

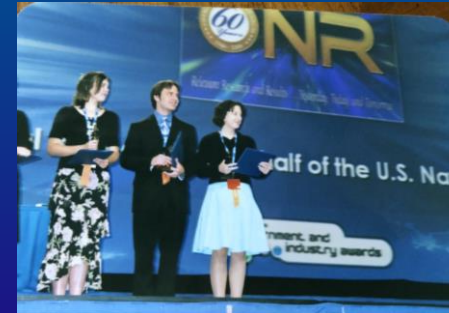


**Erin Fischell, PhD**  
Founder and President  
Acbotics Research, LLC

**DEGREE:** Massachusetts Institute of Technology  
Doctor of Philosophy (PhD), Mechanical/Ocean Engineering (2015)

Dr. Erin M. Fischell is a scientist and engineer with more than 15 years of marine robotics, sensing and acoustic experience with research interests in signal processing, sensors, underwater vehicles, and robot perception. She is president of Acbotics Research, LLC, a marine robotics and acoustics startup focused on providing “solutions for ubiquitous underwater acoustics, robotics, and sensing”. She lives in Falmouth, MA with her husband, two children, and a large flock of chickens.

*“Being able to explain your work to different audiences is one of the most important, and hardest, parts of being a researcher. Science fairs gave me a lot of experience selling my work to other people through presentations and papers, and those same skills have given me a huge leg up through my undergraduate and PhD work. From applying for funding to defending my PhD thesis, I have found myself using what I first practiced in high school science fairs – describing my work in an engaging and coherent manner, answering challenging questions, and conveying through my own enthusiasm the importance of the research to the audience.”*



## Alumni SPOTLIGHT

April 2023

DVSF: 2005 - 2006

ISEF: 2005 – 2006

Dr. Fischell was a Battelle Fellow postdoctoral researcher at MIT from 2015-2019, then worked as an assistant scientist at Woods Hole Oceanographic Institution (WHOI) from 2017-2021. At WHOI, Dr. Fischell served as a PI on a diverse array of programs funded by ONR, DARPA, ARPA-E, and NOAA while teaching acoustics courses in the MIT/WHOI joint program. In 2019 she received the Moore Inventor Fellow award for inventions in the areas of underwater navigation, underwater swarming and distributed sensing. In 2021, Dr. Fischell left WHOI and founded Acbotics Research, LLC.