

I am currently working on the Office of Naval Research funded (Award #N000140210217) HullBUG Project, which involves an underwater vehicle used to maintain ship hulls by the method of grooming. Grooming refers to the gentle, habitual and frequent mechanical maintenance of submerged surfaces to keep them free from extraneous matter, such as fouling organisms and particulate debris. This method allows for coatings to be continuously rejuvenated without causing damage. My specific research includes grooming tools and looking how to optimize them.