



# Dan Bernstein

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## Employment

Science Policy Fellow, *Science & Technology Policy Institute* July 2017-Present

- Provide data analysis and visualization support to inform Federal programmatic and budgetary decision-making, in areas including R&D collaboration, STEM education program effectiveness
- Provide technical and logistical support to inform the development of Federal strategies and roadmaps, in areas including energy, environment, and human health

Research Intern, *The Brookings Institution, Center for Technology Innovation* January-May 2017

- Coauthored a report on benefits and best practices of safe city innovation, ranking and detailing global cities experiences with leveraging new digital technologies and data analytics to promote public safety
- Contributed to three blog posts published on TechTank discussing biotechnology regulations, experimental drug programs, and governance for geoengineering and gene drive technologies

## Education

The George Washington University, B.S. Chemistry, *summa cum laude* 2017

Honors Thesis: *Potential Benefits of Implementing Placebo Controlled Dose Reduction in Psoriasis Treatment*

- Analyzed drug expenditure data from the Medical Expenditure Panel Survey (Department of Health and Human Services) in R and SAS to determine the individual and cumulative impact of a novel psoriasis treatment regimen
- Awarded 2<sup>nd</sup> place in Politics & Economics division at undergraduate research conference

## Honors

Fulbright Scholarship Finalist (declined) 2017

Phi Beta Kappa, National Honors Society 2016

NSF Virtual Institute for C-H Functionalization Fellowship, University of Cambridge 2016

## Technical Skills

R, JavaScript, SAS, SQL, QGIS, CSS/HTML

## Publications

West, Darrell M. and Bernstein, Dan. 2017. "Benefits and Best Practices of Safe City Innovation" *The Brookings Institution*.