

OARS - Industry Innovation Initiative

<u>Principal Investigator</u>	<u>Organization</u>	<u>Project Title</u>	<u>Total Budget</u>
Rick Pendergraft	Simergent	Human Factors and Verification Testing of a low-cost home dialysis system.	\$ 500,000
Jeff Potts	Xironetic	Enhancing medical training with collaborative augmented reality	\$ 268,968
Jay Martin, CP, FAAOP	Slingshot Bionics, LLC	Limb Prosthetics Using Structural Fabrics	\$ 500,000
Danny Daniels	Nitro-Lift Technologies LLC	Produced Water Treatment Using Advanced Solar Energy Trapping and Wettability-Controlled Boiling Technologies	\$ 499,940
Maruthi Devarakonda	Baker Hughes	Failure Avoidance in Battery Stacks using 3D Computed Tomography Inspection to Enable CHemistry Agnostic PROtocol for CharginG Electric Vehicles (FASTCHARGE)	\$ 218,392
Mayokun Ayodele	Weaver Labs	Development of high affinity novel Fluor Mop adsorbent for the rapid removal of perfluorinated chemicals from groundwater	\$ 215,000
Daniel Broadfoot	Bedrock Ventures	H24OK - THE FIRST HYDROGEN-CNG FUELING STATION IN OKLAHOMA	\$ 499,215
Tony Cai	Fractionation Research, Inc.	FARM: Fast, Accurate, Robust Fault Detection and Diagnosis Software for Industrial Distillation Monitoring	\$ 136,000
Kris Wall	Critical Fault, Inc.	Collaborative Penetration Testing Platform - Chain of Command	\$ 210,000
Hossein Khaleghian	InfraTie Solutions, LLC.	Developing a Smart Virtual Assistant-Enabled Sewer Asset Management Tool	\$ 244,400
Tony Cai	Fractionation Research Inc. (FRI)	Improving Distillation Column Efficiency by Optimization of Vapor Distribution using an AI and CFD enabled Digital Twin System	\$ 159,243
Craig Shimasaki	Moleculera Labs, Inc.	Development of a Treatment Predictive Algorithm for Diagnosing and Treating Autoimmune Neuropsychiatric Disorders	\$ 500,000
Blake Bixler	Senslytics Corporation	Intuition AI for Corrosion Monitoring	\$ 500,000
Tim Thornton	Tactical Electronics and Military Supply LLC	Commercialization of the NOMAD Remote Operated Surface Vehicle (ROSV) for Modular Applications Across Various Industry Sectors	\$ 459,500
John Tidwell	XploSafe	Commercialization of Airosorb™ regenerative air purification medias for removal of odorous and toxic air pollutants from indoor air	\$ 500,000
Curt Foster	Bluejay Acquisitions, LLC	Bluejay Enhanced Digital Interface Market Launch	\$ 499,994
Penny Macias	Helmerich & Payen	Automated Drill Cuttings Analysis for Geothermal Well Optimization	\$ 375,494
Dylan Gary	MaxQ Research LLC	Non-battery powered on-demand plasma thawing device for massive transfusion care	\$ 336,613
Todd Miller	Trece, Incorporated	Manufacturing Process Development	\$ 397,950
Jared Cuneo	Infinite Composites Inc.	Infinite Composite Pressure Vessel for High-Pressure Hydrogen Storage	\$ 470,748

Intern Partnership Program

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Matias Mendez	EST	ENHANCING ASPHALT MIX DESIGNS FOR LONGER LASTING PAVEMENTS	\$ 59,938
Susan Moring	Cortado Ventures	Cortado Ventures intern program	\$ 29,970
Salah Hamim	Structured Ions, LLC	Investigating Structural Supercapacitor's Design and Performance for Aerospace Applications	\$ 29,120
Cody Crow	Volt Labs Inc	Advancing Military Communication and Technical Expertise through Data Science Internship	\$ 60,000
Jacob Fister	Skydweller	Dual-Polarization Sense and Avoid Radar Development	\$ 28,800
Sean Rieb	Skydweller US Inc	Solar Cell Testing Internship	\$ 28,800
Wes Lentz	Skydweller US	CYBERSECURITY ENGINEERING INTERNSHIP	\$ 27,000
Quinn Bierman	Air Hygiene International, Inc.	Fabrication, Repair, & Integration Air Emissions Test Equipment	\$ 60,000
Tyler Pearson	Intertribal Health Innovation Institute	Improve Health Equity in Indian Country	\$ 30,000
Shawn Lay	Layco Electric Innovations	Automate Packaged Building Design using Autodesk Inventor	\$ 36,400