

2017

University of Washington Chemical Engineering NEW ENDOWED PROFESSORSHIPS



Lilo Pozzo

The Weyerhaeuser Endowed Professor

Prof. Pozzo's interests center on the development, measurement, and control of self-assembled nanomaterials, conductive polymers, flow batteries, and medical agents. She has spun out two start-up companies, PolyDrop and Membrion, that went on to successfully raise funds from the private sector and federal agencies. A recipient of the Department of Energy Early Career Award (2013), Prof. Pozzo leads a multidisciplinary NIH effort that seeks to develop nano-agents for photoacoustic theranostics of graft occlusions.



Jim Pfaendtner

The Jagjeet and Janice Bindra Endowed Professor

Prof. Pfaendtner is nationally recognized for groundbreaking work on molecular simulations, multi-scale, and coarse-grained methods applied to biological sciences and reaction engineering. Recent research interests include incorporating data science into molecular engineering and science, particularly to enable discovery of new materials for clean energy applications. He is a recipient of the NSF CAREER award (2012) and the UW Presidential Distinguished Teaching Award (2013). Prof. Pfaendtner is PI and director of the NSF NRT for Data Intensive Research Enabling Clean Technologies (DIRECT).



2017 NSF CAREER Award

The NSF CAREER is one of the most prestigious honors given to exceptional junior faculty who exemplify the role of teacher-scholar.

Cole DeForest

Assistant Professor, Chemical Engineering

Prof. DeForest is an emerging leader in biomaterial design, regenerative medicine, biomolecular engineering, and spatiotemporally-resolved proteomics. With NSF support,



Prof. DeForest seeks to develop biomaterials that can be modified reversibly and on demand with bioactive signaling proteins to mimic the dynamic biochemical properties of human tissue. The project includes development of open-source, biomaterial-based modules to be used in outreach efforts to encourage under-represented students to pursue careers in engineering. Prof. DeForest was named an American Chemical Society PMSE Young Investigator (2017) and is a recipient of the UW Presidential Distinguished Teaching Award (2016).

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