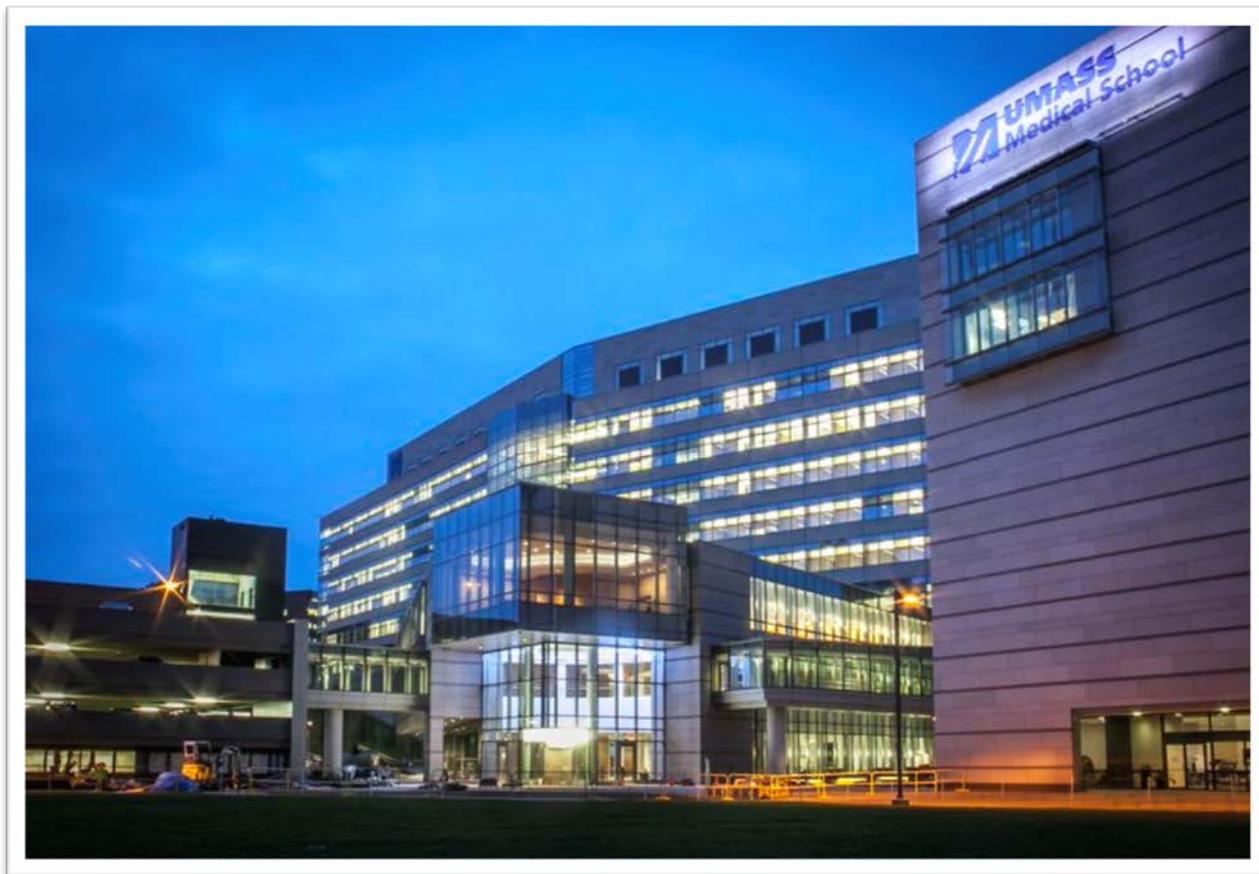




Graduate School of
Biomedical Sciences



Course Catalog & Registration Fall 2017

Registration Open: July 28, 2017 – August 18, 2017

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GSBS FALL 2017 REGISTRATION INSTRUCTIONS

Registration Period: 7/28/2017-8/18/2017

Final Date for add/drop: 9/11/2017

PeopleSoft Campus Solutions (PSCS) On-line Registration

To begin online Registration

Sign into PeopleSoft Campus Solutions (PSCS) with your assigned User name and Password

<https://wsa-prd.umasscs.net/psp/wsaprd90/?cmd=login&languageCd=ENG>

PSCS Online Training for Students

<http://inside.umassmed.edu/registrar/Peoplesoft/Online-Training-for-Students/>

Registration Changes, Course Drops or Adds

Instructions for changing your registration on-line in PSCS can be found in the PSCS online training (see link above). They can also be made manually through the Graduate School office using the [Registration Change Form](#).

Class Numbers

Please note: course numbers (example: BBS601) are not the same as class numbers (example: 1257). **Class numbers are unique identifiers that change every semester.** The Class Number is included with the course information, except for research or tracking courses (where there are multiple faculty sections)

You will need to use the Class Numbers Lists to register for any Research or Tracking Course. Class number lists are within this registration guide; check the table of contents for the page numbers

Class Meeting Information

Students are strongly advised to obtain class meeting information directly from the Course Coordinator prior to registering for the course, particularly if there is a concern about conflicts with other course offerings. Frequently faculty have not finalized this information by the date that Registration opens. If the information about class start/end dates, meeting times and room numbers has been submitted to the Graduate School office, it will be in the Course Catalog section of this document.

ASSISTANCE

Assistance with PSCS Password or Access Problems

Contact the UMWHelpdesk, 508-856-8643 umwhelpdesk@umassmed.edu

Assistance with Administrative Questions

Basic & Biomedical Sciences Students Contact:

Mary Ellen Lane, S1-824, 508-856-4018, maryellen.lane@umassmed.edu

Clinical & Translational Sciences and MD/PhD Students Contact:

Anne Michelson, S1-824, 508-856-8025, anne.michelson@umassmed.edu

Assistance with Advanced Topics or Academic Questions Related to Courses

Students are advised to meet with their Graduate Program Director, Thesis Advisor or with Associate, Dean Mary Ellen Lane, for assistance in selecting Advanced Topics or Elective Courses, or if you have questions related to program or course requirements.

Graduate Program Directors

Program	Name	Location	Telephone
Biochemistry and Molecular Pharmacology	Kobertz, William	LRB-804	508-856-8861
Bioinformatics & Computational Biology	Zeldovich, Konstantin	AS4-1069	508-856-2354
Cancer Biology	Cantor, Sharon	LRB-415	508-856-4421
Cancer Biology	Mercurio, Arthur	LRB-408	508-856-8676
Cell Biology	Imbalzano, Anthony	S3-125	508-856-1029
Clinical & Population Health Research	Lapane, Kate	AC7-073	508-856-8999
Health Sciences Preparatory Program	Knight, Kendall	S1-824	508-856-5628
Immunology & Microbiology (Immunology Advisor)	Silverman, Neal	LRB-326	508-856-5826
Immunology & Microbiology (Virology Advisor)	Morrison, Trudy	S5-250	508-856-6592
Immunology & Microbiology (Bacterial Pathogenesis Advisor)	Beth McCormick	AS8-2049	508-856-6048
Interdisciplinary Graduate Program	Peterson, Craig	Biotech2, Suite 210	508-856-5858
Interdisciplinary Graduate Program	Tissenbaum, Heidi	LRB-621	508-856-5840
MD/PhD	Corvera, Silvia	Biotech 2, suite 107	508-856-6898
MD/PhD	Szabo, Gyongyi	S1-824	508-856-8025
Millennium MD/PhD Program	Kornfeld, Hardy	S1-824	508-856-8025
MS in Clinical Investigation	Goldberg, Robert	S1-824	508-856-8025
Neuroscience	Weaver, David	LRB-723	508-856-2495
Pathway to Graduate Study	Lewis, Brian	LRB-521	508-856-4325
Translational Science	Mandrekar, Pranoti	LRB-221	508-856-5391
Translational Science	Royer, William	LRB-921	508-856-6912

COURSES FOR REGISTRATION

Basic & Biomedical Sciences Courses

BBS 550 - Laboratory Rotation (PGSP)	Class #: See class number list
<p>Course Description Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an ongoing research project, gain familiarity with concepts underlying the research, acquire a working knowledge of techniques used in the research, and write a report and present an oral summary of the results of the research.</p>	<p>Course Coordinator: Lewis,B email: brian.lewis@umassmed.edu Phone: 6-4325 Location: LRB, 521</p> <p>Course Coordinator 2: Knight,K</p> <p>Prerequisites: None</p> <p>Credits: 4-5</p> <p>Grading: Pass/Marginal Pass/Fail</p> <p>Associated Programs: Pathway to Graduate Study</p> <p>Class Meeting Information:</p> <p>Additional notes:</p> <p>Required Textbooks:</p> <p>Recommended Textbooks:</p>

BBS 601 - Professionalism and Research Conduct (PARC)	Class #: Group Registered
<p>Course Description This is a required course for all third year Basic Sciences students and all MD/PhD students entering doctoral study but who are not on the CPHR track. The PARC course helps to center our students in areas that are foundational to success in research: responsible data management; management of intellectual property; the ethical use of research subjects; recognizing and resolving conflicts of interest, professionalism in peer review and publishing; engaging mentors; and career exploration and planning. The PARC course comprises faculty-led presentations and small group discussions with case studies and workshop material. An online learning module (CITI training program comprising many case studies) is also included and must be completed before the end of the fall semester. Students required to take the fall PARC course will be block-registered.</p>	<p>Course Coordinator: Imbalzano,A email: anthony.imbalzano@umassmed.edu Phone: 6-1029 Location: S1-824</p> <p>Course Coordinator 2: Fuhrmann,C</p> <p>Prerequisites: None</p> <p>Credits: 1</p> <p>Grading: Pass/Marginal Pass/Fail</p> <p>Associated Programs: Basic & Biomedical Science</p> <p>Class Meeting Information: Friday 9a-11a Room varies</p> <p>Additional notes: One class will run from 9a-12p.</p> <p>Required Textbooks:</p> <p>Recommended Textbooks:</p>

BBS 602 - Preparation for Qualifying Exam

Class #: 4854

Course Description

This course seeks to help prospective scientists in the biological and medical sciences communicate their work effectively, in writing, graphics and oral presentations. The course teaches how to prepare a research paper using words, statistics and figures; how to present science to a lay audience; how to write a grant proposal; and how to present orally to scientific peers.

Course Coordinator: Carruthers,A

email: anthony.carruthers@umassmed.edu

Phone: 6-6074

Location: S1-824

Course Coordinator 2: None

Prerequisites: None

Credits: 2

Grading: Letter

Associated Programs: Basic & Biomedical Science

Class Meeting Information: 9/13/2017-12/6/2017
(Class will meet every other week starting in October) |
Wednesdays | 9a-11a | S2-351/352, 9/13 and 9/20
will be in AS8-2072.

Additional notes:

Required Textbooks: The visual display of quantitative informations 2nd ed. (2001). Cheshire, CT: Graphics Press. PROVIDED TO STUDENTS BY THE GSBS

Recommended Textbooks:

BBS 603 - Responsible Conduct of Research - Post Doctoral Scholars

Class #: 4595

Course Description

This is a blended curriculum available via the Collaborative Institutional Training Initiative (CITI), tailored for biomedical research and includes a classroom component (8 hours) organized by the Graduate School of Biomedical Sciences.

Course Coordinator: Imbalzano, A

email: anthony.imbalzano@umassmed.edu

Phone: 6-3603

Location: S1-824

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Science

Class Meeting Information: Class meeting dates: 9/14,
9/18, 9/20, 9/25, 9/28 | 9:30a-11:30a | S2-351/352

Additional notes:

Required Textbooks: None

Recommended Textbooks: None

BBS 614 - Foundations in Biomedical Science

Class #: Group Registered

Course Description

This problem-based course provides learning opportunities through exploration of multidisciplinary areas of contemporary biomedical research, and creates a forum for practice in the skills required for research.

Course Coordinator: Theurkauf, W

email: william.theurkauf@umassmed.edu

Phone: 6-4900

Location: Bio4 312E

Course Coordinator 2: None

Prerequisites: Matriculation in the PhD Program

Credits: 6

Grading: Letter

Associated Programs: Basic & Biomedical Science

Class Meeting Information: 9/5/2017-2/2/2018 | Monday through Friday | 9a-12p (9/11-9/22 also have 3p-5p meeting)

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 701 - Using Animals in Biomedical Research

Class #: 1005

Course Description

It is to the benefit of both science and animals to have a formal understanding of animal needs and animal use in the research environment. The goal of this course is to provide a sufficient appreciation of laboratory animal biology, care, and use to engender better science and enhanced animal welfare. Topics include controversies surrounding animal use in research; choosing an animal model; the Institutional Animal Care and Use Committee; normative biology of rodent and non-rodent laboratory animals; diseases and other stressors and their effects on research; humane experimental endpoints; and pain and its alleviation. There are also two laboratory sessions.

Course Coordinator: O'Connell, D

email: Denice.O'Connell@umassmed.edu

Phone: 6-3854

Location: SA-155

Course Coordinator 2: None

Prerequisites: None

Credits: 2

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Sciences

Class Meeting Information: 9/5/2017-12/12/2017 | Tuesday | 3p-5p | SA-161

Additional notes: Lectures will be held in the Department of Animal Medicine

Required Textbooks: None

Recommended Textbooks: None

BBS 706 - An Empirical Introduction to Statistical Modeling

Class #: 4728

Course Description

Lecture and textbook based course on statistical modeling and machine learning, with exercises on analyzing real data.

Course Coordinator: Garber, M

email: manuel.garber@umassmed.edu

Phone: 6-2954

Location: AS4-1071

Course Coordinator 2: None

Prerequisites: Foundations Course (BBS 614) or Core Course (BBS 611-613) and basic proficiency with R, or approval of instructor

Credits: 2

Grading: Letter

Associated Programs: BCB

Class Meeting Information: 10/5/2017-12/15/2017 | Thursday | 10a-12p | AS4-1073

Additional notes:

Required Textbooks: Kuhn, M., & Johnson, K. (2013). Applied predictive modeling. New York: Springer. ISBN-13: 978-1461468486

Recommended Textbooks:

BBS 715 - Chemical Biology

Class #: 4855

Course Description

The course focuses on the use of chemical approaches to answer fundamental questions in biology. Topics include post-translational modifications; chemical synthesis and modification of biopolymers; combinatorial chemistry; chemical genetics; rational drug design; ligand-receptor interactions; and the fundamentals of fluorescence.

Course Coordinator: Miller, S

email: Stephen.Miller@UMassmed.edu

Phone: 6-8865

Location: LRB 805

Course Coordinator 2: None

Prerequisites: None

Credits: 3

Grading: Letter

Associated Programs: Biochemistry & Molecular Pharmacology

Class Meeting Information: Contact course coordinator for more details.

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 716 - Molecular Biophysics

Class #: 1007

Course Description

The goal of this course is to give students a strong foundation in physical principles that underlie the thermodynamic and mechanistic properties of biological macromolecules and macromolecular complexes. In addition to providing theoretical background, lectures and discussion groups will focus on the application of physical chemical principles in contemporary biomedical research. Topics will include spectroscopic and computational approaches to studying protein and nucleic acid structures, thermodynamics and kinetics of protein folding, the solution behavior of macromolecules and principles that govern molecular recognition.

Course Coordinator: Zitzewitz,J

email: Jill.Zitzewitz@umassmed.edu

Phone: 6-6739; 6-6758

Location: NRB 919, Lab 970 B

Course Coordinator 2: None

Prerequisites: Strongly recommended, but not required: undergraduate Physical Chemistry

Credits: 3

Grading: Letter

Associated Programs: Biochemistry & Molecular Pharmacology

Class Meeting Information: 9/7/2017-12/19/2017 | Tuesday & Thursday | 11a-12:30p | LRB-816

Additional notes:

Required Textbooks: None

Recommended Textbooks: Kuriyan, J., Wemmer, D., & Konforti, B. (2013). The molecules of life: physical and chemical principles. New York: Garland Science, Taylor & Francis Group. ISBN 978-0-8153-4188-8

BBS 748 - Introduction to Cellular Metabolism and Disease

Class #: 3217

Course Description

This intense 3-week course will expose students to a variety of topics related to cellular metabolism. The course will cover material ranging from foundational principles to current leading-edge research. The principles and mechanisms regulating metabolism will be explored from multiple perspectives, including biochemistry, biophysics, genetics, molecular biology and cell biology.

Course Coordinator: Lewis,B

email: brian.lewis@umassmed.edu

Phone: 64325

Location: LRB 521

Course Coordinator 2: Walker,A

Prerequisites: None

Credits: 2

Grading: Letter

Associated Programs: Pathway to Graduate Study
Interdisciplinary Graduate Program Translational Science

Class Meeting Information: 7/17/2017-8/4/2017 | Monday thru Friday | 9am-11am | SWE S7-402

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 784 - Molecular and Cellular Basis of Neural Development

Class #: 4856

Course Description

The nervous system is the most complex tissue in the human body. The formation and maintenance of this amazing structure entails sophisticated mechanisms that drive the specification of appropriate cell fates in and along the spatial and temporal axes, and the formation and fine tuning of highly specific cell-cell contacts that are crucial for the organism to properly comprehend and manipulate its environment. In this course, students will present and discuss seminal papers that have unveiled important molecular and cellular aspects of nervous system development. Topics covered will include cell fate specification of neurons and glia, neuronal and glial differentiation, axon guidance, synaptogenesis and the fine tuning of the neural circuits through apoptosis and neurite pruning. Over the course of these studies, the students will gain an understanding of the fundamental mechanisms that are used to build nervous systems and the insights provided by model organisms.

Course Coordinator: Schafer, D

email: DorothyDori.Schafer@umassmed.edu

Phone: 6-5218

Location: LRB 704

Course Coordinator 2: None

Prerequisites: GSBS Core Courses, **PERMISSION OF COURSE COORDINATOR IS REQUIRED**

Credits: 2

Grading: Letter

Associated Programs: Neuroscience

Class Meeting Information: Contact course coordinator for meeting details.

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 801 - RNA Biology Journal Club

Class #: 1009

Course Description

A discussion of recent and classical papers covering various topics in RNA biology. Students will choose from a list of papers provided by course coordinators or from recent literature with approval from coordinators.

Course Coordinator: Ambros,V

email: victor.ambros@umassmed.edu

Phone: 6-6380

Location: BT2-306

Course Coordinator 2: None

Prerequisites: Permission from course coordinator

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Interdisciplinary Graduate Program

Class Meeting Information: 9/5/2017-1/31/2018 | Tuesdays | 10am-12pm | Biotech 2 2nd floor conference room

Additional notes: Schedule and paper to be posted on the website:

<http://www.umassmed.edu/ambroslab/meetings/rna-biology-club-schedule/>

Required Textbooks:

Recommended Textbooks:

BBS 808 - Journal Club in Neuroscience

Class #: 4857

Course Description

Neuroscience Journal Club gives students the opportunity to present and discuss exciting new papers in neuroscience in an informal setting. Student presentations occur weekly (Wednesday 12-1). Students are also expected to attend the Neuroscience Program Seminar series (Thursday 12:15-1:15) and to meet with external speakers (Thursday 1:30-2:30). Program in Neuroscience students are required to take 2 semesters of BBS 808. BBS 838 substitutes for 808.

