

ReElement Technologies LLC Bolsters and Expands Team with Key Hires

Jeff Peterson promoted to Chief Operating Officer; Dr. Yi Ding joins as Director of Research & Development; Chris Moorman joins as Chief Commercial Officer

FISHERS, INDIANA, UNITED STATES, August 4, 2022 /EINPresswire.com/ -- [ReElement Technologies LLC](#), A majority owned subsidiary of [American Resources Corporation](#) (NASDAQ:AREC), a producer of magnet and battery grade rare earth and critical elements utilizing high value patents and technology for the electrified economy, today announced the Company has promoted Jeff Peterson to Chief Operating Officer and expanded the ReElement team with the addition of Dr. Yi Ding as Director of Research & Development and Chris Moorman as Chief Commercial Officer.



Mark Jensen, CEO of ReElement Technologies commented, "We are excited to move aggressively and strategically to expand our Company coming off of an exciting event of commencing commercial operations at our initial rare earth and battery element purification facility. Companies are built by a collective group of individuals that share a similar passion, drive and effort to succeed, and there is no better person to lead the operations of ReElement than Jeff Peterson, given his demonstrable performance to date. He has proven his ability to lead by example and prioritize what is needed to create success for our operations and shareholders alike. Similarly, Yi has worked with our team during his tenure at Purdue University and is a substantial reason as to why we have been successful in commercializing the first isolation and purification facility in the United States for rare earth and battery elements. We couldn't be happier to have him join the team full-time to continually drive our business forward in this fast-paced environment. Finally, Chris is a man of action that is driven, aggressive and

entrepreneurial which are all key attributes in what it takes to drive sales and build supply chain relationship as we pioneer in building the industry and marketplace for domestic and sustainable rare earth and battery elements that are produced at magnet and battery grade in the United States. Chris will be key to our planned aggressive expansion to securing and finalizing agreements with feedstock and offtake partners. With our growing team, I am confident that the path that we set will build tremendous value for our investors, customers and industry as a whole.”

ReElement Technologies is committed to leading the domestic supply chain for rare earth and battery elements in the electrified economy. The company has proven that its patented chromatographic separation and purification is a low cost, scalable, flexible and environmentally safe replacement to the existing environmentally and socially toxic alternatives used around the globe for rare earth and critical element isolation and purification. As the Company executes and scales the production at our facilities, we will significantly reduce the United States’ dependency on foreign nations for the supply of these critical raw materials while also creating a true circular life-cycle solution.

Learn more about ReElement Technologies’ process and technology here - [Video](#).

Jeff Peterson – Chief Operating Officer

Jeff brings nearly 20 years of experience including operations, engineering, sales, and product development to ReElement Technologies LLC. He began his career as a Commissioned Officer in the United States Navy serving onboard nuclear-powered submarines. After resigning his Commission, Jeff joined Westinghouse Electric Company where he served as part of the engineering and licensing team in the design and U.S. Nuclear Regulatory Commission approved licensing of a first-of-its-kind Generation III+ pressurized water reactor for commercial electricity generation. Jeff then joined Cyient where he was rapidly promoted to sales, strategy, and product development leadership roles. He most recently worked with Hitachi Vantara as part of the North American sales team, selling digital transformation initiatives into key industrial markets. Jeff is a graduate of Purdue University and has his Master of Business Administration from the Joseph M. Katz Graduate School of Business at the University of Pittsburgh.

Dr. Yi Ding – Director of Research & Development

Dr. Yi Ding received his bachelor’s degree in chemical engineering from Tsinghua University in Beijing in 2016 and Ph.D. from Purdue University in 2021. Before joining ReElement, he worked as a postdoctoral research associate at Purdue University. His research focused on multi-dimensional, multi-mode chromatography for the separation and purification of critical materials including authoring and co-authoring 9 journal publications as well as serving as co-inventor for 3 provisional patent applications. Yi is also the recipient of the 2021 American Institute of Chemical Engineering Separation Division Graduate Student Research Award. Through his research and development efforts, Yi has set out to prove the clean and efficient chromatography processes for critical materials purification can provide the driving force for a sustainable and circular economy.

Chris Moorman – Chief Commercial Officer

Chris Moorman brings a wide range of experience to his role as Chief Commercialization Officer. Since learning risk management as a commodity options market maker on the floor of the NYMEX, Chris has founded and exited several companies in a variety of industries from data center development to consumer package goods to artificial intelligence platform design. His experience in new market development will be critical in the formation of the domestic circular supply chain for the electrification economy. He is a graduate of Purdue University and serves on the boards of Fishing's Future, a national leader in Angler Education, and the Kurt Vonnegut Memorial Library.

About ReElement Technologies LLC

ReElement Technologies LLC is redefining how critical and rare earth elements are both sourced and processed while focusing on the recycling of end-of-life products such as rare earth permanent magnets and lithium-ion batteries, as well as coal-based waste streams and byproducts to create a low-cost and environmentally-safe, circular supply chain. American Rare Earth has developed its innovative and scalable "Capture-Process-Purify" process chain in conjunction with its licensed intellectual property including 16 patents and technologies and sponsored research partnerships with three leading universities to support the domestic supply chain's growing demand for magnet and battery metals. For more information visit reelementtech.com or connect with the Company on Facebook, Twitter, and LinkedIn.

About American Resources Corporation

American Resources Corporation (NASDAQ:AREC) is a next-generation, environmentally and socially responsible supplier of high-quality raw materials to the new infrastructure market.

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