

## Course Development in the Neurobiology of Disease — Resources

This initiative supported the creation or the significant expansion of courses for neuroscience graduate students. “Neurobiology of disease” refers to basic genetic, molecular, and cellular mechanisms that underlie a wide range of neurological and neuropsychiatric diseases and disorders. The courses are designed to foster an understanding of the links between basic science, disease-oriented research, and translational research. The courses offer a foundation of knowledge in critical areas of basic and clinical neuroscience.

### Contact:

**Nancy Desmond, Ph.D.**

Director, Office of Research Training and

Career Development

Division of Neuroscience and Basic

Behavioral Science

National Institute of Mental Health (NIMH)

[ndesmond@mail.nih.gov](mailto:ndesmond@mail.nih.gov)

(301) 443-3107

Twelve institutions received grants to develop courses. Below is a list of the 12 grantees with contact information and links to websites (if available) that offer access to the developed curriculum. These sites offer PowerPoint presentations, videos of patient interviews, links to journal articles, links to disorder related resources such as support organizations and voluntary groups, webcasts of lecture presentations, syllabi, and additional course materials.

### Contacts:

**Baylor College of Medicine**

**Contact:** Jeffrey Noebels, M.D., Ph.D.

Director, Developmental Neurogenetics Laboratory

[jnoebels@bcm.tmc.edu](mailto:jnoebels@bcm.tmc.edu)

(713) 798-5830

**Michael Friedlander, Ph.D.**

Wilhelmina Robertson Professor and Chair

Department of Neuroscience

Director of Neuroscience Initiatives

[friedlan@bcm.edu](mailto:friedlan@bcm.edu)

(713) 798-1468

<http://neuro.bcm.edu/nbd>

(log on: nod; password: nodnod223)

**Brandeis University**

**Contact:** Sacha B. Nelson, M.D., Ph.D.

Professor of Biology, Department of Life Sciences

[nelson@brandeis.edu](mailto:nelson@brandeis.edu)

(781) 736-3181

[www.bio.brandeis.edu/nbio146/index.html](http://www.bio.brandeis.edu/nbio146/index.html)

**University of California, San Diego**

**Contact:** Neal R. Swerdlow, M.D., Ph.D.

Professor of Psychiatry, UCSD School of Medicine

[nswerdlow@ucsd.edu](mailto:nswerdlow@ucsd.edu)

(619) 543-6270

<http://meded.ucsd.edu/neu232/>

**Georgetown University**

**Contact:** Karen N. Gale, Ph.D.

Professor of Pharmacology, Georgetown University

Medical Center

[galek@georgetown.edu](mailto:galek@georgetown.edu)

(202) 687-1062

**University of Iowa**

**Contact:** Pedro Gonzalez-Alegre, M.D.

Assistant Professor, Department of Neurology

Graduate Programs in Neuroscience, Genetics and

Molecular & Cellular Biology

University of Iowa Carver College of Medicine

[pedro-gonzalez-alegre@uiowa.edu](mailto:pedro-gonzalez-alegre@uiowa.edu)

(319) 335-7498

<http://neuroscience.grad.uiowa.edu/NOD/index.html>



# Course Development in the Neurobiology of Disease — Resources

(continued)

## University of Kentucky

Contact: James W. Geddes, Ph.D.

Associate Director, Spinal Cord and Brain Injury Research Center

Professor, Department of Anatomy and Neurobiology  
Kentucky Neuroscience Institute, UK Chandler Hospital

[jgeddes@uky.edu](mailto:jgeddes@uky.edu)

(859) 323-5135

## Meharry Medical College

Contact: Lee E. Limbird, Ph.D.

Vice President, Office for Research,  
School of Medicine

[llimbird@mmc.edu](mailto:llimbird@mmc.edu)

(615) 327-6063

## Oregon Health and Science University

Contact: Gary L. Westbrook, M.D.

Senior Scientist and Co-Director, Vollum Institute  
Professor of Neurology

[westbroo@ohsu.edu](mailto:westbroo@ohsu.edu)

(503) 494-5429

[www.ohsu.edu/nod/](http://www.ohsu.edu/nod/)

## University of Pennsylvania

Contact: Marc A. Dichter, M.D., Ph.D.

Professor of Neurology and Pharmacology

[dichter@mail.med.upenn.edu](mailto:dichter@mail.med.upenn.edu)

(215) 349-5166

[www.med.upenn.edu/neurobiologyofdisease/](http://www.med.upenn.edu/neurobiologyofdisease/)

## Medical University of South Carolina

Contact: Jacqueline F. McGinty, Ph.D.

Professor, Department of Neurosciences

[mcginty@musc.edu](mailto:mcginty@musc.edu)

(843) 792-9036

<http://etl2.library.musc.edu/bnnd/>

## University of Washington

Contact: Marc D. Binder, Ph.D.

Professor, Physiology and Biophysics  
UW School of Medicine

[mdbinder@u.washington.edu](mailto:mdbinder@u.washington.edu)

(206) 543-2509

## Yale University

Contact: George R. Heninger, M.D.

Professor of Psychiatry (Emeritus)

Senior Research Scientist

Director, Laboratory of Clinical and  
Molecular Neurobiology

Yale University School of Medicine

[george.heninger@yale.edu](mailto:george.heninger@yale.edu)

(203) 974-7778



U.S. Department of Health  
and Human Services  
National Institutes of Health

The grants supporting Course Development in the Neurobiology of Disease are funded by the Institutes and Centers that comprise the NIH Blueprint for Neuroscience Research.

October 2008