Course Coordinator: Weaver,D

email: david.weaver@umassmed.edu

Phone: 6-2495

Location: LRB 723

Course Coordinator 2: None

Prerequisites: None

Credits: 2

Grading: Pass/Marginal Pass/Fail

Associated Programs: Neuroscience

Class Meeting Information: 9/6/2017-1/31/2018 | Wednesday | 12p-1p | LRB-716

Additional notes: See Description for additional course meeting times on Thursday. Likely only one of BBS 838 and BBS 808 will be offered in Fall 2017, depending on student interest.

Required Textbooks:

Recommended Textbooks:

BBS 810 - Graduate Student Seminar Series**Class #: GROUP REGISTERED****Course Description**

This course provides students with the opportunity to develop public speaking skills necessary for scientific presentations. This experience will facilitate both formal and informal presentation of a student's own research. All BMP students will be registered in this course to satisfy the annual presentation requirement.

Course Coordinator: Kobertz,W**email:** William.Kobertz@Umassmed.edu**Phone:** 6-8861**Location:** LRB 804**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 1**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** Biochemistry & Molecular Pharmacology**Class Meeting Information:** 9/5/2017 - 2/2/2018 | Fridays | 4p-5p | LRB 916**Additional notes:** Instructor will advise students of start date.**Required Textbooks:****Recommended Textbooks:****BBS 821 - Molecular and Cellular Immunology****Class #: 2623****Course Description**

Some of the most active areas of current immunology are investigated through the reading and discussion of research papers. Students further develop the ability to pose questions and design experiments to answer them through writing a research proposal. Topics to be covered include: regulation of lineage specification/commitment and antigen receptor gene recombination; mechanisms of immunological tolerance and lymphocyte activation, cellular transactions and their consequences (e.g., APC:T cell); and immune responses in infectious diseases.

Course Coordinator: Kang,J**email:** Joonsoo.Kang@umassmed.edu**Phone:** 6-2759**Location:** AS9-1047**Course Coordinator 2:** None**Prerequisites:** GSBS Core Courses, BBS755, Infection and Immune Response, or their equivalent**Credits:** 3**Grading:** Letter**Associated Programs:** Immunology & Microbiology**Class Meeting Information:** 9/12/2017-1/18/2018 | Tuesday and Thursday | 10a-11:30a | AS9-1044**Additional notes:** Barrie Stone coordinates course**Required Textbooks:** None**Recommended Textbooks:** None

Course Description

This course introduces students to cutting-edge topics in bacterial pathogenesis in a class format designed to encourage both critical analysis and concentration on experimental design, which will aid students in preparation for qualifying exams. The course meets once per week for 2.5 to 3 hours. Depending on class size and on a rotating basis, groups of two or three students lead discussions of selected topics. Presenting students are required to prepare written reviews to focus the discussion. The bulk of class time is devoted to open discussion and critical analysis of the literature under consideration, and constructive criticism of student reviews. Each student develops and presents a research proposal on one of the topics discussed. Students taking the course for two credits will not be required to prepare the research proposal and research plans. Grading is based on written reviews, quality of presentations, and class participation (all students) and on the quality of the research outline (students taking the class for three credits).

Course Coordinator: Goguen,J**email:** Jon.Goguen@UMassmed.edu**Phone:** 6-2490**Location:** S6-210**Course Coordinator 2:** None**Prerequisites:** GSBS Core Courses, BBS755, Infection and Immune Response, or permission from course coordinator**Credits:** Variable 2 to 3**Grading:** Letter**Associated Programs:** Immunology & Microbiology**Class Meeting Information:** Contact course coordinator for details.**Additional notes:****Required Textbooks:** None**Recommended Textbooks:** None

BBS 831 - Interprofessional Education in Clinical Neuroscience

Class #: 4883

Course Description

GSBS students will participate in journal clubs with clinical residents and fellows, and participate in other clinically-focused activities typically outside the opportunities available to GSBS students.

Course Coordinator: Benjamin,S

email: Sheldon.Benjamin@umassmed.edu

Phone: 6-3066

Location: S7-860

Course Coordinator 2: Weaver,D

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Neuroscience

Class Meeting Information: 9/5/2017-2/2/2018 | Monday | 12p-1p | S4-325

Additional notes: Students may also elect to attend the Clinical Neuroscience Seminar Thursdays 2:30-3:30 in S4-325 (ongoing July-June, exact schedule from Vickie.white@umassmed.edu). This is a survey course of the neuroscience of psychiatry and of clinical neuropsychiat

Required Textbooks:

Recommended Textbooks: GeorgeMark, S., and S. HigginsEdmund. Neuroscience of Clinical Psychiatry, The: The Pathophysiology of Behavior and Mental Illness 2nd edition. N.p.: Lippincott Williams & Wilkins., n.d. Print. ISBN 13: 978-1451101546

BBS 833 - Immunology and Virology Graduate Student Seminars

Class #: 1017

Course Description

Advanced Immunology and Virology Program graduate students present seminars on their thesis research.

Course Coordinator: Huseby, E
email: eric.huseby@umassmed.edu
Phone: 6-2180
Location: S3-125

Course Coordinator 2: None

Prerequisites: BBS755, Infection and Immune Response

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Immunology & Microbiology

Class Meeting Information: Contact course coordinator for more details.

Additional notes:

Required Textbooks: None

Recommended Textbooks: None

BBS 838 - Communicating Neuroscience: Learning by Doing

Class #: 4858

Course Description

This course will demonstrate the major elements that distinguish a great presentation, and identify areas in which each student can improve their presentations through peer critiques and self-assessment. Importantly, this class will allow students many opportunities to apply those critiques, and see their skills improve throughout the course. Substitutes for Neuroscience Journal Club in meeting Neuroscience Program requirements.

Course Coordinator: Weaver, D
email: David.Weaver@UMassmed.edu
Phone: 6-2495
Location: LRB 723

Course Coordinator 2: None

Prerequisites: Students conducting research in the neuroscience field will have priority if maximum enrollment is reached, but the course is open to students from other Programs and areas of research on a space-available basis

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Neuroscience

Class Meeting Information: 9/6/2017-1/31/2018 |
Wednesday | 12p-1p | LRB-716

Additional notes: Additional group meetings outside of class TBD. Likely only one of BBS 838 and BBS 808 will be offered in Fall 2017, depending on student interest.

Required Textbooks:

Recommended Textbooks:

BBS 848 - Tutorial in Neuroscience

Class #: 1013

Course Description

Tutorials offer the opportunity for one student or a small group of students to discuss research in a specific research area, or a series of selected papers, with a faculty member. The small group format allows extensive discussion and interaction. This course number allows faculty and students the flexibility to develop a syllabus of their making. The proposed syllabus must be approved by the Neuroscience Program director. Tutorials are arranged with individual faculty members. Students may re-enroll for multiple tutorials.

Course Coordinator: Weaver,D

email: David.Weaver@UMassmed.edu

Phone: 6-2495

Location: LRB 723

Course Coordinator 2: None

Prerequisites: Permission from Neuroscience Program Director

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Neuroscience

Class Meeting Information: Contact course coordinator for details.

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 850 - Laboratory Rotation

Class #: See class number list

Course Description

Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an ongoing research project; gain familiarity with concepts underlying the research; acquire a working knowledge of techniques used in the research; and write a report and present an oral summary of the results of the research.

Please note: All first year students must register for L1 and L2 sessions by the add/drop deadline of 9/11. If rotation advisors are not known for either session, students must register with Mary Ellen Lane. Advisors can be edited later. Dr. Lane's class numbers are below.

L1 CLASS NUMBER FOR DR. LANE: 3725

L2 CLASS NUMBER FOR DR. LANE: 4245

Course Coordinator: GSBS Full Faculty

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 2-5

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Science

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 860 - BBS Qualifying Exam**Class #: GROUP REGISTERED****Course Description**

Students are required to register for this course in the fall semester of the academic year in which they are to pass their Qualifying Examination.

Course Coordinator: Lane,M**email:** maryellen.lane@umassmed.edu**Phone:** 6-4018**Location:** S1-824**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 1**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** Basic & Biomedical Science**Class Meeting Information:****Additional notes:****Required Textbooks:****Recommended Textbooks:****BBS 865 - BBS TRAC Meeting****Class #: GROUP REGISTERED****Course Description**

All graduate students are required to have at least one Thesis Research Advisory Committee (TRAC) meeting each academic year. After passing their Qualifying Examination and selection of their TRAC, students are required to register for this course each fall semester until their Dissertation Advisory Committee is formed.

Course Coordinator: Lane,M**email:** maryellen.lane@umassmed.edu**Phone:** 6-4018**Location:** S10824**Course Coordinator 2:** None**Prerequisites:** None**Credits:** 1**Grading:** Pass/Marginal Pass/Fail**Associated Programs:** Basic & Biomedical Science**Class Meeting Information:****Additional notes:****Required Textbooks:****Recommended Textbooks:**

BBS 870 - Prequalifying Research

Class #: See class number list

Course Description

This course is for students who have selected a program and thesis advisor but who have not yet passed the Qualifying Examination.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 9

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Science

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 900 - Thesis Research

Class #: AUTO REGISTERED

Course Description

Students register for Thesis Research fall term of year three of the program, after passing the Qualifying Exam.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 12

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Science

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

BBS 990 - Graduate Research

Class #: AUTO REGISTERED

Course Description

Students register for Graduate Research fall term of year four in the PhD Program and will continue to register each semester until they complete all remaining requirements.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 0

Grading: Pass/Marginal Pass/Fail

Associated Programs: Basic & Biomedical Science

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

Clinical & Translational Sciences Courses

CTS 550 - Research Assistantship

Class #: See class number list

Course Description

Laboratory rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with concepts and techniques in several areas of research and to assist the student in evaluating research laboratories and projects that might be developed into a dissertation project. The student will participate in an on-going research project; gain familiarity with concepts underlying the research; acquire a working knowledge of techniques used in the research; and write a report and present an oral summary of the results of the research.

Course Coordinator: Student's advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites:

Credits: 4

Grading: Pass/Marginal Pass/Fail

Associated Programs: Pathway to Graduate Study
Clinical & Population Health Research

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 602A - Advanced Epidemiology & Research Methods

Class #: 2655

Course Description

Building on basic skills in epidemiology and scientific research methods, this two-semester course will cover research design, sampling, hypothesis development and testing. Students will develop skills in use of clinical and epidemiological databases and national health surveys. In addition, methodological strengths of various quantitative and qualitative techniques and designs will be explored. Students will have problem sets to complete, in addition to assignments to develop original research approaches to specific scientific and clinical questions.

Course Coordinator: Jesdale,W

email: william.jesdale@umassmed.edu

Phone: (401) 480-5728

Location: AS7.2068

Course Coordinator 2: None

Prerequisites: CTS605A or equivalent or permission from course coordinator

Credits: 3

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/7/2017 |
Tuesday & Thursday | 9a-10:30a | AS7-2069

Additional notes:

Required Textbooks: Rothman, K. J., Greenland, S., & Lash, T. L. (2008). Modern epidemiology. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins. 978-1-4511-9005-2.

Recommended Textbooks: None

Course Description

This course provides an overview of multivariable analysis and advanced analytical strategies for clinical and population health research. Emphasis is on developing an understanding of multivariable modeling in the context of linear, logistic and Poisson regression. Computational lab assignments and two exams will be completed.

Course Coordinator: Person,S

email: Sharina.Person@umassmed.edu

Phone: 6-4028

Location: AC7-2070

Course Coordinator 2: None

Prerequisites: CTS605A, Introduction to Statistics or permission from course coordinator

Credits: 4

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/7/2017-12/12/2017 | Class will be on Tuesdays & Thursdays from 10:30a-12p | Lab will be on Wednesdays from 3:30-4:30 | AS7-2072

Additional notes:

Required Textbooks: Kleinbaum, D. G. (2008). Applied regression analysis and other multivariable methods. Belmont: Thomson Brooks Cole. ISBN-13: 978-0-495-38496-0

Kleinbaum, D. G., & Klein, M. (2010). Logistic regression: a self-learning text. New York: Springer. ISBN: 978-

Recommended Textbooks: Acock, A. C. (2010). A gentle introduction to stata. College Station, TX: Stata Press. ISBN: 978-1-4419-1741-6

CTS 605A - Introduction to Clinical Epidemiology and Biostatistics

Class #: 3211

Course Description

This course reviews basic principles of epidemiology, investigation of disease outbreaks and the application of various observational and experimental research designs and strategies to clinical, epidemiological and translational research. Didactic instruction, readings and problem sets (including lab-based analyses) are utilized to more fully understand epidemics and their causes, as well as various study designs, including cross-sectional studies, case-control studies, cohort designs and randomized clinical trials. Students also will learn how to design surveillance systems and develop and evaluate screening and diagnostic tests. Students are graded on in-class participation and two writing assignments (write-up of lab exercise and in-class student presentation). This is a full semester course with a total of 30 contact hours.

Course Coordinator: Chrysanthopoulou, S
email: Stavroula.Chrysanthopoulou@umassmed.edu
Phone: 774-455-3616
Location: AS7-1076

Course Coordinator 2: None

Prerequisites: None

Credits: 3

Grading: Letter

Associated Programs: MS in Clinical Investigation MS in Clinical Investigation

Class Meeting Information: 7/5/2017-7/31/2017 | Tuesdays & Thursdays | 9am-3pm | AS7-2072

Additional notes: The first Tuesday is the 4th of July so we are going to have that class on Wednesday the 5th instead.

So, only the first week class would be on Wednesday and Thursday and then it will resume to every Tuesday and Thursday for the month of July.

Required Textbooks: Gordis, L. (2009). Epidemiology. Philadelphia: Saunders Elsevier. ISBN: 978-1416040026

D'Agostino, R. B., Beiser, A. S., & Sullivan, L. M. (2006). Introductory applied biostatistics. Southbank, Vic.: Thomson, Brooks/Cole. ISBN: 978-0534423995

Recommended Textbooks: Acock, A. C. (2014). A gentle introduction to Stata. College Station, TX: A Stata Press Publication, StataCorp LP. ISBN: 978-1597181426

CTS 611 - Scientific Writing

Class #: 2647

Course Description

of style, authorship and extent of information that needs to be incorporated into a scientific research paper. Students will learn how to develop the elements that go into a successful scientific manuscript, submit an article for peer review and respond to reviewers' concerns. During each session, students will critique the work of others enrolled in the course to obtain hands on experience in the write-up of the introduction, methods, results and discussion sections of a manuscript. This course will also teach students how to put together a successful oral, as well as poster, scientific presentation.

Course Coordinator: Goldberg,R

email: robert.goldberg@umassmed.edu

Phone: 6-3991

Location: BT4-314

Course Coordinator 2: None

Prerequisites: None

Credits: 3

Grading: Letter

Associated Programs: MS in Clinical Investigation
Clinical & Population Health Research

Class Meeting Information: 9/6/2017-12/7/2017 |
Thursday | 3:30p-4:30p | AS8-2069

Additional notes:

Required Textbooks: None

Recommended Textbooks: None

CTS 620 - Clinical & Translational Research Seminar

Class #: 4859

Course Description

This course introduces Clinical Translational Research Pathway students in the optional elective in SOM to principles, theory, background and skills required for clinical and translational research. Seven required seminars plus attending a Human Subjects IRB meeting occur in MS1 and there are 6 additional contact hours and a paper required in MS2. Thus course requires participation in approximately 22 contact hours beyond medical school coursework, plus the 10-20 hour CITI certificate.

Course Coordinator: Kiefe,C

email: catarina.kiefe@umassmed.edu

Phone: 6-8999

Location: AS7-1077

Course Coordinator 2: None

Prerequisites: successful completion of SOM Clinical Translational Research Pathway MS1 and MS2 requirements and admission to MSCI program

Credits: 2

Grading: Pass/Marginal Pass/Fail

Associated Programs: MS in Clinical Investigation

Class Meeting Information: Contact course coordinator for details.

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 701 - Systematic Review

Class #: 2641

Course Description

The purpose of this class is to teach students how to conduct a systematic review, including development of a question of appropriate scope and clinical relevance; development of abstraction tool; selection of articles; and drafting of all sections of the review, including tables and figures. The end product will be a journal style and length systematic review in the topic area of the student's substantive interest area that is 75 percent ready for submission to a peer-reviewed journal.

Course Coordinator: Ulbricht,C

email: christine.ulbricht@umassmed.edu

Phone: 774-455-3524

Location: AS7-1078

Course Coordinator 2: None

Prerequisites: None

Credits: 2

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/6/2017 | Wednesdays | 10:30a-12:30p | AS8-1073

Additional notes:

Required Textbooks: None

Recommended Textbooks: None

CTS 702 - Ethics for Clinical Research

Class #: 2649

Course Description

This course is designed to provide students with a basic knowledge of ethics that will prepare them to understand and address problems in the ethical conduct of research, as well as understand and address scientific misconduct, including fraud, misrepresentation and conflict of interest. The course also addresses authorship guidelines, IRB regulations and UMass Medical School regulations. Students will also focus on how to design ethical research and evaluate treatment risk, placebo control, ethics of recruitment, dilemmas of informed consent, potential scientific contribution and issues for special populations and conducting research internationally.

Course Coordinator: Dube,C

email: Catherine.Dube@umassmed.edu

Phone: 774-455-3746

Location: AS7-2061

Course Coordinator 2: None

Prerequisites: None

Credits: 2

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/6/2017 | Wednesdays | 8:30am-10:30am | AS7-2072 & AS5-2072

Additional notes:

Required Textbooks: Resnik, D. B. (1998). The ethics of science: An introduction. London: Routledge.

0-203-97906-0 (Free Online)

Recommended Textbooks: None

CTS 725 - Introduction to the U.S Health Care System: How Policies and Practice Affect Health

Class #: 4860

Course Description

This course provides a research-based perspective on the U.S. health care system. Students will learn about U.S. health policy and research that underpins the structure, process and outcomes of our healthcare system, with a particular emphasis on how health care policies and payment practices impact the accessibility, effectiveness and cost of care.

Course Coordinator: Clark, R

email: robin.clark@umassmed.edu

Phone: 774-443-2083

Location: A3-226 Benedict Building

Course Coordinator 2: None

Prerequisites: None, but an introductory-level understanding of inferential statistics and research design is helpful.

Credits: 2

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/13/2017 | Wednesdays | 1pm-3pm | AS8-2069

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 726 - Design and Conduct of Studies of Chronic Disease

Class #: 4861

Course Description

The course will discuss fundamental concepts in chronic disease epidemiology; common research methods used in the design and conduct of studies of chronic disease epidemiology; and the application of these methods for the major chronic diseases affecting industrialized countries. Topics will include cardiovascular disease, cancer, cerebrovascular disease, diabetes and lifestyle practices to promote health.

Course Coordinator: Goldberg, R

email: robert.goldberg@umassmed.edu

Phone: 6-3991

Location: Sherman Center 8-2071

Course Coordinator 2: None

Prerequisites: CTS605A or permission from instructor

Credits: 2

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/7/2017 | Thursday | 1p-3p | AS8-2069

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 735 - Introduction to Implementation Science: Moving Research into Practice in Healthcare and Community Settings

Class #: 2659

Course Description

This class provides an introduction to what is often referred to as translational, dissemination or implementation research, as well as the broad field of implementation science. Students will learn about the significance and major initiatives associated with moving research into practice, and will be introduced to conceptual and analytic tools (e.g., theories, frameworks) to support work in this area.

