

RICHARD W. BONNER III

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Dr. Bonner has led many cross-disciplinary advanced research programs at the forefront of the thermal fluid sciences. Topics of interest include dropwise condensation using wettability gradients, micro-scale phase change materials, atomic layer deposition on micro-channel coolers, nanofluid coolants, novel heat pipe architectures, and thermoelectric heat exchangers amongst others. Dr. Bonner has secured over \$12M of government funded research projects as a PI. He has also authored 45 papers and one issued patent. Dr. Bonner has contributed to ACT's start-up success by initiating and managing several R&D and product development groups at ACT. As the Manager of ACT's Custom Products Group, which served commercial and industrial product markets, Dr. Bonner served over 125 different customers. These customers span a wide range of industries, and include companies such as Alstom, Apple, Caterpillar, Ford, Intel, Keurig, Rheem, Roche, etc. He currently serves as ACT's Vice President of R&D, overseeing the company's \$6M per year externally funded research portfolio. He also chairs ACT's Product Planning Committee, which plans the organizations IR&D and new product development activities. Dr. Bonner also served as a Director for the AIChE's Transport and Energy Processes (TEP) Division.