# Department of Sociomedical Sciences

## Doctoral Students Handbook: Table of Contents

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OVERVIEW

In 1968, the Columbia University School of Public Health, now called Mailman School of Public Health, became the first institution in the country to offer a graduate degree in Sociomedical Sciences (SMS). What began as a collaborative research project on rural health care in 1956, spearheaded by a physician, an epidemiologist, and a sociologist, evolved over a decade's time into a formal doctoral program. Dr. Jack Elinson, the first head of SMS, coined the term "sociomedical sciences" to incorporate the social sciences of sociology, anthropology, history, political science, and social psychology into a multidisciplinary study of health and medicine.

SMS faculty are broadly involved in both research and teaching, with the goal of applying social science theory and methodology to health and medical issues. Research projects are focused on such contemporary health topics as sociocultural aspects of drug behavior and alcoholism, tobacco control, adolescent health, the role of social supports and social networks, health of the aged, social aspects of disability, the organization of health care and health care program evaluation, the health professions, stress and coping, the behavioral and ethical impact of AIDS, preventive health behavior, and gender and health.

Within the teaching program, four degrees are available: The Master of Public Health (MPH), the Masters of Science (MS), and the Doctor of Public Health (DrPH) are conferred by the Mailman School of Public Health, and the Doctor of Philosophy (PhD) is conferred by the Graduate School of Arts and Sciences. Doctoral graduates may expect to do research, teach, and/or assume senior positions in the public, non-profit, or private sectors. MPH graduates often work in public health agencies, participate as members of research and health promotion teams, or use the degree to complement such professional careers as nursing, law, medicine, social work, urban planning, occupational therapy, or international affairs.

GENERAL INFORMATION AND RESOURCES

Learning Objectives of Doctoral Programs

Doctor of Philosophy (PhD)

The PhD is designed for individuals who wish to combine training in history or in a social or behavioral science discipline with research on questions significant to public health and medicine. Students combine 30 credits of course work in a social science discipline of their choice with similar length of training in public health. Faculty mentors are drawn from the Department of Sociomedical Sciences, as well as other Mailman School of Public Health faculty with social science training, and faculty from social science Departments from the Graduate School of Arts and Sciences. Upon satisfactory completion of the PhD, students will be able to conduct independent and scholarly research that advances knowledge in public health and that both draws on and contributes to theory and methods of the social science discipline of their choice. The successful PhD graduate will be a scholar with a portfolio of independent research, who is prepared to teach students in either a social science Department or school of public health.
Upon satisfactory completion of the PhD degree in SMS, graduates will be able to:

- Identify and explain problems in public health and health care from the perspective of both public health and the theory and empirical findings of a social or behavioral science discipline:
  - Identify and explain core theoretical principles and methods in biostatistics and epidemiology;
  - Summarize and critically analyze theoretical principles and positions in three of the following six disciplines - anthropology, psychology, history, political science, and sociology - as they have been applied to research problems in public health and medicine, and
  - Restate, critique and synthesize the general theory and methods in one of the following disciplines: Anthropology, History, Political Science, Psychology, and Sociology;

- Identify the major qualitative and quantitative methods in the social and behavioral sciences and assess their major strengths and limitations:
  - Select the social science method or methods that are appropriate for addressing a research question specific to population, time and setting, and
  - Demonstrate an in-depth proficiency in data collection, research design and data analysis for two narrowly defined areas of social science methodology, one of which should include the major methodological traditions of the student’s disciplinary concentration;

- Undertake independent and original research:
  - Conceive, formulate and conduct original empirical research that applies or tests theory from a social science discipline to a research problem on health, illness, health behaviors among individuals and groups or the organization of public health and health care, and
  - Communicate in written and oral form the results of research findings to other scholars in both the selected social science discipline and public health; and

- Apply current standards for conducting ethical research with human subjects:
  - Identify principles and requirements for the protection of human subjects in public health research, and
  - Write and implement a research protocol that follows guidelines of the Institutional Review Board, and that protects the confidentiality of study subjects, minimizes their exposure to physical, social and psychological harm and, as appropriate, compensates subjects for their participation in a research study.

**Doctor of Public Health (DrPH)**

The DrPH is designed to train individuals who wish to build academic, policy, or program-oriented careers in public health, drawing on the theory and methods of the social and behavioral sciences. Students enter the program with an MPH or its equivalent. Students organize a course of study that brings the theory and methods of multiple social science disciplines to bear on a
public health topic of the student’s choosing. The selected topic falls within the research expertise of Mailman School of Public Health faculty. Faculty mentors are primarily drawn from the Department of Sociomedical Sciences (SMS), but other School of Public Health faculty with social science training may mentor DrPH students. Departments outside of SMS with faculty who participate in the training of DrPH include, but are not limited, to Health Policy and Management, Population and Family Health and Epidemiology. Upon satisfactory completion of the DrPH, students will be able to conduct independent research that will advance knowledge in public health or will apply social science research and methods to advance public health practice and policy. The successful DrPH graduate will be a scholar who has acquired sufficient expertise in a specific area of public health so that he or she is prepared to train the next generation of public health masters and doctoral students in the current state of social science knowledge.

Upon satisfactory completion of the DrPH degree in SMS, graduates will be able to:

- Identify and explain the theory and empirical findings in more than one social or behavioral science as applied to research problems in public health and health care:
  - Summarize and critically analyze theoretical principles and positions in three of the following five disciplines – anthropology, health psychology, history and sociology – as they have been applied to research problems in public health and health care, and
  - Restate, critique and synthesize key theoretical positions and empirical findings in more than one social science discipline as they apply to health, disease and health behaviors;

- Identify the major qualitative and quantitative methods in the social and behavioral sciences and assess their major strengths and limitations:
  - Select the social science method or methods that are appropriate for addressing a research question specific to population, time and setting, and
  - Demonstrate an in-depth proficiency in data collection, research design and data analysis for two narrowly defined areas of social science methodology;

- Undertake independent and original research:
  - Conceive, formulate and conduct original empirical research that applies the current state of social science knowledge and methods to a public health problem, and
  - Communicate in written and oral form the results of research findings to other scholars and to public health practitioners; and

- Apply current standards for conducting ethical research with human subjects:
  - Identify principles and requirements for the protection of human subjects in public health research, and
  - Write and implement a research protocol that follows guidelines of the Institutional Review Board, and that protects the confidentiality of study subjects, minimizes their exposure to physical, social and psychological harm and, as appropriate, compensates subjects for their participation in a research study.
Department of Sociomedical Sciences Central Office

The Department of Sociomedical Sciences is located on the 5th and 9th floor of 722 West 168th Street (212-305-5656). The SMS Central Office, located on the 9th floor, serves as a center of information for its students and faculty. Housed in the Central Office are the Department Chair, the Academic Program Coordinator, administrative support staff, and the Business Office. The Deputy Chair and Director of the Doctoral Program and Graduate Research Assistants are located on the 5th floor. Resources include a library of doctoral theses, bulletins of various schools of the University, qualifying exam reading lists, and the like, all available for student perusal. The Department has designated a Deputy Chair responsible for directing the doctoral programs. The Deputy Chair consults with the Department Chair regarding procedures that require Departmental approval, e.g., examination and dissertation committees, waivers and substitutions for course requirements. The Deputy Chair also works with other faculty on admissions, review of student academic performance, and curriculum. Jennifer Hirsch is the Deputy Chair of the Doctoral Program as well as the Chair of the SMS Subcommittee in the Graduate School of Arts and Sciences. She can be reached by email at jsh2124@columbia.edu. Professor Jo Phelan, who directs the Sociomedical Sciences Office for Doctoral Student Concerns, is another key faculty member with whom students can speak confidentially and seek advice about difficulties they may be having with the department administration, professors, advisors, research supervisors, dissertation advisors or committee members, or other students. She can be reached at jcp13@columbia.edu.

To assist the Deputy Chair, SMS faculty members have been designated as liaisons with each of the downtown Departments and a Director for the DrPH program. Among their roles are to monitor program requirements for their respective concentrations and to advise students on course requirements. For 2012-2013, the faculty liaisons are:

- Anthropology: Kim Hopper (hopper@nki.rfmh.org)
- History: David Rosner (dr289@columbia.edu)
- Psychology: Ana Abraido-Lanza (afl7@columbia.edu)
- Political Science: Ron Bayer (rb8@columbia.edu)
- Sociology: Connie Nathanson (can2003@columbia.edu)
- DrPH: Ana Abraido Lanza (afl7@columbia.edu) is the Director for the DrPH program.

Students should feel free to meet with any of the above faculty members regarding program requirements.

Although students are encouraged to phone or email for an appointment if they wish to consult with faculty, they are always welcome to drop in at the Central Office if they have questions or wish to look through any materials. Ms. Andrea Constancio is the Academic Program Coordinator for the department. Her door is always open, so feel free to come by at any time, if you have questions about SMS programs, for help getting through the Columbia bureaucracy, or just to say "hello!". Her phone number is 212-342-0287, and her e-mail address is ac995@columbia.edu. Toya Smith (ts2439; 212-305-5656) provides administrative support to the Academic Coordinator and to the Department.
Student files and progress sheets are kept in the office of the Academic Program Coordinator. If you have a change of address, phone number, or wish to include an additional e-mail address, update your student profile and contact information via SSOL (Student Services Online https://ssol.columbia.edu). Vital information, official communications, and program updates are communicated to students via their Columbia email and department listservs.

**Faculty Advisors**

Doctoral student advisement and mentoring occurs at multiple levels and evolves during the course of doctoral study. Upon matriculation to SMS, each student is assigned a faculty advisor. The advisor is responsible for guiding the student's progress through the program. The faculty advisor is often, but not always, the disciplinary liaison or DrPH Director. The faculty advisors assist students in planning coursework to meet their needs and research interests. During the coursework phase of their doctoral studies, students should meet with their advisors at least twice a semester. If the advisor does not reach out to the student to schedule this meeting, the student should contact the advisor to do so.

Course advisement is conducted at the start of each semester. Course selections to meet requirements, as well as electives, are reviewed by the DrPH Director or by the liaisons for each of the PhD disciplines. Faculty advisors also serve a more general role by assisting students in developing dissertation topics and locating appropriate faculty mentors. Students and advisors should meet at least once during the semester for this equally important, but more informal form of mentoring. In addition, all first year students should meet at least once with the Director of the Doctoral Programs (these meetings will be scheduled by Toya Smith).

Most students change advisors as their specific research focus develops. All Department faculty members are eligible to serve as advisors; many students select an advisor whose discipline matches their own disciplinary concentration, but it is not required that students do so. Students may find it helpful to discuss the selection of an advisor with Dr. Jo Phelan, Director of the Office for Doctoral Student Concerns. Students should inform the Academic Program Coordinator when contemplating any change of advisor. When a student selects a dissertation sponsor, this individual assumes responsibilities of the faculty advisor and mentor. Students are encouraged to reach out directly to any faculty member with whom they would like to work. The Deputy Chair for Doctoral Studies is also available to facilitate connections with potential advisors.

The Academic Program Coordinator is knowledgeable about the rules and facilities of the University and serves as a resource person to both students and faculty. Students should meet with the Academic Program Coordinator at registration time, and should consult with her about questions regarding the fulfillment of requirements or any other administrative or program-related matter.

**Minimum Performance Standards**

Beginning in fall 2005, the School instituted minimum performance standards for both PhD and DrPH students. A student in good standing will have received a B or better in all his or her
courses and maintain a 3.3 average in required courses. Students receiving a grade of B- or lower in any course must develop a remediation plan devised by their advisor. Students receiving B- or lower in two or more courses will be placed on Dean’s Hold until a plan of remediation, approved by the student’s advisor, is submitted to the Office of Student Affairs.

**Annual Academic Progress Review**

The Department’s primary mechanism for reviewing the academic progress of doctoral students is the annual progress report, which is completed each spring by all doctoral students. The progress report form is sent to students via email by the Academic Program Coordinator. Students must complete the form, consult with their academic advisors/dissertation sponsor for review and signature, and submit the signed form by the deadline; students who fail to submit the form on time will not be considered ‘in-good-standing’. Students engaged in any form of human subjects research as part of the dissertation process, whether it is preliminary research or dissertation research, must submit evidence of current IRB approval with the annual report. These reports are the basis for review by the Department to identify possible academic difficulties during the course work stage of graduate studies. Students on academic notice after course work is completed are subject to an academic review prior to taking the methods examination. For students who are beyond the seven-year limit for doctoral study established by the school, the reports provide a basis for the Director of the Doctoral Program to make a recommendation to the Department Chair and the Dean as to whether progress has been sufficient to merit a one-year extension (for more information on this, see section below, “Program Time Limits”).

**First Year Student Reviews**

First year students’ academic performance is first reviewed by SMS faculty in January. After this review students will receive a written evaluation that takes into consideration grades in courses and on assignments as well as GRA or TA-related work. The goal of this review and the subsequent letters is to ensure that students are adjusting well to doctoral-level training and to identify areas of potential concern so that appropriate means of remediation can be taken. Students may wish to discuss their academic performance reviews with Dr. Phelan, Director of the Office for Doctoral Student Concerns.

At the end of the first year, the Department will review each student’s progress to determine whether the student is in good academic standing, is required to do additional work, or should not be permitted to advance in the program. The review will be based on a performance portfolio, which includes an oral presentation, the student’s first year course grades, GRA- or TA-related work, and the student’s annual report.

**Oral presentation**

Each student will develop and present to a faculty committee a 15 minute presentation, drawing on the required reading lists for Social Determinants of Health and Contemporary Debates and on a supplementary reading list prepared by the student in connection with their final paper for the Contemporary Debates course. The student’s presentation will be followed by Q&A with
this committee of three faculty members. The presentation and Q&A will last not more than one hour altogether and will take place during the third week of May.

The goal of the oral presentation is to provide a context in which each student can demonstrate an understanding of the required and supplementary readings, and can explain and discuss critically those texts. This includes understanding key points, critiques, and intersections between texts.

Each student will individualize the oral presentation, drawing on the supplementary reading list composed of selections from his or her bibliography for the paper in Contemporary Debates. This selected list provides a chance to include theoretical and conceptual readings related to the student’s disciplinary and topical interests. Students will develop their lists in consultation with Professor Messeri and the faculty member co-advising them on the paper, and should submit a preliminary version early in the semester. The student may modify the supplementary reading list during the course of the semester, with a final, faculty-approved version placed by the student in his or her electronic file by April 15.

The audience for the student’s talk shall consist of three faculty: Professor Messeri, a second faculty member whose expertise reflects the student’s discipline or specific area of interest, and the Deputy Chair for Doctoral Studies, Professor Hirsch. The student will select the second faculty member and inform the Department when submitting the supplementary reading list. This SMS faculty member would be expected to be in the same discipline or program as the student taking the exam, but there may be exceptions. This second faculty member would also be the person co-advising the student on the preparation of the final paper for Contemporary Debates.

In preparing the presentation, each student should focus on specific themes or questions, rather than attempting to discuss every text covered. For example, a student might contrast several theoretical approaches to a specific problem, drawing on various authors. Or the student might examine how frameworks for analyzing inequality (or other concepts of interest to the student) have evolved. Or the student might explore the conceptual challenges and choices encountered in formulating his/her term paper. In March, Professor Messeri and Professor Hirsch will meet with students who are preparing for the oral presentation to answer questions about it.

Students may speak from notes and/or use powerpoint, and are encouraged to practice their presentations (and the Q&A) with peers. Satisfactory performance will entail demonstrating the ability to present a clear discussion and to coherently and concisely answer the questions asked by faculty. After the examination has concluded, the student will step out of the room. Each examiner will give the student one of three grades: high pass, pass, or fail. Students who receive a failing grade from two faculty members will be asked to do additional work and to present again in June.

