

## **Cole DeForest Wins NSF CAREER Award**

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The National Science Foundation (NSF) announced on Monday that Assistant Professor **C**(**https://www.cheme.washington.edu/facresearch/faculty/deforest.html)** was one of Faculty Early Career Development (CAREER) award. The prestigious award recognizes teac outstanding research and a dedication to the integration of educational and research acti

DeForest's project, "User-programmable hydrogel biomaterials to probe and direct 4D ste \$500,000 over five years from the Biomaterials (BMAT) Program of the NSF Division of Ma

"Human tissue undergoes constant change. Though such alterations are critical in combat healing, and allowing us to live happy, healthy lives, the specifics of how these changes af largely unknown," said DeForest. "We seek to address this knowledge deficiency through biomaterials that can be modified reversibly and on demand with bioactive signaling prot dynamic biochemical properties of native tissue." These advanced materials will be used t changes in local signaling, providing new insight into disease/healing processes and a clea



DeForest also looks forward to creati new laboratory classes and to provid fundamentals of polymer chemistry, award will support the development collaboration with local outreach pro pursue careers in engineering. Modu use and help encourage a diverse co biomaterials. In partnership with the

https://www.cheme.washington.edu/news/DeForest\_CAREER

for the field of biomaterials.

"In a little over 3 years, Cole has built a highly innovative research program in regenerativ and single cell proteomics. I am delighted that NSF recognized his remarkable potential th François Baneyx.

Cole's monumental achievement comes on the heels of recent awards in research and ed *Society PMSE Young Investigator*, the 2016 University of Washington Distinguished Teaching Aw Award.