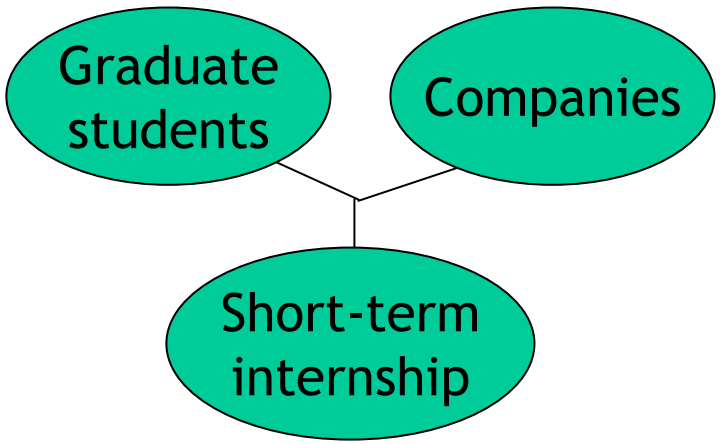
Janelle Leger
University of Washington
CHE-0610193

NSF Discovery Corps Postdoctoral Fellow Janelle Leger has led the development of a graduate student industrial internship program

- Promote university-industry knowledge transfer
- Preparing the next generation of scientific leaders



"[The internship] helped clarify the bigger picture and to see a life for myself outside of graduate school."

Year one successful trial internship placement
Year two program expansion and integration with professional mentoring program

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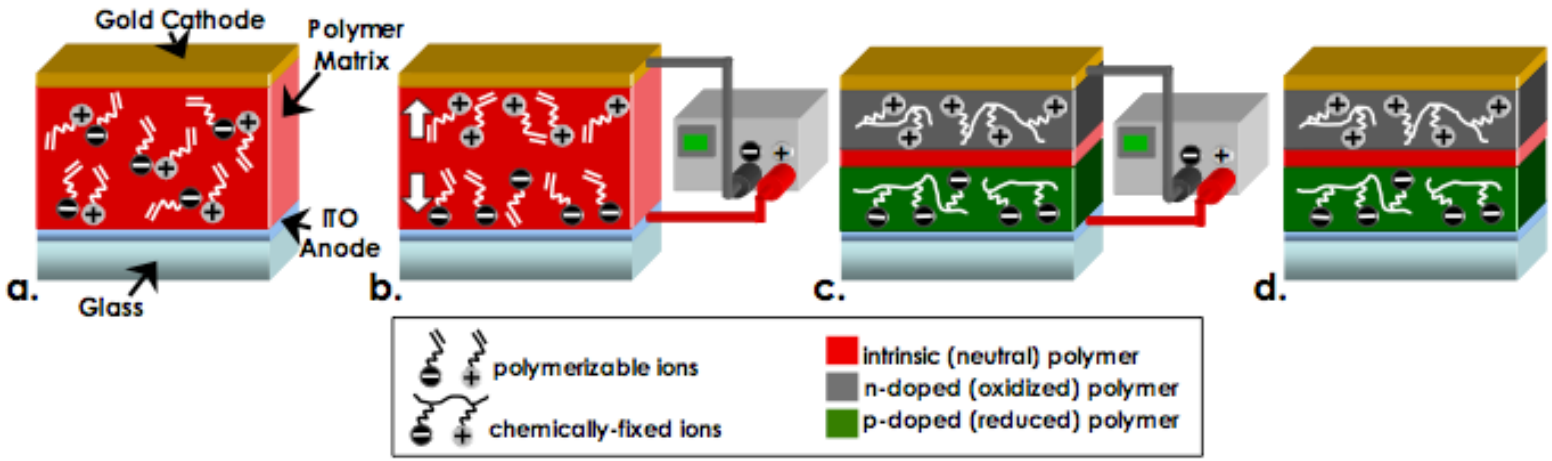
Polymeric materials for optoelectronic devices:

Benefits	Drawbacks
Flexible, conformal	*Device structure limitations*
Large area	*Low charge carrier mobility*
Low cost	*Parameter sensitivity*

NSF Discovery Corps Postdoctoral Fellow Janelle Leger and coworkers have developed an ***alternative architecture for organic optoelectronic devices*** that promises high performance in light-emitting devices and solar cells.



The process developed is also amenable to the production of ***multi-junction applications***, an advance that could change the face of plastic electronics.