**Performance portfolio**

The performance portfolio will include the first year examination and the critical thinking demonstrated therein, as well as all course grades. In June, the Doctoral Committee will review the first year students’ performance portfolios.
The Doctoral Committee will recommend whether the student 1) has finished the year in good academic standing; 2) requires additional or remedial work in the second year, or 3) should not be permitted to advance in the program. If a recommendation is made for additional or remedial work, the student shall meet with his or her presentation committee to develop a plan of action, with the student meeting quarterly with the advisor in year 2 to assess progress on that plan of action.

**International Students**

Under United States immigration law, it is your personal responsibility to maintain lawful F-1 or J-1 student status. That is, **you are responsible for finding out, knowing, and following pertinent regulations.**

If you take time early on to familiarize yourself with your obligations to the Department of Homeland Security (DHS), you should find it easy to maintain your legal status. If, however, you allow yourself to fall "out of status," it may be extraordinarily difficult to be reinstated to legal status.

If you have valid academic or health reasons for requiring more time to complete your program than that which is authorized on the Columbia I-20 or DS-2019, you must request a program extension through the International Students and Scholars Office. Come to the ISSO as soon as you know that you will need an extension and at least 30 days before the completion date noted on your I-20 or DS-2019 in order to have enough time to obtain any necessary documents.

The International Students and Scholars Office ([http://www.columbia.edu/cu/isson/isson.html](http://www.columbia.edu/cu/isson/isson.html)) provides other informational and social resources for international students. International students may also be interested in learning about International House ([http://www.ihouse-nyc.org/s/707/start.aspx](http://www.ihouse-nyc.org/s/707/start.aspx)).

**Financial Aid**

Students who need financial aid should first contact the Office Financial Aid in the Mailman School of Public Health (DrPH students) or the Graduate School of Arts and Sciences (PhD students). The types of student aid available, including loans, awards, and work-study employment, are outlined in the School Bulletins.

Each semester, there are a limited number of Teaching Assistants positions available to doctoral students. The Department appoints TAs for classes offered through the Department; TA positions in the MPH core are handled through the Dean’s office. The TAs receive a modest stipend or an hourly rate, with responsibilities that include serving as section leaders and assisting faculty in grading course papers and examinations. Doctoral students will be notified when TA opportunities arise. First priority in TA assignments controlled by the Department is given to students to whom the Department has a funding obligation (and, to be sure, who are qualified for that particular assignment); once those matches are made, announcements about TA opportunities will be made via the doctoral student listserv.
Graduate Research Assistantships (GRAs) Guidelines

The Department makes every effort to offer GRAs when applicants are accepted into the program. GRAs receive University appointments as Student Officers of Research. The renewal of GRA positions during the coursework phase of graduate studies will depend on academic performance. GRA assignments are the responsibility of the Deputy Chair for Doctoral Studies. They are made in consultation with department faculty, taking into account the requirements for specific positions. While every effort is made to match the interests of individual students to those of the GRA assignment, the overall goal is to cover the greatest number of students. Students can decline the offer of funding, but only under the most extreme circumstances would a request for a change in GRA position be considered.

SMS GRAs receive full tuition, health and computer fees and a stipend. The duration of scholarship coverage depends on which doctoral program the student is registered in and number of years in the program. For PhD students entering with a BA, GRA support covers 3 years or 6 Residence Units (RUs). For students entering with a previous Master’s degree, we will cover two years or 4 RUs, during which time students are expected to complete all required coursework. Students with a previous Master’s degree are expected to apply for two RUs of advanced standing during their second semester of residency.

DrPH students are covered for up to 30 credits. Typically, we cover 24 credits during the first year of the program and 6 additional credits during the 3rd semester. There is some flexibility in how DrPH students may apply these credits. For example, they can take fewer credits during the first two semesters and make up the difference in the third semester. However, all DrPH students must take a minimum of 3 courses during each of the first two semesters and must complete all 30 credits by the fourth semester. Under special conditions, as requested by the student, we can arrange for some of the credits to be applied to summer courses.

The GRA appointment is for a 9 month period from the first day of class through last day of exams for both fall and spring semesters. Students are assigned to work for 20 hours per week on a project. Continued work over the summer is left to the discretion of the student and faculty supervisor. If the student continues to work over the summer, the student will be paid as a casual worker.

Students have off all Medical Center Campus holidays, as well as spring break. Students should meet with their faculty supervisors at the start of their programs to work out their 20 hour per work schedule. Students may request to rearrange hours in order to attend meetings scheduled by the Department related to their academic training. If students need time off to study for exams, they should request it well in advance and arrange to make up the hours missed.

If students are progressing satisfactorily in their coursework, their GRA position will be renewed until coursework is completed.

Fellowships and Grants from government agencies and private foundations are available for graduate students, and all students are strongly encouraged to apply for external funding in their first year. The amounts awarded, eligibility for the awards, and the basis for selecting recipients
vary. Students interested in exploring these funding possibilities should consult with the Deputy Chair for Doctoral Studies, with Professor Kim Hopper who has advised many students on NSF applications, or with the liaisons or program director for the program in which they are enrolled. The partial list in Appendix E may be helpful, and students may also wish to consult the list of funding opportunities for graduate students found at [http://www.mailman.columbia.edu/faculty-staff/research-resources-r2-office/funding-resources/funding-resources-graduate-students](http://www.mailman.columbia.edu/faculty-staff/research-resources-r2-office/funding-resources/funding-resources-graduate-students), as well as the funding opportunity discussion board on the SMS Doctoral Student page of Sakai Courseworks ([https://newcourseworks.columbia.edu/welcome/](https://newcourseworks.columbia.edu/welcome/)). Students should also discuss opportunities with their advisors. Below is a timetable that lays out the overall sequence of milestones and suggests the moments at which different types of funding applications should be considered.

### General Overview of Training Milestones and Recommended Moments to Apply For External Funding

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<th>Phase of Training</th>
<th>Duration, Timing or Funding Sources</th>
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<td>Coursework</td>
<td>2-3 years depending on degree program and advanced standing</td>
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<td>First semester of first year</td>
<td>NSF Graduate Research Fellowship Program (excellent because no work requirement; SMS students have a very good track record with these, though unfortunately available only to US citizens)</td>
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<td>Early spring of first and second year</td>
<td>Summer research/travel grants for pre-dissertation exploratory research (various area studies institutes within Columbia, or other sources). If this work is considered ‘human subjects research’, students will need to submit a protocol for review to the Institutional Review Board (IRB). It is at this point that some students will have identified a faculty member with whom they would like to work most closely. Students who would like this person to take on the formal role of advisor may do so; this should be communicated to the program coordinator.</td>
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<td>Methods exam</td>
<td>May be taken while completing coursework requirements, but all methods requirements must be completed prior to the semester in which students take the methods exam. Students preparing for the methods exam should also be</td>
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thinking about the following milestones, below. By this point students should have identified a sponsor and begun to draft the dissertation proposal in order to apply for external funding.

**Preparation of dissertation research protocol for submission to Institutional Review Board**

Can take place as soon as student has a clear sense of the research questions and methods to be used, but should be done sufficiently in advance of dissertation proposal defense that research can begin once the dissertation proposal is approved.

**Comprehensive examinations**

These examinations should be taken in the semester following the methods exam.

The M. Phil awarded at this point to students in the Ph.D. program.

**Dissertation Proposal Defense**

The dissertation proposal defense should be completed within six months of the comprehensive examinations. Overall, it should take students no more than three semesters to complete the examination (methods, comprehensive, dissertation proposal) sequence.

**6-12 months before beginning dissertation research**

Students should seek (and hopefully secure) funding for support of dissertation research.

**During dissertation research**

Students should seek funding for support of dissertation writing 6-12 months before completing dissertation research.

**Accessing Information**

The following is a brief overview of how students may access information through computers at Columbia. Because this is a rapidly expanding information system, students are advised to become familiar with resources and assistance available at the Health Sciences Library and Columbia University Information Technology (CUIT). Many demonstration sessions are scheduled throughout the year and students are urged to attend them or call the Reference Librarian at 212-305-3692 for information.

Students should open a Columbia University e-mail account as soon as possible. The Department sends important information including program announcements and job postings for students via email. E-mail accounts are free to all Columbia University faculty, staff and students. The
Columbia University Network ID (UNI) is issued by CUIT. To activate e-mail, and for other computing information, at the main Columbia web page (www.columbia.edu), click on “E-mail and computing.”

Available on the Columbia home page, under “Students,” are quick links to schedules of classes, schedules of finals, grades, registration holds and bulletins, all which can be accessed with a Columbia UNI through Student Services Online (SSOL), https://ssol.columbia.edu. The Mailman School of Public Health has a web page at www.mailman.columbia.edu and SMS has its own departmental page within the School's home page.

Students can access any scholarly information and reference materials through Columbia Libraries website, library.columbia.edu.

**Campus Shuttle Service**

A free campus shuttle bus service is available between the Columbia University Medical Center Campus, the Morningside Campus, and Harlem Hospital. A valid Columbia University identification card is required. The shuttle runs between from early morning until late at night, except in the summer, when there is no evening service between the Health Sciences and Morningside Campuses. For up to date information about this and other shuttle bus services operated by Columbia University please check the Transportation Web site at http://transportation.columbia.edu/

**Campus Escort Service**

Students may call the Security Office (212-305-8100) for escort service between all Health Sciences facilities, or to their cars.

**Filing for Graduation**

Degrees are granted three times a year by the University: October, February and May. The precise dates vary somewhat from year to year, and students should check the schedule on the calendar sent to them, as well as in the school bulletins.

Students may file an application for graduation when they anticipate fulfillment of all degree requirements by the graduation date. An application must be filed with the school in which the student is enrolled (Mailman School of Public Health for DrPH students; Graduate School of Arts and Sciences for PhD students). The filing deadlines are absolute. These deadlines are the strictest in the University. **It is the student’s responsibility to file for graduation on time.**

MA  [http://registrar.columbia.edu/registrar-forms/application-degree-or-certificate](http://registrar.columbia.edu/registrar-forms/application-degree-or-certificate)
DrPH [http://www.mailman.columbia.edu/students/student-academics/registration-course-info/downloadable-forms](http://www.mailman.columbia.edu/students/student-academics/registration-course-info/downloadable-forms)
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<tr>
<th>Degree</th>
<th>Application Deadline</th>
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<tr>
<td>PhD</td>
<td>PhD Students intending to defend the PhD dissertation must file an Application for Dissertation Defense (please consult the GSAS Dissertation Handbook for current deadline dates). When the faculty committee has certified that the student has passed the dissertation defense, the candidate must, in order to receive the degree, arrange with the Dissertation Office (107 Low Memorial Library) for the deposit of the dissertation.</td>
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<td>DrPH</td>
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* Students who are granted two RUs of Advanced Standing are not eligible to receive the MA degree from Columbia; however, a student awarded one RU may earn a Columbia MA degree. (See Master of Arts Degree section of this handbook for more information)

**Candidates who have completed all the necessary requirements apply through their departments in order to receive the MPhil degree. Applications for the MPhil degree can be filed at any point in the calendar year. Degrees are conferred three times during the academic year—in October, February, and May. Students receiving an MPhil only do not participate in the Convocation ceremony, but may participate in the Commencement ceremony.
**PhD PROGRAM**

**Administration and Subcommittee**

The Graduate School of Arts and Sciences is the only School within Columbia University that can confer the PhD degree. Therefore the PhD program is formally administered by the Doctoral Program Subcommittee on Sociomedical Sciences within the Graduate School of Arts and Sciences. Members of the Subcommittee hold appointments in different Departments and Schools of the University, and share a scholarly interest in health issues and research. In addition to Sociomedical Sciences, the Departments and Schools currently represented on the Subcommittee include:

- The Departments of Anthropology, Sociology, Political Science*, Psychology, Economics* and History in the Graduate School of Arts & Sciences (GSAS).
  
  *The Department is not currently admitting students into the economics and political science concentrations.*
- Mailman School of Public Health
- College of Physicians and Surgeons, Faculty of Medicine

A listing of current members of the Subcommittee is included at the back of this Handbook (see Appendix A).

Faculty members serving on the Subcommittee are available to students for advisement, and may serve as examiners. The student's dissertation sponsor is usually drawn from the Subcommittee members. All PhD dissertation committees must include some subcommittee members.

Administrative details of the Sociomedical Sciences program are handled by the Chair of the Subcommittee, Professor Jennifer Hirsch, and by the Academic Program Coordinator, Ms. Andrea Constancio. She is also the students’ first point of contact to address administrative matters.

**Degree Requirements & Registration**

**Required Courses and Credits**

Each student is responsible for ensuring that his/her course selection is consistent with timely completion of all course requirements as stated in this handbook. (Students may satisfy course requirements through successful completion of equivalent graduate level courses. **Students seeking a waiver of any requirements should consult the procedures outlined on page 25.**) Please allow reasonable time for review of any waiver request.

All students in the PhD program must complete a minimum of 30 points in public health courses and 30 points in the their social science disciplinary focus. Each social science has its own specific course and language requirements (see page 44). Descriptions of social science courses are found in the Bulletin of the Graduate School of Arts and Sciences (and at [http://www.columbia.edu/cu/gsas/academic.html](http://www.columbia.edu/cu/gsas/academic.html)).
During their first year, all doctoral students are required to take a social theory course sequence, P8745 Social & Economic Determinants of Health with discussion section P8790.027 in the fall, and P8789 Contemporary Debates in SMS in the spring. Waivers are not permitted for these courses.

SMS PhD students are also required to demonstrate competence in epidemiology and basic statistics. This requirement may be satisfied by taking the Mailman School core courses in Epidemiology and Biostatistics, or by passing an exam (administered by the respective departments) demonstrating mastery of the content of these courses. An equivalent statistical course in a GSAS social science department may substitute for the biostatics core course. In addition, one course in advanced quantitative methods and one in qualitative methods are mandatory. Public Health course descriptions are listed in the Mailman School of Public Health Bulletin. There are numerous social science methodology courses taught throughout the University and the Consortium (see page 26) that also meet the advanced methods requirements. Check with your academic advisor or with the Academic Program Coordinator to confirm that courses meet this requirement.

SMS doctoral students must further demonstrate competence in approaching public health medical research from the perspective of social science disciplines other than the one in which they are concentrating. The requirement may be fulfilled by successfully completing two of the following five disciplinary courses: Medical Sociology, Medical Anthropology, Health Psychology, Social History of American Public Health, and Health Economics (which is offered in the Department of Health Policy and Management during the spring semester for non-HPM students). Students may also substitute other courses that cover a broad survey of a social science discipline’s approach to public health and medicine. The course does not have to be an SMS course, but it must be taught at a graduate level for either masters or doctoral students. Students wishing to substitute one or both discipline courses should submit their request through existing process for waiver of course requirements (see page 25).

Students who are fellows in the Department’s Gender, Sexuality and Health Training Program and other training programs may be required to complete additional course requirements. The GSH additional courses are outlined on page 49.

**Residence Requirements**

A Residence Unit (RU), equal to full-time registration for one semester at the Graduate School of Arts and Sciences, provides the basis for tuition charges; six RUs are required for the PhD degree. RUs may only be earned during fall and spring semesters, not during the summer.

PhD students must register for 1 RU each semester up to the total required 6 RUs. After the student has satisfied the residency requirement they must register for Matriculation & Facilities (M & F) or Extended Residence (ER) (see Continuous Registration page 21).

**Advanced Standing**

Advanced standing of up to two Residence Units (with an equivalent maximum of 30 points or
two semesters of course work) may be granted to students with related master's degrees, or with
course work equivalent to an MA degree from Columbia or elsewhere. A course is accepted for
credit when (1) it has contributed directly and substantially to the fulfillment of requirements for
the doctoral degree, and (2) it meets the Subcommittee's standards. Students who are granted two
RUs are not eligible to receive the MA degree from Columbia; however, a student awarded one
RU may earn a Columbia MA degree.

