*The National Heart, Lung, and Blood Institute*

Deep Learning Crash Course

[www.deeplearningcrashcourse.org](http://www.deeplearningcrashcourse.org)

Every Wednesday, Sep 13 – Dec 15, 2019

10:00AM – 11:45AM, Online

**Overview**

Deep learning is a disruptive technology in biomedical and clinical research and an in-demand skill in the decade to come. This course give you an understanding of how neural networks work and introduce some latest development in the topic. This course is organized by the NHLBI Office of Scientific Director and Office of Education.

**Eligibility**

This course is open to all of the NHLBI DIR. Space is limited to 20 spots. Participation is contingent on your supervisor’s approval. Please fill out the form below and submit to Dr. Hui Xue at [hui.xue@nih.gov](mailto:hui.xue@nih.gov). Registration is on a first-come/first-served basis.

**Time Commitment**

Participants are expected to attend or review the recorded courses and also expected to follow up on the suggested reading list and complete assignments.

Name and Title

Supervisor’s Name and Title

Supervisor’s Signature

Please provide a short (1-2 sentences) statement indicating your interests in deep learning:

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For all questions, please contact Dr. Hui Xue (hui.xue@nih.gov)