

# Dr. Evan House

VP Advanced Battery Engineering



## Contact

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## Experience Summary

Evan House, PhD – Currently the Vice President of Advanced Battery Engineering for Bright Automotive, Inc., Evan House brings a unique combination of knowledge and experience in the fundamental science of batteries, engineering and manufacturing of large-format electric vehicle battery systems, and market development of electric vehicles. He has held leadership roles in high profile battery developments for electric vehicles and other mobile applications.

While serving as Director of Battery Development at Seeo, Inc. in Berkeley, California, Dr. House established Seeo's prototype battery manufacturing facility for its solid polymer cell technology.

Before joining Seeo and as Vice President of Engineering, Dr. House led the creation of the Altairnano, Inc. battery business unit and the first commercialization of titanate-based lithium batteries. He played a significant role in reviving the current growing interest in electric vehicles by developing 100-mile range, 10-minute recharge, and 20-year life battery systems. His demonstrations concerning special attributes of titanate technology were presented to the California Air Resource Board and resulted in the highest level of Zero Emission Vehicle credits available for any green propulsion technology used in California.

Before joining Altairnano, Dr. House led the creation of the Product Development group at EnerDel, Inc., a joint venture with Delphi Corporation that developed primary and secondary lithium cells and battery packs. He also led development of a back-up battery system for GM's OnStar communication system and other cell and systems developments in asset tracking and military applications.

Prior to EnerDel, Dr. House managed lithium cell development at Delphi Corporation, leading its participation in the United States Advanced Battery Consortium (USABC). He later led cell development as part of Delphi's Product Development efforts with battery systems for the Segway® Human Transporter and the iBOT® medical device.

Dr. House previously worked in Research and Product Development for Energizer Power Systems, where he created a program in HEV battery pack development. He led a team that designed, fabricated and utilized nickel-metal hydride battery systems and was awarded a U.S. patent for the innovation.

Dr. House earned a B.S. in Chemistry from Indiana State University and a Ph.D. in Physical Chemistry from the University of Florida, where he was elected to Phi Beta Kappa. He is a member of the Electrochemical Society, the Society of Automotive Engineers (SAE), and the IEEE. Dr. House serves as the SAE's U.S. Technical Advisory Group representative to the battery standardization effort under the International Electrical Council, and is a voting member of the Hybrid Technical Committee and the Hybrid J2464 (Battery Abuse Testing) Task Force.