Students may not apply for Advanced Standing until they have successfully completed at least
one semester of work in the doctoral program. The student is responsible for initiating the
process of obtaining Advanced Standing. To initiate the process, the student should contact the
Academic Program Coordinator for an Advanced Standing Application Form, which must be
submitted with a transcript for evaluation to a Subcommittee member selected by the student.
The Subcommittee member submits a written evaluation and recommendation to the Chair of the
Subcommittee. If Advanced Standing is recommended by the Chair, the application form and
transcript will be forwarded to the Graduate School of Arts and Sciences for final approval.

Note: Advanced standing does not exempt students from taking courses required by the program,
or from courses which the student's advisor considers essential to his or her training, i.e., even
though the student is awarded 30 credits/2 RUs of advanced standing, s/he may have to take
more than the nominally 30 additional credits to complete SMS coursework requirements.

More information is available online under GSAS Academic Affairs Advanced Standing,

Continuous Registration

Continuous registration is required of PhD students until all requirements (including dissertation
defense) have been completed. Continuous registration means that the student must be registered
each and every semester for one of the following: A Residence Unit (RU), Extended Residence
(ER), Matriculation and Facilities (M & F); or, he or she must be on an official leave of absence.
If continuous registration is not maintained, the student must apply for readmission to the
Graduate School. ‘Continuous Registration’ does not include summer sessions.

Once the mandatory six Residence Units have been completed, students must register for
Extended Residence (ER) for any term in which (a) they hold a fellowship or University
appointment, or (b) they are completing a degree requirement such as course work, language and
comprehensive exams. Students planning to defend must register (M & F). Students who do not
fall into the above categories can satisfy the continuous registration requirement and maintain
their current status by registering for Matriculation and Facilities (M & F), allowing them access
to all University facilities.

Leaves of Absence & Readmission

Because of the continuous registration requirement, it is important for students to request leaves
of absence in writing for any term in which they will be away from the University. This may be
for reasons of ill health, maternity or paternity leave, military service, or other reasons deemed to
be acceptable for leave by the University. **If you do not officially request a leave of absence and do not register for a semester, you MUST apply for readmission to the University before registration is allowed. Also note that you will also be billed for the prior semester(s) before you are readmitted at the then current rate of payment.** This payment is called a variable reinstatement fee and is **not considered to be a tuition payment by the University.**

Prior to submitting the leave of absence form, students must meet with their advisor to discuss academic progress, plans, and leave. Students should understand that taking a leave during the period in which the Department has offered support may result in a loss of funding. To request a leave of absence, submit the completed Leave of Absence form, available online at http://www.columbia.edu/cu/gsas/pdf-files/leave_of_absence_form.pdf, along with a letter of intent to the Chair of the Department for consideration. For further details, and information regarding leaves of absence and readmission, consult the GSAS Bulletin.

**Program Time Limits**

Students who entered the in the PhD program prior to fall 2011 are allowed a total of seven years to complete the PhD including the MA. If Advanced Standing for an MA at a previous institution has been granted, the time limit becomes six years. Coursework must be completed within three years.

PhD students should also be aware of the following University policy, as stated in the GSAS 2011-12 Bulletin (http://gsas.columbia.edu/content/2011-12-bulletin?q=node/276): “Doctoral students whose programs require a dissertation prospectus or proposal must defend it successfully within eight semesters of first enrolling in their doctoral program. (Students with two Registration Units of advanced standing must defend successfully within six semesters.)”

Adhering to the SMS requirement to progress through the exam sequence in 18 months should enable students to complete the dissertation proposal defense with the required GSAS limit.

Students who enter a Ph.D. program in the Arts and Sciences beginning in Fall 2011 are allowed nine years of continuous registration to satisfy all requirements for the doctoral degree. Students who do not complete all requirements for the doctoral degree by the end of the ninth year will no longer be considered GSAS Ph.D. degree candidates and will be notified accordingly in writing by GSAS.

If a student finds that s/he cannot complete the degree within the allotted time period, a request for an extension of no more than one year at a time must be made in writing. This request should be made as part of the annual progress report, in which students describe progress to date, explain why the extension is needed, and outline a realistic timetable for completion of the degree requirements. Students submit this progress report to their advisor or dissertation sponsor for review and approval, and the progress report is then submitted to the Director of the Doctoral Program for her review. Based on the information provided by the student in the progress report and on the advisor/sponsor’s evaluation of the student’s progress, a recommendation will be made to the Chair of the Department and the Office of the Dean as to whether progress is sufficient to merit an extension of matriculation. The full GSAS Nine-year-to-degree policy is
Registration Process

Registration for classes is held at the beginning of each semester, and at the beginning of each summer school session. All students will receive information about these registration periods directly, by mail, from the Mailman School of Public Health. (Under a special arrangement with the Mailman School of Public Health, PhD students are also sent this information, even though they are registered in the Graduate School of Arts and Sciences.) It is important to note here, however, that the University has been updating methods of registration each semester for the past few years. We will keep you informed of changes in registration procedures each semester; however, if you have any questions, please call the Academic Program Coordinator.

Each semester, course schedules for the entire University are published online in the Directory of Classes. The Mailman School of Public Health publishes a separate course schedule available online at http://www.mailman.columbia.edu/academics/courses.

Although students may take courses offered in any school in the University, their registration must be processed through the school in which they are enrolled (DrPH students in the Mailman School of Public Health, and PhD students in the Graduate School of Arts and Sciences). All students register through the Medical Center Campus registrar. Students should note that semester start and end dates, as well as holiday schedules, may not be the same for all schools in the University, so please consult the calendars for each school.

It is not required that students meet with the assigned academic advisor to sign up for classes, but it is strongly recommended that doctoral students do so during registration. Students should keep in close contact with both their social science and public health advisors.

Many courses require obtaining the instructor's approval before you register. If approval is required, it will be noted in the Mailman School of Public Health course listings. Students who encounter difficulty registering for courses in their disciplinary departments on the Arts and Sciences campus should seek help from their disciplinary liaison rather than try to resolve these issues on their own.

Holds

Most importantly, all “holds” on registration must be cleared before you will be allowed to register. Examples of such holds include Library Holds for outstanding materials and/or fees, Bursar’s Office Holds for any money owed, or Health Services Holds for failure to comply with immunization requirements. If you have a hold, you should receive a notice from the Registrar’s office some time before registration informing you that you are on hold and why. All holds on registration must be cleared before you will be allowed to register. To clear the hold, go to the office which has placed you on hold and settle any outstanding obligations you may have.
**Add/Drop**

Changes in class schedule may be made during the Add/Drop period, usually occurring the first 2 weeks of classes. There are no extra charges for adding and/or dropping courses during this period. If you were unable to see your assigned academic advisors before registration, the add/drop period gives you a grace period to see them after the academic year begins, in time to make any necessary changes to your program after consulting with them. However, because it is less than ideal to join a course without having attended the first weeks, it is recommended that students make every effort to meet with a faculty advisor during the first week of the semester.

*If something confuses you about the registration process, speak with the Academic Program Coordinator. If you are having trouble scheduling an appointment with your advisor, feel free to seek advice from any faculty member with whom you have developed rapport or to contact Professor Hirsch directly.*

**Incompletes**

There is no automatic grade of “Incomplete” (IN). Students are expected to complete ALL course assignments and exams on schedule by the end of a semester.

An Incomplete (IN) may be given only when a student has met the attendance requirement but certain course assignments have not been completed for reasons satisfactory to the instructor. The instructor may grant an extension, usually for a specified period of time, and usually not more than several weeks. For Mailman School courses students must complete a "Request for Incomplete" form in the Office of Student Affairs and have the faculty agree to and sign the form.

Unless there is notification of change of grade from IN to a letter grade within one year from the end of the semester of registration, the IN will automatically be converted to Unofficial Withdrawal (UW), defined as “student did not complete attendance and/or assignments, but failed to withdraw.” A grade of “UW” will not be changed to a passing grade. In most cases a student will have to register again for the course to complete the requirement.

Students who have three or more incompletes will not be allowed to register for the next semester of classes. Registration will be held until they clear their records of the incompletes.

**R Credit**

Two kinds of credit are awarded for participation in a course: E credit (Examination credit) and R credit (Registration credit). Students who wish to be given R credit for a course must receive permission from the instructor.

A course that has been taken for R credit may not be repeated for a letter grade. A student who has been approved to take a course for R credit is not required to take the final examination but is required to meet any other requirements established by the instructor of the course. It is assumed that the student will meet all course requirements other than the final examination unless the
instructor states otherwise in writing when the permission for R credit is granted. Courses taken for R credit are applied toward the calculation of Residence Units for billing purposes in the same way as courses taken for a letter grade. The number of points of R credit acceptable for a degree, however, is set by each program in consultation with the Executive Committee of the Graduate School of Arts and Sciences.

**Waiver of Course Requirements**

Students may request a waiver or exemption from a specific course requirement if they believe that they have satisfactorily completed a graduate-level course that is comparable in rigor and scope to that of the required SMS course. Students initiate this process by preparing a written request. Include in the written statement the SMS course requirement to be waived and brief description of prior course work that is the basis for the request. Attach to the statement both a syllabus for the substitute course and a transcript indicating the final grade for this course. Submit a signed and dated written request, along with the supporting material, to the Department Academic Program Coordinator.

**What happens once the request is received?**

Step 1: When a request for a waiver is received, the Academic Program Coordinator will inform the appropriate Deputy Chair.

Step 2: The Deputy Chair will then designate an SMS faculty member, who is familiar with the course content subject to the waiver, to review the request. The faculty member will usually be the current or past instructor of the course for which the waiver is requested.

Step 3: The instructor should base the decision to waive on his or her judgment that the previous course work was comparable in rigor and coverage to the course being waived. The student must have earned a grade of B or better for the course. Faculty discretion may be required when there is no letter grade.

Step 4: The faculty member prepares a written recommendation, which is returned with the student’s written request and supporting material to the Department’s Academic Program Coordinator who, in turn, forwards the material to the appropriate Deputy Chair.

Step 5: The Deputy Chair reviews both the student’s request and faculty’s recommendation and renders a decision. The decision is shared with the Department Chair, who has the final formal authority on the matter.

Step 6: After the Chair and Deputy Chair agree on the final decision, the Department notifies the student in writing or via e-mail. (The Deputy Chair will usually sign the letter.) The Department Chair and appropriate faculty are cc'd regarding the decision. The request and supporting material are placed in the student's file.

Step 7: If the student wishes to contest a rejected request, he or she should prepare a written or e-mail response addressed to the Department Chair. The student may wish to cc: the appropriate Deputy Chair and course instructor.
**What does an approved waiver mean?**

When a waiver for a required course is approved, it indicates that the student has satisfactorily completed the requirement through alternative means to taking the required course. For example, if a PhD student's waiver is approved for the Introduction to Medical Sociology course, the student has satisfied one of the three SMS core courses and need only take two courses from the remaining choices. With the exception of students applying for advanced standing, there is no reduction in course credits towards graduation. The waiver allows the student to take an additional elective course.

For PhD students seeking advanced standing based on course work for a completed master’s-level degree, waiver and substitution of courses is done in an expedited manner as part of recommending a student for advanced standing. For further information about advanced standing, consult the Academic Program Coordinator.

This policy refers to substitution of course work completed prior to entering the program. It does not apply to course work taken after the student enrolled in the program.

**Tutorials**

Tutorials afford students the opportunity to share the expertise of faculty members and to concentrate on specific areas of interest in a more informal, less structured setting than the usual classroom course.

One-to-one student/faculty tutorials on topics of student interest and faculty expertise may encompass such activities as:

- Participation in major research or other projects
- Small individual research projects
- Pilot projects
- Literature review
- Small group variation of a class
- Field experience

No more than 20 percent of course work may be taken in tutorials and no more than 6 credits of tutorials may be taken with any one faculty member. When registering for a tutorial, please submit a Tutorial Permission Form to the Academic Program Coordinator (see Appendix B).

**Consortium**

The Graduate School is a member of the Inter-University Doctoral Consortium, which provides for cross-registration among member institutions. Beginning in their second year in the program, (this includes students with advanced standing) full-time matriculated doctoral students may register for courses at the following institutions: New School University, New York University including the Institute of Fine Arts, CUNY Graduate Center, Rutgers, Stony Brook, Princeton and Fordham University.
Information and application forms are available in 107 Low Library. Questions may be directed to Craig Knobles at 212-854-2889 or email: jck2@columbia.edu. The application form is also available on line at http://gsas.columbia.edu/content/inter-university-doctoral-consortium-iude

Students register at Columbia (see above contact information and form) for the course(s) they plan to take at the visiting institution. It is possible that the host institution will also require you to register there. Tuition is paid to the Graduate School. Classes may be taken for a grade or for audit and will appear on your Columbia transcript. Students will receive a letter or ID card allowing them library reading privileges at the host institution. Columbia students going to NYU may use their CUID card. Students should familiarize themselves with the academic regulations of the host university, including their locations, grading systems and calendars. Below are telephone numbers of schools in the consortium:

- Columbia University, 212-854-2889
- CUNY Graduate Center, 212-642-2107
- Fordham University, 718-817-4406
- New School for Social Research, 212-229-5712
- New York University, 212-998-8030
- Princeton University, 609-258-3030
- Rutgers University, 732-932-7034
- Stony Brook University, 631-632-7046
- Teachers College 212-687-3052

Please note that this program is available for the fall and spring semesters, but not over the summer. Questions may be directed to either Craig Knobles at 212-854-2889 or by e-mail: jck2@columbia.edu.

Exchange Scholar Program

The Exchange Scholar Program enables a Ph.D. student in one of the thirty-one Arts and Sciences programs to study at one of the following graduate schools for a limited period of time in order to take advantage of particular educational opportunities not available at Columbia: the University of California at Berkeley, Brown University, University of Chicago, Cornell University, Harvard University, Massachusetts Institute of Technology, University of Pennsylvania, Princeton University, Stanford University, and Yale University. To be eligible, students must have completed one year of study in the Ph.D. program and be within the seven-year academic time limit. Students on GSAS funding may only participate if they hold an M.Phil. degree and if their fellowship does not include a teaching requirement. Permission is required by the student’s department and the Associate Dean. Further information is obtained from Craig Knobles in 301 Philosophy (854.2889 or jck2@columbia.edu) or Beatrice Terrien (854.5052 or bt3@columbia.edu)
Application available online at http://gsas.columbia.edu/content/exchange-scholar-program

**Master of Arts Degree**

To obtain a Master of Arts (MA) in Sociomedical Sciences, a student must satisfactorily complete: (a) 30 points in a combination of courses offered by the Mailman School of Public Health or the student's chosen social science discipline at GSAS and Teachers College (24 of the 30 points must be for E credit with a letter grade), and (b) a Master's Essay in Sociomedical Sciences. The essay may develop from a term paper for a course, from a research project, or as a separate project. The form and content of the project are not rigidly specified as long as the subject is appropriate and the quality is high. (See a full description in the MPH Handbook.) The Master’s Essay should be submitted to the student’s social science liaison (who may not necessarily be the student’s advisor) for grading, with a copy submitted to the Academic Program Coordinator.

The student initiates the awarding of the MA degree by filing an application with the GSAS registrar. Those students who have been granted 2 RUs of Advanced Standing as a result of prior academic or professional degrees are considered to have completed the MA requirements and are not awarded a Columbia MA. Students who have only received 1 RU of Advanced Standing may earn a Columbia MA by fulfilling the two requirements listed above (30 points and a Master's Essay).

**Language Requirements**

If the Department in which the student takes his or her social science concentration has a foreign language proficiency requirement, the student must fulfill this requirement before taking the Health Behavior and Health Care Systems comprehensive examinations. (Check the chart on page 44 for the requirements in your social science.) Students may take the Research Methods Examination before completing language requirements.