Course Coordinator: Hogan,T

email: timothy.hogan@umassmed.edu

Phone: 6-6063

Location: AS8.1063

Course Coordinator 2: Houston,T

Prerequisites: None

Credits: 2

Grading: Letter

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: 9/6/2017-12/7/2017 | Tuesday | 1p-3p | AS8-2069

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 799 - Independent Study

Class #: See class number list

Course Description

The purpose of an independent study elective is to gain in depth knowledge of a specific topic by working closely with a faculty member with expertise in that area. Typically independent studies cover areas not addressed in the core curriculum and advanced topics or other electives. However, the level of effort and objectives for an independent study must be equivalent to that of a regular three-credit course. The student and sponsoring faculty member must propose a framework and outcome for the independent study, in the semester prior to the semester in which the student will be enrolled, to the program director for prior approval.

Course Coordinator: Lapane,K

email: kate.lapane@umassmed.edu

Phone: 6-8965

Location: ASC7-2072

Course Coordinator 2: None

Prerequisites: Permission of Associate Dean for CPHR & course coordinator.

Credits: 3

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information: Contact course coordinator for details.

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 802 - Journal Club

Class #: 2651

Course Description

This journal club provides a forum in which students will discuss current articles and be introduced to advanced methods. Through readings, presentations and discussion, students will deepen their understanding of methods critical for clinical investigation and strengthen their data presentation and writing skills.

Course Coordinator: Golderbg,R

email: robert.goldberg@umassmed.edu

Phone: 6-3991

Location: AS8-2017

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MS in Clinical Investigation MS
in Clinical Investigation

Class Meeting Information: 9/6/2017-12/7/2017 |
Tuesday | 3:30p-4:30p | AS8-2069

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 850 - Research Assistantship

Class #: See class number list

Course Description

Research rotations are defined periods of research experience under the direction of a faculty member. They are intended to familiarize the student with the theory, background, concepts and techniques in several areas of research and to assist the student in evaluating projects and areas that might be developed into a dissertation project. The student will participate in an ongoing research project; gain familiarity with a field of study; acquire a working knowledge of techniques used in the research; and write a report and make an oral presentation on the results of their work.

Course Coordinator: Student's advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 4

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health
Research

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 865 - CTS TRAC Meeting

Class #: 2661

Course Description

All graduate students are required to have a TRAC meeting each academic year in the Fall. After passing their Qualifying Exam in January of the second year, and the Thesis Proposal Defense in the Spring or Summer of second year, students are required to register for this course each Fall semester until their Dissertation Examination Committee is formed.

Course Coordinator: Lapane, K

email: kate.lapane@umassmed.edu

Phone: 6-8965

Location: AS7.2071

Course Coordinator 2: Goldberg,R

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 870 - Pre-Thesis Research

Class #: See class number list

Course Description

This course is for students who have selected a program and thesis advisor but who have not yet passed their Qualifying Examination.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: Variable 3 to 9

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 900 - Thesis Research

Class #: AUTO REGISTERED

Course Description

Students register for Thesis Research after passing a Qualifying Examination. They will take Thesis Research each semester until they have accumulated 90 credits.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: Variable 7 to 12

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research MS in Clinical Investigation

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CTS 990 - Graduate Research

Class #: AUTO REGISTERED

Course Description

Students register for Graduate Research after completing the requisite number of credits to meet graduation requirements. They will take this course each semester until they complete all remaining requirements.

Course Coordinator: Student's thesis advisor

email: N/A

Phone: N/A

Location: N/A

Course Coordinator 2: None

Prerequisites: None

Credits: 0

Grading: Pass/Marginal Pass/Fail

Associated Programs: Clinical & Population Health Research

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

Health Sciences Preparatory Program Courses

HSP 500 - Building Working Cells and Tissues

Class #: 3247

Course Description

The goals of the course are to: integrate key principles of biochemistry, physiology, and cell and tissue histology; advance understanding of molecular structures, interactions and processes that promote and regulate cellular function; provide students with foundational material for understanding organ structure, physiology and disease states to be covered in subsequent courses.

Course Coordinator: Royer,W

email: william.royer@umassmed.edu

Phone: 6-6912

Location: LRB 921

Course Coordinator 2: None

Prerequisites: None

Credits: 5

Grading: Letter

Associated Programs: Health Sciences Preparatory

Class Meeting Information:

Additional notes:

Required Textbooks: Lippincott's Illustrated Reviews - Biochemistry. D.R. Ferrier.

Recommended Textbooks:

HSP 502A - Medical Physiology and Histology Part A

Class #: 3251

Course Description

The goals of the course are to provide: a study of basic human physiology, which is the biological study of the functions of living organisms and their parts; a study of the microscopic anatomy of the cellular organization and structure of individual tissues and organ systems.

Course Coordinator: Jonassen,J

email: julie.jonassen@umassmed.edu

Phone: 6-5808

Location: S4-117

Course Coordinator 2: None

Prerequisites: None

Credits: 5

Grading: Letter

Associated Programs: Health Sciences Preparatory

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

Course Description

This course includes the following three elements:

Academic Coaching: Sessions with education specialist and student mentors (three hours contact/wk – can be in small groups and one-on-one sessions based on students' needs) to evaluate individual learning styles, adapt/develop study skills, test prep, exam review, error analysis, time management;

Group study sessions: (two hours/wk) – one hour student group discussion/preparation; one hour with course-specific faculty, alternating weekly;

HSPP advisor meetings: (30 minutes/wk) - individual (one per month) and group meeting (one per month) with HSPP advisors. Specific activity includes rewrite of application/personal statement.

Course Coordinator: Hines,D

email: deborah-harmon.hines@umassmed.edu

Phone: 6-2444

Location: S3-104

Course Coordinator 2: Knight,K

Prerequisites:

Credits: 2

Grading: Letter

Associated Programs: Health Sciences Preparatory

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MD/PhD Courses

MDP 740A - Developing Solutions To Research Problems A - Year One

Class #: GROUP REGISTERED

Course Description

Course Goals: The goal for the course is to engage MD-PhD students in the critical thinking skills required to perform biomedical research, in a manner that enables their intellectual contribution to the University's academic and research functions. The course will examine specific questions of relevance in medicine, and explore how these questions are addressed from multiple scientific perspectives, (e.g., epidemiological, population based, animal model research, cellular and molecular mechanisms). The course will be mostly based on critical analysis of primary literature. Faculty will provide brief background material in the form of lectures, to enable analysis of the primary research papers. Students will discuss papers in small teams and within the whole group. Each section will culminate with the presentation by students of an original research proposal on the specific question being studied.

Course Coordinator: Corvera,S

email: silvia.corvera@umassmed.edu

Phone: 6-6898

Location: BTII, Suite 107

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 740B - Developing Solutions To Research Problems B - Year Two

Class #: See class number list

Course Description

Course Goals: The goal for the course is to expose MD/PhD students to areas of basic and translational research, and to the knowledge and skills necessary to conduct research in these areas in a manner that enables their intellectual contribution to the University's academic and research functions. To meet this goal, the student will work directly with a selected member of the research faculty for a minimum of one hour per week over the course of the semester (15 hours total). The focus and experimental methodologies of the investigators research will be explored in-depth through analysis of the primary literature and participation in individual and/or group discussion.

Course Coordinator: Corvera,S

email: silvia.corvera@umassmed.edu

Phone: 6-6898

Location: BTII, Suite 107

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 740C - Developing Solutions To Research Problems C - Year Three

Class #: GROUP REGISTERED

Course Description

Course Goals: The goal for the course is to expose MD-PhD students to areas of basic and translational research, and to the knowledge skills necessary to conduct research in these areas in a manner that enables their intellectual contribution to the University's academic and research functions. To meet this goal, the student will work directly with a selected member of the research faculty, which can include but is not limited to their PhD thesis mentor, for a minimum of one hour per week over the course of the semester (15 hours total). They will discuss experimental strategies to address questions of basic, clinical, and/or translation importance. These can include, but are not limited to, work that advances the student's personal research toward publication or presentation.

Course Coordinator: Corvera,S

email: silvia.corvera@umassmed.edu

Phone: 6-6898

Location: BTII, Suite 107

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 741 - Introduction to Translational Medicine

Class #: GROUP REGISTERED

Course Description

Course Goals: The MD/PhD program stresses the importance of clinical involvement throughout the graduate years. The first goal of this course is to provide students with a continuous link to clinical skills and to familiarize students with different clinical settings. Sessions should reinforce clinical skills learned from the first two years of the medical curriculum plus the 16 weeks of clerkship in Care of Family and Care of Adults prior to research studies. The second goal is to introduce clinicians and potential mentors to the MD/PhD students. The third goal of this section of the course is to ease the transition back to the clinical years of medical school. Students are encouraged to work with physician scientists that will help them to get hands-on experience with the day-to-day work of physician scientists.

Course Coordinator: Corvera,S

email: silvia.corvera@umassmed.edu

Phone: 6-6898

Location: BTII, Suite 107

Course Coordinator 2: None

Prerequisites: Open only to MD/PhD Students in PhD Portion of Degree

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 742 - MD/PhD HIPAA and OSHA Certification

Class #: GROUP REGISTERED

Course Description

Certification module of HIPAA and OSHA that students enrolled in the PhD portion of the program are required to maintain annually (within the first two weeks of GSBS Fall semester) each year. This is an online WebCt class which can be accessed by each MD/PhD student registered for this course in PSSA. The scores will be monitored by the MD/PhD program administrator during the student's PhD years.

Course Coordinator: Michelson,A

email: anne.michelson@umassmed.edu

Phone: 6-4135

Location: S1-824

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks: None

Recommended Textbooks: None

MDP 744 - MD/PhD Learning Communities

Class #: GROUP REGISTERED

Course Description

Provides information about School of Medicine Learning Communities (LC) including house member lists, mentor-mentee assignments, LC student leadership, career planning resources, information for planning clerkships and more. This is important for all the MD/PhD students during both the School of Medicine and GSBS years.

Course Coordinator: Szabo,G

email: Gyongyi.Szabo@umassmed.edu

Phone: 6-5275

Location: LRB-208

Course Coordinator 2: None

Prerequisites: None

Credits: 0

Grading: Not graded

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 800 - MD/PhD Seminar

Class #: GROUP REGISTERED

Course Description

This seminar series is a semi-monthly event, organized by the MD/PhD students, and participation is required for all years in the program. The seminar assists students in developing communications competency through these presentations. Each session, two upper level graduate students present their research project. A moderator will maintain the 20 minute timeframe and facilitate the discussion.

Course Coordinator: Michelson,A

email: anne.michelson@umassmed.edu

Phone: 6-4135

Location: S1-824

Course Coordinator 2: None

Prerequisites: None

Credits: 1

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

MDP 990 - MD/PhD Graduate Research for Students Post-Dissertation

Class #: GROUP REGISTERED

Course Description

Students enrolled in the MD/PHD Program who have completed their requirements for the PhD degree will register for this GSBS course each semester while completing their School of Medicine requirements. Students enrolled in this course will participate in and assist with the teaching/evaluation of the MDP Seminar course (MDP800). This course is the MD/PhD equivalent of the GSBS course - GR900, Graduate Research. All students must be in good standing in the MD/PhD program to pass.

Course Coordinator: Michelson,A

email: anne.michelson@umassmed.edu

Phone: 6-4135

Location: S1-824

Course Coordinator 2: None

Prerequisites: Completion of all the PhD requirements in the Graduate School of Biomedical Sciences.

Credits: 0

Grading: Pass/Marginal Pass/Fail

Associated Programs: MD/PhD Program

Class Meeting Information:

Additional notes:

Required Textbooks:

Recommended Textbooks:

CLASS NUMBER LIST

Basic & Biomedical Sciences Non-Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2553	BBS	601	1	Professionalism & Res. Conduct	Imbalzano	Anthony
4854	BBS	602	1	Preparation Qualifying Exam	Carruthers	Anthony
4595	BBS	603	1	Resp.Conduct Res. Post Doc.Sch	Imbalzano	Anthony
4501	BBS	614	1	Foundations in Biomedical Scie	Theurkauf	William
1005	BBS	701	1	Using Animals in Biomed Res	O'Connell	Denice
4728	BBS	706	1	Imperical Intro.Statis.Modelin	Garber	Manuel
4855	BBS	715	1	Chemical Biology	Miller	Stephen
1007	BBS	716	1	Molecular Biophysics	Zitzewitz	Jill
3217	BBS	748	ERL	Intro.to Cellular Metab. & Dis	Lewis	Brian
4856	BBS	784	1	Molecu & Cellu Bas Neur Dev	Schafer	Dorothy
1009	BBS	801	1	RNA Biology Journal Club	Ambros	Victor
4857	BBS	808	1	Journal Club in Neuroscience	Weaver	David
1011	BBS	810	1	Grad. Student Seminar Series	Kobertz	William
2623	BBS	821	1	Molecul & Cellular Immunology	Kang	Joonsoo
2483	BBS	823	1	Adv Bacterial Pathogenesis	Goguen	Jon
4883	BBS	831	1	Interprof. Edu. in Clin. Neuro	Benjamin	Sheldon
1017	BBS	833	1	IVR Graduate Student Seminars	Huseby	Eric
4858	BBS	838	1	Communicating Neuroscience	Weaver	David
1013	BBS	848	1	Tutorial in Neuroscience	Weaver	David
2453	BBS	860	1	BBS Qualifying Exam	Lane	Mary
2497	BBS	865	1	BBS TRAC Meeting	Lane	Mary
4343	BBS	865	MDP	BBS TRAC Meeting (MDP)	Lane	Mary

Basic & Biomedical Sciences Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4849	BBS	550	1	Laboratory Rotation (PGSP)	ANACLET	Christelle
4734	BBS	550	ERL	Laboratory Rotation (PGSP)	ANACLET	Christelle
4469	BBS	550	ERL	Laboratory Rotation (PGSP)	Brewster	Robert
4731	BBS	550	ERL	Laboratory Rotation (PGSP)	BYRNE	Alexandra Catherine
4848	BBS	550	1	Laboratory Rotation (PGSP)	Cantor	Sharon
4852	BBS	550	ERL	Laboratory Rotation (PGSP)	Cantor	Sharon
4471	BBS	550	ERL	Laboratory Rotation (PGSP)	Cavacini	Lisa
4735	BBS	550	ERL	Laboratory Rotation (PGSP)	Donahue	Kevin
4847	BBS	550	1	Laboratory Rotation (PGSP)	Fazio	Thomas
4851	BBS	550	ERL	Laboratory Rotation (PGSP)	Fazio	Thomas
4449	BBS	550	ERL	Laboratory Rotation (PGSP)	Green	Michael
4899	BBS	550	1	Laboratory Rotation (PGSP)	GREER	Paul Lieberman
4891	BBS	550	ERL	Laboratory Rotation (PGSP)	GREER	Paul Lieberman
4637	BBS	550	ERL	Laboratory Rotation (PGSP)	Haynes	Cole
4736	BBS	550	ERL	Laboratory Rotation (PGSP)	IRAZOQUI	Javier Elbio
4473	BBS	550	ERL	Laboratory Rotation (PGSP)	Kim	Dohoon

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4846	BBS	550	1	Laboratory Rotation (PGSP)	Lemos	Jose
3231	BBS	550	ERL	Laboratory Rotation (PGSP)	Lemos	Jose
4657	BBS	550	ERL	Laboratory Rotation (PGSP)	MARTINS	Paulo
4445	BBS	550	ERL	Laboratory Rotation (PGSP)	McCormick	Beth
4863	BBS	550	1	Laboratory Rotation (PGSP)	Melikian	Haley
4862	BBS	550	ERL	Laboratory Rotation (PGSP)	Melikian	Haley
4569	BBS	550	ERL	Laboratory Rotation (PGSP)	MITCHELL	Amir Zadok
4447	BBS	550	ERL	Laboratory Rotation (PGSP)	Morrison	Trudy
4733	BBS	550	ERL	Laboratory Rotation (PGSP)	Ortiz-Miranda	Sonia
4523	BBS	550	ERL	Laboratory Rotation (PGSP)	REBOLDI	Andrea
4732	BBS	550	ERL	Laboratory Rotation (PGSP)	Shim	Jae-Hyuck
4689	BBS	550	ERL	Laboratory Rotation (PGSP)	Smelson	David
4737	BBS	550	ERL	Laboratory Rotation (PGSP)	Watts	Jonathan
4451	BBS	550	ERL	Laboratory Rotation (PGSP)	Zhang	Hong
3131	BBS	850	ERL	Laboratory Rotation	Alkema	Mark
3259	BBS	850	L1	Laboratory Rotation	Alkema	Mark
3779	BBS	850	L2	Laboratory Rotation	Alkema	Mark
4752	BBS	850	ERL	Laboratory Rotation	ANACLET	Christelle
4762	BBS	850	L1	Laboratory Rotation	ANACLET	Christelle
4766	BBS	850	L2	Laboratory Rotation	ANACLET	Christelle
3243	BBS	850	ERL	Laboratory Rotation	Aroian	Raffi
3765	BBS	850	L1	Laboratory Rotation	Aroian	Raffi
4285	BBS	850	L2	Laboratory Rotation	Aroian	Raffi
3033	BBS	850	ERL	Laboratory Rotation	Baehrecke	Eric
3269	BBS	850	L1	Laboratory Rotation	Baehrecke	Eric
3789	BBS	850	L2	Laboratory Rotation	Baehrecke	Eric
3165	BBS	850	ERL	Laboratory Rotation	Benanti	Jennifer
3661	BBS	850	L1	Laboratory Rotation	Benanti	Jennifer
4183	BBS	850	L2	Laboratory Rotation	Benanti	Jennifer
3035	BBS	850	ERL	Laboratory Rotation	Berg	Leslie
3273	BBS	850	L1	Laboratory Rotation	Berg	Leslie
3793	BBS	850	L2	Laboratory Rotation	Berg	Leslie
3277	BBS	850	L1	Laboratory Rotation	Bolon	Daniel
3797	BBS	850	L2	Laboratory Rotation	Bolon	Daniel
3167	BBS	850	ERL	Laboratory Rotation	Bosco	Daryl
3601	BBS	850	L1	Laboratory Rotation	Bosco	Daryl
4123	BBS	850	L2	Laboratory Rotation	Bosco	Daryl
3037	BBS	850	ERL	Laboratory Rotation	Budnik	Vivian
3287	BBS	850	L1	Laboratory Rotation	Budnik	Vivian
3807	BBS	850	L2	Laboratory Rotation	Budnik	Vivian
4865	BBS	850	ERL	Laboratory Rotation	BYRNE	Alexandra Catherine
4759	BBS	850	L1	Laboratory Rotation	BYRNE	Alexandra Catherine
4770	BBS	850	L2	Laboratory Rotation	BYRNE	Alexandra Catherine
3295	BBS	850	L1	Laboratory Rotation	CHAN	Francis Ka Ming
3815	BBS	850	L2	Laboratory Rotation	CHAN	Francis Ka Ming

