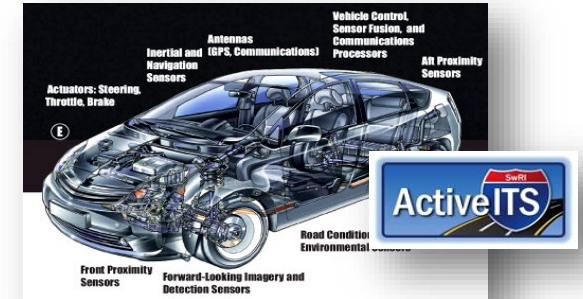
Clinical Materials Manufacturing



Fire Protection Technologies



Clean Energy Research



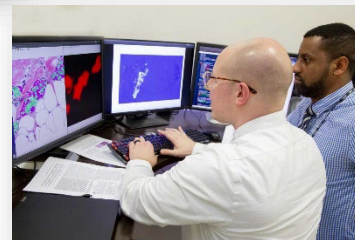
Infrastructure Communications



Engine Design, Optimization, & Hybridization



Recycling Technologies



Artificial Intelligence & Machine Learning Diagnostics

Environmental Sampling, Analysis, & Monitoring

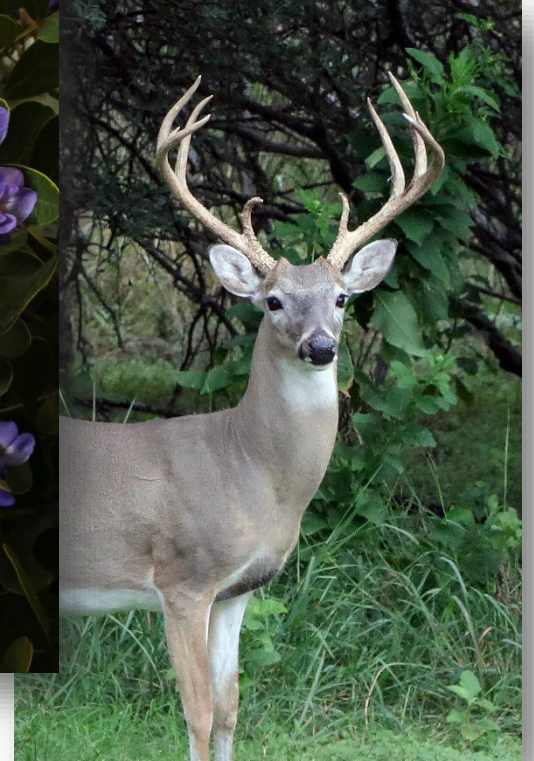


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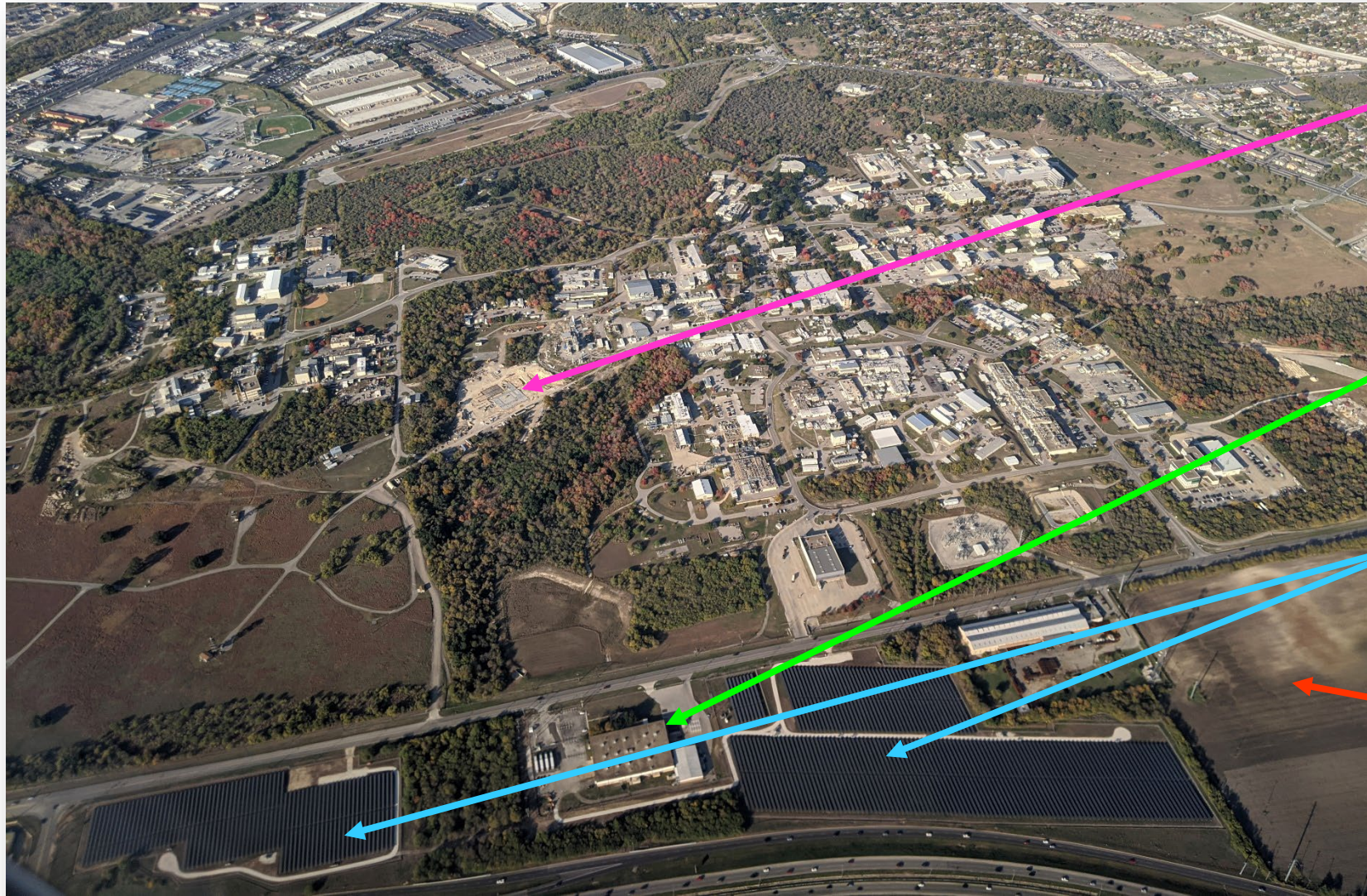
Business Model

- 501(c)(3) tax-exempt status
 - Not for profit, but
 - Not for loss
- Revenue from contracts and grants
 - No “endowment” fund
- Robust Internal Research and Development (IR&D) program
- Collaborative
 - Created more consortia than any other organization in the United States



Natural Beauty on the SwRI Campus

Campus Overview



STEP Demonstration Power Plant

Energy Storage Technology Center (10 MW Grid Energy Storage)

~50 Acres of Solar Panels

~252 Acres Property



Thank you!

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