To help prepare for the language examinations, which are generally administered through the social science departments or language departments, language courses specifically designed for this purpose are offered at the University. In some cases, taking the preparatory course will exempt you from taking the language exam. During the academic year, these courses are listed in the Bulletin of the School of General Studies. In the summer, they are listed in the Summer Session Bulletin. Language course listings may also be accessed through the Columbia home page on the World Wide Web. Students planning substantial training in a foreign language may want to explore the Foreign Language Area Studies program, which provides some support for students doing language study:

http://www.college.columbia.edu/students/fellowships/catalog/foreign-language-area-studies-flas-fellowship

Students who have already fulfilled a language requirement in another graduate program and wish to waive the requirement should seek approval from the Chair of the Subcommittee.
Comprehensive Examinations

The comprehensive examinations test the student’s proficiency in the composite disciplines of Sociomedical Sciences, as well as the student's social science, and determine his or her readiness to undertake work on a dissertation. The student should inform the Academic Program Coordinator of plans to begin the examinations so that a formal review of the student's record can be made to verify that all course work requirements have been met. In addition to the dissertation proposal defense, discussed below, four examinations are required for the PhD:

- The Standardized Research Methods Examination (written)
- The Health Behavior/Population Health Examination*
- The Health Care Systems Examination* (*both oral--taken together)
- Examination in the student's social science concentration (written or oral, either taken together with the Health Behavior/Population Health and Health Care Systems examinations or separately)

Students are eligible to take the Standardized Research Methods Examination upon completion of methods course work requirements for the PhD degree. Students may take the examination during the semester in which course requirements are being completed, but all methodological requirements must be completed prior to that semester. Students may take the Methods Examination before completing language requirements in those Departments that have such requirements, but all course requirements, language requirements, and the Research Methods Examination must be successfully completed before students take the other comprehensive examinations.

Standardized Research Methods Examination

The Standardized Research Methods Examination is given twice yearly, at the end of the fall and spring semesters, generally the first Friday in December and May. (See Appendix C for exam dates and related deadlines.)

At the beginning of each academic year, the Department holds an informational meeting explaining the Standardized Research Methods Examination. The presentation provides more information than can be provided in the Handbook, plus a questions and answer period. All doctoral students who are at any stage of course work are encouraged to attend the meeting in order to plan their preparation for the exam. Students should also consult the Research Methods Course listing to help select course that are useful in preparing for the examination (see Appendix D).

Students should begin thinking about and planning for the exam before the term in which they take it. Students must complete all required methods courses during the term before the exam date, though they may still be taking courses in the term in which they take the exam. Students should schedule a meeting with one of the members of the Methods Committee at least one semester prior to taking the exam. At this meeting, the student should discuss with the faculty member his or her preliminary ideas for the content of the reading lists and student-submitted
question. The faculty member will offer suggestions for constructing the reading list and preparing the question, as well as suggest appropriate examination members to review the lists and questions. This meeting is preliminary to and not a substitute for subsequent meetings that review the specific content of lists and questions.

A Research Methods Examination Committee is responsible for administering and grading the examinations; Faculty members are selected for their expertise in all areas of social science methods (covering qualitative and quantitative research expertise) and include faculty who teach the Department’s methods courses.

The examination covers the knowledge and concepts contained in three reading lists: the first is prepared by the Department, and the second and third are prepared by the student. The Department has prepared a core list of readings representing material which all PhD candidates are expected to read and master. Copies of the core list of readings are available on the resource shelves on the 5th floor (across from kitchenette). Students may substitute readings that are comparable or more advanced than the core readings. Students should check with a member of the Methods Committee, however, before making substitutions.

In addition, students will be responsible for preparing two supplemental reading lists that develop two areas in depth. These areas reflect their own professional areas of interest and specialization. One of the areas must be selected from those enumerated in the core list (statistical methodology, survey research, experimental design, field methods, historical research, or evaluation research). The second area may cover either methodological techniques and issues that are likely to be utilized in the student’s future professional work (including but not limited to dissertation research), another area on the core list, or a well-defined area of methodology not covered in the core list. Students should prepare the two supplemental reading lists in consultation with members of the Methods Committee. A methods committee member may approve both lists, or only one list (in which case, the student would get approvals from two different methods committee members), as appropriate. Please review the list of members’ specialties (see appendix C Methods Examination Committee Members) in deciding the most appropriate faculty members to consult with for your lists. Other Columbia faculty may serve on the Methods Committee in an ad hoc capacity if a student wishes to prepare a reading list on social science methods that falls outside the expertise of existing members. Students should seek the approval of the Chair of the Methods Committee, currently Carole Vance, for an outside examiner early in the development of the reading lists.

Students submit a copy of each of the supplemental reading lists, signed by members of the Methods Examination Committee, or a designated ad hoc member, to the Academic Program Coordinator by the appropriate deadline date (see Appendix C for schedule). Be sure to meet with members of the Methods Committee early in the semester to allow time for feedback and approval (see due dates preliminary drafts in Methods Exam Schedule). Copies of previous student reading lists are kept in a binder in the Department as a reference for those preparing to take the Methods Exam, but each student is expected to develop his or her individual lists (please take advantage of this opportunity to individualize your exam). Students should submit a signed paper copy of their two lists to the Academic Program Coordinator, as well as an electronic copy (please note who has approved each list on the top of page 1).
Once the reading lists are completed, the student prepares an individualized essay question to be included in the examination, which demonstrates knowledge of the methodological issues and challenges explored in one of the supplemental lists. This question (in draft form) should be submitted to one of the members of the Methods Examination Committee for feedback. After discussion and edits, the student submits a final version of the question to the Academic Program Coordinator (a signed paper copy and an electronic copy, with the approver’s name noted on top of page 1). Students should be aware that the question they submit for the final exam may be altered by the Methods Examination Committee.

On the day of the exam, all students taking the exam meet at 9:30 in a conference room with the Chair of the Methods Committee to go over the instructions for the exam. Students will then be directed to the office where they will be taking the exam. Books and notes are not permitted in the room.

After students complete the exam, the answers and essays are distributed to members of the Methods Committee; the answers are graded anonymously and independently by at least two readers. All the members of the Methods Committee consider and approve the results (pass or fail), which are conveyed to exam-takers as soon as possible (often within 2-3 weeks). Students also received written comments on each essay, approximately one month after the exam.

If the student does not pass the exam, he or she may be required to take additional courses or pursue independent study before the qualifying examination is repeated. A second failure may result in the student being dropped from the doctoral program. The Chair of the Methods Committee reports the results in writing to the Chair of the Department, the DrPH Director and the Academic Program Coordinator.

After passing the methods examination, as well as completing all course requirements and language requirements, the student may proceed to the Social Science Examination in the student’s discipline (either written or oral) and the SMS oral examinations covering both Health Behavior/Population and Health Care Systems.

**Oral Examination – PhD/History Concentration Only**

Students will prepare four readings lists, one each in consultation with four faculty members who will serve as examiners. At least one of the examiners must hold an appointment in the Morningside History Department.

One of the four lists must deal with the history of public health and medicine. The other three lists must deal with recognized subfields of history and/or ethics. Examples of acceptable subfields for examination include:

- Public health ethics or bioethics
- A defined historical period (e.g., 19th century, colonial, Progressive Era)
- Urban history
- Women’s history
- African American history
• History of consumer movements
• History of U.S. colonialism
• History of bioethics

**Oral Examinations (Anthropology, Sociology and Psychology) - Health Behavior/Population Health and Health Care Systems**

After passing the methods examination, the student proceeds to the oral examinations covering Health Behavior/Population and Health Care Systems. Students in the Anthropology concentration fulfill the disciplinary requirement for the comprehensive exam by including a third faculty member, who must be an anthropologist, on their oral examination committee.

The student, in consultation with his or her advisor, is responsible for initiating the formation of a Comprehensive Oral Examination Committee. The student also assembles a committee of two faculty members to administer the oral examinations in Health Behavior and Health Care Systems. One faculty member supervises a particular list. Examples of areas covered are:

**Health Behavior/Population Health**
- Concepts of health and illness
- Indicators of health and illness
- Class, ethnic and cultural factors in the incidence/prevalence of illness and disability
- The relation of personality traits and states to illness and disability
- Attitudes and behavior regarding health, illness, disability and death
- Social consequences of illness and disability

**Health Care Systems**
- Social elements of health care systems
- Psychological, social and cultural aspects of the health professions
- Social structure and functioning of health organizations
- Cross-national and cross-cultural analysis of health care systems
- Sociomedical factors in the utilization of health services as well as informal support for help with health problems

**Strategies for Preparing for Oral Examinations**

While adjunct faculty or public health professionals from outside Columbia may sometimes serve on the committee, such appointments require special justification and approval by the Deputy Chair of the Doctoral Program. The names of faculty who agree to serve as examiners are presented by the student to the Deputy Chair of the Doctoral Program and copy to the Academic Coordinator.

After the student's committee receives Department approval, the student should prepare a basic reading list for each area. The list should represent the student's attempt to define the area according to his or her interests, and may include readings already completed, as well as those the student wishes to undertake while preparing for the exam. The students are expected to
incorporate selected readings of the student’s preference from the first year seminar on Theoretical Foundations and Contemporary Debates in Sociomedical Sciences. If it is more convenient, the student may prepare a short list that cites theoretical orientations that cut across the reading lists. The examiner will decide whether or not the list is sufficient and, if not, will supplement it. While the process of forming these lists is typically collaboration between the student and the examiner(s), the examiner has ultimate authority in certifying that the lists meet the advisor’s standards for scholarly quality and coverage. Copies of reading lists and questions from past exams are on file in the Department and may be used for reference.

Since the compilation of the reading lists takes some time, thought and research, the student should begin assembling a committee and consulting with advisors during the last semester of course work, if not before. Students should not wait until after completing the methods exam to begin preparing these reading lists. At the time oral examinations are being scheduled, students must submit a copy of each final reading list signed by a faculty examiner to the Academic Program Coordinator.

The student should consult with the Academic Program Coordinator regarding the scheduling of the examinations and the room or office in which they will take place. Books and notes may not be brought into the examination room. Usually, the oral examinations take about two hours. They are considered to be a “learned conversation among colleagues.” The examiners take turns asking the student questions covering the approved reading lists. The results of the oral examinations are made known to the student immediately. If a written exam is taken, the student will be informed of the results in approximately four weeks.

This may be the student’s first experience with taking oral rather than written exams. Students who successfully completed the oral exams offer the following suggestions: 1) Review each list and imagine questions you would pose, were you the examiner; 2) Organize and write down key points to cover when answering these likely questions; 3) Associate central concepts with influential researchers; 4) Practice with someone who has already taken the exams.

**Master of Philosophy Degree**

The Master of Philosophy (MPhil) is awarded to students who have fulfilled all of the requirements for the PhD except the proposal defense and the dissertation defense. After successful completion of course work, completion of a master’s degree with submission of a master’s essay, the language and/or statistics requirements, the comprehensive exams, and the fulfillment of the necessary Residence Units, the Chair of the Subcommittee recommends to the Dean of the GSAS for award of the. The student then receives a letter from the GSAS Dean specifying the date of the award (January, May, or October), and reminding the student of the time limit for completion of the PhD.

**Dissertation and Graduation**

**Selecting a Sponsor**

After completing all requirements for the MPhil degree (course work, language and qualifying
examinations), the student formally designates a faculty sponsor and begins work on the dissertation proposal. By the time a student reaches this point in the program, however, he or she should have a fairly well-developed idea for dissertation research and should have identified a faculty member under whose mentorship he or she plans to conduct independent research. It is at this point that the student’s primary mentor is referred to as a ‘sponsor’ rather than an ‘advisor’. A student may approach any Columbia University faculty with a full-time appointment to serve as his or her sponsor. Students can also approach the Director of the Doctoral Program and ask for help, either in reaching out to a particular faculty member or in figuring out who might be the most appropriate sponsor, given the students’ interests and disciplinary focus. Students may also find it helpful to discuss the selection of a sponsor with Dr. Jo Phelan, Director of the Office for Doctoral Student Concerns.

Following GSAS rules, the sponsor is generally a tenured member of the Subcommittee or Department, but the Department is very flexible with this requirement (see Appendix A). The main criterion is to find a faculty member who is willing to devote the necessary time and effort to mentor the student through the dissertation process. In rare circumstances, a tenured faculty member may need to be designated as a co-sponsor. Adjunct faculty are eligible to serve as sponsors, provided that a full-time Columbia faculty member, who is an approved sponsor, serves as a co-sponsor, and accepts that designation as a genuine responsibility. A prospective sponsor or co-sponsor who is neither a member of the GSAS faculty, nor a member of the Subcommittee, nor an SMS faculty member must be approved by the Dean of the Graduate School of Arts and Sciences and the Subcommittee. The co-sponsorship proviso reflects the Executive Committee of the Graduate School of Arts and Science’s conviction that all Columbia University dissertations should be supervised or co-supervised by regular full-time faculty members. Students should consult the Deputy Chair if they have any questions as to whether a faculty member can sponsor a PhD dissertation.

The Dissertation Proposal

Although the first formal step in the dissertation process is the selection of a faculty sponsor, preliminary work on a proposal usually starts much earlier, since it develops organically from the student’s prior work in classes, seminars, and term papers; formal approval of the proposal, however, is given upon successful defense of the dissertation proposal, which must take place after completion of the M.Phil. **Students are expected to submit a proposal within six months following completion of the other program requirements. Students who fail to prepare and defend a dissertation proposal in a timely fashion after completing other program requirements may be asked to take a leave of absence or to withdraw from the program.**

The formal approval of a proposal provides assurance that completion of the proposed study will provide the basis for an acceptable dissertation. The dissertation proposal is a description of an idea which is worthy of research, and which has been described in a manner showing the student’s ability to plan an independent investigation. The proposal stage should not be a problem if the student has been thinking about and discussing possible topics earlier in the program. Class discussions, readings, and exchanges with faculty and other students contribute to the proposal’s development.
Many students (particularly those who intend to collect their own data) spend the summers between the first and second or second and third years engaged in some form of preliminary dissertation research. Students are reminded that all individuals conducting research are required to submit a protocol for review by the Institutional Review Board. This review can take several months and so it is important to submit it with sufficient lead time. In order to be permitted to draw on this preliminary research in one’s dissertation proposal, a student must file a copy of the IRB approval for that research with the program coordinator, Ms. Andrea Constancio.

Preparation the Proposal

The dissertation is an example of the student’s capacity to conduct original research and to present findings in a scholarly manner. The student uses his or her social science knowledge and skills to investigate a problem in the health field. The student’s research may involve the collection of data, or may be an analysis, from a new point of view, of data that has been previously collected. The student should view the dissertation as a demonstration of research competence, and not necessarily expect to provide definitive answers to the theoretical questions posed. Students may discuss possible dissertation topics with several faculty members.

Once the student has identified a possible dissertation topic, he or she should secure the support of a faculty sponsor with appropriate research interest. The student, in consultation with the dissertation sponsor, should prepare a proposal on the topic. Development of the proposal requires considerable time and effort; it should include:

- Abstract (1 page)
- A statement of the problem to be investigated
- Research aims of the dissertation
- A synthesis and critique of the literature bearing upon this problem
- A statement of hypotheses or questions
- Description of the research design, including plans for data collection and analysis
- Status of human subjects review
- Timeline

Conciseness is a virtue in writing proposals. Excluding references and the abstract, the body of the proposal should not exceed 30 double spaced pages (using 11 pitch type face or larger). In exceptional cases a student may submit a longer proposal, only after receiving the sponsor’s approval. Beyond covering the topics listed above, the Department has no specific expectations regarding the precise format and content of the proposal, which, varies among the social science departments and disciplines. The student’s sponsor is responsible for assisting the student in developing a suitable format for the proposal.

Copies of previous dissertation proposals are available upon request. Please contact the Academic Coordinator.

Forming the Proposal Defense Committee

When the faculty sponsor feels that the proposal is ready for a formal presentation, the sponsor
requests that the Department form a Proposal Defense Committee and schedule a proposal defense. The faculty sponsor’s request is addressed to the Doctoral Program Subcommittee Chair (Jennifer Hirsch). The request includes a working title for the student’s dissertation research and recommendations for possible committee members. Following GSAS guidelines, **students do not form their committees**. Acting on behalf of the Department and after consultation with the student’s faculty sponsor, the Chair of the Doctoral Program Subcommittee formally selects the five-member Proposal Defense Committee.

Although GSAS rules state that the Proposal Defense Committee is composed of a minimum of three faculty members, the Department has elected to appoint the full five-member Defense Committee for the proposal defense. That is, the same committee will be used for both the proposal and dissertation defenses. The committee composition of the PhD Dissertation Committee follow GSAS rules as summarized below under the Dissertation Defense section.

**Proposal Defense**

Once the Department confirms participation of all Proposal Defense Committee members, the Academic Program Coordinator schedules the proposal defense. If a proposal defense cannot be scheduled in a timely manner with all five members present, the defense may proceed with a minimum of the sponsor, a member of the Sociomedical Sciences (SMS) subcommittee or Department, and at least one other member from outside the SMS Department. Members not present at the proposal defense are requested to prepare comments on the dissertation proposal, which may be submitted in writing or in person to the student and faculty advisor.

There is a great deal of variation in the extent to which students solicit input from members of the dissertation proposal defense committee in advance of the meeting. In some cases, the proposal a student distributes two weeks before the defense will be the first version a faculty member reads. In other cases, in addition to working closely with the sponsor, a student has shared multiple drafts of a proposal with several members of the committee. Although the primary responsibility for mentoring a student falls to the sponsor, students are encouraged to share their work as it develops, and when the sponsor feels that it is ready, with those members of their committee who are available and willing to provide input at an earlier stage.

It is the candidate’s responsibility to distribute **hard** copies of the proposal to all committee members at least two weeks before they meet. **E-mail is not an acceptable means for distribution of the defense version of the proposals to committee member.** Students who reside away from NYC should distribute proposals by US postal services or other mail delivery service. The student is responsible for confirming that all committee members have received proposals in a timely manner. The student may, of course, distribute electronic copies in addition to the hard copy if so requested.

**Students are required to attend their proposal defense in person.** At the proposal defense, the student should be prepared to outline the project, discuss its methods and substance, and explain the rationales underlying decisions that were made as the proposal developed. This meeting may be the first time that the sponsor and Proposal Defense Committee have ever been together to discuss the proposal. The meeting should be viewed as a working conference, where the
committee takes a critical look at the research plan with the aim of protecting the student from attempting to execute an inadequate or unfeasible plan. Any differences among committee members concerning the adequacy of the plan should be resolved among themselves during the meeting. If the committee members agree that there are weaknesses in the plan that are not resolved during the meeting, the student may be asked to revise the proposal and another meeting of the committee may be convened before the proposal is approved.

Target dates for completion of various future steps should be set when the proposal is approved, not to constrain the student, but to give a standard against which to evaluate satisfactory progress. The approved proposal should provide readers with a sufficient sense of the whole to make later review of drafts of individual chapters valuable.

Unanimous approval must be obtained from the Committee before the student can proceed with the dissertation.

A copy of the approved proposal should be given to the Academic Program Coordinator to be kept on file in the Sociomedical Sciences Office. Successfully defended proposals will be considered for the Department’s Eugene Litwak Prize, awarded annually for the best proposal to help support students while they are completing their dissertations.

**IRB Requirements**

All students must submit an application to the Health Sciences Institutional Review Board (IRB) and obtain their approval for any research involving human participants. Even research that will be using data covered by existing IRB protocols, or that does not involve direct contact with human participants must be submitted for IRB review; the determination of whether dissertation research is exempt is the responsibility of the IRB, not the student researcher. Students should develop the IRB protocol at the same time as they begin to write the proposal. The proposal defense can be scheduled prior to IRB approval (and it is not necessary to include details of submission [actual or planned] in the proposal narrative), but students must have IRB approval before commencing your research. The Health Sciences Institutional Review Board is extraordinarily user-friendly, and students are strongly encouraged to take advantage of the IRB’s ‘office hours’ to seek advice on the preparation of their protocols. These preliminary conversations will make it clear whether the protocol presents any particular challenges regarding human subjects protection, how those challenges might be addressed, and what supplementary materials it is necessary to submit. Seeking this advice in advance of submission can mean the difference between a protocol that is approved in 4 weeks and one that creates major delays in the initiation of research. More information is available at [http://www.cumc.columbia.edu/dept/irb/](http://www.cumc.columbia.edu/dept/irb/). Students conducting research outside the United States will be required to submit their project for review within that country as well, and so developing a relationship with a host institution is a critical part of any pre-dissertation preparatory work.

The IRB application must be submitted by the student’s sponsor (not the student) through an online system, Rascal ([http://rascal.columbia.edu](http://rascal.columbia.edu)). Students should be prepared for the possibility of a lengthy IRB proposal approval process, although this can be avoided by seeking input in advance from IRB staff. Six to eight weeks, or even longer, is not unheard of, so take
that into consideration when planning. The student’s proposal defense includes a brief presentation of the status on the IRB review. It is possible that recommendations made by the committee during the proposal defense may require changes in the research design that may initiate modifications to approved IRB protocols. In addition, if research involves collaboration with other institutions, approval by their IRB may also be required.

Please note that it is necessary for anyone responsible for the design and conduct of a study involving human subjects, to pass an examination on the topic of Protection of Human Participants in Biomedical and Behavioral Research (in most cases this includes the student as well as the student’s sponsor). A course is offered on this topic. For more information on the course, dates of the course and examination, and the IRB application process, go to [http://rascal.columbia.edu](http://rascal.columbia.edu). IRB approval must be renewed annually throughout the course of dissertation research. Even when data collection has been completed, it is the responsibility of the student to maintain IRB approval. Students who permit their IRB approval to lapse will not be considered in good standing.

**The Dissertation in Progress**

Once the proposal has been approved by the dissertation proposal defense committee and the protocol has received IRB approval or been determined to be exempt, the student may begin dissertation research. The student should keep in close contact with his or her sponsor for suggestions and advice. Each student should work out arrangements with the rest of the committee regarding how the committee wishes to keep abreast of his or her progress.

Committee members are expected to provide written or oral responses to drafts within a reasonable time period. Generally three weeks to a month should be sufficient time to permit a detailed response to a single chapter. Six weeks should be sufficient time to review a group of chapters, two months for a full draft of a dissertation. Some supervision should be provided during summers, and special arrangements for continuous guidance should be worked out when faculty are on leave or during the summer.

There is a great deal of variation in the extent to which members of the dissertation committee read drafts of dissertation chapters. In order to take maximum advantage of the mentorship provided by the full committee, and to reduce the likelihood that at the time of the defense faculty will see major unaddressed flaws in the dissertation research, it is strongly recommended that students share a full draft of the dissertation with all members of the committee well in advance of the dissertation defense, and allow time to incorporate whatever feedback committee members provide. The specifics of how committee members would like to be kept abreast of research in progress and to receive drafts and provide feedback should be discussed at the time of the dissertation defense, and should take into account the preferences of the student and the sponsor as well as the availability and specific expertise of committee members. Students who feel that they would benefit from more mentorship than they are receiving from their sponsor or other members of the dissertation committee should discuss the matter directly with Professor Hirsch.
Dissertation Grants

Students are encouraged to apply for external funding to support dissertation research. A list of dissertation grant opportunities is provided (see Appendix E as well as the list of funding for students at http://www.mailman.columbia.edu/faculty-staff/research-resources-r2-office).

When preparing such grants, students should consult with the SMS Grants and Contracts Officer, who will provide assistance with preparing the appropriate grant documentation. However, the SMS Business Office requests that all materials be submitted to them at least 10 business days before the grant is due.

The Dissertation Defense

Nomination and Appointment of the Dissertation Defense Committee

As previously stated, the full Committee (five members) is usually formed at the time of the proposal defense. The responsibility for selecting and recommending Dissertation Defense Committee members rests with the faculty sponsor and Subcommittee Chair. Students may be consulted on, but do not select their Dissertation Defense Committees, and should not be put in the position of having to ask particular faculty members to serve on their Dissertation Defense Committee. The Subcommittee Chair issues a formal invitation to potential committee members recommended by the student’s sponsor. The student’s sponsor may undertake an informal exploration of willingness of faculty to serve in this capacity.

Beginning in September 2010, the rules for composition of doctoral dissertation committees have been revised to conform with recent changes in GSAS guidelines.

The Dissertation Defense Committee shall be composed of exactly five members, all of whom are expected to be present for the dissertation defense:

1) The Sponsor, who is an approved PhD sponsor. The sponsor is the person who guides you through the dissertation.

2) The Chair, who is a faculty member in SMS and is an approved PhD sponsor. The Chair is responsible for making sure that the Dissertation Committee follows the formal requirements for dissertation defense. The Chair convenes the defense and moderates candidate’s presentation and committee member’s questions and discussions.

3) At least one other member in addition to the Sponsor and Chair must be from the list of approved PhD sponsors. The approved list of PhD sponsors in SMS combines all faculty with primary appointments in SMS and/or appointments to the SMS subcommittee. Check with the Department regarding other faculty who are listed as SMS PhD sponsors.

4) At least one of five must be either:
i. a faculty member, clinician or practitioner who holds a position at another university or research institution
ii. a full-time faculty member at Columbia University outside the student’s own department or program
iii. a research scientist at Columbia University outside the student’s own department or program
iv. an adjunct professor at Columbia University outside the student’s own department or program
v. a full-time faculty member whose appointment is at Barnard College, Jewish Theological Seminary, or Union Theological Seminary
vi. a full-time faculty member in the student’s interdisciplinary program whose field is outside of the student’s dissertation field

In cases where the “outside” member satisfies the criterion vi. above, the department/program must include with the defense a brief explanation with the defense application to clarify how the fifth examiner’s primary field differs from the focus of the student’s dissertation.

A committee may include members from outside of the University if the faculty sponsor believes such outsider members bring an expertise or knowledge of the research topic not available among existing CU faculty. The faculty sponsor must assure the Department that the outside member will be able to be present for dissertation defense. The Department does not have funds to cover the transportation expenses that might be incurred by outside members. The names of outside examiners from other University Departments shall be submitted by the Subcommittee Chair to the Dean of GSAS. Outside examiners from other universities must submit evidence of their qualification, in the form of curriculum vitae, for approval by the Dean.

**Scheduling the Defense**

No defense shall be scheduled until the dissertation sponsor and a second reader has signified that, in their judgment, the dissertation is acceptable and thus ready for a final defense.

Arrangements for the examination are usually made a few months in advance, so the student should plan accordingly. When the student and the dissertation sponsor feel that the dissertation has been completed in a satisfactory manner, and the agreement of the Chair of the Subcommittee is secured, an “Application for Final Examination for PhD” is submitted to the Dean of the Graduate School through the Chair of the Subcommittee. This application form should be submitted at least four weeks in advance of the anticipated date of defense. Filing early in the semester is recommended to ensure approval of the Dissertation Defense Committee. The student should contact the Academic Program Coordinator prior to submitting this application about scheduling the defense and related details.

Defense examinations are held throughout the academic year. The exact days and times are arranged to suit the convenience of the faculty committee and the student.

**Students must distribute hard copies of the dissertation to all members of the Dissertation**
Defense Committee at least four weeks prior to the date on which they plan to defend. E-mail is not an acceptable alternative for distribution of the defense version of the dissertation to committee members.

In addition to filing the application to defend, and distributing copies of the dissertation to committee members, students must be certain that they have met all other requirements of the Graduate School of Arts and Sciences, i.e., receipt of the M.Phil. degree, and registration for M & F during the term in which the defense will take place.

Following the defense, the student has no further obligation to register, even though revisions may still be in progress and dissertation deposit does not occur for several months.

**Conduct of the Defense**

At the final examination, which is approximately two hours in length, the student defends the sources, findings, interpretations, and conclusions of dissertation. The defense is a closed gathering with only the candidate and members of the Dissertation Defense Committee present. The candidate is expected to show familiarity with the research and literature pertinent to his or her subject and the knowledge relevant to the research questions and methods. The candidate may be asked to begin by summarizing, within ten minutes, the theoretical content of the dissertation and the broader significance of key findings.

Points made by examiners will naturally divide into substantive and editorial. Generally, a sheet of notes on editorial matters is handed to the candidate by the readers, thereby leaving examining time for matters of substance.

**Results of the Defense**

After the two-hour dissertation defense, the student leaves the examination room, and the Dissertation Defense Committee’s votes are taken. The student is called back into the room and informed of the results. Three outcomes are possible:

- **Pass** - The student has passed, although minor revisions (mainly editorial) are often required. These revisions must be made to the satisfaction of the candidate's sponsor, and the final copy of the dissertation must be deposited with the Graduate School no later than six months after the date of the dissertation defense.

  “With Distinction” - After the committee has arrived at its decision to pass the dissertation, the question of awarding the degree “with distinction” may be moved. A vote on this question will be taken by secret ballot. In order for the degree to be awarded “with distinction”, the vote must be unanimous. If the committee votes to award distinction, a member of the committee other than the sponsor must prepare a letter addressed to the Dean of GSAS outlining the qualities of the dissertation that merit the award of distinction. The Dean's Office maintains a file of letters of support for review. While there is no quota on the number of dissertations to be awarded distinction, the
standard of merit should be such that no more than ten per cent of the dissertations receive distinction. A student whose degree is awarded “with distinction” shall receive a letter of commendation from the Dean of GSAS.

- **Incomplete** - The dissertation is deemed acceptable subject to major revisions. Upon completion of the required revisions, the candidate is recommended for the degree. All revisions must be completed and the dissertation deposited no sooner than three months, and no later than one year from the date of the dissertation defense. The Chair of the Dissertation Defense Committee shall delegate the responsibility for the revisions to a subcommittee made up of from one to three members of the original Committee.

- **Fail** - The student may also fail the defense. However, the likelihood of this happening is small if the student has worked closely with the faculty sponsor and has received adequate guidance. Only in extraordinary circumstances may a candidate have a second final examination, i.e., the student may be given the opportunity to present to the Dean, within ten years, a body of independent and original published scholarly material which, if acceptable to the Dean and Subcommittee, may be defended and, if done successfully, may result in the awarding of the PhD degree.

**Final Deposit of the Dissertation**

When the Defense Dissertation Committee has certified that the student has passed the final examination, the candidate must, in order to receive the degree, arrange with the Dissertation Secretary, 108 Low Memorial Library, for the deposit of the dissertation in the University library. Students have six months from the time of the defense to deposit the final version of the dissertation. All deposits must be accompanied by an Approval Card signed by the student's sponsor and the Chair of the Subcommittee. Deposits cannot be accepted until the student has been cleared by the Office of the Registrar and all outstanding fees to the University have been paid. The student must deposit the dissertation in microfilm. A $160 microfilm fee is payable at the time of deposit. It is strongly recommended that students copyright their dissertations. The fee for copyright is $65.

Instructions for the final deposit of the dissertation with the Graduate School of Arts and Sciences are contained in “General Instructions for the Preparation of Dissertations” available from the Dissertation Secretary. The GSAS dissertation guidelines can also be found online at [http://www.columbia.edu/cu/gsas/pages/cstudents/diss-office/dissertation/](http://www.columbia.edu/cu/gsas/pages/cstudents/diss-office/dissertation/). The deposit may be made at any time during the year. The degree is awarded at the next conferral date--October, February, or May--following the final deposit of the dissertation.

**Diploma and Graduation**

Diplomas will not be available until after the degree has been awarded officially. The Registrar will notify the student when the diploma is ready; it can be picked up or mailed. If needed, an interim certificate may be obtained from the Registrar indicating that all requirements have been met.

