



Lee J. Gorny
Consultant I

With over 15 years of experience in acoustics, noise control engineering, and mechanical design, Lee Gorny joined Colin Gordon Associates (CGA) as a consultant in 2019. During his tenure at CGA, Lee has focused on acoustical design, noise and vibration control and measurement, room environment modeling using ray tracing, data and signal processing, industrial noise and structural simulation. These efforts have contributed to the design of high-technology facilities including wafer fabs, research laboratories, integrated research and office spaces, university STEM buildings, and healthcare facilities.

In his past, Lee worked in renewable energy as a product designer, at the National Institute of Standards and Technology (NIST) developing long-wavelength acoustic flowmeters suitable for measuring coal burning power plant emissions, and in Germany at the German Aerospace Center (DLR) on turbomachinery noise reduction. Prior to that, he was a doctoral student, instructor, and post-doc at Penn State, working in the Center for Acoustics and Vibration on the use of tunable resonators to reduce fan blade tone noise, teaching mechanical design, and working with the Materials Research Institute to develop, characterize and process electroactive polymer materials and devices suitable for actuators, energy storage and electrocaloric effect refrigeration.

Education

- Ph.D., Mechanical Engineering, The Pennsylvania State University, University Park, PA
- M.S., Mechanical Engineering, The Pennsylvania State University, University Park, PA
- B.S., Mechanical Engineering, The University of Rochester, Rochester, NY