

## KIM BEEEMAN



Kim Beeman joined VACC in 2017, with over 30 years experience in acoustical test and measurement, transducers, sensors, analog and digital instrumentation, digital signal analysis, software design and programming.

Mr. Beeman founded and ran Engineering Design for 25 years, providing sound and vibration measurement and analysis to 200+ university and corporate clients, and he is the author of the Signal software system for sound and vibration analysis. He combines analytical precision, technical depth and creative problem solving with an ability to work with teams and customers to define problems, invent solutions and allocate tasks and resources.

**Work Experience:** 2017-Present *Consultant, Vibro-Acoustic Consultants*  
1984-2017 *President, Engineering Design*  
1979-1984 *Research Engineer, Bose Corporation*

**Education:** B.S., Electrical Engineering, M.I.T., Cambridge, MA  
A.B., English Literature, Harvard University, Cambridge, MA

**Notable Projects:** **1950 Mission Street, San Francisco, CA**  
Complete noise & vibration review of construction plans for 156-unit residential complex  
**MBTA (Massachusetts Bay Transportation Authority), Boston, MA**  
Community noise and vibration study of subway line extension  
**Drexel University, Philadelphia, PA**  
Data acquisition and control system to excite and measure structural failure under scaled earthquake conditions  
**Cambridge Acoustical Associates, Cambridge, MA**  
Acoustical & vibrational instrumentation for US Navy submarine hull design  
**US Air Force**  
Design noise-canceling array microphone for F-15 fighter jet  
**Bose Corporation, Framingham, MA**  
Research and design on noise-canceling headphone  
**US Department of Agriculture**  
Acoustical cattle monitor and automated recognition system  
**University of California Riverside**  
Ultrasonic auditory stimulus and neural response recording system  
**Livescribe, Oakland, CA**  
Analyze & solve audio Q&A test & measurement failure at offshore manufacturing facility