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
3039	BBS	850	ERL	Laboratory Rotation	Czech	Michael
3305	BBS	850	L1	Laboratory Rotation	Czech	Michael
3825	BBS	850	L2	Laboratory Rotation	Czech	Michael
3307	BBS	850	L1	Laboratory Rotation	Davis	Roger
3827	BBS	850	L2	Laboratory Rotation	Davis	Roger
3319	BBS	850	L1	Laboratory Rotation	EMERY	Patrick
3839	BBS	850	L2	Laboratory Rotation	EMERY	Patrick
3851	BBS	850	L2	Laboratory Rotation	Francis	Michael
3085	BBS	850	ERL	Laboratory Rotation	Futai	Kensuke
3669	BBS	850	L1	Laboratory Rotation	Futai	Kensuke
4191	BBS	850	L2	Laboratory Rotation	Futai	Kensuke
3015	BBS	850	ERL	Laboratory Rotation	Gao	Fen-Biao
3645	BBS	850	L1	Laboratory Rotation	Gao	Fen-Biao
4167	BBS	850	L2	Laboratory Rotation	Gao	Fen-Biao
3161	BBS	850	ERL	Laboratory Rotation	Garber	Manuel
3721	BBS	850	L1	Laboratory Rotation	Garber	Manuel
4241	BBS	850	L2	Laboratory Rotation	Garber	Manuel
4894	BBS	850	ERL	Laboratory Rotation	GREER	Paul Lieberman
4892	BBS	850	L1	Laboratory Rotation	GREER	Paul Lieberman
4893	BBS	850	L2	Laboratory Rotation	GREER	Paul Lieberman
3041	BBS	850	ERL	Laboratory Rotation	Guertin	David
3625	BBS	850	L1	Laboratory Rotation	Guertin	David
4147	BBS	850	L2	Laboratory Rotation	Guertin	David
3101	BBS	850	ERL	Laboratory Rotation	Han	Gang
3673	BBS	850	L1	Laboratory Rotation	Han	Gang
4189	BBS	850	L2	Laboratory Rotation	Han	Gang
4643	BBS	850	ERL	Laboratory Rotation	Haynes	Cole
4645	BBS	850	L1	Laboratory Rotation	Haynes	Cole
4647	BBS	850	L2	Laboratory Rotation	Haynes	Cole
4754	BBS	850	ERL	Laboratory Rotation (PGSP)	IRAZOQUI	Javier Elbio
4764	BBS	850	L1	Laboratory Rotation (PGSP)	IRAZOQUI	Javier Elbio
4768	BBS	850	L2	Laboratory Rotation (PGSP)	IRAZOQUI	Javier Elbio
3383	BBS	850	L1	Laboratory Rotation	Kang	Joonsoo
3903	BBS	850	L2	Laboratory Rotation	Kang	Joonsoo
3153	BBS	850	ERL	Laboratory Rotation	Kelch	Brian
3717	BBS	850	L1	Laboratory Rotation	Kelch	Brian
4237	BBS	850	L2	Laboratory Rotation	Kelch	Brian
3103	BBS	850	ERL	Laboratory Rotation	Khanna	Hemant
3679	BBS	850	L1	Laboratory Rotation	Khanna	Hemant
4197	BBS	850	L2	Laboratory Rotation	Khanna	Hemant
3187	BBS	850	ERL	Laboratory Rotation	Khvorova	Anastasia
3739	BBS	850	L1	Laboratory Rotation	Khvorova	Anastasia
4259	BBS	850	L2	Laboratory Rotation	Khvorova	Anastasia
3599	BBS	850	L1	Laboratory Rotation	Kim	Jason
4121	BBS	850	L2	Laboratory Rotation	Kim	Jason

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
3395	BBS	850	L1	Laboratory Rotation	Kobertz	William
3915	BBS	850	L2	Laboratory Rotation	Kobertz	William
3109	BBS	850	ERL	Laboratory Rotation	Korostelev	Andrei
3691	BBS	850	L1	Laboratory Rotation	Korostelev	Andrei
4209	BBS	850	L2	Laboratory Rotation	Korostelev	Andrei
3175	BBS	850	ERL	Laboratory Rotation	Lane	Mary Ellen
3725	BBS	850	L1	Laboratory Rotation	Lane	Mary Ellen
4245	BBS	850	L2	Laboratory Rotation	Lane	Mary Ellen
4537	BBS	850	ERL	Laboratory Rotation	Lawson	Nathan
3411	BBS	850	L1	Laboratory Rotation	Lawson	Nathan
3931	BBS	850	L2	Laboratory Rotation	Lawson	Nathan
3191	BBS	850	ERL	Laboratory Rotation	Lee	Michael
3741	BBS	850	L1	Laboratory Rotation	Lee	Michael
4261	BBS	850	L2	Laboratory Rotation	Lee	Michael
3419	BBS	850	L1	Laboratory Rotation	Levitz	Stuart
3939	BBS	850	L2	Laboratory Rotation	Levitz	Stuart
3049	BBS	850	ERL	Laboratory Rotation	Li	Hong-Sheng
3423	BBS	850	L1	Laboratory Rotation	Li	Hong-Sheng
3943	BBS	850	L2	Laboratory Rotation	Li	Hong-Sheng
3597	BBS	850	L1	Laboratory Rotation	Li	Shaoguang
4119	BBS	850	L2	Laboratory Rotation	Li	Shaoguang
3127	BBS	850	ERL	Laboratory Rotation	Luban	Jeremy
3709	BBS	850	L1	Laboratory Rotation	Luban	Jeremy
4229	BBS	850	L2	Laboratory Rotation	Luban	Jeremy
3123	BBS	850	ERL	Laboratory Rotation	Maehr	Rene
3705	BBS	850	L1	Laboratory Rotation	Maehr	Rene
4225	BBS	850	L2	Laboratory Rotation	Maehr	Rene
3135	BBS	850	ERL	Laboratory Rotation	Mandrekar	Pranoti
3631	BBS	850	L1	Laboratory Rotation	Mandrekar	Pranoti
4153	BBS	850	L2	Laboratory Rotation	Mandrekar	Pranoti
3443	BBS	850	L1	Laboratory Rotation	Massi	Francesca
3963	BBS	850	L2	Laboratory Rotation	Massi	Francesca
3447	BBS	850	L1	Laboratory Rotation	McCollum	Dannel
3967	BBS	850	L2	Laboratory Rotation	McCollum	Dannel
3195	BBS	850	ERL	Laboratory Rotation	Melikian	Haley
3449	BBS	850	L1	Laboratory Rotation	Melikian	Haley
3969	BBS	850	L2	Laboratory Rotation	Melikian	Haley
3159	BBS	850	ERL	Laboratory Rotation	Mercurio	Arthur
3453	BBS	850	L1	Laboratory Rotation	Mercurio	Arthur
3973	BBS	850	L2	Laboratory Rotation	Mercurio	Arthur
3455	BBS	850	L1	Laboratory Rotation	Miller	Stephen
3975	BBS	850	L2	Laboratory Rotation	Miller	Stephen
4579	BBS	850	ERL	Laboratory Rotation	MITCHELL	Amir Zadok
4575	BBS	850	L1	Laboratory Rotation	MITCHELL	Amir Zadok
4577	BBS	850	L2	Laboratory Rotation	MITCHELL	Amir Zadok

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
3093	BBS	850	ERL	Laboratory Rotation	Moore	Constance
3683	BBS	850	L1	Laboratory Rotation	Moore	Constance
4201	BBS	850	L2	Laboratory Rotation	Moore	Constance
3633	BBS	850	L1	Laboratory Rotation	Moormann	Ann
4155	BBS	850	L2	Laboratory Rotation	Moormann	Ann
3695	BBS	850	L1	Laboratory Rotation	Muller	Christian
4213	BBS	850	L2	Laboratory Rotation	Muller	Christian
3461	BBS	850	L1	Laboratory Rotation	Munson	Maryann
3981	BBS	850	L2	Laboratory Rotation	Munson	Maryann
4758	BBS	850	ERL	Laboratory Rotation	Ortiz-Miranda	Sonia
4761	BBS	850	L1	Laboratory Rotation	Ortiz-Miranda	Sonia
4772	BBS	850	L2	Laboratory Rotation	Ortiz-Miranda	Sonia
3137	BBS	850	ERL	Laboratory Rotation	Ostroff	Gary
3617	BBS	850	L1	Laboratory Rotation	Ostroff	Gary
4139	BBS	850	L2	Laboratory Rotation	Ostroff	Gary
3233	BBS	850	ERL	Laboratory Rotation	Pukkila-Worley	Read
3751	BBS	850	L1	Laboratory Rotation	Pukkila-Worley	Read
4273	BBS	850	L2	Laboratory Rotation	Pukkila-Worley	Read
3105	BBS	850	ERL	Laboratory Rotation	Punzo	Claudio
3685	BBS	850	L1	Laboratory Rotation	Punzo	Claudio
4203	BBS	850	L2	Laboratory Rotation	Punzo	Claudio
3083	BBS	850	ERL	Laboratory Rotation	Rando	Oliver
3483	BBS	850	L1	Laboratory Rotation	Rando	Oliver
4003	BBS	850	L2	Laboratory Rotation	Rando	Oliver
4521	BBS	850	ERL	Laboratory Rotation	REBOLDI	Andrea
4517	BBS	850	L1	Laboratory Rotation	REBOLDI	Andrea
3215	BBS	850	ERL	Laboratory Rotation	Rhind	Nicholas
3489	BBS	850	L1	Laboratory Rotation	Rhind	Nicholas
4009	BBS	850	L2	Laboratory Rotation	Rhind	Nicholas
3495	BBS	850	L1	Laboratory Rotation	Rivera Perez	Jaime
4015	BBS	850	L2	Laboratory Rotation	Rivera Perez	Jaime
3057	BBS	850	ERL	Laboratory Rotation	Rock	Kenneth
3497	BBS	850	L1	Laboratory Rotation	Rock	Kenneth
4017	BBS	850	L2	Laboratory Rotation	Rock	Kenneth
4868	BBS	850	ERL	Laboratory Rotation	Rogaev	Evgeny
4870	BBS	850	L1	Laboratory Rotation	Rogaev	Evgeny
4869	BBS	850	L2	Laboratory Rotation	Rogaev	Evgeny
3227	BBS	850	ERL	Laboratory Rotation	Royer	William
3505	BBS	850	L1	Laboratory Rotation	Royer	William
4025	BBS	850	L2	Laboratory Rotation	Royer	William
3061	BBS	850	ERL	Laboratory Rotation	Ryder	Sean
3509	BBS	850	L1	Laboratory Rotation	Ryder	Sean
4029	BBS	850	L2	Laboratory Rotation	Ryder	Sean
3141	BBS	850	ERL	Laboratory Rotation	Sassetti	Chris
3513	BBS	850	L1	Laboratory Rotation	Sassetti	Chris

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4033	BBS	850	L2	Laboratory Rotation	Sassetti	Chris
2977	BBS	850	ERL	Laboratory Rotation	Schiffer	Celia
3515	BBS	850	L1	Laboratory Rotation	Schiffer	Celia
4035	BBS	850	L2	Laboratory Rotation	Schiffer	Celia
4757	BBS	850	ERL	Laboratory Rotation	Shim	Jae-Hyuck
4771	BBS	850	L2	Laboratory Rotation	Shim	Jae-Hyuck
3079	BBS	850	ERL	Laboratory Rotation	Silverman	Neal
3525	BBS	850	L1	Laboratory Rotation	Silverman	Neal
4045	BBS	850	L2	Laboratory Rotation	Silverman	Neal
3063	BBS	850	ERL	Laboratory Rotation	Song	Jie
3535	BBS	850	L1	Laboratory Rotation	Song	Jie
4055	BBS	850	L2	Laboratory Rotation	Song	Jie
3065	BBS	850	ERL	Laboratory Rotation	Stern	Lawrence
3545	BBS	850	L1	Laboratory Rotation	Stern	Lawrence
4065	BBS	850	L2	Laboratory Rotation	Stern	Lawrence
3199	BBS	850	ERL	Laboratory Rotation	Szabo	Gyongyi
3551	BBS	850	L1	Laboratory Rotation	Szabo	Gyongyi
4071	BBS	850	L2	Laboratory Rotation	Szabo	Gyongyi
3223	BBS	850	ERL	Laboratory Rotation	Thompson	Paul
3755	BBS	850	L1	Laboratory Rotation	Thompson	Paul
4277	BBS	850	L2	Laboratory Rotation	Thompson	Paul
3113	BBS	850	ERL	Laboratory Rotation	Trivedi	Chinmay
3697	BBS	850	L1	Laboratory Rotation	Trivedi	Chinmay
4215	BBS	850	L2	Laboratory Rotation	Trivedi	Chinmay
3185	BBS	850	ERL	Laboratory Rotation	Walhout	Albertha
3571	BBS	850	L1	Laboratory Rotation	Walhout	Albertha
4091	BBS	850	L2	Laboratory Rotation	Walhout	Albertha
3121	BBS	850	ERL	Laboratory Rotation	Walker	Amy
3737	BBS	850	L1	Laboratory Rotation	Walker	Amy
4755	BBS	850	ERL	Laboratory Rotation	Watts	Jonathan
4765	BBS	850	L1	Laboratory Rotation	Watts	Jonathan
4723	BBS	850	L2	Laboratory Rotation	Watts	Jonathan
3069	BBS	850	ERL	Laboratory Rotation	Weng	Zhiping
3581	BBS	850	L1	Laboratory Rotation	Weng	Zhiping
4101	BBS	850	L2	Laboratory Rotation	Weng	Zhiping
3119	BBS	850	ERL	Laboratory Rotation	Xiang	Yang
3703	BBS	850	L1	Laboratory Rotation	Xiang	Yang
4221	BBS	850	L2	Laboratory Rotation	Xiang	Yang
3585	BBS	850	L1	Laboratory Rotation	Xu	Zuoshang
4105	BBS	850	L2	Laboratory Rotation	Xu	Zuoshang
1019	BBS	870	1	Prequalifying Research	ACHARYA	Usha Rajagopalan Jairaj
1021	BBS	870	1	Prequalifying Research	Akbarian	Schahram
1023	BBS	870	1	Prequalifying Research	Alkema	Mark
2093	BBS	870	1	Prequalifying Research	Allison	Jeroan
2411	BBS	870	1	Prequalifying Research	Alonso	Laura

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1025	BBS	870	1	Prequalifying Research	Ambros	Victor
4795	BBS	870	1	Prequalifying Research	ANACLET	Christelle
1027	BBS	870	1	Prequalifying Research	ANDERSON	Frederick Arthur
2589	BBS	870	1	Prequalifying Research	Aroian	Raffi
1029	BBS	870	1	Prequalifying Research	Aronin	Neil
1031	BBS	870	1	Prequalifying Research	Bach	Ingolf
1033	BBS	870	1	Prequalifying Research	Baehrecke	Eric
2141	BBS	870	1	Prequalifying Research	Bailey	Jeffrey
1035	BBS	870	1	Prequalifying Research	Baker	Richard
2379	BBS	870	1	Prequalifying Research	Behar	Samuel
2221	BBS	870	1	Prequalifying Research	Benanti	Jennifer
2143	BBS	870	1	Prequalifying Research	Benard	Claire
1037	BBS	870	1	Prequalifying Research	Berg	Leslie
2331	BBS	870	1	Prequalifying Research	Bergmann	Andreas
1039	BBS	870	1	Prequalifying Research	Bogdanov	Alexei
1041	BBS	870	1	Prequalifying Research	Bolon	Daniel
1043	BBS	870	1	Prequalifying Research	Bortell	Rita
1045	BBS	870	1	Prequalifying Research	Bosch	Irene
1359	BBS	870	1	Prequalifying Research	Bosco	Daryl
1047	BBS	870	1	Prequalifying Research	Boyartchuk	Victor
2145	BBS	870	1	Prequalifying Research	Boyer	Edward
2381	BBS	870	1	Prequalifying Research	Brass	Abraham
2147	BBS	870	1	Prequalifying Research	Brehm	Michael
2485	BBS	870	1	Prequalifying Research	Brewer	Judson
4389	BBS	870	1	Prequalifying Research	Brewster	Robert
1049	BBS	870	1	Prequalifying Research	Brodsky	Michael
1363	BBS	870	1	Prequalifying Research	Brown	Robert
1051	BBS	870	1	Prequalifying Research	Budnik	Vivian
4792	BBS	870	1	Prequalifying Research	BYRNE	Alexandra Catherine
1053	BBS	870	1	Prequalifying Research	Cantor	Sharon
1055	BBS	870	1	Prequalifying Research	Carruthers	Anthony
1057	BBS	870	1	Prequalifying Research	Castilla	Lucio
4391	BBS	870	1	Prequalifying Research	Cavacini	Lisa
2149	BBS	870	1	Prequalifying Research	Ceol	Craig
1059	BBS	870	1	Prequalifying Research	CHAN	Francis Ka Ming
1061	BBS	870	1	Prequalifying Research	Clapham	Paul
1063	BBS	870	1	Prequalifying Research	Clark	Robin
2095	BBS	870	1	Prequalifying Research	Cooper	Marcus
1065	BBS	870	1	Prequalifying Research	Corvera	Silvia
1067	BBS	870	1	Prequalifying Research	Craig	Roger
1069	BBS	870	1	Prequalifying Research	Czech	Michael
1071	BBS	870	1	Prequalifying Research	Davis	Roger
1073	BBS	870	1	Prequalifying Research	Dekker	Job
4419	BBS	870	1	Prequalifying Research	Deligiannidis	Kristina
1075	BBS	870	1	Prequalifying Research	DIFRANZA	Joseph

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1077	BBS	870	1	Prequalifying Research	Dobner	Paul
4796	BBS	870	1	Prequalifying Research	Donahue	Kevin
1079	BBS	870	1	Prequalifying Research	Doxsey	Stephen
1081	BBS	870	1	Prequalifying Research	Ellison	Richard
2421	BBS	870	1	Prequalifying Research	Emerson	Charles
1083	BBS	870	1	Prequalifying Research	EMERY	Patrick
1235	BBS	870	1	Prequalifying Research	Etzel	Lori
2413	BBS	870	1	Prequalifying Research	Evens	Andrew
2223	BBS	870	1	Prequalifying Research	Fazzio	Thomas
1085	BBS	870	1	Prequalifying Research	FIELD	Terry
1087	BBS	870	1	Prequalifying Research	Finberg	Robert
1089	BBS	870	1	Prequalifying Research	Fisher	William
1091	BBS	870	1	Prequalifying Research	Fitzgerald	Katherine
1093	BBS	870	1	Prequalifying Research	Flotte	Terence
1095	BBS	870	1	Prequalifying Research	Francis	Michael
1097	BBS	870	1	Prequalifying Research	Franklin	Patricia
2311	BBS	870	1	Prequalifying Research	FREEDMAN	Jane
1099	BBS	870	1	Prequalifying Research	Freeman	Marc
2127	BBS	870	1	Prequalifying Research	Fulwiler	Carl
2261	BBS	870	1	Prequalifying Research	Futai	Kensuke
1101	BBS	870	1	Prequalifying Research	Galdzicka	Marzena
2151	BBS	870	1	Prequalifying Research	Gao	Fen-Biao
1105	BBS	870	1	Prequalifying Research	Gao	Guangping
2401	BBS	870	1	Prequalifying Research	Garber	Manuel
1103	BBS	870	1	Prequalifying Research	Gardner	Paul
1107	BBS	870	1	Prequalifying Research	Gilmore	James
1109	BBS	870	1	Prequalifying Research	Binns	Edward
2233	BBS	870	1	Prequalifying Research	Goguen	Jon
1111	BBS	870	1	Prequalifying Research	Goldberg	Robert
2613	BBS	870	1	Prequalifying Research	Golenbock	Douglas
1113	BBS	870	1	Prequalifying Research	Gottlinger	Heinrich
1115	BBS	870	1	Prequalifying Research	Gounis	Matthew
1117	BBS	870	1	Prequalifying Research	Gravallese	Ellen
1119	BBS	870	1	Prequalifying Research	Green	Michael
1121	BBS	870	1	Prequalifying Research	Green	Sharone
4895	BBS	870	1	Prequalifying Research	GREER	Paul Lieberman
1123	BBS	870	1	Prequalifying Research	Greiner	Dale
1125	BBS	870	1	Prequalifying Research	Grossman	Steven
2399	BBS	870	1	Prequalifying Research	Grunwald	David
2099	BBS	870	1	Prequalifying Research	Guertin	David
1127	BBS	870	1	Prequalifying Research	Hagstrom	Kirsten
2341	BBS	870	1	Prequalifying Research	Hall-Anderson	Lisa
2251	BBS	870	1	Prequalifying Research	Han	Gang
2271	BBS	870	1	Prequalifying Research	Harris	John
4649	BBS	870	1	Prequalifying Research	Haynes	Cole

