



Sonablate Corporation and Focused Ultrasound Foundation Intern Partnership 2026

[Sonablate Corporation](#) is a developer and manufacturer of therapeutic ultrasound systems for the treatment of soft tissue diseases with regulatory approvals around the world.

This internship is in partnership with the [Focused Ultrasound Foundation](#) (FUSF), a medical research, education, and patient advocacy organization based in Charlottesville, Virginia.

Position Overview

A brief summary of the role –

To quantify and characterize acoustic parameters for focused ultrasound transducers for various frequency of operations, power levels and duty cycles in water. Make use of simulation software to verify test results for a given set of operating parameters and tissue characteristics for in-vivo verification. This position is an in-person summer internship at Sonablate headquarters in Indianapolis, Indiana

What problem it helps solve-

Generated data will help to set treatment parameters for clinical applications

What the candidate will contribute, and the skills they will develop-

The candidate will set up laboratory systems for acoustic measurements and conduct hands-on calibration on Focused Ultrasound systems. Candidate will develop quality control processes, development of simulations and documentation required for verification and validation of a device that can be used in the medical setting environment.

Key Responsibilities

- Document specific specifications and requirements for the device(s) to be evaluated.
- Develop test methods and protocols for testing.
- Execute testing
- Write comprehensive reports summarizing results with conclusions and possible future directions, needs and considerations.
- Submit a final report to FUSF and present results to the FUSF team virtually.
- An overall presentation to be presented at Sonablate as well at the end of the term.

Qualifications (Preferred and Required)

- Minimum 2-3 years of university studies in an engineering discipline in good standing.
- Desired experience would include ultrasound or exposure to transducers, imaging system, simulation, etc.
- Experience with SolidWorks (ME) or Altium or similar (EE), Matlab, Labview, MS Office, other common programming languages.
- Intern will report to company mentor: Director of Hardware Development with



additional oversight with Chief Scientific Officer

Benefits

Compensation: \$20/hour

Application Instructions

Please submit a cover letter and resume to: industryinternship@fusfoundation.org

Subject line: *Summer 2026 Internship Application –Sonablate*

Application deadline: April 21, 2026