PhD STUDENT SUMMER FUNDING FELLOWSHIPS
2020-2021 CALL FOR PROPOSALS
DATE OF CALL: February 18, 2020
DEADLINE: March 20, 2020

ABOUT IPE. IPE seeks to promote research and multi-disciplinary deliberation about the social implications and ethics of science, technology and medicine. See ipe.ucsd.edu.

PURPOSE OF FELLOWSHIPS. The 2020-2021 fellowships will allow PhD students engaged in social science or humanistic research to work on a project within the mission of IPE. The student’s dissertation need not be on this topic. We anticipate students working on a side project from their primary dissertation research that may result in a journal article. The fellowships are intended to help foster a lively academic community at IPE, so fellows are expected to attend all relevant working group events during the 2020-2021 academic year unless there is a conflict with their UC San Diego teaching or research duties.

GENE DRIVE FELLOWSHIP. This fellowship is for those who are doing research on the topic of gene drives. The IPE is working with the Tata Institute for Genetics and Society. See: http://tigs.ucsd.edu/. TIGS is considering the use of gene drives to achieve environmental and public health goals, such as creating mosquitoes that do not transmit malaria. Part of the TIGS effort is to examine the social implications and ethics of gene drives. It is expected that fellows will be developing expertise in an intellectual area for which gene drives are a relevant case. For example, gene drives could be a case in debates about environmental ethics, political decision-making about public health technologies in developing countries, or the public’s conception of disease.

DATA ANALYTIC GOVERNANCE AND ACCOUNTABILITY FELLOWSHIP. This fellowship is for those who are doing research on the topic of data analytics governance and accountability. The IPE is working collaboratively with the Halicioğlu Data Science Institute. In general, relevant projects are any concerning data analytics, governance and accountability where the results will have implications for how the ethics and policies of this field are envisioned. Examples of important issues in this domain include: data privacy and security, algorithmic fairness and discrimination, the replacement of human discussion and deliberation with narrowly focused algorithmic decision making, the masking of human decision making with data analytic operations, the lack of transparency and interpretability of algorithmic processes,
and the various unintended consequences of the deployment of new information technology for social ends. To understand how these powerful tools work and to ensure that they are applied in ways that enhance rather than curtail human agency, social justice, democracy and economic development, we must articulate and investigate how data analytics govern and transform social life.

**GENERAL IPE FELLOWSHIP.** The general fellowship is for any topic within the remit of the IPE. Examples could include human genetic modification, big data and algorithms, moral psychology, environmental ethics, hospital decision-making and much more. The remit is any topic where the research would contribute to ethical decision-making.

**DECIDING BETWEEN THE THREE FELLOWSHIPS.** The fellowships are distinct and there are important differences between them. The Gene Drive and Data Analytic fellowships pay $5,000 and the General fellowship pays $4,000. Due to the specificity of the Gene Drive and Data Analytic fellowships, it is anticipated that fewer applications will be received, which could raise the probability of obtaining these particular fellowships. Students can only apply to one of the fellowships.

**ELIGIBILITY:** Eligible applicants must be a UC San Diego PhD student in good standing.

**AWARD AMOUNT.** Fellows will receive their stipend after the year is completed, in the summer of 2021.¹

**APPLICATION PROCESS.** Please submit an electronic application with the following information:

- **Project Description** (3 pages maximum). This should include theoretical framing, your research plan, and a paragraph of how the scholarly activity is consistent with the IPE vision.
- **CV**
- **Brief letter of recommendation from your primary faculty advisor**

Submit application via e-mail to ipe@ucsd.edu, with the subject line, “IPE PhD Fellowship Program – NAME OF FELLOWSHIP.” (E.g. Gene Drive)

For questions and clarifications regarding whether your intellectual idea fits with the purpose of the fellowship, contact either John Evans (jhevans@ucsd.edu) (social science) or Craig Callender (ccallender@ucsd.edu) (philosophy of science or ethics).

**REPORTING PROCESS:** Awardees will produce a one-page report by **October 2, 2021** of the research progress. This report will be compiled as part of IPE’s annual submission to the Dean of Arts and Humanities, and the content may be used as part of the IPE Annual Report.

¹ The stipends are payable upon approval from the student’s home department to ensure that the stipend will not exceed the Graduate Division or departmental maximum earnings limit.