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1129	BBS	870	1	Prequalifying Research	Hayward	Lawrence
2477	BBS	870	1	Prequalifying Research	Huh	Jun
1131	BBS	870	1	Prequalifying Research	Huseby	Eric
1133	BBS	870	1	Prequalifying Research	Imbalzano	Anthony
1135	BBS	870	1	Prequalifying Research	Iorio	Ronald
1137	BBS	870	1	Prequalifying Research	Ip	Yicktung
4797	BBS	870	1	Prequalifying Research	IRAZOQUI	Javier Elbio
1139	BBS	870	1	Prequalifying Research	Jacobson	Allan
1141	BBS	870	1	Prequalifying Research	Jonassen	Julie
2423	BBS	870	1	Prequalifying Research	Jones	Peter
1143	BBS	870	1	Prequalifying Research	Jones	Stephen
1145	BBS	870	1	Prequalifying Research	Kang	Joonsoo
2591	BBS	870	1	Prequalifying Research	Karlsson	Elinor
1147	BBS	870	1	Prequalifying Research	Kaufman	Paul
2153	BBS	870	1	Prequalifying Research	Keaney	John
2383	BBS	870	1	Prequalifying Research	Kelch	Brian
1149	BBS	870	1	Prequalifying Research	Kelliher	Michelle
2263	BBS	870	1	Prequalifying Research	Kennedy	David
2243	BBS	870	1	Prequalifying Research	Khanna	Hemant
2467	BBS	870	1	Prequalifying Research	Khvorova	Anastasia
2101	BBS	870	1	Prequalifying Research	Kiefe	Catarina
1151	BBS	870	1	Prequalifying Research	Kilpatrick	Daniel
4393	BBS	870	1	Prequalifying Research	Kim	Dohoon
1357	BBS	870	1	Prequalifying Research	Kim	Jason
1153	BBS	870	1	Prequalifying Research	King	Jean
1155	BBS	870	1	Prequalifying Research	King	Michael
2425	BBS	870	1	Prequalifying Research	King	Oliver
1157	BBS	870	1	Prequalifying Research	Kobertz	William
1159	BBS	870	1	Prequalifying Research	Kornfeld	Hardy
2305	BBS	870	1	Prequalifying Research	Korostelev	Andrei
1161	BBS	870	1	Prequalifying Research	Kowalik	Timothy
1163	BBS	870	1	Prequalifying Research	Kurt-Jones	Evelyn
1165	BBS	870	1	Prequalifying Research	Lambright	David
2155	BBS	870	1	Prequalifying Research	Landers	John
2419	BBS	870	1	Prequalifying Research	Lane	Mary
1167	BBS	870	1	Prequalifying Research	Languino	Lucia
1169	BBS	870	1	Prequalifying Research	Latz	Eicke
1171	BBS	870	1	Prequalifying Research	Lawrence	Jeanne
1173	BBS	870	1	Prequalifying Research	Lawson	Nathan
2473	BBS	870	1	Prequalifying Research	Lee	Michael
1175	BBS	870	1	Prequalifying Research	Leiter	Andrew
2615	BBS	870	1	Prequalifying Research	Lemos	Jose
1177	BBS	870	1	Prequalifying Research	Leonard	Jack
1179	BBS	870	1	Prequalifying Research	Leong	John
1181	BBS	870	1	Prequalifying Research	Levitz	Stuart

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1183	BBS	870	1	Prequalifying Research	Lewis	Brian
1185	BBS	870	1	Prequalifying Research	Li	Hong-Sheng
1355	BBS	870	1	Prequalifying Research	Li	Shaoguang
1187	BBS	870	1	Prequalifying Research	Lian	Jane
1189	BBS	870	1	Prequalifying Research	Libraty	Daniel
1191	BBS	870	1	Prequalifying Research	Lien	Egil
1193	BBS	870	1	Prequalifying Research	Lilly	Craig
2427	BBS	870	1	Prequalifying Research	Litvak	Vladimir
2157	BBS	870	1	Prequalifying Research	Lois	Carlos
1195	BBS	870	1	Prequalifying Research	Lu	Shan
2343	BBS	870	1	Prequalifying Research	Luban	Jeremy
1197	BBS	870	1	Prequalifying Research	Luckmann	Roger
1211	BBS	870	1	Prequalifying Research	Luna	Elizabeth
1199	BBS	870	1	Prequalifying Research	Lyle	Stephen
2339	BBS	870	1	Prequalifying Research	Maehr	Rene
2455	BBS	870	1	Prequalifying Research	Mandon	Elisabet
2123	BBS	870	1	Prequalifying Research	Mandrekar	Pranoti
1365	BBS	870	1	Prequalifying Research	Mao	Junhao
2159	BBS	870	1	Prequalifying Research	Maranda	Louise
1201	BBS	870	1	Prequalifying Research	Marinus	Martin
2345	BBS	870	1	Prequalifying Research	Martin	Gilles
4669	BBS	870	1	Prequalifying Research	MARTINS	Paulo
1203	BBS	870	1	Prequalifying Research	Massi	Francesca
2265	BBS	870	1	Prequalifying Research	Mathew	Anuja
1205	BBS	870	1	Prequalifying Research	Matthews	Charles
1207	BBS	870	1	Prequalifying Research	McCollum	Dannel
1367	BBS	870	1	Prequalifying Research	McCormick	Beth
1209	BBS	870	1	Prequalifying Research	Melikian	Haley
1213	BBS	870	1	Prequalifying Research	Mello	Craig
1215	BBS	870	1	Prequalifying Research	Mercurio	Arthur
2245	BBS	870	1	Prequalifying Research	Miklinevich	Kaitlyn
2445	BBS	870	1	Prequalifying Research	Miller	Stephen
4581	BBS	870	1	Prequalifying Research	MITCHELL	Amir Zadok
2267	BBS	870	1	Prequalifying Research	Moore	Constance
1217	BBS	870	1	Prequalifying Research	Moore	Melissa
2125	BBS	870	1	Prequalifying Research	Moormann	Ann
1219	BBS	870	1	Prequalifying Research	Morrison	Trudy
2319	BBS	870	1	Prequalifying Research	Muller	Christian
1221	BBS	870	1	Prequalifying Research	Munson	Maryann
1223	BBS	870	1	Prequalifying Research	Newburger	Peter
1225	BBS	870	1	Prequalifying Research	Ockene	Ira
1227	BBS	870	1	Prequalifying Research	Ockene	Judith
1229	BBS	870	1	Prequalifying Research	ODGREN	Paul Raymond
2457	BBS	870	1	Prequalifying Research	Ogembo	Javier
4794	BBS	870	1	Prequalifying Research	Ortiz-Miranda	Sonia

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2087	BBS	870	1	Prequalifying Research	Ostroff	Gary
1231	BBS	870	1	Prequalifying Research	Paydarfar	David
1233	BBS	870	1	Prequalifying Research	Pazour	Gregory
1237	BBS	870	1	Prequalifying Research	Peterson	Craig
1239	BBS	870	1	Prequalifying Research	Pryciak	Peter
2565	BBS	870	1	Prequalifying Research	Pukkila-Worley	Read
2273	BBS	870	1	Prequalifying Research	Punzo	Claudio
1241	BBS	870	1	Prequalifying Research	Ram	Sanjay
1243	BBS	870	1	Prequalifying Research	Rando	Oliver
4529	BBS	870	1	Prequalifying Research	REBOLDI	Andrea
1245	BBS	870	1	Prequalifying Research	Reed	George
1247	BBS	870	1	Prequalifying Research	Reppert	Steven
1249	BBS	870	1	Prequalifying Research	Rhind	Nicholas
1251	BBS	870	1	Prequalifying Research	Rice	Peter
1253	BBS	870	1	Prequalifying Research	Richter	Joel
1255	BBS	870	1	Prequalifying Research	Rivera Perez	Jaime
1257	BBS	870	1	Prequalifying Research	Rock	Kenneth
4871	BBS	870	1	Prequalifying Research	Rogaev	Evgeny
1259	BBS	870	1	Prequalifying Research	Ross	Alonzo
1261	BBS	870	1	Prequalifying Research	Rothman	Alan
1263	BBS	870	1	Prequalifying Research	Rothschild	Anthony
2161	BBS	870	1	Prequalifying Research	Rothstein	Ann
1265	BBS	870	1	Prequalifying Research	Royer	William
1267	BBS	870	1	Prequalifying Research	Ruiz De Luzuriaga	Katherine
1269	BBS	870	1	Prequalifying Research	Ryder	Sean
1271	BBS	870	1	Prequalifying Research	Sagerstrom	Charles
1273	BBS	870	1	Prequalifying Research	Sassetti	Christopher
2593	BBS	870	1	Prequalifying Research	Schafer	Dorothy
1275	BBS	870	1	Prequalifying Research	Schiffer	Celia
1277	BBS	870	1	Prequalifying Research	Schmidt	Madelyn
1279	BBS	870	1	Prequalifying Research	Schwartz	William
1305	BBS	870	1	Prequalifying Research	Selin	Liisa
2097	BBS	870	1	Prequalifying Research	Sena Esteves	Miguel
2269	BBS	870	1	Prequalifying Research	Shaffer	Scott
1281	BBS	870	1	Prequalifying Research	Shaw	Leslie
4793	BBS	870	1	Prequalifying Research	Shim	Jae-Hyuck
1283	BBS	870	1	Prequalifying Research	Silverman	Neal
1285	BBS	870	1	Prequalifying Research	Simin	Karl
1287	BBS	870	1	Prequalifying Research	Sluder	Greenfield
1289	BBS	870	1	Prequalifying Research	Sluss	Hayla
4701	BBS	870	1	Prequalifying Research	Smelson	David
1291	BBS	870	1	Prequalifying Research	Socolovsky	Merav
1293	BBS	870	1	Prequalifying Research	Song	Jie
2567	BBS	870	1	Prequalifying Research	Sontheimer	Erik
1295	BBS	870	1	Prequalifying Research	Sotak	Christopher

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1297	BBS	870	1	Prequalifying Research	Stavnezer	Janet
1299	BBS	870	1	Prequalifying Research	Stein	Gary
1301	BBS	870	1	Prequalifying Research	Stein	Janet
1303	BBS	870	1	Prequalifying Research	Stern	Lawrence
1307	BBS	870	1	Prequalifying Research	Sullivan	John
2317	BBS	870	1	Prequalifying Research	Swain	Susan
1309	BBS	870	1	Prequalifying Research	Szabo	Gyongyi
1353	BBS	870	1	Prequalifying Research	Tapper	Andrew
1313	BBS	870	1	Prequalifying Research	Terajima	Masanori
1315	BBS	870	1	Prequalifying Research	Theurkauf	William
2569	BBS	870	1	Prequalifying Research	Thompson	Paul
1317	BBS	870	1	Prequalifying Research	Tissenbaum	Heidi
2329	BBS	870	1	Prequalifying Research	Trivedi	Chinmay
1311	BBS	870	1	Prequalifying Research	Tsuda	Eva
1319	BBS	870	1	Prequalifying Research	Urano	Fumihiko
1321	BBS	870	1	Prequalifying Research	Vanwijnen	Andre
1323	BBS	870	1	Prequalifying Research	Volkert	Michael
1325	BBS	870	1	Prequalifying Research	Waddell	Scott
1327	BBS	870	1	Prequalifying Research	Walhout	Albertha
2337	BBS	870	1	Prequalifying Research	Walker	Amy
1329	BBS	870	1	Prequalifying Research	Walsh	John
2571	BBS	870	1	Prequalifying Research	Wang	Donghai
2163	BBS	870	1	Prequalifying Research	Wang	Jennifer
1331	BBS	870	1	Prequalifying Research	Wang	Yong
2165	BBS	870	1	Prequalifying Research	Waring	Molly
4798	BBS	870	1	Prequalifying Research	Watts	Jonathan
1333	BBS	870	1	Prequalifying Research	Weaver	David
1335	BBS	870	1	Prequalifying Research	Welsh	Raymond
1337	BBS	870	1	Prequalifying Research	Weng	Zhiping
1339	BBS	870	1	Prequalifying Research	Wolfe	Scot
1341	BBS	870	1	Prequalifying Research	Woodland	Robert
2335	BBS	870	1	Prequalifying Research	Xiang	Yang
1343	BBS	870	1	Prequalifying Research	Xu	Zuoshang
2595	BBS	870	1	Prequalifying Research	Xue	Wen
2487	BBS	870	1	Prequalifying Research	Yu	Hong
1345	BBS	870	1	Prequalifying Research	Zamore	Phillip
1347	BBS	870	1	Prequalifying Research	Zapp	Maria
1361	BBS	870	1	Prequalifying Research	Zeldovich	Konstantin
1349	BBS	870	1	Prequalifying Research	Zhang	Hong
2447	BBS	870	1	Prequalifying Research	Zhang	Nanyin
1351	BBS	870	1	Prequalifying Research	ZHUGE	Ronghua
2333	BBS	870	1	Prequalifying Research	Ziedonis	Douglas
1369	BBS	900	1	Thesis Research	ACHARYA	Usha Rajagopalan Jairaj
1371	BBS	900	1	Thesis Research	Akbarian	Schahram
1373	BBS	900	1	Thesis Research	Alkema	Mark

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2103	BBS	900	1	Thesis Research	Allison	Jeroan
2415	BBS	900	1	Thesis Research	Alonso	Laura
1375	BBS	900	1	Thesis Research	Ambros	Victor
4803	BBS	900	1	Thesis Research	ANACLET	Christelle
1377	BBS	900	1	Thesis Research	ANDERSON	Frederick Arthur
2597	BBS	900	1	Thesis Research	Aroian	Raffi
1379	BBS	900	1	Thesis Research	Aronin	Neil
1381	BBS	900	1	Thesis Research	Bach	Ingolf
1383	BBS	900	1	Thesis Research	Baehrecke	Eric
2167	BBS	900	1	Thesis Research	Bailey	Jeffrey
1385	BBS	900	1	Thesis Research	Baker	Richard
2385	BBS	900	1	Thesis Research	Behar	Samuel
2225	BBS	900	1	Thesis Research	Benanti	Jennifer
2169	BBS	900	1	Thesis Research	Benard	Claire
1387	BBS	900	1	Thesis Research	Berg	Leslie
2347	BBS	900	1	Thesis Research	Bergmann	Andreas
1389	BBS	900	1	Thesis Research	Bogdanov	Alexei
1391	BBS	900	1	Thesis Research	Bolon	Daniel
1393	BBS	900	1	Thesis Research	Bortell	Rita
1395	BBS	900	1	Thesis Research	Bosch	Irene
1713	BBS	900	1	Thesis Research	Bosco	Daryl
1397	BBS	900	1	Thesis Research	Boyartchuk	Victor
2171	BBS	900	1	Thesis Research	Boyer	Edward
2387	BBS	900	1	Thesis Research	Brass	Abraham
2173	BBS	900	1	Thesis Research	Brehm	Michael
2489	BBS	900	1	Thesis Research	Brewer	Judson
4395	BBS	900	1	Thesis Research	Brewster	Robert
1399	BBS	900	1	Thesis Research	Brodsky	Michael
1717	BBS	900	1	Thesis Research	Brown	Robert
1401	BBS	900	1	Thesis Research	Budnik	Vivian
4800	BBS	900	1	Thesis Research	BYRNE	Alexandra Catherine
1403	BBS	900	1	Thesis Research	Cantor	Sharon
1405	BBS	900	1	Thesis Research	Carruthers	Anthony
1407	BBS	900	1	Thesis Research	Castilla	Lucio
4397	BBS	900	1	Thesis Research	Cavacini	Lisa
2175	BBS	900	1	Thesis Research	Ceol	Craig
1409	BBS	900	1	Thesis Research	CHAN	Francis Ka Ming
1411	BBS	900	1	Thesis Research	Clapham	Paul
1413	BBS	900	1	Thesis Research	Clark	Robin
2105	BBS	900	1	Thesis Research	Cooper	Marcus
1415	BBS	900	1	Thesis Research	Corvera	Silvia
1417	BBS	900	1	Thesis Research	Craig	Roger
1419	BBS	900	1	Thesis Research	Czech	Michael
1421	BBS	900	1	Thesis Research	Davis	Roger
1423	BBS	900	1	Thesis Research	Dekker	Job

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4417	BBS	900	1	Thesis Research	Deligiannidis	Kristina
1425	BBS	900	1	Thesis Research	DIFRANZA	Joseph
1427	BBS	900	1	Thesis Research	Dobner	Paul
4804	BBS	900	1	Thesis Research	Donahue	Kevin
1429	BBS	900	1	Thesis Research	Doxsey	Stephen
1431	BBS	900	1	Thesis Research	Ellison	Richard
2429	BBS	900	1	Thesis Research	Emerson	Charles
1433	BBS	900	1	Thesis Research	EMERY	Patrick
1587	BBS	900	1	Thesis Research	Etzel	Lori
2227	BBS	900	1	Thesis Research	Fazio	Thomas
1435	BBS	900	1	Thesis Research	FIELD	Terry
1437	BBS	900	1	Thesis Research	Finberg	Robert
1439	BBS	900	1	Thesis Research	Fisher	William
1441	BBS	900	1	Thesis Research	Fitzgerald	Katherine
1443	BBS	900	1	Thesis Research	Flotte	Terence
1445	BBS	900	1	Thesis Research	Francis	Michael
1447	BBS	900	1	Thesis Research	Franklin	Patricia
2313	BBS	900	1	Thesis Research	FREEDMAN	Jane
1449	BBS	900	1	Thesis Research	Freeman	Marc
2133	BBS	900	1	Thesis Research	Fulwiler	Carl
2257	BBS	900	1	Thesis Research	Futai	Kensuke
1451	BBS	900	1	Thesis Research	Galdzicka	Marzena
2177	BBS	900	1	Thesis Research	Gao	Fen-Biao
1455	BBS	900	1	Thesis Research	Gao	Guangping
2405	BBS	900	1	Thesis Research	Garber	Manuel
1453	BBS	900	1	Thesis Research	Gardner	Paul
1457	BBS	900	1	Thesis Research	Gilmore	James
1459	BBS	900	1	Thesis Research	Ginns	Edward
2235	BBS	900	1	Thesis Research	Goguen	Jon
1461	BBS	900	1	Thesis Research	Goldberg	Robert
1463	BBS	900	1	Thesis Research	Golenbock	Douglas
1465	BBS	900	1	Thesis Research	Gottlinger	Heinrich
1467	BBS	900	1	Thesis Research	Gounis	Matthew
1469	BBS	900	1	Thesis Research	Gravallese	Ellen
1471	BBS	900	1	Thesis Research	Green	Michael
1473	BBS	900	1	Thesis Research	Green	Sharone
4896	BBS	900	1	Thesis Research	GREER	Paul Lieberman
1475	BBS	900	1	Thesis Research	Greiner	Dale
1477	BBS	900	1	Thesis Research	Grossman	Steven
2403	BBS	900	1	Thesis Research	Grunwald	David
2109	BBS	900	1	Thesis Research	Guertin	David
1479	BBS	900	1	Thesis Research	Hagstrom	Kirsten
2357	BBS	900	1	Thesis Research	Hall-Anderson	Lisa
2253	BBS	900	1	Thesis Research	Han	Gang
2283	BBS	900	1	Thesis Research	Harris	John

