

## Michael Lombardi's Post



**Michael Lombardi**

Just a Diver  
9mo Edited

Did you know?

Well recognized for over a century, and more acutely within the last couple of decades, is that eliminating the pressure encountered while deep diving (rather than conceding to it) represents the challenge to vastly expand our human presence within the sea. In recent years, the rise of personal submarines have increasingly brought more scientists and enthusiastic visitors to the deep than ever before - all while preserving access to broad geographic locales, eliminating physiological risk, and without so much as laying a finger on the bottom.

Alas, it's the fingers that remain missing to well balance human performance in this environment. Performing carefully manipulated experiments, and collecting highly cryptic specimens requires a delicate touch akin to performing surgery. Advancements in subsea collection tooling, and even actuators resembling functions of the hand are revolutionizing our informed access to the deep, drawing investments from industry, academia, and the defense sectors.

Read more about our colleague Bhargav Gajjar's ONR funded work on hands:



