

NRTDP Top-Down Proteomics Training Course

May 4 – 7, 2020

Northwestern University, Evanston, IL

- Four days of intensive hands-on training and tutorial seminars from leading experts in top-down proteomics.
- Open to academic faculty, core directors, postdoctoral fellows, and industry partners with prior experience in mass spectrometry.
- For applications and additional details, please visit <https://nrtdp.northwestern.edu/top-down-training-course/> or send an email to nrtdp-help@northwestern.edu.

Topics Include:

- ❖ **Introduction to Top-Down Proteomics**
 - Overview of TDMS
 - Basic Sample Preparation
 - Antibody Analysis
- ❖ **Experimental Design and Execution**
 - LC & MS Setup
 - Data Acquisition
 - Quality Control
- ❖ **Top-Down Proteomics Data Analysis**
 - Simple & Standard Protein Mixtures
 - More Complex Biological Samples
 - ProSight Lite, ProSight PD, & TDPportal

Seminars by:

Neil L. Kelleher
Paul M. Thomas
Amanda E. Lee
Jared O. Kafader
Rafael D. Melani
Richard D. LeDuc
Ryan T. Fellers

Application Deadline:

April 1st, 2020

Notification Date:

April 6th, 2020

Course Fees:

Academic: \$1,000

Industry: \$2,000



**NATIONAL RESOURCE FOR TRANSLATIONAL
AND DEVELOPMENTAL PROTEOMICS**

This course is supported by
the National Resource for
Translational and
Developmental Proteomics,
NIH P41GM108569