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4651	BBS	900	1	Thesis Research	Haynes	Cole
1481	BBS	900	1	Thesis Research	Hayward	Lawrence
2479	BBS	900	1	Thesis Research	Huh	Jun
1483	BBS	900	1	Thesis Research	Huseby	Eric
1485	BBS	900	1	Thesis Research	Imbalzano	Anthony
1487	BBS	900	1	Thesis Research	Iorio	Ronald
1489	BBS	900	1	Thesis Research	Ip	Yicktung
4805	BBS	900	1	Thesis Research	IRAZOQUI	Javier Elbio
1491	BBS	900	1	Thesis Research	Jacobson	Allan
1493	BBS	900	1	Thesis Research	Jonassen	Julie
1495	BBS	900	1	Thesis Research	Jones	Stephen
1497	BBS	900	1	Thesis Research	Kang	Joonsoo
2599	BBS	900	1	Thesis Research	Karlsson	Elinor
1499	BBS	900	1	Thesis Research	Kaufman	Paul
2179	BBS	900	1	Thesis Research	Keaney	John
2389	BBS	900	1	Thesis Research	Kelch	Brian
2275	BBS	900	1	Thesis Research	Kennedy	David
2239	BBS	900	1	Thesis Research	Khanna	Hemant
2469	BBS	900	1	Thesis Research	Khvorova	Anastasia
2111	BBS	900	1	Thesis Research	Kiefe	Catarina
1501	BBS	900	1	Thesis Research	Kilpatrick	Daniel
4399	BBS	900	1	Thesis Research	Kim	Dohoon
1711	BBS	900	1	Thesis Research	Kim	Jason
1503	BBS	900	1	Thesis Research	King	Jean
1505	BBS	900	1	Thesis Research	King	Michael
2433	BBS	900	1	Thesis Research	King	Oliver
1507	BBS	900	1	Thesis Research	Kobertz	William
1509	BBS	900	1	Thesis Research	Kornfeld	Hardy
2307	BBS	900	1	Thesis Research	Korostelev	Andrei
1511	BBS	900	1	Thesis Research	Kowalik	Timothy
1513	BBS	900	1	Thesis Research	Kurt-Jones	Evelyn
1515	BBS	900	1	Thesis Research	Lambright	David
2181	BBS	900	1	Thesis Research	Landers	John
1517	BBS	900	1	Thesis Research	Languino	Lucia
1519	BBS	900	1	Thesis Research	Latz	Eicke
1521	BBS	900	1	Thesis Research	Lawrence	Jeanne
1523	BBS	900	1	Thesis Research	Lawson	Nathan
2625	BBS	900	1	Thesis Research	Lee	Michael
1525	BBS	900	1	Thesis Research	Leiter	Andrew
2617	BBS	900	1	Thesis Research	Lemos	Jose
1527	BBS	900	1	Thesis Research	Leonard	Jack
1529	BBS	900	1	Thesis Research	Leong	John
1531	BBS	900	1	Thesis Research	Levitz	Stuart
1533	BBS	900	1	Thesis Research	Lewis	Brian
1535	BBS	900	1	Thesis Research	Li	Hong-Sheng

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1707	BBS	900	1	Thesis Research	Li	Shaoguang
1537	BBS	900	1	Thesis Research	Lian	Jane
1539	BBS	900	1	Thesis Research	Libraty	Daniel
1541	BBS	900	1	Thesis Research	Lien	Egil
1543	BBS	900	1	Thesis Research	Lilly	Craig
2435	BBS	900	1	Thesis Research	Litvak	Vladimir
2183	BBS	900	1	Thesis Research	Lois	Carlos
1545	BBS	900	1	Thesis Research	Lu	Shan
2359	BBS	900	1	Thesis Research	Luban	Jeremy
1547	BBS	900	1	Thesis Research	Luckmann	Roger
1549	BBS	900	1	Thesis Research	Luna	Elizabeth
1551	BBS	900	1	Thesis Research	Lyle	Stephen
2355	BBS	900	1	Thesis Research	Maehr	Rene
2459	BBS	900	1	Thesis Research	Mandon	Elisabet
2129	BBS	900	1	Thesis Research	Mandrekar	Pranoti
1719	BBS	900	1	Thesis Research	Mao	Junhao
2185	BBS	900	1	Thesis Research	Maranda	Louise
1553	BBS	900	1	Thesis Research	Marinus	Martin
2361	BBS	900	1	Thesis Research	Martin	Gilles
4671	BBS	900	1	Thesis Research	MARTINS	Paulo
1555	BBS	900	1	Thesis Research	Massi	Francesca
2277	BBS	900	1	Thesis Research	Mathew	Anuja
1557	BBS	900	1	Thesis Research	Matthews	Charles
1559	BBS	900	1	Thesis Research	McCollum	Dannel
1721	BBS	900	1	Thesis Research	McCormick	Beth
1561	BBS	900	1	Thesis Research	Melikian	Haley
1563	BBS	900	1	Thesis Research	Mello	Craig
1565	BBS	900	1	Thesis Research	Mercurio	Arthur
2247	BBS	900	1	Thesis Research	Miklinevich	Kaitlyn
1567	BBS	900	1	Thesis Research	Miller	Stephen
4583	BBS	900	1	Thesis Research	MITCHELL	Amir Zadok
2279	BBS	900	1	Thesis Research	Moore	Constance
1569	BBS	900	1	Thesis Research	Moore	Melissa
2131	BBS	900	1	Thesis Research	Moormann	Ann
1571	BBS	900	1	Thesis Research	Morrison	Trudy
2321	BBS	900	1	Thesis Research	Muller	Christian
1573	BBS	900	1	Thesis Research	Munson	Maryann
1575	BBS	900	1	Thesis Research	Newburger	Peter
1577	BBS	900	1	Thesis Research	Ockene	Ira
1579	BBS	900	1	Thesis Research	Ockene	Judith
1581	BBS	900	1	Thesis Research	ODGREN	Paul Raymond
2461	BBS	900	1	Thesis Research	Ogembo	Javier
4802	BBS	900	1	Thesis Research	Ortiz-Miranda	Sonia
2089	BBS	900	1	Thesis Research	Ostroff	Gary
1583	BBS	900	1	Thesis Research	Paydarfar	David

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1585	BBS	900	1	Thesis Research	Pazour	Gregory
2619	BBS	900	1	Thesis Research	Peterson	Craig
1589	BBS	900	1	Thesis Research	Pryciak	Peter
2557	BBS	900	1	Thesis Research	Pukkila-Worley	Read
2287	BBS	900	1	Thesis Research	Punzo	Claudio
1591	BBS	900	1	Thesis Research	Ram	Sanjay
1709	BBS	900	1	Thesis Research	Rana	Tariq
1593	BBS	900	1	Thesis Research	Rando	Oliver
4531	BBS	900	1	Thesis Research	REBOLDI	Andrea
1595	BBS	900	1	Thesis Research	Reed	George
1597	BBS	900	1	Thesis Research	Reppert	Steven
1599	BBS	900	1	Thesis Research	Rhind	Nicholas
1601	BBS	900	1	Thesis Research	Rice	Peter
1603	BBS	900	1	Thesis Research	Richter	Joel
1605	BBS	900	1	Thesis Research	Rivera Perez	Jaime
1607	BBS	900	1	Thesis Research	Rock	Kenneth
4872	BBS	900	1	Thesis Research	Rogaev	Evgeny
1609	BBS	900	1	Thesis Research	Ross	Alonzo
1611	BBS	900	1	Thesis Research	Rothman	Alan
1613	BBS	900	1	Thesis Research	Rothschild	Anthony
2187	BBS	900	1	Thesis Research	Rothstein	Ann
1615	BBS	900	1	Thesis Research	Royer	William
1617	BBS	900	1	Thesis Research	Ruiz De Luzuriaga	Katherine
1619	BBS	900	1	Thesis Research	Ryder	Sean
1621	BBS	900	1	Thesis Research	Sagerstrom	Charles
1623	BBS	900	1	Thesis Research	Sassetti	Christopher
2601	BBS	900	1	Thesis Research	Schafer	Dorothy
1625	BBS	900	1	Thesis Research	Schiffer	Celia
1627	BBS	900	1	Thesis Research	Schmidt	Madelyn
1629	BBS	900	1	Thesis Research	Schwartz	William
1631	BBS	900	1	Thesis Research	Selin	Liisa
2107	BBS	900	1	Thesis Research	Sena Esteves	Miguel
2281	BBS	900	1	Thesis Research	Shaffer	Scott
1633	BBS	900	1	Thesis Research	Shaw	Leslie
4801	BBS	900	1	Thesis Research	Shim	Jae-Hyuck
1635	BBS	900	1	Thesis Research	Silverman	Neal
1637	BBS	900	1	Thesis Research	Simin	Karl
2621	BBS	900	1	Thesis Research	Sluder	Greenfield
1639	BBS	900	1	Thesis Research	Sluss	Hayla
4703	BBS	900	1	Thesis Research	Smelson	David
1641	BBS	900	1	Thesis Research	Socolovsky	Merav
1643	BBS	900	1	Thesis Research	Song	Jie
2559	BBS	900	1	Thesis Research	Sontheimer	Erik
1645	BBS	900	1	Thesis Research	Sotak	Christopher
1647	BBS	900	1	Thesis Research	Stavnezer	Janet

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1649	BBS	900	1	Thesis Research	Stein	Gary
1651	BBS	900	1	Thesis Research	Stein	Janet
1653	BBS	900	1	Thesis Research	Stern	Lawrence
1655	BBS	900	1	Thesis Research	Stevenson	Mario
1657	BBS	900	1	Thesis Research	Sullivan	John
2289	BBS	900	1	Thesis Research	Swain	Susan
1659	BBS	900	1	Thesis Research	Szabo	Gyongyi
1663	BBS	900	1	Thesis Research	Tapper	Andrew
1665	BBS	900	1	Thesis Research	Terajima	Masanori
1667	BBS	900	1	Thesis Research	Theurkauf	William
2561	BBS	900	1	Thesis Research	Thompson	Paul
1669	BBS	900	1	Thesis Research	Tissenbaum	Heidi
2327	BBS	900	1	Thesis Research	Trivedi	Chinmay
1661	BBS	900	1	Thesis Research	Tsuda	Eva
1671	BBS	900	1	Thesis Research	Urano	Fumihiko
1673	BBS	900	1	Thesis Research	Vanwijnen	Andre
1675	BBS	900	1	Thesis Research	Volkert	Michael
1677	BBS	900	1	Thesis Research	Waddell	Scott
1679	BBS	900	1	Thesis Research	Walhout	Albertha
2353	BBS	900	1	Thesis Research	Walker	Amy
1681	BBS	900	1	Thesis Research	Walsh	John
2563	BBS	900	1	Thesis Research	Wang	Donghai
2189	BBS	900	1	Thesis Research	Wang	Jennifer
1683	BBS	900	1	Thesis Research	Wang	Yong
2191	BBS	900	1	Thesis Research	Waring	Molly
4806	BBS	900	1	Thesis Research	Watts	Jonathan
1685	BBS	900	1	Thesis Research	Weaver	David
1687	BBS	900	1	Thesis Research	Welsh	Raymond
1689	BBS	900	1	Thesis Research	Weng	Zhiping
1691	BBS	900	1	Thesis Research	Wolfe	Scot
1693	BBS	900	1	Thesis Research	Woodland	Robert
2351	BBS	900	1	Thesis Research	Xiang	Yang
1695	BBS	900	1	Thesis Research	Xu	Zuoshang
2603	BBS	900	1	Thesis Research	Xue	Wen
2491	BBS	900	1	Thesis Research	Yu	Hong
1697	BBS	900	1	Thesis Research	Zamore	Phillip
1699	BBS	900	1	Thesis Research	Zapp	Maria
1715	BBS	900	1	Thesis Research	Zeldovich	Konstantin
1701	BBS	900	1	Thesis Research	Zhang	Hong
2449	BBS	900	1	Thesis Research	Zhang	Nanyin
1703	BBS	900	1	Thesis Research	ZHUGE	Ronghua
2349	BBS	900	1	Thesis Research	Ziedonis	Douglas
1723	BBS	990	1	Graduate Research	ACHARYA	Usha Rajagopalan Jairaj
1725	BBS	990	1	Graduate Research	Akbarian	Schahram
1727	BBS	990	1	Graduate Research	Alkema	Mark

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2113	BBS	990	1	Graduate Research	Allison	Jeroan
2417	BBS	990	1	Graduate Research	Alonso	Laura
1729	BBS	990	1	Graduate Research	Ambros	Victor
4807	BBS	990	1	Graduate Research	ANACLET	Christelle
1731	BBS	990	1	Graduate Research	ANDERSON	Frederick Arthur
2605	BBS	990	1	Graduate Research	Aroian	Raffi
1733	BBS	990	1	Graduate Research	Aronin	Neil
1735	BBS	990	1	Graduate Research	Bach	Ingolf
1737	BBS	990	1	Graduate Research	Baehrecke	Eric
2193	BBS	990	1	Graduate Research	Bailey	Jeffrey
1739	BBS	990	1	Graduate Research	Baker	Richard
2391	BBS	990	1	Graduate Research	Behar	Samuel
2229	BBS	990	1	Graduate Research	Benanti	Jennifer
2195	BBS	990	1	Graduate Research	Benard	Claire
1741	BBS	990	1	Graduate Research	Berg	Leslie
2363	BBS	990	1	Graduate Research	Bergmann	Andreas
1743	BBS	990	1	Graduate Research	Bogdanov	Alexei
1745	BBS	990	1	Graduate Research	Bolon	Daniel
1747	BBS	990	1	Graduate Research	Bortell	Rita
1749	BBS	990	1	Graduate Research	Bosch	Irene
2077	BBS	990	1	Graduate Research	Bosco	Daryl
1751	BBS	990	1	Graduate Research	Boyartchuk	Victor
2197	BBS	990	1	Graduate Research	Boyer	Edward
2393	BBS	990	1	Graduate Research	Brass	Abraham
2199	BBS	990	1	Graduate Research	Brehm	Michael
2493	BBS	990	1	Graduate Research	Brewer	Judson
4401	BBS	990	1	Graduate Research	Brewster	Robert
1753	BBS	990	1	Graduate Research	Brodsky	Michael
2081	BBS	990	1	Graduate Research	Brown	Robert
1755	BBS	990	1	Graduate Research	Budnik	Vivian
4811	BBS	990	1	Graduate Research	BYRNE	Alexandra Catherine
1757	BBS	990	1	Graduate Research	Cantor	Sharon
1759	BBS	990	1	Graduate Research	Carruthers	Anthony
1761	BBS	990	1	Graduate Research	Castilla	Lucio
4403	BBS	990	1	Graduate Research	Cavacini	Lisa
2201	BBS	990	1	Graduate Research	Ceol	Craig
1763	BBS	990	1	Graduate Research	CHAN	Francis Ka Ming
1765	BBS	990	1	Graduate Research	Clapham	Paul
1767	BBS	990	1	Graduate Research	Clark	Robin
2115	BBS	990	1	Graduate Research	Cooper	Marcus
1769	BBS	990	1	Graduate Research	Corvera	Silvia
1771	BBS	990	1	Graduate Research	Craig	Roger
1773	BBS	990	1	Graduate Research	Czech	Michael
1775	BBS	990	1	Graduate Research	Davis	Roger
1777	BBS	990	1	Graduate Research	Dekker	Job

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4415	BBS	990	1	Graduate Research	Deligiannidis	Kristina
1779	BBS	990	1	Graduate Research	DIFRANZA	Joseph
1781	BBS	990	1	Graduate Research	Dobner	Paul
4808	BBS	990	1	Graduate Research	Donahue	Kevin
1783	BBS	990	1	Graduate Research	Doxsey	Stephen
1785	BBS	990	1	Graduate Research	Ellison	Richard
2437	BBS	990	1	Graduate Research	Emerson	Charles
1787	BBS	990	1	Graduate Research	EMERY	Patrick
1947	BBS	990	1	Graduate Research	Etzel	Lori
2231	BBS	990	1	Graduate Research	Fazio	Thomas
1789	BBS	990	1	Graduate Research	FIELD	Terry
1791	BBS	990	1	Graduate Research	Finberg	Robert
1793	BBS	990	1	Graduate Research	Fisher	William
1795	BBS	990	1	Graduate Research	Fitzgerald	Katherine
1797	BBS	990	1	Graduate Research	Flotte	Terence
1799	BBS	990	1	Graduate Research	Francis	Michael
1801	BBS	990	1	Graduate Research	Franklin	Patricia
2315	BBS	990	1	Graduate Research	FREEDMAN	Jane
1803	BBS	990	1	Graduate Research	Freeman	Marc
2139	BBS	990	1	Graduate Research	Fulwiler	Carl
2259	BBS	990	1	Graduate Research	Futai	Kensuke
1805	BBS	990	1	Graduate Research	Galdzicka	Marzena
2203	BBS	990	1	Graduate Research	Gao	Fen-Biao
1809	BBS	990	1	Graduate Research	Gao	Guangping
2409	BBS	990	1	Graduate Research	Garber	Manuel
1807	BBS	990	1	Graduate Research	Gardner	Paul
1811	BBS	990	1	Graduate Research	Gilmore	James
1813	BBS	990	1	Graduate Research	Ginns	Edward
2237	BBS	990	1	Graduate Research	Goguen	Jon
1815	BBS	990	1	Graduate Research	Goldberg	Robert
1817	BBS	990	1	Graduate Research	Golenbock	Douglas
1819	BBS	990	1	Graduate Research	Gottlinger	Heinrich
1821	BBS	990	1	Graduate Research	Gounis	Matthew
1823	BBS	990	1	Graduate Research	Gravallese	Ellen
1825	BBS	990	1	Graduate Research	Green	Michael
1827	BBS	990	1	Graduate Research	Green	Sharone
4897	BBS	990	1	Graduate Research	GREER	Paul Lieberman
1829	BBS	990	1	Graduate Research	Greiner	Dale
1831	BBS	990	1	Graduate Research	Grossman	Steven
2407	BBS	990	1	Graduate Research	Grunwald	David
2119	BBS	990	1	Graduate Research	Guertin	David
1833	BBS	990	1	Graduate Research	Hagstrom	Kirsten
2373	BBS	990	1	Graduate Research	Hall-Anderson	Lisa
2255	BBS	990	1	Graduate Research	Han	Gang
2299	BBS	990	1	Graduate Research	Harris	John

