Laboratory for Innovation Science at Harvard Doctoral Fellowships in Science Production Function

The Laboratory for Innovation Science at Harvard (LISH) and the Science Production Function Society, with support from the Alfred P. Sloan Foundation, is awarding doctoral fellowships for social science Ph.D. students or current post-doctoral fellows interested in the questions and processes around the production of scientific knowledge in university laboratories. To characterize the micro-organization of scientific production at the individual, laboratory, departmental, and community levels, we are looking for fellows to conduct initial field studies on laboratory management and scientific management practices.

LISH Fellows will be supervised by Science Production Function Society co-founders and study Principal Investigators Karim R. Lakhani, Marie Thursby, and Jerry Thursby. The PIs will work with the LISH Fellows to match them to labs in engineering and computer science, life science and medicine, mathematics, natural and physical science to conduct *deep-dive exploratory studies* on mutually agreed upon research topics. We expect the fellows to continue with their current course of research, at their home departments and institutions, and hope the fellowship will complement their research trajectories. We will strive for the deep-dive research sites to be close to or at the home institutions of the fellows. Fellows will interact with study PIs and each other on a regular basis and we expect the bulk of the field research will be conducted over the Summer and Fall of 2018. Study reports developed with the PIs will be due in December 2018. Fellows will also have the opportunity to present their research findings at a future meeting of the Science Production Function Society.

Funding is available for up to 5 fellows and will consist of a stipend of $7,500 each to conduct this research. Award decisions will be made May 1, 2018. To apply, send your CV, letter of recommendation from a current faculty supervisor, and a one-page essay on how this fellowship can complement your current research interests to Nina Cohodes (nina_cohodes@iq.harvard.edu) by April 10, 2018.

The Laboratory for Innovation Science at Harvard (LISH) is spurring the development of a science of innovation through a systematic program of solving real-world innovation challenges while simultaneously conducting rigorous scientific research and analysis. LISH is a Harvard-wide research program lead by faculty co-directors Karim Lakhani, Harvard Business School; Eva Guinan, Harvard Medical School; and David Parkes, Harvard School of Engineering and Applied Sciences; with support from the Institute for Quantitative Social Science. With our partners in both academia and industry, LISH conducts research on innovation in three main tracks: Incentives & Governance, Creativity & Problem Solving, and Organization & Processes; applied within five areas of application: Data Science & AI Development, Crowdsourcing & Open Innovation, Managing R&D Labs & Organizations, Science of Science, and Technology Translation.