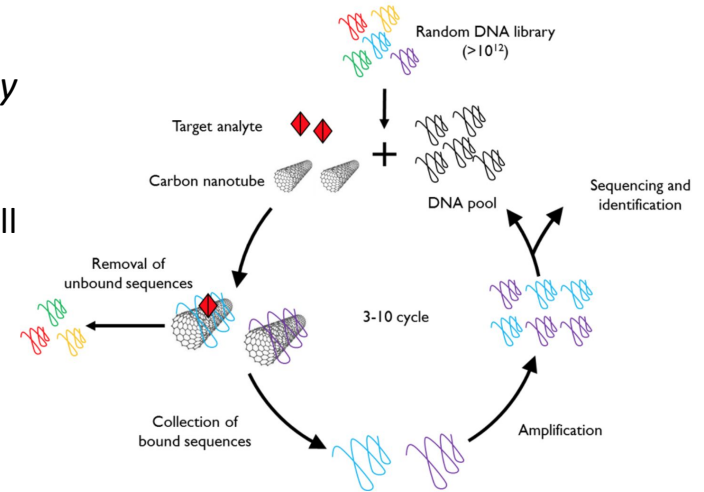


# Professor Markita P. Landry

*Assistant Professor of Chemical and Biomolecular Engineering at UC Berkeley*

## Education:

- B.S. Chemistry, 2006 – UNC at Chapel Hill
- B.A. Physics, 2006 – UNC at Chapel Hill
- Ph.D. Chemical Physics, 2012 – UIUC
- Postdoctoral fellow in Chemical Engineering 2013-2016 – MIT



Source:

<https://landrylab.com/nanosensors-development-as-biological-probes/>

**Research Focus:** Developing tools for single-molecule applications, with the goal of scaling them to the study and genetic manipulation of molecular processes in whole-organisms.

**Applications:** Imaging neuromodulation in the brain, delivery of genetic materials into plants without transgenic DNA integration for agricultural biotechnology applications.

## Take classes with her in:

- Nanoscience and Engineering
- Biotechnology Chemical Engineering Thermodynamics
- Neuroscience Research Methods and Professional Development
- Molecular and Cell Biology Responsible Conduct of Research