



FOR IMMEDIATE RELEASE

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Activated Research Company Awarded Competitive Grant from the National Science Foundation

America's Seed Fund Powered by NSF Provides Funding for R&D; Helps small businesses move innovations out of the lab and into the market

Eden Prairie, MN – May 2, 2019 - Activated Research Company (ARC) has been awarded a National Science Foundation (NSF) Small Business Innovation Research (SBIR) Phase II grant for \$714,151 in order to deliver the Solvere™ Carbon Selective Detector (CSD) for liquid chromatography to the global scientific market.

The Solvere has the potential to directly and positively impact the speed of new drug development and lead to cleaner and more advanced pharmaceuticals. The uniform response will be a game-changer in chemical analysis, allowing scientists to quantify their compounds of interest with minimal-to-no calibration. The enhanced detection capabilities of the Solvere will have great and lasting impacts to the global scientific community and society as a whole; this is best described by a current HPLC user in the drug discovery market, "[ARC's] technology would be completely disruptive, it would change the paradigm of how pharmaceutical analysis is performed."

"The National Science Foundation supports startups and small businesses with the most innovative, cutting-edge ideas that have the potential to become great commercial successes and make huge societal impacts," said Graciela Narcho, Acting Director of the Division of Industrial Innovation and Partnerships at NSF. "We hope that seed funding will spark solutions to some of the most important challenges of our time across all areas of science and technology."

Small businesses can receive up to \$1.5 million in funding from NSF. Companies must first have received a Phase I award (up to \$225,000) to become eligible to apply for a Phase II grant (up to \$750,000) to further develop and commercialize the technology. Small businesses with Phase II grants are eligible to receive up to \$500,000 in additional matching funds with qualifying third-party investment or sales.

Small businesses with innovative science and technology solutions, and commercial potential across almost all areas of technology are encouraged to apply. All proposals submitted to the NSF SBIR/STTR program undergo a rigorous merit-based review process. NSF's deadlines for Phase I small business proposals occur twice annually, in June and December.

To learn more about the NSF SBIR/STTR program, visit: seedfund.nsf.gov.

For more information on this special topic or to learn more about ARC, please visit www.activatedresearch.com

Activated Research Company

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About Activated Research Company

ARC was founded in 2014 with a mission to make chemical analysis easy. ARC's products improve analytical workflow and open new capabilities in the laboratory by harnessing the latest in additive manufacturing and catalytic technologies. The Polyarc[®] system, released in 2015, is the world's first universal carbon detector allowing for compound independent calibration and streamlined analyses. The Jetanizer, released in 2017, is the world's simplest methanizer, allowing for the analysis of CO, CO₂, and formaldehyde with unparalleled detection limits and ease. The Solvere[™] is bringing universal carbon detection to liquid chromatography (LC) in 2019. The Polyarc system is currently available from Agilent Technologies in North America.

About the National Science Foundation's Small Business Programs: *America's Seed Fund powered by the National Science Foundation (NSF) awards nearly \$200 million annually to startups and small businesses, transforming scientific discovery into products and services with commercial and societal impact. Startups working across almost all areas of science and technology can receive up to \$1.5 million in non-dilutive funds to support research and development (R&D), helping de-risk technology for commercial success. America's Seed Fund is congressionally mandated through the Small Business Innovation Research (SBIR) program. The NSF is an independent federal agency with a budget of about \$8.4 billion that supports fundamental research and education across all fields of science and engineering.*

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