Notice will be sent to the student regarding the Columbia University commencement ceremonies
held each year in May. PhD graduates are invited to participate in the University-wide, Graduate School of Arts and Sciences, and Mailman School of Public Health ceremonies.
# PhD Requirements Chart

## SMS Requirements (30 points)

- Biostatistics P6103 or 6104
- Epidemiology P6400
- Social & Economic Determinants P8745*
- Contemporary Debates in SMS P8789*
- Methods - Minimum of one course in both advanced quantitative** & qualitative
- Public Health Electives

Choose two of five:
- Medical Sociology P8704
- Medical Anthropology P8755
- Health Psychology P8767
- Health Economics P6503
- Social History of American Public Health P8773***

* P8745 and P8789 must be taken during the first year.
**For students without prior training in quantitative methods, a course in applied regression analysis is strongly recommended to satisfy advanced quantitative requirement.
***The intention of these disciplinary courses is to enhance students’ theoretical breadth in the social sciences, so students may not fulfill this distribution requirement by taking a course in the discipline in which they are concentrating.

## Social Science Discipline Requirements

(30 points minimum required in any chosen discipline) see following pages for specific Social Science Requirements

## Language Requirements

### Anthropology:
Two languages, or one language and quantitative methods competence (language may be reading knowledge of German, French, Spanish or appropriate language for field work).

### History:
No language requirement.

### Political Science:
One language required; SMS methods requirement satisfies second language requirement.

### Sociology:
No language requirement.

### Psychology:
No language requirement.

## Comprehensive Exams

- Research Methods (written)
- Health Behavior/Population Health (oral)
- Health Care Systems (oral)
- Chosen social science (oral or written)

## Other requirements:

- Master’s Essay/Research Paper (may be waived with prior master's essay or paper)
Social Science Requirements for the PhD in Sociomedical Sciences

Requirements for each of the social science concentrations available within the Sociomedical Sciences program are determined by the collaborating social science Departments in the Graduate School of Arts and Sciences (Anthropology, History, Political Science, Psychology, and Sociology). All concentrations carry a 30-credit minimum course requirement.

Advisement: Members of the interdisciplinary Subcommittee on Sociomedical Sciences serve as advisors to students in the program.

The course requirements for each discipline outlined below are developed by SMS faculty in consultation with the directors of graduate study and subcommittee members from the respective disciplinary departments. The requirements are periodically reviewed and revised to be in step with current requirements and course offerings for the department of specialization. Students should bring to their advisor’s attention courses not being offered or SMS requirements that are no longer in accord with current requirements for doctoral students in the department of specialization. Your disciplinary liaison will work with you to find suitable course substitutions. Discipline liaisons may recommend to the Deputy Chair of Doctoral Studies permanent changes in social science requirements

Anthropology

Language: Competency in the language of fieldwork, as measured by a grade of B or higher in an intermediate level course. Students conducting fieldwork in English must demonstrate a reading knowledge of German, French, Spanish, or other major language of anthropological scholarship.

Coursework: 18 points for E credit, 12 points for R credit. In addition to the SMS doctoral seminar, first year students without a strong background in anthropology are urged to take Principles/Applications of Social and Cultural Anthropology in the Anthropology Department. Because theory in anthropology develops out of substantive field-based engagements, generic survey courses may ill serve a student’s needs. In consultation with advisors, then, students are urged to take 2 courses with a pronounced theoretical focus, either downtown or in one of the consortium’s schools. Two additional requirements: an advanced course in medical or public health anthropology and one in ethnographic methods. The remaining 18 elective credits should be spread across courses covering specific substantive, methodological and/or geographic topics, with particular attention to the development of those tools of inquiry needed to pursue a dissertation subject.

PhD students in the Anthropology concentration fulfill the disciplinary requirement for the comprehensive exam by including a third faculty member, who must be an anthropologist, on their oral examination committee.

Economics [Students are not currently being accepted into this concentration]

Language: No language requirement.
Coursework: Students will be expected to fulfill the requirements met by an MA candidate in economics as set forth in the Bulletin of the Graduate School. These requirements can be modified when it can be demonstrated that a somewhat different preparation in economics would better assist the professional needs of the Sociomedical Sciences candidate.

History

Language: No language requirement.

Coursework: For their SMS requirements, students in the history concentration must take a course in historiography in the Morningside History Department as their advanced qualitative methods course, and must take P8773 (Social History of American Public Health) as one of their two social science methods classes. These two classes do not count towards the 30 points described below.

The 30 points to fulfill the social science requirement are divided primarily between the History Department and the Center for the History and Ethics of Public Health in the Department of Sociomedical Sciences:

- Students take a minimum of 8 points in the Morningside History Department (in addition to the 4-point historiography course noted above). Students must take course that deals primarily with 19th century history (4 points) and a course that deals primarily with 20th century history (4 points) in the History Department.
- Students must take a minimum of 9 points in courses offered through SMS’s Center for the History and Ethics of Public Health, including P8746 (Ethics of Public Health), P8746 (Coercion and Persuasion in Public Health), P9740 (Privacy, Public Health and the Surveillance State), and P8757 (Global Politics of Aging).
- The remaining 13 points consist of electives in history, policy, law, and ethics, and may be taken throughout the university. It is strongly recommended that at least some of these courses be taken in the History Department to augment the minimum 8 points noted above; however, students should choose these courses in consultation with their advisor in areas appropriate to their research interests.

Political Science [Students are not currently being accepted into this concentration]

Language: Reading knowledge of one language: The Sociomedical Sciences requirements of two statistical courses and a methods examination satisfy the Political Science exemption requirement for a second language.

Coursework: 21 points for E credit, 9 points for R credit. 9 points may be earned outside the Department (with prior approval of advisor).

Required: 6 points of colloquium and 6 points of seminar credit. These and other courses within the Department may be selected from various areas of concentration, e.g., American Politics, Theory, Comparative Politics, International Relations.
Comprehensive Examinations: Students must take a written examination in the Department of Political Science.

Psychology

Language: No language requirement.

Coursework: 30 points. Students enroll in three required Proseminars during their first year of study (G6001, G6002, and G6003) (9 points); one course in quantitative sciences (this may be Biostatistics, Statistics, Mathematics, or Computer Science and may be taken at the School of Public Health or other CU departments or schools) (3 points); 2 graded advanced seminars at the Psychology Department (6-8 points). Students should enroll in the following courses every semester, barring scheduling conflicts with other required courses:

- PSYC G6600 Supervised Individual Research: pass/fail, 1-4 points per semester.
  Students are expected to work closely on a research project with a faculty mentor in the Department of Psychology and receive credit for this supervised research apprenticeship. Students should consult with their Psychology Department advisor to determine the number of credits (4 credits are recommended for a “standard” type of research internship with a faculty member in the Psychology Department).
- PSYC G9990 Departmental Colloquium: 0 points per semester.
- PSYC G9397(Fall)/G9398(Spring) Research Seminar in Social & Personality Psychology: pass/fail, 1 point per semester.

Additional electives should be taken as needed to fulfill the 30 point coursework requirement and can be taken in the Psychology Department, other GSAS departments, or Teacher’s College, in consultation with the student’s advisors.

Comprehensive Examinations: In addition to the methods examination and oral examination in health behaviors and health systems taken at the Department of Sociomedical Sciences, all students are required to present a Master’s talk in the Department of Psychology during the Spring semester of their second year of study. The Master’s talk must be based on a research project with data analysis. In preparation for the Master’s talk, students should work closely with their Psychology Department advisor; however, they may present data from either a Psychology or Sociomedical Sciences research project. Students are strongly encouraged to attend the Master’s talk symposium during their first year to become acquainted with the procedure. The Master’s talk provides a forum for students to receive feedback from faculty members and other students on a research project that culminates in a Master’s-type research paper. This research paper should be completed during the third year of study and must be approved by two faculty members in the Psychology Department.

Additional non-academic service requirements: Academic positions require research, scholarship, academic, and service activities. To further prepare students for future academic careers, during their second and third years, they are expected to engage in “service” activities by assuming a “department job”. This might involve running social activities, meeting prospective students, or mentoring.
Other: Students are not required to complete an annual report with the Psychology Department.

**Sociology**

Language: No language requirement

Coursework: 21 points for E credit, 9 points for R credit. 6 of the points (either for E or R) may be in other Departments of the Graduate School. Courses in the Department of Sociomedical Sciences do not count toward the 30 point requirement, even if cross-listed in the Sociology Department course listings.

**Required:**

- **Theory** - two one-semester courses for E credit: G4050 Sociological Theory-Origins and a second to be chosen from G4122, G4165 or G4520.

- **Methods:** G4097 Design of Social Research. Statistics: 2 one-semester courses for E credit in Introductory Social Data Analysis (G4076 & G4077) or equivalent at the School of Public Health (P6104 Introduction to Statistical Inference, PH8100-Applied Regression Analysis) or other CU Departments or schools.

- **Advanced Courses:** 2 one-semester courses: 1 theory course and 1 advanced methods or statistics course.

**Comprehensive Examination:** The sociology comprehensive examination is satisfied by preparation of a literature review of the theoretical and empirical research in a subfield of sociology. Students must submit a brief statement of intent as well as a proposed reading list to two faculty readers, one of whom should have an appointment in sociology. One of the readers chairs the student’s literature review committee. Signed approval of the statement of intent and reading list is required. There are several models for a literature review. It may, for example, follow the traditional format of articles in the Annual Review of Sociology. It may follow the format for a meta-analysis or research synthesis. It may inform, but not constitute, the student’s dissertation proposal or a chapter of the dissertation. It must be broad enough to cover the core ideas of the subfield of specialization. It should demonstrate knowledge about how the subfield is related to both classic and contemporary social theory. The literature review is distinguished from the masters essay (required only of students who come in without a Master’s Degree) by its in depth attention to the sociological literature. Upon completion of the lit review, the student must submit a statement signed by the first reader signifying successful completion of this requirement. Forms are available from the Departmental Academic Program Coordinator. The master’s essay demonstrates the student’s mastery of empirical research, the subject matter need not be tied to sociological literature. Constance Nathanson should be consulted for questions regarding satisfying this requirement.
Requirements for the Pre-Doctoral Training Program in Gender, Sexuality and Health
(Fellows Only)

The Department of Sociomedical Sciences supports pre-doctoral training fellowships in Gender, Sexuality, and Health. The program is funded by the Demographic and Behavioral Sciences Branch of the National Institute of Child Health and Development. The fellowships are available only to PhD candidates, and eligibility is limited to U.S. citizens and permanent residents. Fellowships will usually be awarded at the time the student enrolls for PhD studies in SMS. Applicants to the PhD program who indicate an interest in the training program are considered for fellowships after they have been accepted for admissions through the normal PhD admissions process.

Fellows must satisfy course requirements in addition to those required for their disciplinary concentration. These include:

1) P9719 “Critical Perspectives on Research in Gender, Sexuality, and Health” (Hirsch and Nathanson)

2) One of two courses in conceptual and research approaches to sexuality:
   • P8709 “Seminar in Sexuality, Gender, Health, and Human Rights” (Vance)
   • P8736 “Theories and Perspectives on Sexuality and Health” (Vance)

3) A course in the biological bases of sexual and reproductive health, currently offered through an on-line set of modules

4) Attendance at the ongoing faculty-trainee Seminar in Gender, Sexuality, and Health

5) Either an annual presentation at the Seminar or written commentary on one or more seminar presentations

6) A course in research ethics (usually POPF P9630: Research Ethics & Public Health)

7) A research apprenticeship supervised by program faculty

8) Doctoral research focused on a topic in gender, sexuality, and health.

All course work requirements (1, 2, 3, and 6) must be completed prior to or in the semester the student elects to take the methods examination. Students should consult Professor Constance Nathanson about specific courses that satisfy requirements 3 and 6.

The training fellowship covers tuition, an annual stipend, health insurance, computer fees, two trips each year to professional meetings, and a nominal amount for other expenses (books, etc.). Support is guaranteed for five years. However, trainees will be encouraged to apply for other funding as soon as possible following their matriculation at Columbia and will be expected to apply for other funding to cover dissertation research and writing.
Summary of PhD Requirements after Course work

It is the expectation of the Department that students will progress through the entire sequence of exams (methods, comprehensives, and proposal defense) within eighteen months (three semesters) of completing coursework.

1. Standardized Research Methods Examination
   - Meet informally meeting with a Methods Examination Committee faculty member at least one semester before taking the examination.
   - Develops two reading lists with assistance of Methods Examination Committee faculty members.
   - Submits reading lists to one or two Methods Committee member(s) for approval by the deadline (see Appendix C).
   - Once reading lists are approved, student submits lists to the Academic Program Coordinator by the deadline.
   - Develops question that will illustrate knowledge of methodological issues and challenges related to supplemental reading list area.
   - Submits essay question to one Methods Committee member for feedback.
   - Once student has received feedback and edited question as appropriate, student submits question to the Academic Program Coordinator, with faculty signature.
   - Student should be aware that the submitted question may be slightly altered by the examination committee for the final exam.
   - Student takes Methods Examination.

2. Oral Examinations
   - Student chooses two examiners (one to examine on Health Behaviors/Population Health list and the other to examine on Health Care Systems list) and approaches them about being on his or her Oral Examination Committee (Anthropology concentration students include a third faculty member, who must be an anthropologist).
   - Student chooses an examiner for the social science oral, if one is required in that Department.
   - Student develops a preliminary reading list for each area and seeks approval from appropriate examiners.
   - Once approval is received, student submits lists to the Academic Program Coordinator, with faculty signatures. The Department will schedule a date for the oral examinations.
3. **Social Science Comprehensive Examination**
   - Student consults with social science advisor to determine if comprehensive examination is required, and if it will be oral or written.
   - In consultation with advisor, student prepares for and takes exam.

4. **Language Requirement**
   - Student consults with social science department to determine language requirements.
   - Student arranges for fulfillment of the language requirement in compliance with the specific Department regulations.

5. **Dissertation Proposal**
   - The dissertation proposal should be defended within 6 months of completing the M.Phil.
   - Student proposes a dissertation topic and identifies/contacts a faculty sponsor.
   - Student develops research topic and writes research proposal, with guidance of sponsor
   - Student submits proposal to sponsor for approval.
   - Student investigates future steps for IRB application and approval and, when sponsor feels that the dissertation question and methods are sufficiently settled, student submits IRB application under sponsor’s name.
   - Department forms Committee.
   - Department arranges a proposal defense date.
   - Student distributes copies of proposal to Proposal Defense Committee members at least two weeks before defense.
   - Student defends proposal. Committee provides comments and suggestions that were made during the defense.
   - Once proposal is successfully defended, a copy of the proposal is given to the Academic Program Coordinator.
   - Student awaits IRB approval. Students **may not** initiate data collection for dissertation research until IRB approval is received. Students are responsible for ensuring that the research protocol fulfills IRB requirements and for renewing IRB approval annually until they complete the program.
6. **Dissertation Defense**

- Student should routinely keep in contact with sponsor, who discusses research process and problems. After data collection, sponsor reads preliminary chapters and offers comments and suggestions. Once dissertation is written and sponsor feels that it is ready for defense, sponsor will contact Department to schedule a dissertation defense date.

- Student circulates hard copies of dissertation to the Dissertation Defense Committee at least one month prior to defense.

7. **Post Dissertation Defense**

- Student makes suggested revisions from dissertation defense.

- When all revisions are completed, deposit of the final thesis copies may be made at the Dissertation Office in 107 Low Library. Normally, the student receives the necessary deposit forms at the time of the defense. If needed, the forms are available at the Dissertation Office in 107 Low. Please contact Esmeralda McCormick at 212-854-2854 or email to es183@columbia.edu.

- Students have six months from the time of the defense to deposit the dissertation.

- Student copyrights dissertation and orders extra bound copies of dissertation for Departmental library and for personal use.

- The degree is awarded at the next conferral date.
DrPH PROGRAM

Administration

The Doctor of Public Health (DrPH) degree program is designed for professionals wishing to prepare for teaching, research or advanced administrative positions in the area of sociomedical sciences within the field of public health. The degree program is administered by the Standing Doctoral Committee of the Mailman School of Public Health, which carries out faculty policy regarding admissions to the doctoral program and upholds the criteria for granting the degree.

