



Peroxygen Systems, Inc. Secures Licensing Agreement with UTRF

Knoxville start-up [Peroxygen Systems Inc.](#), winner of the 2016 “Tennessee Venture Challenge,” has entered into a licensing agreement with the University of Tennessee Research Foundation (UTRF) to commercialize the onsite hydrogen peroxide production process.



Since winning the [April TVC competition](#), the start-up has pilot-tested a medium-size prototype that produced a 50 percent savings over the traditional option currently available and secured a U.S. Department of Energy ARPA-E grant for \$500,000 in seed funding that will advance its efforts to bring a solid prototype to market. Knoxville startup and 2016 Tennessee Venture Challenge winner Peroxygen Systems, Inc. has entered into a licensing agreement with the University of Tennessee Research Foundation

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Peroxygen Systems, Inc. was founded by Ming Qi, former postdoctoral researcher and Ph.D. student at the University of Tennessee, and [Tom Zawodzinski](#), holder of one of the Governor's Chairs at the University of Tennessee and Oak Ridge National Laboratory. Their company's clean, breakthrough technology for onsite, on-demand hydrogen peroxide production has the potential to reduce the cost of production by fifty percent, as well as eliminate all cost and safety problems associated with the shipping and handling of high concentration hydrogen peroxide.



**Dr. Thomas A.
Zawodzinski**



Dr. Ming Qi

Dr. Qi and Dr. Zawodzinski have been collaborating with UTRF for some time to develop their technology for

commercial use. UTRF has been a mentor for the startup, offering guidance on the patent process as well as business coaching. The support paid off when Peroxygen Systems,

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that produced a 50 percent savings over the traditional option currently available. Dr. Qi and Dr. Zawodzinski are working on scaling-up to a larger size prototype for commercial use and plan to conduct a small scale customer pilot. They were recently approved for a Department of Energy ARPA-E grant for \$500,000 in seed funding that will advance their efforts to bring a solid prototype to market.

Dr. Qi and Dr. Zawodzinski plan to keep Peroxygen Systems, Inc. based in the Knoxville area to take advantage of the rich supply of talent and technology resources available to them at Oak Ridge and at the University of Tennessee. Their company is currently renting laboratory and office space in the Fairview Technology Center, a business incubator located along the Knoxville/Oak Ridge Technology Corridor.

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