

Yale *Tobin Center* *for Economic Policy*

Pre-doctoral Fellowship

Eduardo Dávila

Position Overview

Eduardo Dávila is recruiting a highly skilled and motivated individual to join the Predoctoral Fellowship Program at the Tobin Center for Economic Policy at Yale University.

The successful applicant will be based at Yale and will work with Professor Dávila and his coauthors on projects on Macro-Financial policy. Visit <http://www.eduardodavila.com> for more information on Professor Dávila's research. Most of the projects will involve quantitative work at the level of the materials covered in <http://www.quantecon.org/>.

While many of the existing predoctoral research opportunities are geared towards the empirical analysis of datasets, this position is geared towards more theoretically oriented applicants who want to combine exposure to theoretical modeling with learning of computational methods in Economics. Applicants interested in welfare economics and policy design are a particularly good fit for this position.

Qualifications and Skills

The ideal candidate will

- have a strong analytic background (coursework on numerical methods, linear algebra, differential equations, and dynamic programming is particularly valuable);
- have strong computer skills, including programming in Matlab, Python, Julia, R, Fortran, or similar;
- be able to work independently to solve problems; and
- have a long-term interest in pursuing research in Economics.

Background in Economics is a plus, but it is not necessary. Candidates with strong technical backgrounds who are looking for more exposure to Economics are encouraged to apply.

The appointment would take the form of a one-year contract with possibility of renewal for a second and final year contingent on performance and approval from the Office of Postdoctoral Affairs. See

<https://tobin.yale.edu/fellowships/pre-doctoral-fellows-program/apply> for more details. The successful applicant will join the Predoctoral Fellowship Program at Yale program with approximately 70 full-time colleagues. The predoctoral fellowship serves as a strong stepping-stone to doctoral studies. Applicants should be completing or have completed a Bachelors or Master's degree. The salary and benefits are competitive.

How to apply

To apply, please submit the following three documents to eduardo.davila@yale.edu:

1. A short cover letter (no more than one page) describing:
 - (a) Your interest in the position and career goals.
 - (b) The date you are able to start work.
 - (c) Your familiarity with Julia, Python, Matlab, R, Fortran, or comparable languages.
 - (d) Your prior experience as a research assistant and with independent research (e.g., a senior thesis).
2. A current CV
3. Undergraduate (and graduate, if applicable) transcript

Applications will be reviewed on a rolling basis. Only shortlisted candidates will be contacted.

Yale University considers applicants for employment without regard to, and does not discriminate on the basis of an individual's sex, race, color, religion, age, disability, status as a veteran, or national or ethnic origin; nor does Yale discriminate on the basis of sexual orientation or gender identity or expression