The Department has created a Deputy Chair responsible for directing the doctoral programs. The Deputy Chair of Doctoral Programs consults with the Department Chair regarding procedures that require Departmental approval, e.g., formation of Examination and Dissertation Committees, waivers and substitutions for course requirements. The Deputy Chair also works with other faculty on admissions, review of student academic performance, and curriculum. Jennifer Hirsch is currently Deputy Chair of the Doctoral Program.

To assist the Deputy Chair, a faculty member is appointed as the DrPH Director. Among that person’s roles are monitoring program requirements and advising students on course requirements. The Director of the DrPH program is Dr. Ana Abraido-Lanza.

Degree Requirements & Registration

DrPH students must have earned the MPH degree or its equivalent. Students admitted with other master’s or doctoral-level degrees in health-related fields are usually required to take a number of pre-doctoral public health courses as prerequisites to doctoral studies.

All five Public Health core courses – Biostatistics, Environmental Sciences, Epidemiology, Health Policy & Management, and Social & Behavioral Sciences – are required pre-admission. If a student has not fulfilled this requirement, he or she must take these courses in addition to the 30 required doctoral credits.

Required Courses and Credits

Each student is responsible for ensuring that his or her course selection is consistent with timely completion of all course requirements as stated in this handbook. Students may satisfy course requirements through successful completion of equivalent MPH or other graduate level courses. Students who have previously taken Mailman School courses listed below automatically satisfy the associated requirement. To seek waivers of requirements based on substitution of non-Mailman courses consult and follow the procedures outlined on page 57.

In order to earn the DrPH degree, a student must complete an approved program of study totaling 30 credits for course work. Not more than 6 of the 30 course work credits may be for tutorials, and not more than 6 credits may be for courses at the master's level (e.g., 6000 level courses at the MSPH or 4000 level courses at the GSAS). The Department may apply to the Standing Doctoral Committee for a variance on the 6 credit rule on a case by case basis. In no case will
credit from a School of Public Health MPH core course or previously completed coursework that satisfy course requirements count toward the required 30 course credits.

During their first year, all doctoral students are required to take a social theory course sequence, P8745 Social & Economic Determinants of Health with discussion section P8790.027 in the fall, and P8789 Contemporary Debates in SMS in the spring. Waivers are not permitted for these courses.

SMS DrPH students must further demonstrate competence in approaching public health and medical research from the perspective of multiple social science disciplines. The requirement may be fulfilled by successfully completing two of the following five disciplinary courses: Medical Sociology, Medical Anthropology, Health Psychology, Social History of American Public Health, and Health Economics. The last course is offered in the Department of Health Policy and Management during the spring semester for non-HPM students. Students may also substitute other courses that cover a broad survey of a social science discipline’s approach to public health and medicine. The course does not have to be an SMS course, but it must be taught at a graduate level for either masters or doctoral students. Students wishing to substitute one or both discipline courses should submit their request through existing process for waiver of course requirements (see page 25).

In addition, all students must take one advanced quantitative statistics course and one qualitative analysis course. Public Health course descriptions are listed in the Mailman School Bulletin. There are numerous social science methodology courses taught throughout the University that also meet the advanced methods requirements. Check with your academic advisor or the Academic Program Coordinator to confirm that courses meet this requirement.

Transfer Credits

No transfer credit is allowed for the DrPH degree. The University requires that 30 credits of coursework be taken within the University for any degree. Since the DrPH requires only 30 credits of coursework, there is no room for transfer credit.

Registration for classes is held at the beginning of each semester and at the beginning of each summer school session. There is also early registration for continuing students in April for the fall semester and in November for the spring semester. New students will receive information about the fall registration periods by mail from the Mailman School of Public Health. It is important to note, however, that the University has been updating methods of registration for the past few years. We will keep you informed of changes in registration procedures each semester, but, if you have any questions, please call the Academic Program Coordinator.

Policy for Continuous Enrollment for DrPH Students

DrPH students are admitted under the expectation that they be continuously enrolled at the Mailman School of Public Health. The continuous enrollment policy begins when the student first enrolls in the DrPH program and continues through the semester in which the dissertation is deposited. To be continuously enrolled, DrPH students must register for one tuition point in all
of the spring and fall semesters in which they are not otherwise registered for course credits. This policy replaces the current required 10 points of Doctoral Research Instruction. This continuous enrollment requirement will be in effect for the 30 credits of academic coursework. Students who register for additional classes beyond the 30 credits of academic work must pay the current MSPH tuition.

**Leave of Absence & Readmission**

Waivers to the continuous registration requirement will be rare and considered on a case by case basis through a petition to the student’s academic Department, along with a recommendation from the Department to the Mailman School’s Office of Student Affairs. Reasons for requesting a waiver would include maternity/paternity leave, serious personal illness, or other serious life events. Such a petition should include the reason for requesting the waiver and a proposed plan for completing the remaining DrPH degree requirements. All students, after two years leave of absence, must reapply to the Mailman School of Public Health.

Any DrPH candidate failing to register for 1 doctoral research credit during a particular fall or spring semester, without having been granted a waiver or leave, will be notified by the Office of Student Affairs, along with the student’s Department, at the start of that semester. In order to remain in good standing, the student will have to take one of the following actions: (1) Register for 1 doctoral research credit immediately; (2) Submit a formal request for leave; or (3) Agree to some other arrangement with the approval of his/her advisor and Department Chair. Any student who misses one or more semesters without permission will have to pay for an additional credit for each semester missed at the time he/she registers once again.

The above policy is similar to that for PhD students at GSAS, who also must be continuously enrolled until graduation. This means that a DrPH student who meets all graduation requirements may be able to graduate after completing less than, equivalent to, or more than 10 points of research instruction.

DrPH students enrolled prior to fall ’05 wishing to be grand-parented into this continuous registration requirement can do so by petitioning the Office of Student Affairs and outlining a proposed course plan for completing their degree.

**Program Time Limits**

An overall time limit of seven years is set from the date of first registration following admission into the doctoral program. This limit applies to both full and part-time students. Periods during which the student is formally granted a leave of absence will not be counted in the seven-year limit. Leaves of absence must be approved both by the Department and the MSPH Standing Doctoral Committee. In order to adhere to the seven-year limit, students are expected to complete the post-coursework examinations (methods, comprehensives, dissertation proposal defense) in three semesters (eighteen months).
Registration Process

Each semester, course schedules for the entire University are published in the “Directory of Classes” (http://www.columbia.edu/cu/bulletin/uwb). The Mailman School of Public Health publishes a separate schedule of all of its courses, along with course descriptions, which is available online at http://www.mailmanschool.org/stuaf/stuaf2/Course-Offerings.asp.

Although students may take courses offered in any school in the University, their registration must be processed through the school in which they are enrolled. All students should register through the Medical Center Campus Registrar. Students should note that semester start and end dates, as well as holiday schedules, may not be the same for all schools in the University, so please consult the calendars for each school.

It is not necessary to see your assigned academic advisor to sign up for classes. However, doctoral students should make appointments to meet with their assigned academic advisors during registration. Course approval sign-offs should also be obtained.

Many courses require the instructor’s approval, which must be obtained before you register. If approval is required, it will be noted in the Mailman School of Public Health course listings.

Holds

Most importantly, all “holds” on registration must be cleared before you will be allowed to register. Examples of such holds include Library Holds for outstanding materials and/or fees, Bursar's Office Holds for any money owed, or Health Services Holds for failure to comply with immunization requirements. If you have a hold, you should receive a notice from the Registrar's office some time before registration informing you that you are on hold and why. All holds on registration must be cleared before you will be allowed to register. To clear the hold, go to the office which has placed you on hold and settle any outstanding obligations you may have.

Add/Drop

Changes in class schedule may be made during the Add/Drop period, usually occurring the first 2 weeks of classes. There are no extra charges for adding and/or dropping courses during this period. If you were unable to see your assigned academic advisors before registration, the add/drop period gives you a grace period to see them after the academic year begins, in time to make any necessary changes to your program after consulting with them. However, because it is less than ideal to join a course without having attended the first weeks, it is recommended that students make every effort to meet with a faculty advisor during the first week of the semester.

If something confuses you about the registration process, speak with the Academic Program Coordinator. If you are having trouble scheduling an appointment with your advisor, feel free to seek advice from any faculty member with whom you have developed rapport or to contact Professor Hirsch directly.
Incompletes
Except in extenuating circumstances, it is contrary to Department and Mailman School policy to grant incompletes. Students who request an incomplete for a course must get the instructor’s approval. The instructor determines whether to permit a student to receive a grade of INC in his/her course. If approval is given, the instructor and student must sign a form and return it to the Academic Program Coordinator by the last day of class. Any student who does not get formal approval for an incomplete prior to the last day of class will receive a UW (unofficial withdrawal) as their grade for the course. Students with formal approval will have one month to fulfill the course requirements and change the incomplete to a letter grade. If they need more time, approval must be obtained from the Deputy Department Chair, Jennifer Hirsch. Any student who has more than two incompletes will not be allowed to register for the next semester of classes. Their registration will be held until they clear their records of the incompletes.

Waiver of Course Requirements
Students may request a waiver or exemption from a specific course requirement if they believe that they have satisfactorily completed a graduate-level course that is comparable in the SMS course. Students initiate this process by preparing a written request. Include in the written statement the SMS course requirement to be waived and brief description of prior course work that is the basis for the request. Attach to the statement both a syllabus for the substitute course and a transcript indicating the final grade for this course. Submit a signed and dated written request, along with the supporting material, to the Department Academic Program Coordinator.

What happens once the request is received?
Step 1: When a request for a waiver is received, the Academic Program Coordinator will inform the appropriate Deputy Chair.

Step 2: The Deputy Chair will then designate an SMS faculty member, who is familiar with the course content subject to the waiver, to review the request. The faculty member will usually be the current or past instructor of the course for which the waiver is requested.

Step 3: The instructor should base the decision to waive on his or her judgment that the previous course work was comparable in rigor and coverage to the course being waived. The student must have earned a grade of B or better for the course. Faculty discretion may be required when there is no letter grade.

Step 4: The faculty member prepares a written recommendation, which is returned with the student’s written request and supporting material to the Department’s Academic Program Coordinator who, in turn, forwards the material to the appropriate Deputy Chair.

Step 5: The Deputy Chair reviews both the student’s request and faculty’s recommendation and renders a decision. The decision is shared with the Department Chair, who has the final formal authority on the matter.

Step 6: After the Chair and Deputy Chair agree on the final decision, the Department notifies the student in writing or via e-mail. (The Deputy Chair will usually sign the letter.) The Department
Chair and appropriate faculty are cc’d regarding the decision. The request and supporting material are placed in the student's file.

Step 7: If the student wishes to contest a rejected request, he or she should prepare a written or e-mail response addressed to the Department Chair. The student may wish to cc: the appropriate Deputy Chair and course instructor.

**What does an approved waiver mean?**

When a waiver for a required course is approved, it indicates that the student has satisfactorily completed the requirement through alternative means to taking the required course. For example, if a DrPH student's waiver is approved for the Introduction to Medical Sociology course, the student has satisfied one of the three SMS core courses and need only take two courses from the remaining choices. With the exception of students applying for advanced standing, there is no reduction in course credits towards graduation. The waiver allows the student to take an additional elective course.

**Tutorials**

Tutorials afford students a chance to share the expertise of faculty members and to concentrate on specific areas of interest in a more informal, less-structured setting than the usual classroom course.

One-to-one student/faculty tutorials on topics of student interest and faculty expertise may encompass such activities as:

- Participation in major research or other projects
- Small individual research projects
- Pilot projects
- Literature review
- Small group variation of a class
- Field experience

No more than 20 percent of course work may be taken in tutorials, and no more than 6 credits of tutorials may be taken with any one faculty member. When registering for a tutorial, please submit a Tutorial Permission Form to the Academic Program Coordinator (see Appendix B).

**Comprehensive Examinations**

After completion of course work requirements for the program, students are eligible and required to take comprehensive examinations. Students may take the examinations during the semester in which course requirements are being completed, but all methodological requirements must be completed prior to that semester. These examinations are a test of the student’s proficiency in the composite disciplines of Sociomedical Sciences and his or her readiness to undertake work on a dissertation. The student should inform the Academic Program Coordinator of plans to begin the examinations so that a formal review of the student's record can be made to verify that all course
work requirements have been met.

Three examinations are required for the DrPH:

- The Standardized Research Methods Examination (written)
- The Health Behavior/Population Health Examination*
- The Health Care Systems Examinations*  
  (*Both oral--taken together)

Both the Health Behavior/Population Health and Health Care Systems Examinations are taken together after successful completion of the Research Methods Examination.

**Standardized Research Methods Examination**

The Standardized Research Methods Examination is given twice yearly, at the end of the fall and spring semesters, generally the first Friday in December and May. (See Appendix C for exam dates and related deadlines.)

At the beginning of each academic year, the Department holds an informational meeting explaining the Standardized Research Methods Examination. The presentation provides more information than can be provided in the Handbook, plus a questions and answer period. All doctoral students who are at any stage of course work are encouraged to attend the meeting in order to plan their preparation for the exam. Students should also consult the Research Methods Course listing to help select course that are useful in preparing for the examination (see Appendix D).

Students should begin thinking about and planning for the exam before the term in which they take it. Students must complete all required methods courses during the term before the exam date, though they may still be taking courses in the term in which they take the exam. Students should schedule a meeting with one of the members of the Methods Committee at least one semester prior to taking the exam. At this meeting, the student should discuss with the faculty member his or her preliminary ideas for the content of the reading lists and student-submitted question. The faculty member will offer suggestions for constructing the reading list and preparing the question, as well as suggest appropriate examination members to review the lists and questions. This meeting is preliminary to and not a substitute for subsequent meetings that review the specific content of lists and questions.

A Research Methods Examination Committee is responsible for administering and grading the examinations; Faculty members are selected for their expertise in all areas of social science methods (covering qualitative and quantitative research expertise) and include faculty who teach the Department’s methods courses.

The examination covers the knowledge and concepts contained in three reading lists: the first is prepared by the Department, and the second and third are prepared by the student. The Department has prepared a core list of readings representing material which all PhD candidates are expected to read and master. Copies of the core list of readings are available on the resource shelves on the 5th floor (across from kitchenette). Students may substitute readings that are
comparable or more advanced than the core readings. Students should check with a member of the Methods Committee, however, before making substitutions.

In addition, students will be responsible for preparing two supplemental reading lists that develop two areas in depth. These areas reflect their own professional areas of interest and specialization. One of the areas must be selected from those enumerated in the core list (statistical methodology, survey research, experimental design, field methods, historical research, or evaluation research). The second area may cover either methodological techniques and issues that are likely to be utilized in the student's future professional work (including but not limited to dissertation research), another area on the core list, or a well-defined area of methodology not covered in the core list. Students should prepare the two supplemental reading lists in consultation with members of the Methods Committee. A methods committee member may approve both lists, or only one list (in which case, the student would get approvals from two different methods committee members), as appropriate. Please review the list of members’ specialties (see appendix C Methods Examination Committee Members) in deciding the most appropriate faculty members to consult with for your lists. Other Columbia faculty may serve on the Methods Committee in an ad hoc capacity if a student wishes to prepare a reading list on social science methods that falls outside the expertise of existing members. Students should seek the approval of the Chair of the Methods Committee, currently Carole Vance, for an outside examiner early in the development of the reading lists.

Students submit a copy of each of the supplemental reading lists, signed by members of the Methods Examination Committee, or a designated ad hoc member, to the Academic Program Coordinator by the appropriate deadline date (see Appendix C for schedule). Be sure to meet with members of the Methods Committee early in the semester to allow time for feedback and approval (see due dates preliminary drafts in Methods Exam Schedule). Copies of previous student reading lists are kept in a binder in the Department as a reference for those preparing to take the Methods Exam, but each student is expected to develop his or her individual lists (please take advantage of this opportunity to individualize your exam). Students should submit a signed paper copy of their two lists to the Academic Program Coordinator, as well as an electronic copy (please note who has approved each list on the top of page 1).