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4653	BBS	990	1	Graduate Research	Haynes	Cole
1835	BBS	990	1	Graduate Research	Hayward	Lawrence
2481	BBS	990	1	Graduate Research	Huh	Jun
1837	BBS	990	1	Graduate Research	Huseby	Eric
1839	BBS	990	1	Graduate Research	Imbalzano	Anthony
1841	BBS	990	1	Graduate Research	Iorio	Ronald
1843	BBS	990	1	Graduate Research	Ip	Yicktung
4809	BBS	990	1	Graduate Research	IRAZOQUI	Javier Elbio
1845	BBS	990	1	Graduate Research	Jacobson	Allan
2205	BBS	990	1	Graduate Research	Jensen	Jeffrey
1847	BBS	990	1	Graduate Research	Jonassen	Julie
2439	BBS	990	1	Graduate Research	Jones	Peter
1849	BBS	990	1	Graduate Research	Jones	Stephen
1851	BBS	990	1	Graduate Research	Kang	Joonsoo
2607	BBS	990	1	Graduate Research	Karlsson	Elinor
1853	BBS	990	1	Graduate Research	Kaufman	Paul
2207	BBS	990	1	Graduate Research	Keaney	John
2395	BBS	990	1	Graduate Research	Kelch	Brian
1855	BBS	990	1	Graduate Research	Kelliher	Michelle
2291	BBS	990	1	Graduate Research	Kennedy	David
2241	BBS	990	1	Graduate Research	Khanna	Hemant
2471	BBS	990	1	Graduate Research	Khvorova	Anastasia
2121	BBS	990	1	Graduate Research	Kiefe	Catarina
1857	BBS	990	1	Graduate Research	Kilpatrick	Daniel
4405	BBS	990	1	Graduate Research	Kim	Dohoon
2075	BBS	990	1	Graduate Research	Kim	Jason
1859	BBS	990	1	Graduate Research	King	Jean
1861	BBS	990	1	Graduate Research	King	Michael
2441	BBS	990	1	Graduate Research	King	Oliver
1865	BBS	990	1	Graduate Research	Kobertz	William
1867	BBS	990	1	Graduate Research	Kornfeld	Hardy
2309	BBS	990	1	Graduate Research	Korostelev	Andrei
1869	BBS	990	1	Graduate Research	Kowalik	Timothy
1871	BBS	990	1	Graduate Research	Kurt-Jones	Evelyn
1873	BBS	990	1	Graduate Research	Lambright	David
2209	BBS	990	1	Graduate Research	Landers	John
1875	BBS	990	1	Graduate Research	Languino	Lucia
1877	BBS	990	1	Graduate Research	Latz	Eicke
1879	BBS	990	1	Graduate Research	Lawrence	Jeanne
1881	BBS	990	1	Graduate Research	Lawson	Nathan
2475	BBS	990	1	Graduate Research	Lee	Michael
1883	BBS	990	1	Graduate Research	Leiter	Andrew
1885	BBS	990	1	Graduate Research	Lemos	Jose
1887	BBS	990	1	Graduate Research	Leonard	Jack
1889	BBS	990	1	Graduate Research	Leong	John

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
1891	BBS	990	1	Graduate Research	Levitz	Stuart
1893	BBS	990	1	Graduate Research	Lewis	Brian
1895	BBS	990	1	Graduate Research	Li	Hong-Sheng
2071	BBS	990	1	Graduate Research	Li	Shaoguang
1897	BBS	990	1	Graduate Research	Lian	Jane
1899	BBS	990	1	Graduate Research	Libraty	Daniel
1901	BBS	990	1	Graduate Research	Lien	Egil
1903	BBS	990	1	Graduate Research	Lilly	Craig
2443	BBS	990	1	Graduate Research	Litvak	Vladimir
2211	BBS	990	1	Graduate Research	Lois	Carlos
1905	BBS	990	1	Graduate Research	Lu	Shan
2375	BBS	990	1	Graduate Research	Luban	Jeremy
1907	BBS	990	1	Graduate Research	Luckmann	Roger
1909	BBS	990	1	Graduate Research	Luna	Elizabeth
1911	BBS	990	1	Graduate Research	Lyle	Stephen
2371	BBS	990	1	Graduate Research	Maehr	Rene
2463	BBS	990	1	Graduate Research	Mandon	Elisabet
2083	BBS	990	1	Graduate Research	Mao	Junhao
2213	BBS	990	1	Graduate Research	Maranda	Louise
1913	BBS	990	1	Graduate Research	Marinus	Martin
2377	BBS	990	1	Graduate Research	Martin	Gilles
4673	BBS	990	1	Graduate Research	MARTINS	Paulo
1915	BBS	990	1	Graduate Research	Massi	Francesca
2293	BBS	990	1	Graduate Research	Mathew	Anuja
1917	BBS	990	1	Graduate Research	Matthews	Charles
1919	BBS	990	1	Graduate Research	McCollum	Dannel
2085	BBS	990	1	Graduate Research	McCormick	Beth
1921	BBS	990	1	Graduate Research	Melikian	Haley
1923	BBS	990	1	Graduate Research	Mello	Craig
1925	BBS	990	1	Graduate Research	Mercurio	Arthur
2249	BBS	990	1	Graduate Research	Miklinevich	Kaitlyn
1927	BBS	990	1	Graduate Research	Miller	Stephen
4587	BBS	990	1	Graduate Research	MITCHELL	Amir Zadok
2295	BBS	990	1	Graduate Research	Moore	Constance
1929	BBS	990	1	Graduate Research	Moore	Melissa
2137	BBS	990	1	Graduate Research	Moormann	Ann
1931	BBS	990	1	Graduate Research	Morrison	Trudy
2323	BBS	990	1	Graduate Research	Muller	Christian
1933	BBS	990	1	Graduate Research	Munson	Maryann
1935	BBS	990	1	Graduate Research	Newburger	Peter
1937	BBS	990	1	Graduate Research	Ockene	Ira
1939	BBS	990	1	Graduate Research	Ockene	Judith
1941	BBS	990	1	Graduate Research	ODGREN	Paul Raymond
2465	BBS	990	1	Graduate Research	Ogembo	Javier
4813	BBS	990	1	Graduate Research	Ortiz-Miranda	Sonia

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2091	BBS	990	1	Graduate Research	Ostroff	Gary
1943	BBS	990	1	Graduate Research	Paydarfar	David
1945	BBS	990	1	Graduate Research	Pazour	Gregory
1949	BBS	990	1	Graduate Research	Peterson	Craig
1951	BBS	990	1	Graduate Research	Pryciak	Peter
2573	BBS	990	1	Graduate Research	Pukkila-Worley	Read
2301	BBS	990	1	Graduate Research	Punzo	Claudio
1953	BBS	990	1	Graduate Research	Ram	Sanjay
2073	BBS	990	1	Graduate Research	Rana	Tariq
1955	BBS	990	1	Graduate Research	Rando	Oliver
4535	BBS	990	1	Graduate Research	REBOLDI	Andrea
1957	BBS	990	1	Graduate Research	Reed	George
1959	BBS	990	1	Graduate Research	Reppert	Steven
1961	BBS	990	1	Graduate Research	Rhind	Nicholas
1963	BBS	990	1	Graduate Research	Rice	Peter
1965	BBS	990	1	Graduate Research	Richter	Joel
1967	BBS	990	1	Graduate Research	Rivera Perez	Jaime
1969	BBS	990	1	Graduate Research	Rock	Kenneth
4873	BBS	990	1	Graduate Research	Rogaev	Evgeny
1971	BBS	990	1	Graduate Research	Ross	Alonzo
1973	BBS	990	1	Graduate Research	Rothman	Alan
1975	BBS	990	1	Graduate Research	Rothschild	Anthony
2215	BBS	990	1	Graduate Research	Rothstein	Ann
1977	BBS	990	1	Graduate Research	Royer	William
1979	BBS	990	1	Graduate Research	Ruiz De Luzuriaga	Katherine
1981	BBS	990	1	Graduate Research	Ryder	Sean
1983	BBS	990	1	Graduate Research	Sagerstrom	Charles
1985	BBS	990	1	Graduate Research	Sassetti	Christopher
2609	BBS	990	1	Graduate Research	Schafer	Dorothy
1987	BBS	990	1	Graduate Research	Schiffer	Celia
1989	BBS	990	1	Graduate Research	Schmidt	Madelyn
1991	BBS	990	1	Graduate Research	Schwartz	William
1993	BBS	990	1	Graduate Research	Selin	Liisa
2117	BBS	990	1	Graduate Research	Sena Esteves	Miguel
2297	BBS	990	1	Graduate Research	Shaffer	Scott
1995	BBS	990	1	Graduate Research	Shaw	Leslie
4812	BBS	990	1	Graduate Research	Shim	Jae-Hyuck
1997	BBS	990	1	Graduate Research	Silverman	Neal
1999	BBS	990	1	Graduate Research	Simin	Karl
2001	BBS	990	1	Graduate Research	Sluder	Greenfield
2003	BBS	990	1	Graduate Research	Sluss	Hayla
4705	BBS	990	1	Graduate Research	Smelson	David
2005	BBS	990	1	Graduate Research	Socolovsky	Merav
2007	BBS	990	1	Graduate Research	Song	Jie
2575	BBS	990	1	Graduate Research	Sontheimer	Erik

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2009	BBS	990	1	Graduate Research	Sotak	Christopher
2011	BBS	990	1	Graduate Research	Stavnezer	Janet
2013	BBS	990	1	Graduate Research	Stein	Gary
2015	BBS	990	1	Graduate Research	Stein	Janet
2017	BBS	990	1	Graduate Research	Stern	Lawrence
2019	BBS	990	1	Graduate Research	Stevenson	Mario
2021	BBS	990	1	Graduate Research	Sullivan	John
2303	BBS	990	1	Graduate Research	Swain	Susan
2023	BBS	990	1	Graduate Research	Szabo	Gyongyi
2027	BBS	990	1	Graduate Research	Tapper	Andrew
2029	BBS	990	1	Graduate Research	Terajima	Masanori
2031	BBS	990	1	Graduate Research	Theurkauf	William
2577	BBS	990	1	Graduate Research	Thompson	Paul
2033	BBS	990	1	Graduate Research	Tissenbaum	Heidi
2325	BBS	990	1	Graduate Research	Trivedi	Chinmay
2025	BBS	990	1	Graduate Research	Tsuda	Eva
2035	BBS	990	1	Graduate Research	Urano	Fumihiko
2037	BBS	990	1	Graduate Research	Vanwijnen	Andre
2039	BBS	990	1	Graduate Research	Volkert	Michael
2041	BBS	990	1	Graduate Research	Waddell	Scott
2043	BBS	990	1	Graduate Research	Walhout	Albertha
2369	BBS	990	1	Graduate Research	Walker	Amy
2045	BBS	990	1	Graduate Research	Walsh	John
2579	BBS	990	1	Graduate Research	Wang	Donghai
2217	BBS	990	1	Graduate Research	Wang	Jennifer
2047	BBS	990	1	Graduate Research	Wang	Yong
2219	BBS	990	1	Graduate Research	Waring	Molly
4601	BBS	990	1	Graduate Research	Watts	Jonathan
2049	BBS	990	1	Graduate Research	Weaver	David
2051	BBS	990	1	Graduate Research	Welsh	Raymond
2053	BBS	990	1	Graduate Research	Weng	Zhiping
2055	BBS	990	1	Graduate Research	Wolfe	Scot
2057	BBS	990	1	Graduate Research	Woodland	Robert
2367	BBS	990	1	Graduate Research	Xiang	Yang
2059	BBS	990	1	Graduate Research	Xu	Zuoshang
2611	BBS	990	1	Graduate Research	Xue	Wen
2061	BBS	990	1	Graduate Research	Yoshihara	Motojiro
2495	BBS	990	1	Graduate Research	Yu	Hong
2063	BBS	990	1	Graduate Research	Zamore	Phillip
2065	BBS	990	1	Graduate Research	Zapp	Maria
2079	BBS	990	1	Graduate Research	Zeldovich	Konstantin
2067	BBS	990	1	Graduate Research	Zhang	Hong
2451	BBS	990	1	Graduate Research	Zhang	Nanyin
2069	BBS	990	1	Graduate Research	ZHUGE	Ronghua
2365	BBS	990	1	Graduate Research	Ziedonis	Douglas

Clinical & Translational Science Non-Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2655	CTS	602A	CPH	Adv Epidemiology & Res Mthds	Jesdale	William
2645	CTS	603A	CPH	Generalized Linear Models	Person	Sharina
3211	CTS	605A	ERL	Intro to Clin.Epi & Biostatist	Chrysanthopoulou	Stavroula
2647	CTS	611	CPH	Scientific Writing	Goldberg	Robert
4859	CTS	620	CPH	Clin & Trans Research Sem	Kiefe	Catarina
2641	CTS	701	CPH	Systematic Review	Ulbricht	Christine
2649	CTS	702	CPH	Ethics for Clinical Research	Dube	Catherine
4860	CTS	725	CPH	Intro. US Hlthcare Sys:Policy.	Clark	Robin
4861	CTS	726	CPH	Design/Conduct StudChronic Dis	Goldberg	Robert
2659	CTS	735	CPH	Intro.Implementation Science	Hogan	Timothy
2643	CTS	799	CPH	Independent Study	Lapane	Kate
2653	CTS	799	CPH	Independent Study	Goldberg	Robert
4599	CTS	799	CPH	Independent Study	Person	Sharina
4621	CTS	799	CPH	Independent Study	Epstein	Mara
4609	CTS	799	CPH	Independent Study	Ockene	Judith
4611	CTS	799	CPH	Independent Study	Ash	Arlene
4884	CTS	799	CPH	Independent Study	Allison	Jeroan
4885	CTS	799	CPH	Independent Study	LIU	Shao-Hsien
2651	CTS	802	CPH	Journal Club	Goldberg	Robert
2661	CTS	865	CPH	CTS TRAC MEETING	Lapane	Kate

Clinical & Translational Science Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4489	CTS	550	CTS	Research Assistantship	Epstein	Mara
4593	CTS	550	ERL	Research Assistantship	Epstein	Mara
2967	CTS	550	CTS	Research Assistantship	Person	Sharina
2969	CTS	550	CTS	Research Assistantship	Rosal	Milagros
2965	CTS	550	CTS	Research Assistantship	Rosen	Allison
4835	CTS	850	CTS	Research Assistantship	Aidlen	Jeremy
2825	CTS	850	CTS	Research Assistantship	Alavi	Karim
2687	CTS	850	CTS	Research Assistantship	Allison	Jeroan
2937	CTS	850	CTS	Research Assistantship	ANDERSON	Frederick Arthur
2931	CTS	850	CTS	Research Assistantship	Ash	Arlene
2681	CTS	850	CTS	Research Assistantship	Boudreaux	Edwin
2885	CTS	850	CTS	Research Assistantship	Bova	Carol
2883	CTS	850	CTS	Research Assistantship	Brewer	Judson
4866	CTS	850	ERL	Research Assistantship	Brewer	Judson
4437	CTS	850	CTS	Research Assistantship	Clark	Melissa
2939	CTS	850	CTS	Research Assistantship	Clark	Robin
4427	CTS	850	CTS	Research Assistantship	Deligiannidis	Kristina
2887	CTS	850	CTS	Research Assistantship	Dube	Catherine
2827	CTS	850	CTS	Research Assistantship	Epstein	Mara
2889	CTS	850	CTS	Research Assistantship	Fang	Hua

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2669	CTS	850	CTS	Research Assistantship	Frazier	Jean
2685	CTS	850	CTS	Research Assistantship	Goldberg	Robert
2945	CTS	850	CTS	Research Assistantship	Harlan	David
2891	CTS	850	CTS	Research Assistantship	Hoaglin	David
2893	CTS	850	CTS	Research Assistantship	Hogan	Timothy
2683	CTS	850	CTS	Research Assistantship	Houston	Thomas
2971	CTS	850	CTS	Research Assistantship	Jesdale	William
2961	CTS	850	CTS	Research Assistantship	Kiefe	Catarina
3213	CTS	850	ERL	Research Assistantship	Kiefe	Catarina
2875	CTS	850	CTS	Research Assistantship	LAFEMINA	Jennifer
2679	CTS	850	CTS	Research Assistantship	Lapane	Kate
2933	CTS	850	CTS	Research Assistantship	Lemon	Stephenie
2935	CTS	850	CTS	Research Assistantship	Luckmann	Roger
2829	CTS	850	CTS	Research Assistantship	Madison	John
2675	CTS	850	CTS	Research Assistantship	Marsh	Wendy
4677	CTS	850	CTS	Research Assistantship	MARTINS	Paulo
2861	CTS	850	CTS	Research Assistantship	Mattocks	Kristin
4886	CTS	850	CTS	Research Assistantship	Mazor	Kathleen
4507	CTS	850	CTS	Research Assistantship	McManus	David
2693	CTS	850	CTS	Research Assistantship	Mick	Eric
2975	CTS	850	CTS	Research Assistantship	Moormann	Ann
2691	CTS	850	CTS	Research Assistantship	Ockene	Judith
2831	CTS	850	CTS	Research Assistantship	OLENDZKI	Barbara
2973	CTS	850	CTS	Research Assistantship	Pagoto	Sherry
2673	CTS	850	CTS	Research Assistantship	Person	Sharina
2869	CTS	850	CTS	Research Assistantship	Rosal	Milagros
2671	CTS	850	CTS	Research Assistantship	Rosen	Allison
2895	CTS	850	CTS	Research Assistantship	Rosen	Amy
2963	CTS	850	CTS	Research Assistantship	Saczynski	Jane
2689	CTS	850	CTS	Research Assistantship	Salmoirago Blotcher	Elena
2833	CTS	850	CTS	Research Assistantship	Santry	Heena
2677	CTS	850	CTS	Research Assistantship	Schneider	Kristin
4709	CTS	850	CTS	Research Assistantship	Smelson	David
2835	CTS	850	CTS	Research Assistantship	Spencer	Frederick
4879	CTS	850	CTS	Research Assistantship	Ulbricht	Christine
2667	CTS	850	CTS	Research Assistantship	Upshur	Carole
2867	CTS	850	CTS	Research Assistantship	Waring	Molly
2897	CTS	850	CTS	Research Assistantship	Yu	Hong
2959	CTS	850	CTS	Research Assistantship	Ziedonis	Douglas
4836	CTS	870	CTS	Pre-Thesis Research	Aidlen	Jeremy
4607	CTS	870	CTS	Pre-Thesis Research	Alavi	Karim
4875	CTS	870	CTS	Pre-Thesis Research	Allison	Jeroan
4497	CTS	870	CTS	Pre-Thesis Research	Goldberg	Robert
4729	CTS	870	ERL	Pre-Thesis Research	Goldberg	Robert
4495	CTS	870	CTS	Pre-Thesis Research	Kiefe	Catarina

