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HTI HIRES DR. ISAAC V. FARR & DR. TILAK GULLINKALA

Hydration Technology Innovations (HTI) has hired two very experienced PhD Scientists to further the success of its R&D initiatives

ALBANY, Ore./SCOTTSDALE, Ariz. (September 1, 2010) - Hydration Technology Innovations, LLC (HTI) In addition to opening its new membrane research & development facility in Corvallis, Oregon, has just hired two accomplished PhD Scientists to join their R&D team. HTI is very excited to welcome Dr. Isaac V. Farr and Dr. Tilak Gullinkala.

Dr. Isaac V. Farr is the new Director of Research and Development for HTI and brings a diverse R&D background and a broad range of experience in applying chemical and engineering solutions to product development and system design challenges. Previously, as a Materials and Technology Development Scientist in Hewlett Packard's New Business Creation Group, he lead several cutting edge research projects ranging from nanocomposite systems for life science and 3D printing applications to fluid formulation design of inks and light-curable adhesives. Prior to HP, Dr. Farr designed and characterized new membrane materials for gas separation applications in conjunction with Air Liquide during his graduate work at Virginia Tech. He received his PhD in polymer chemistry from Virginia Tech in 1999 and a BS in chemistry from Oregon State University in 1995. He has authored over 45 publications and holds 36 US patent filings.

Dr. Tilak Gullinkala, the new Senior Polymer Chemist of HTI, brings strong industry knowledge of membrane chemistry. He has published journal articles and book chapters on fouling control in membrane desalination and designed fouling control surface modifications for cellulose acetate membranes. Dr. Gullinkala is a reviewer for Environmental Progress and Sustainable Energy, a publication on critical issues in environmental management. He also co-invented anti-biofouling spacer technology for reverse osmosis (RO) applications. Dr. Gullinkala worked as a Research Assistant evaluating polyethylene glycol (PEG) grafting for increased membrane performance at the University of Toledo in the Department of Chemical & Environmental Engineering. He also was a Process Engineer at Nagarjuna Agrichem Ltd in India. Dr. Gullinkala received his PhD in Chemical Engineering in 2010 from the University of

Toledo and a BS in Chemical Engineering in 2003 from Andhra University, in Visakhapatnam, India.

HTI's Chief Executive Officer, Walter Schultz stated "We are extremely pleased to have Isaac and Tilak join our team of forward thinking scientists. With the opening of our new membrane research & development center, and a growing development team, HTI will continue its pioneering work and leadership in Forward Osmosis science and application of that technology to environmental challenges."

About HTI's Forward Osmosis Technology

In two state-of-the-art plant facilities located in Albany, Ore., HTI manufactures a proprietary Forward Osmosis membrane material that allows water to migrate through the membrane, powered only by a draw solution on the clean water side of the membrane, leaving behind virtually all contaminants.

Osmosis is a natural process where liquids seek equilibrium when separated by a membrane or the wall of a cell, similar to the way water moves from soil into the roots of a tree. In the Forward Osmosis process water molecules flow through HTI's membrane, but do so without the need for high pumping pressure found in many traditional filtration systems. Thus, Forward Osmosis filtration systems use very little energy, are constructed from relatively low cost materials and are capable of filtering highly contaminated dirty water, even those containing high solid concentrations, without plugging. For more information visit www.htiwater.com.