**Objective:** Aspiring economist, with a decade of diverse work experience, looking to continue academic research in water resource economics and climate change.

**Relevant Experiences**

Current Research at UConn September 2023–Present

* *Economics of Accounting for Groundwater Use Under Conditions of Climate Change* Advised by Prof Farhed Shah
Review prior work of a constrained optimization model of interstate compact use of Republican River Basin for irrigation under hydrostatic and steady state economic conditions. Improve accuracy of water demand estimate accuracy by expanding panel data to include additional counties in twenty (20) year period. Simulate various water allocations, especially altering whether compact regulated allotments account for groundwater use along with additional climate change projections.
* *The Economic Problems of Climate Change* Advised by Prof Kimberly Rollins
Review literature for modeling utilization/extraction of resources as real options with a net present value and volatility to better understand capturing risk in markets. Discuss manners in which climate change increases dispersion/volatility of resources (e.g. water for agricultural use). Aggregate list of market mechanism with literature of specific cases which climate change interacts with pathologies to increase economic distortions. Plan paper with such topics.

Prior work with Imprimis NJOF (parent company Harrow Inc) October 2022–March 2023

* Quality Control Sample and Stability Coordinator Ledgewood, NJ
Coordinate the testing of various ophthalmic and injectable samples at following FDA regulation concerning CFR Title 21. Ensure samples from every product batch are sent to contract labs for testing in accordance with specific validated methodology. Document results onto in-house certificate of analysis after receiving labs’ respective certificate(s) of analysis. Document and communicate dates for sample tracking. Work with quality department and R&D to create program for stability testing of new products.

Prior work with Werlinger and Associates (acquired by JS Held) March 2017–July 2019

* Technical Consult Red Bank, NJ
Assess potential damage to capital assets for cleaning, repair, or replacement while obtaining relevant asset documentation from stakeholders and vendors to document and define the scope of loss claims. Document inventory schedule specifying requested inspection notes, replacement cost value, associated quotes, reconciling labor records, among other specifying information.

**Academic History**

**University of Connecticut,** Storrs, CT GPA 3.90, September 2023–Present

Pursuing Agriculture and Resource Economics PhD

**New York University**, New York, NY September 2020
Master of Arts, Bioethics

- Thesis: *Public Control as a Defense from Fossil Fuel Firms*

 **Rutgers University,** New Brunswick, NJ Cum Laude, May 2016

Bachelor of Sciences, Mechanical Engineering, ABET accredited

- Research Thesis: *Investigation of Composite Materials for Biosensor Applications*
- Senior Design Project: Prototyped a functioning wind power walking machine (i.e. Wind Walker)

Bachelor of Arts, Philosophy

- Senior Thesis, with High Honors: *Coming to a Theory of the World*

**Summary of Skills**

Analytic Practices

* Mindful of cross department function while connecting to own tasks (obtaining big picture).
* Searches for most accurate information from reliable perspectives or sources.
* Adept use of Excel, Word, and PowerPoint. Capable of using Stata for data analysis. Willingness to use/learn more specialized programs (e.g. EndNote, Latex, R, Python).

Interpersonal and Writing Skills

* Succinct analytical writing that conveys questions/problems, analysis methods, reasons, conclusions/recommendations in a connective but brief manner.
* Shows professionalism communicating valuable information, esp. with contentious issues.
* Actively listens to stakeholders, seeking out common understanding of issues to further mutual benefit.

**Awards/Honors**

**Bioethics Fellowship,** NYU School of Global Public Health Fall 2019-Spring 2020

**J.J. Slade Scholar,** Rutgers School of Engineering Spring 2016

**Paul Robeson Scholar,** Rutgers School of Arts and Sciences Spring 2016

**Dean’s List,** Rutgers School of Engineer Fall 2013, Fall 2014, Fall 2015, and Spring 2016

**Study Abroad Scholarships,** Rutgers School of Engineer Spring 2014-Summer 2014

**Undergraduate Research Fellowship,** Aresty Research Center Fall 2014-Spring 2014

**Rank of Eagle Scout,** Boy Scouts of America Spring 2011