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4499	CTS	870	CTS	Pre-Thesis Research	Lapane	Kate
4491	CTS	870	CTS	Pre-Thesis Research	Lemon	Stephenie
4679	CTS	870	CTS	Pre-Thesis Research	MARTINS	Paulo
4876	CTS	870	CTS	Pre-Thesis Research	Mattocks	Kristin
4887	CTS	870	CTS	Pre-Thesis Research	Mazor	Kathleen
4615	CTS	870	CTS	Pre-Thesis Research	McCormick	Beth
4509	CTS	870	CTS	Pre-Thesis Research	McManus	David
4493	CTS	870	CTS	Pre-Thesis Research	Ockene	Judith
4589	CTS	870	CTS	Pre-Thesis Research	Pagoto	Sherry
4597	CTS	870	CTS	Pre-Thesis Research	Person	Sharina
4619	CTS	870	CTS	Pre-Thesis Research	Rosal	Milagros
4711	CTS	870	CTS	Pre-Thesis Research	Smelson	David
4880	CTS	870	CTS	Pre-Thesis Research	Ulbricht	Christine
4837	CTS	900	CTS	Thesis Research	Aidlen	Jeremy
2837	CTS	900	CTS	Thesis Research	Alavi	Karim
2721	CTS	900	CTS	Thesis Research	Allison	Jeroan
4827	CTS	900	CTS	Thesis Research	ANACLET	Christelle
2715	CTS	900	CTS	Thesis Research	ANDERSON	Frederick Arthur
2747	CTS	900	CTS	Thesis Research	Ash	Arlene
2733	CTS	900	CTS	Thesis Research	Bandini	Linda
2901	CTS	900	CTS	Thesis Research	Bova	Carol
2899	CTS	900	CTS	Thesis Research	Brewer	Judson
4439	CTS	900	CTS	Thesis Research	Clark	Melissa
2709	CTS	900	CTS	Thesis Research	Clark	Robin
4429	CTS	900	CTS	Thesis Research	Deligiannidis	Kristina
2749	CTS	900	CTS	Thesis Research	DIFRANZA	Joseph
4828	CTS	900	CTS	Thesis Research	Donahue	Kevin
2903	CTS	900	CTS	Thesis Research	Dube	Catherine
2839	CTS	900	CTS	Thesis Research	Epstein	Mara
2717	CTS	900	CTS	Thesis Research	Etzel	Lori
2905	CTS	900	CTS	Thesis Research	Fang	Hua
2699	CTS	900	CTS	Thesis Research	FIELD	Terry
2723	CTS	900	CTS	Thesis Research	Fisher	William
2703	CTS	900	CTS	Thesis Research	Franklin	Patricia
2729	CTS	900	CTS	Thesis Research	Frazier	Jean
2725	CTS	900	CTS	Thesis Research	Goldberg	Robert
2947	CTS	900	CTS	Thesis Research	Harlan	David
2907	CTS	900	CTS	Thesis Research	Hoaglin	David
2909	CTS	900	CTS	Thesis Research	Hogan	Timothy
2735	CTS	900	CTS	Thesis Research	Houston	Thomas
4829	CTS	900	CTS	Thesis Research	IRAZOQUI	Javier Elbio
2957	CTS	900	CTS	Thesis Research	Kiefe	Catarina
2739	CTS	900	CTS	Thesis Research	King	Jean
2757	CTS	900	CTS	Thesis Research	Lapane	Kate
2727	CTS	900	CTS	Thesis Research	Lemon	Stephenie

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2707	CTS	900	CTS	Thesis Research	Lilly	Craig
2705	CTS	900	CTS	Thesis Research	Luckmann	Roger
2841	CTS	900	CTS	Thesis Research	Madison	John
2713	CTS	900	CTS	Thesis Research	Madoff	Lawrence
2743	CTS	900	CTS	Thesis Research	Marsh	Wendy
4681	CTS	900	CTS	Thesis Research	MARTINS	Paulo
2863	CTS	900	CTS	Thesis Research	Mattocks	Kristin
4888	CTS	900	CTS	Thesis Research	Mazor	Kathleen
2697	CTS	900	CTS	Thesis Research	McLaughlin	Thomas
4511	CTS	900	CTS	Thesis Research	McManus	David
4843	CTS	900	CTS	Thesis Research	McManus	David
2759	CTS	900	CTS	Thesis Research	Mick	Eric
2751	CTS	900	CTS	Thesis Research	Moore	Constance
2719	CTS	900	CTS	Thesis Research	Ockene	Ira
4877	CTS	900	CTS	Thesis Research	Ockene	Judith
2843	CTS	900	CTS	Thesis Research	OLENDZKI	Barbara
2737	CTS	900	CTS	Thesis Research	Paydarfar	David
2741	CTS	900	CTS	Thesis Research	Person	Sharina
2701	CTS	900	CTS	Thesis Research	Reed	George
2871	CTS	900	CTS	Thesis Research	Rosal	Milagros
2731	CTS	900	CTS	Thesis Research	Rosen	Allison
2911	CTS	900	CTS	Thesis Research	Rosen	Amy
2711	CTS	900	CTS	Thesis Research	Rothman	Alan
2753	CTS	900	CTS	Thesis Research	Saczynski	Jane
2845	CTS	900	CTS	Thesis Research	Santry	Heena
2745	CTS	900	CTS	Thesis Research	Schneider	Kristin
4713	CTS	900	CTS	Thesis Research	Smelson	David
2847	CTS	900	CTS	Thesis Research	Spencer	Frederick
4881	CTS	900	CTS	Thesis Research	Ulbricht	Christine
2695	CTS	900	CTS	Thesis Research	Upshur	Carole
2755	CTS	900	CTS	Thesis Research	Ware	John
2941	CTS	900	CTS	Thesis Research	Waring	Molly
4830	CTS	900	CTS	Thesis Research	Watts	Jonathan
2913	CTS	900	CTS	Thesis Research	Yu	Hong
2955	CTS	900	CTS	Thesis Research	Ziedonis	Douglas
4838	CTS	990	CTS	Graduate Research	Aidlen	Jeremy
2849	CTS	990	CTS	Graduate Research	Alavi	Karim
2781	CTS	990	CTS	Graduate Research	Allison	Jeroan
4831	CTS	990	CTS	Graduate Research	ANACLET	Christelle
2775	CTS	990	CTS	Graduate Research	ANDERSON	Frederick Arthur
2665	CTS	990	CTS	Graduate Research	Ash	Arlene
2797	CTS	990	CTS	Graduate Research	Bandini	Linda
2917	CTS	990	CTS	Graduate Research	Bova	Carol
2915	CTS	990	CTS	Graduate Research	Brewer	Judson
4441	CTS	990	CTS	Graduate Research	Clark	Melissa

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2769	CTS	990	CTS	Graduate Research	Clark	Robin
4431	CTS	990	CTS	Graduate Research	Deligiannidis	Kristina
2813	CTS	990	CTS	Graduate Research	DIFRANZA	Joseph
4832	CTS	990	CTS	Graduate Research	Donahue	Kevin
2919	CTS	990	CTS	Graduate Research	Dube	Catherine
2851	CTS	990	CTS	Graduate Research	Epstein	Mara
2777	CTS	990	CTS	Graduate Research	Etzel	Lori
2921	CTS	990	CTS	Graduate Research	Fang	Hua
2787	CTS	990	CTS	Graduate Research	FIELD	Terry
2783	CTS	990	CTS	Graduate Research	Fisher	William
2789	CTS	990	CTS	Graduate Research	Franklin	Patricia
2793	CTS	990	CTS	Graduate Research	Frazier	Jean
2785	CTS	990	CTS	Graduate Research	Goldberg	Robert
2949	CTS	990	CTS	Graduate Research	Harlan	David
2923	CTS	990	CTS	Graduate Research	Hoaglin	David
2925	CTS	990	CTS	Graduate Research	Hogan	Timothy
2799	CTS	990	CTS	Graduate Research	Houston	Thomas
4833	CTS	990	CTS	Graduate Research	IRAZOQUI	Javier Elbio
2951	CTS	990	CTS	Graduate Research	Kiefe	Catarina
2803	CTS	990	CTS	Graduate Research	King	Jean
2879	CTS	990	CTS	Graduate Research	LAFEMINA	Jennifer
2821	CTS	990	CTS	Graduate Research	Lapane	Kate
2791	CTS	990	CTS	Graduate Research	Lemon	Stephenie
2767	CTS	990	CTS	Graduate Research	Lilly	Craig
2765	CTS	990	CTS	Graduate Research	Luckmann	Roger
2853	CTS	990	CTS	Graduate Research	Madison	John
2773	CTS	990	CTS	Graduate Research	Madoff	Lawrence
2807	CTS	990	CTS	Graduate Research	Marsh	Wendy
4683	CTS	990	CTS	Graduate Research	MARTINS	Paulo
2865	CTS	990	CTS	Graduate Research	Mattocks	Kristin
4890	CTS	990	CTS	Graduate Research	Mazor	Kathleen
2761	CTS	990	CTS	Graduate Research	McLaughlin	Thomas
4513	CTS	990	CTS	Graduate Research	McManus	David
2823	CTS	990	CTS	Graduate Research	Mick	Eric
2815	CTS	990	CTS	Graduate Research	Moore	Constance
2779	CTS	990	CTS	Graduate Research	Ockene	Ira
4878	CTS	990	CTS	Graduate Research	Ockene	Judith
2855	CTS	990	CTS	Graduate Research	OLENDZKI	Barbara
2801	CTS	990	CTS	Graduate Research	Paydarfar	David
2805	CTS	990	CTS	Graduate Research	Person	Sharina
2763	CTS	990	CTS	Graduate Research	Reed	George
2873	CTS	990	CTS	Graduate Research	Rosal	Milagros
2795	CTS	990	CTS	Graduate Research	Rosen	Allison
2927	CTS	990	CTS	Graduate Research	Rosen	Amy
2771	CTS	990	CTS	Graduate Research	Rothman	Alan

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2817	CTS	990	CTS	Graduate Research	Saczynski	Jane
2857	CTS	990	CTS	Graduate Research	Santry	Heena
2809	CTS	990	CTS	Graduate Research	Schneider	Kristin
4715	CTS	990	CTS	Graduate Research	Smelson	David
2859	CTS	990	CTS	Graduate Research	Spencer	Frederick
4882	CTS	990	CTS	Graduate Research	Ulbricht	Christine
2819	CTS	990	CTS	Graduate Research	Ware	John
2943	CTS	990	CTS	Graduate Research	Waring	Molly
4834	CTS	990	CTS	Graduate Research	Watts	Jonathan
2929	CTS	990	CTS	Graduate Research	Yu	Hong
2953	CTS	990	CTS	Graduate Research	Ziedonis	Douglas

Health Sciences Preparatory Program Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
3247	HSP	500	HSM	Building Working Cells & Tissu	Royer	William
3251	HSP	502A	HSM	Med Physiology & Histology A	Jonassen	Julie
3249	HSP	504A	HSM	Academic Achievement A	Hines	Deborah

MD/PhD Non-Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
2499	MDP	740A	MDP	Dev. Solutions Res.Prob.A Yr1	Corvera	Silvia
2547	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Corvera	Silvia
2519	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Sassetti	Christopher
2521	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Trivedi	Chinmay
2523	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Paydarfar	David
2525	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Grigg	Peter
2527	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Luckmann	Roger
2529	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Sena Esteves	Miguel
2531	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Guertin	David
2541	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Szabo	Gyongyi
2533	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Bosco	Daryl
2535	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Khanna	Hemant
2503	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Zhang	Nanyin
2537	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Tjia	Jennifer
2539	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Epstein	Mara
2543	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Ceol	Craig
2545	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Lee	Michael
2549	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Goldberg	Robert
2551	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Moore	Melissa
2555	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Walz	Jens
2581	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Pukkila-Worley	Read
2583	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Sontheimer	Erik
2585	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Thompson	Paul
2505	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Walhout	Albertha
2587	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Wang	Donghai
2627	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Xue	Wen
2629	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Alonso	Laura
2631	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Mercurio	Arthur
2633	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Fitzgerald	Katherine
2635	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Schafer	Dorothy
2637	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Brehm	Michael
2639	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Ward	Doyle
4603	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Khvorova	Anastasia
4435	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Deligiannidis	Kristina
2507	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Shaw	Leslie
4605	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Ziedonis	Douglas
4623	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Peterson	Craig
4625	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Baehrecke	Eric
4631	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	McManus	David
4633	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Weng	Zhiping
4687	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Francis	Michael
4719	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Rhind	Nicholas
4721	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Tapper	Andrew
2509	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Woodland	Robert

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4815	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	ANACLET	Christelle
4816	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Donahue	Kevin
4817	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	IRAZOQUI	Javier Elbio
4818	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Watts	Jonathan
4840	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	McManus	David
2511	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Harris	John
2513	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Levitz	Stuart
2515	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Schiffer	Celia
2517	MDP	740B	MDP	Dev. Solutions Res.Prob.B Yr2	Lawrence	Jeanne
2501	MDP	740C	MDP	Dev. Solutions Res.Prob.C Yr3	Corvera	Silvia
4345	MDP	741	MDP	Intro. to Translational Med	Corvera	Silvia
4347	MDP	742	MDP	MD/PhD HIPAA & OSHA Cert.	Michelson	Anne
4351	MDP	744	MDP	MD/PhD Learning Communities	Szabo	Gyongyi
4349	MDP	800	MDP	MD/PhD Seminar	Michelson	Anne

MD/PhD Research Course Class Number List

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4773	BBS	870	MDP	Prequalifying Research	Baehrecke	Eric
4774	BBS	870	MDP	Prequalifying Research	Boudreaux	Edwin
4775	BBS	870	MDP	Prequalifying Research	Khvorova	Anastasia
4776	BBS	870	MDP	Prequalifying Research	Peterson	Craig
4777	BBS	870	MDP	Prequalifying Research	Pukkila-Worley	Read
4900	BBS	870	MDP	Prequalifying Research	Sontheimer	Erik
4778	BBS	870	MDP	Prequalifying Research	Rhind	Nicholas
4779	BBS	870	MDP	Prequalifying Research	Weng	Zhiping
4780	BBS	870	MDP	Prequalifying Research	Xue	Wen
4781	BBS	900	MDP	Thesis Research	Alonso	Laura
4819	BBS	900	MDP	Thesis Research	ANACLET	Christelle
4543	BBS	900	MDP	Thesis Research	Ceol	Craig
4820	BBS	900	MDP	Thesis Research	Donahue	Kevin
4783	BBS	900	MDP	Thesis Research	Harris	John
4784	BBS	900	MDP	Thesis Research	Huh	Jun
4821	BBS	900	MDP	Thesis Research	IRAZOQUI	Javier Elbio
4541	BBS	900	MDP	Thesis Research	Lee	Michael
4785	BBS	900	MDP	Thesis Research	McCormick	Beth
4841	BBS	900	MDP	Thesis Research	McManus	David
4786	BBS	900	MDP	Thesis Research	Mercurio	Arthur
4549	BBS	900	MDP	Thesis Research	Moore	Melissa
4545	BBS	900	MDP	Thesis Research	Richter	Joel
4547	BBS	900	MDP	Thesis Research	Sassetti	Christopher
4782	BBS	900	MDP	Thesis Research	Schafer	Dorothy
4822	BBS	900	MDP	Thesis Research	Watts	Jonathan
4787	BBS	900	MDP	Thesis Research	Xue	Wen
4823	BBS	990	MDP	Graduate Research	ANACLET	Christelle

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4295	BBS	990	MDP	Graduate Research	Aronin	Neil
4297	BBS	990	MDP	Graduate Research	Bailey	Jeffrey
4341	BBS	990	MDP	Graduate Research	Behar	Samuel
4561	BBS	990	MDP	Graduate Research	Bosco	Daryl
4407	BBS	990	MDP	Graduate Research	Brewster	Robert
4299	BBS	990	MDP	Graduate Research	Brown	Robert
4844	BBS	990	MDP	Graduate Research	BYRNE	Alexandra Catherine
4409	BBS	990	MDP	Graduate Research	Cavacini	Lisa
4337	BBS	990	MDP	Graduate Research	Cooper	Marcus
4413	BBS	990	MDP	Graduate Research	Deligiannidis	Kristina
4824	BBS	990	MDP	Graduate Research	Donahue	Kevin
4301	BBS	990	MDP	Graduate Research	Gardner	Paul
4303	BBS	990	MDP	Graduate Research	Golenbock	Douglas
4339	BBS	990	MDP	Graduate Research	Gravallese	Ellen
4898	BBS	990	MDP	Graduate Research	GREER	Paul Lieberman
4557	BBS	990	MDP	Graduate Research	Guertin	David
4563	BBS	990	MDP	Graduate Research	Harris	John
4655	BBS	990	MDP	Graduate Research	Haynes	Cole
4825	BBS	990	MDP	Graduate Research	IRAZOQUI	Javier Elbio
4411	BBS	990	MDP	Graduate Research	Kim	Dohoon
4305	BBS	990	MDP	Graduate Research	Kurt-Jones	Evelyn
4551	BBS	990	MDP	Graduate Research	Lawrence	Jeanne
4307	BBS	990	MDP	Graduate Research	Levitz	Stuart
4309	BBS	990	MDP	Graduate Research	Li	Hong-Sheng
4311	BBS	990	MDP	Graduate Research	Lien	Egil
4675	BBS	990	MDP	Graduate Research	MARTINS	Paulo
4842	BBS	990	MDP	Graduate Research	McManus	David
4585	BBS	990	MDP	Graduate Research	MITCHELL	Amir Zadok
4814	BBS	990	MDP	Graduate Research	Ortiz-Miranda	Sonia
4533	BBS	990	MDP	Graduate Research	REBOLDI	Andrea
4313	BBS	990	MDP	Graduate Research	Rhind	Nicholas
4315	BBS	990	MDP	Graduate Research	Richter	Joel
4555	BBS	990	MDP	Graduate Research	Rock	Kenneth
4874	BBS	990	MDP	Graduate Research	Rogaev	Evgeny
4789	BBS	990	MDP	Graduate Research	Sassetti	Christopher
4317	BBS	990	MDP	Graduate Research	Schiffer	Celia
4319	BBS	990	MDP	Graduate Research	Shaw	Leslie
4845	BBS	990	MDP	Graduate Research	Shim	Jae-Hyuck
4707	BBS	990	MDP	Graduate Research	Smelson	David
4321	BBS	990	MDP	Graduate Research	Song	Jie
4323	BBS	990	MDP	Graduate Research	Szabo	Gyongyi
4559	BBS	990	MDP	Graduate Research	Trivedi	Chinmay
4369	BBS	990	MDP	Graduate Research	Walhout	Albertha
4826	BBS	990	MDP	Graduate Research	Watts	Jonathan
4325	BBS	990	MDP	Graduate Research	Weng	Zhiping

Class No.	Subject	Catalog	Session	Description	Faculty Last	Faculty First
4327	BBS	990	MDP	Graduate Research	Yang	Jason
4329	BBS	990	MDP	Graduate Research	Zamore	Phillip
4790	CTS	870	MDP	Pre-Thesis Research	Lapane	Kate
4791	CTS	870	MDP	Pre-Thesis Research	McManus	David
4331	CTS	990	MDP	Graduate Research	Allison	Jeroan
4333	CTS	990	MDP	Graduate Research	ANDERSON	Frederick Arthur
4443	CTS	990	MDP	Graduate Research	Clark	Melissa
4335	CTS	990	MDP	Graduate Research	Clark	Robin
4433	CTS	990	MDP	Graduate Research	Deligiannidis	Kristina
4565	CTS	990	MDP	Graduate Research	Kiefe	Catarina
4567	CTS	990	MDP	Graduate Research	Luckmann	Roger
4685	CTS	990	MDP	Graduate Research	MARTINS	Paulo
4889	CTS	990	MDP	Graduate Research	Mazor	Kathleen
4515	CTS	990	MDP	Graduate Research	McManus	David
4717	CTS	990	MDP	Graduate Research	Smelson	David
4293	MDP	990	MDP	MD/PhD Grad.Res.Stu Post-Disse	Michelson	Anne