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Phenotyping Course Schedule 2008

[Phenotyping for Functional Genetics, ME:680.712](#)

3rd quarter/2nd semester: January 9-March 7, 2008

Wednesday & Thursday 2:30pm - 4:00pm

Room: BRB 801; Enrollment limited to 15.

- 1) Wed Jan **Brayton** - Introduction to phenotyping, mouse genetics and biology, fundamentals of mouse and gene nomenclature and repository use
9
- 2) Thu Jan **Watson** - Environmental influences on phenotypes - What is in your mouse environment? What can impact your research and phenotypes ?
10

*Tue JAN
15*

*4-6pm 801 BRB - Comparative Pathology Slide Conference
OPEN TO ALL*

- 3) Wed **Brayton** - Common spontaneous and infectious phenotypes that can impact your research
Jan 16
- 4) Thu Jan **Brayton** - Clinical + Anatomic Pathology phenotyping - Lecture - *attendance is required to participate in Labs*
17
- 5) Wed Jan **Brayton / Watson / Forbes / Southard et al.**
23 LAB 1: Clinical Examination, Clinical + Anatomic Pathology
- 6) Thu Jan **Brayton / Wilcox / Forbes / Southard et al.**
24 LAB 2: Clinical + Anatomic Pathology
- 7) Wed Jan **Reeves** – Making Mice
30

- 8) Thu Jan 31 **Mitzner** – Pulmonary/respiratory Phenotypes
- 9) Wed Feb 6 **Gabrielson** - IMAGING for Phenotyping
- 10) Thu Feb 7 **Gabrielson** - Cardiovascular phenotyping In vivo functional correlations to pathology
- 11) Wed Feb 13 **Huso** - Vascular and Connective Tissue Phenotypes
- 12) Thu Feb 14 **Hess** - Motor Phenotyping

Tue Feb 19

[3rd JHU Phenotyping Symposium](#)
[9-5pm Tilghman Auditorium / Turner Concourse](#)
[Registration is FREE but REQUIRED](#)

*Wed Feb
20*

*9am -12noon **Phenotyping Pathology Slide Conference**
Win P*ATH*ology of Laboratory Animals 3rd Ed!
Contact Dr. Brayton for Information & Reservations*

*10am Tour the **Homewood Neurobehavioral Core**
Contact Dani for Information & Reservations*

*9am Tour **SAIRP/ ICMIC Imaging Facilities**
Contact James Fox for Information and Reservations*

- 13) Wed Feb 20 **Jun** - Ophthalmic Phenotyping
- 14) Thu Feb 21 **May** - Auditory/acoustic phenotyping
- 15) Wed Feb 27 **Pletnikov** – Emotional / cognitive phenotyping
- 16) Thu Feb 28 **Fisher** - Fun with Fish: models of development and disease
- 17) Wed Mar 5 STUDENT PRESENTATIONS I
- 18) Thu Mar 6 STUDENT PRESENTATIONS II

*Tue Mar
11*

[4-6pm 801 BRB - Comparative Pathology Slide Conference](#)
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For additional Course information, contact [Dr. Brayton](#).

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