# Center for Fluid Mechanics

The Center for Fluid Mechanics, also known as 'Fluids@Brown', serves to coordinate and promote research and teaching at Brown University in the broad field of Fluid Mechanics and Soft Matter, through the development of research collaborations, seminars, the sharing of intellectual knowledge and the coordination of graduate courses. Participating members of the Center include faculty from the School of Engineering, the Department of Earth, Environmental & Planetary Sciences, the Division of Applied Mathematics, the Department of Physics and the Department of Ecology, Evolution, and Organismal Biology.

Fluid mechanics is an enabling science that describes dynamics over a huge range of scales - from the global scales of climate and ocean dynamics to the swimming of micron-scale bacteria. Fundamental research challenges involving fluid dynamics continue to emerge in engineering, the physical or biological sciences, mathematics and scientific computation.

Current information on activities and research may be found at the Center's website at https://fluids.brown.edu (https://fluids.brown.edu/)