Once the reading lists are completed, the student prepares an individualized essay question to be included in the examination, which demonstrates knowledge of the methodological issues and challenges explored in one of the supplemental lists. This question (in draft form) should be submitted to one of the members of the Methods Examination Committee for feedback. After discussion and edits, the student submits a final version of the question to the Academic Program Coordinator (a signed paper copy and an electronic copy, with the approver’s name noted on top of page 1). Students should be aware that the question they submit for the final exam may be altered by the Methods Examination Committee.

On the day of the exam, all students taking the exam meet at 9:30 in a conference room with the Chair of the Methods Committee to go over the instructions for the exam. Students will then be directed to the office where they will be taking the exam. Books and notes are not permitted in the room.
After students complete the exam, the answers and essays are distributed to members of the Methods Committee; the answers are graded anonymously and independently by at least two readers. All the members of the Methods Committee consider and approve the results (pass or fail), which are conveyed to exam-takers as soon as possible (often within 2-3 weeks). Students also received written comments on each essay, approximately one month after the exam.

If the student does not pass the exam, he or she may be required to take additional courses or pursue independent study before the qualifying examination is repeated. A second failure may result in the student being dropped from the doctoral program. The Chair of the Methods Committee reports the results in writing to the Chair of the Department, the DrPH Director and the Academic Program Coordinator.

**Oral Examinations - Health Behavior/Population Health and Health Care Systems**

After passing the Standardized Research Methods Examination, the student proceeds to the oral examinations covering Health Behavior/Population and Health Care Systems. Examples of areas covered are:

**Health Behavior/Population Health**
- Concepts of health and illness
- Indicators of health and illness
- Class, ethnic and cultural factors in the incidence/prevalence of illness and disability
- The relation of personality traits and states to illness and disability
- Attitudes and behavior regarding health, illness, disability and death
- Social consequences of illness and disability

**Health Care Systems**
- Social elements of health care systems
- Psychological, social and cultural aspects of the health professions
- Social structure and functioning of health organizations
- Cross-national and cross-cultural analysis of health care systems
- Sociomedical factors in the utilization of health services as well as informal support for help with health problems

**Comprehensive Oral Examination Committee**

The student, in consultation with his or her advisor, is responsible for initiating the formation of a Comprehensive Oral Examination Committee. The student will assemble a committee of two faculty members to administer the oral examinations in Health Behavior and Health Care Systems. One faculty member supervises a particular list. While adjunct faculty or public health professionals from outside Columbia may sometimes serve on the committee, such appointments require special justification and approval by the Deputy Chair of the Doctoral Program. The names of faculty who agree to serve as examiners are presented to the Deputy Chair of the Doctoral Program for formal approval.
After the student’s committee receives Department approval, the student should prepare a basic reading list for each area (Health Behavior, Health Care System, and if required, the disciplinary exam); The list should represent the student’s attempt to define the area according to his or her interests, and may include readings already completed, as well as those the student wishes to undertake while preparing for the exam the next several months. The students are expected to incorporate into the Health Behaviors/Population Health and Health Systems list, selected readings of the student’s preference from the first year seminar on Theoretical Foundations and Contemporary Debates in Sociomedical Sciences. If it is more convenient, the student may prepare a short list that cites theoretical orientations that cut across the two reading lists. The examiner will decide whether or not the list is sufficient and, if not, will supplement it. After a few months, a final reading list will evolve, which will be considered the basis of the student’s responsibility in the area. While the process of forming these lists is typically collaboration between the student and the examiner, the examiner has ultimate authority in certifying that the lists’ meet the advisor’s standards for scholarly quality and coverage. Copies of reading lists and questions from past exams are on file at the Department reception desk and may be used for reference.

Since the compilation of the reading lists takes some time, thought and research, the student should begin assembling a committee and consulting with advisors before the completion of course work. At the time oral examinations are being scheduled, students must submit a copy of each final reading list signed by a faculty examiner to the Academic Program Coordinator.

The student should consult with the Academic Program Coordinator regarding the scheduling of the examinations and the room or office in which they will take place. Books and notes may not be brought into the examination room. Usually, the oral examinations take about two hours. They are considered to be a “learned conversation among colleagues.” The examiners take turns asking the student questions covering the approved reading lists. The results of the oral examinations are made known to the student immediately.

**Strategies for Preparing for Oral Examinations**

This may be the student’s first experience with taking oral rather than written exams. Student who successfully completed the oral exams offer the following suggestions: 1) Review each list and imagine questions you would pose, were you the examiner; 2) Organize and write down key points to cover when answering these likely questions; 3) Associate central concepts with influential researchers; 4) Practice with someone who has already taken the exams.

**Dissertation and Graduation**

**Selecting a Sponsor**

At some point towards the end of coursework or, at the latest, while developing the reading lists for oral examinations, the student formally designates a faculty sponsor and begins work on the dissertation proposal. By the time a student reaches this point in the program, however, he or she should have a fairly well-developed idea for dissertation research and should have identified a faculty member under whose mentorship he or she plans to conduct independent research. It is at this point that the student’s primary mentor is referred to as a ‘sponsor’ rather than an ‘advisor’. A student may approach any Columbia University faculty member with a full-time appointment
to serve as his or her sponsor. Adjunct faculty are eligible to serve as sponsors, provided that a full-time Columbia faculty member, who is an approved sponsor, serves as a co-sponsor, and accepts that designation as a genuine responsibility. The main criterion is to find a faculty member who is willing to devote the necessary time and effort to mentor the student through the dissertation process. Students should consult the Deputy Chair if they have any questions as to whether a faculty member can sponsor a DrPH dissertation. Students can also approach the Director of the Doctoral Program and ask for help, either in reaching out to a particular faculty member or in figuring out who might be the most appropriate sponsor, given the students’ interests and disciplinary focus. Students may find it helpful to discuss the selection of a sponsor with Dr. Phelan, Director of the Office for Doctoral Student Concerns.

**The Dissertation Proposal**

Although the first formal step in the dissertation process is the selection of a faculty sponsor, preliminary work on a proposal usually starts much earlier, since it develops organically from the student’s prior work in classes, seminars, and term papers; formal approval of the proposal, however, is given upon successful defense of the dissertation proposal. **Students are expected to submit a proposal within six months following completion of the other program requirements. Students who fail to prepare and defend a dissertation proposal in a timely fashion after completing other program requirements may be asked to take a leave of absence or to withdraw from the program.**

The formal approval of a proposal provides assurance that completion of the proposed study will provide the basis for an acceptable dissertation. The dissertation proposal is a description of an idea which is worthy of research, and which has been described in a manner showing the student's ability to plan an independent investigation. The proposal stage should not be a problem if the student has been thinking about and discussing possible topics earlier in the program. Class discussions, readings, and exchanges with faculty and other students contribute to the proposal’s development.

Many students (particularly those who intend to collect their own data) spend the summers between the first and second or second and third years engaged in some form of preliminary dissertation research. Students are reminded that all individuals conducting research are required to submit a protocol for review by the Institutional Review Board. This review can take several months and so it is important to submit it with sufficient lead time. In order to be permitted to draw on this preliminary research in one’s dissertation proposal, a student must file a copy of the IRB approval for that research with the program coordinator, Ms. Andrea Constancio.

**Preparing the Proposal**

The dissertation is an example of the student’s capacity to conduct original research and to present findings in a scholarly manner. The student uses his or her social science knowledge and skills to investigate a problem in the health field. The student's research may involve the collection of data, or may be an analysis, from a new point of view, of data that has been previously collected. The student should view the dissertation as a demonstration of research competence, and not necessarily expect to provide definitive answers to the theoretical questions
posed. Students are urged to discuss possible dissertation topics with several faculty members.

Once the student has identified a possible dissertation topic, he or she should secure the support of a faculty sponsor with appropriate research interest. The student, in consultation with the dissertation sponsor, should prepare a proposal on the topic. Development of the proposal requires considerable time and effort; it should include the following elements:

- Abstract (1 page)
- A statement of the problem to be investigated
- Research aims of the dissertation
- A synthesis and critique of the literature bearing upon this problem
- A statement of hypotheses or questions
- An description of the methodological approach, including research design and plans for data collection and analysis
- Status of human subjects review
- Timeline

Conciseness is a virtue in writing proposals. Excluding references and the abstract, the body of the proposal should not exceed 30 double spaced pages (using 11 pitch type face or larger). In exceptional cases, and with the sponsor’s approval, a student may submit a longer proposal. Beyond covering the topics listed above, the Department has no specific expectations regarding the precise format and content of the proposal. The student’s sponsor is responsible for assisting the student in developing a suitable format for the proposal.

Copies of previous dissertation proposals are available upon request. Please contact the Academic Coordinator.

Forming the Proposal Defense Committee

When the faculty sponsor feels that the proposal is ready, the sponsor formally requests that the Department form a Proposal Defense Committee and schedule a proposal defense. The faculty sponsor’s request is addressed to the Deputy Chair (Jennifer Hirsch). The request includes a working title for the students’ dissertation research and recommendations for possible committee members. **Students do not form their own committees.** Acting on behalf of the Department and after consultation with the student’s faculty sponsor, the Chair of the Doctoral Program Subcommittee formally selects the five-member Proposal Defense Committee.

The Proposal Defense Committee for the DrPH is composed of a minimum of five faculty members. At least two of the faculty must hold the rank of Associate Professor or higher, and at least one must be from outside the Department of Sociomedical Sciences. A senior faculty member, who is not the candidate’s dissertation sponsor, is designated to be the impartial Chair of the Committee. The slate is presented to the Standing Doctoral Committee for approval. Special justification must be provided for the inclusion of adjunct faculty, or faculty from outside Columbia. **It is the Department’s, not the student’s, responsibility to schedule the dates and locations for the dissertation proposals and dissertation defenses.**
Proposal Defense

Once the Department confirms participation of all Proposal Defense Committee members, the Academic Program Coordinator schedules the proposal defense. If a proposal defense cannot be scheduled in a timely manner with all five members present, the defense may proceed with a minimum of the sponsor, a member of the Department and at least one other member from outside of SMS. Members not present at the proposal defense are requested to prepare comments on the dissertation proposal, which may be submitted in writing or in person to the student and faculty advisor.

It is the candidate’s responsibility to distribute hard copies of the proposal to all committee members at least two weeks before they meet. E-mail is not an acceptable means for distribution of the defense version of the proposals to committee member. Students who do not reside in NYC should distribute proposals by US postal services or other mail delivery service. The student is responsible for confirming that all committee members have received proposals in a timely manner. The student may of course distribute electronic copies in addition to the hard copy if so requested.

The student must be present in person at the proposal defense. At the defense, the student should be prepared to outline the project, discuss its methods and substance, and explain the rationales underlying decisions that were made as the proposal developed. This meeting may be the first time that the sponsor and Proposal Defense Committee have ever been together to discuss the proposal. The meeting should be viewed as a working conference, where the committee takes a critical look at the research plan with the aim of protecting the student from attempting to execute an inadequate and unfeasible plan. Any differences among committee members concerning the adequacy of the plan should be resolved among themselves during the meeting. If the committee members agree that there are weaknesses in the plan that are not resolved during the meeting, the student may be asked to revise the proposal and another meeting of the committee may be convened before the proposal is approved.

Target dates for completion of various steps should be set when the proposal is approved, not to constrain the student, but to give a standard against which to evaluate satisfactory progress. The approved proposal should provide readers with a sufficient sense of the whole to make later review of drafts of individual chapters valuable.

Unanimous approval must be obtained from the Committee before the student can proceed with the dissertation.

It is the responsibility of the Proposal Defense Committee to inform the Academic Program Coordinator of the approval of the dissertation proposal. A copy of the approved proposal should be given to the Academic Program Coordinator to be kept on file. Successfully defended proposals will be considered for the Department’s Eugene Litwak Prize, awarded annually for the best proposal to help support students while they are completing their dissertations.
IRB Requirements

All students must submit an application to the Health Sciences Institutional Review Board (IRB) and obtain their approval for any research involving human participants. Even research that will be using data covered by existing IRB protocols, or that does not involve direct contact with human participants must be submitted for IRB approval to request that the research project be exempted from full IRB review. Students should develop the IRB protocol at the same time as they begin to write the proposal. The proposal defense can be scheduled prior to IRB approval (and it is not necessary to include details of submission [actual or planned] in the proposal narrative), but students must have IRB approval before commencing your research. The Health Sciences Institutional Review Board is extraordinarily user-friendly, and students are strongly encouraged to take advantage of the IRB’s ‘office hours’ to seek advice on the preparation of their protocols. These preliminary conversations will make it clear whether the protocol presents any particular challenges regarding human subjects protection, how those challenges might be addressed, and what supplementary materials it is necessary to submit. Seeking this advice in advance of submission can mean the difference between a protocol that is approved in 4 weeks and one that creates major delays in the initiation of research. More information is available at http://www.cumc.columbia.edu/dept/irb/. Students conducting research outside the United States will be required to submit their project for review within that country as well, and so developing a relationship with a host institution is a critical part of any pre-dissertation preparatory work students conduct.

The IRB application must be submitted by the student’s sponsor (not the student) through an online system, Rascal (http://rascal.columbia.edu). Students should be prepared for the possibility of a lengthy IRB proposal approval process, although this can be avoided by seeking input in advance from IRB staff. Six to eight weeks, or even longer, is not unheard of, so take that into consideration when planning. The student’s proposal defense includes a brief presentation of the status on the IRB review. It is possible that recommendations made by the committee during the proposal defense may require changes in the research design that may initiate modifications to approved IRB protocols. In addition, if research involves collaboration with other institutions, approval by their IRB may also be required.

Please note that it is necessary for anyone responsible for the design and conduct of a study involving human subjects, to pass an examination on the topic of Protection of Human Participants in Biomedical and Behavioral Research (in most cases this includes the student as well as the student’s sponsor). A course is offered on this topic. For more information on the course, dates of the course and examination, and the IRB application process, go to http://rascal.columbia.edu. IRB approval must be renewed annually throughout the course of dissertation research. Even when data collection has been completed, it is the responsibility of the student to maintain IRB approval. Students who permit their IRB approval to lapse will not be considered in good standing.

The Dissertation in Progress

Once a student has passed the dissertation proposal defense and secured IRB approval for the protocol, dissertation research may begin. The student should keep in close contact with his or
her sponsor for suggestions and advice. Each student should work out arrangements with the rest of the committee regarding how they wish to keep abreast of the student’s progress.

Committee members are expected to provide written or oral responses to drafts within a reasonable time period. Generally, three weeks to a month should be sufficient time to permit a detailed response to a single chapter. Six weeks should be sufficient time to review a group of chapters for a full draft of a dissertation. Some supervision should be provided during summers, and special arrangements for continuous guidance should be worked out when faculty members are on leave or during the summer.

There is a great deal of variation in the extent to which members of the dissertation committee read drafts of dissertation chapters. In order to take maximum advantage of the mentorship provided by the full committee, and to reduce the likelihood that at the time of the defense faculty will see major unaddressed flaws in the dissertation research, it is strongly recommended that students share a full draft of the dissertation with all members of the committee well in advance of the dissertation defense, and allow time to incorporate whatever feedback committee members provide. The specifics of how committee members would like to be kept abreast of research in progress and to receive drafts and provide feedback should be discussed at the time of the dissertation defense, and should take into account the preferences of the student and the sponsor as well as the availability and specific expertise of committee members. Students who feel that they would benefit from more mentorship than they are receiving from their sponsor or other members of the dissertation committee should discuss the matter directly with Professor Hirsch.

**Dissertation Grants**

Students are encouraged apply to outside agencies for dissertation grant money (see Appendix E and the list of funding resources for students, available through the Office of Research Resources, http://www.mailman.columbia.edu/faculty-staff/research-resources-r2-office).

When preparing such grants, students should consult with the SMS Grants and Contracts Officer. The Officer will provide assistance with preparing the appropriate grant documentation. **However, the SMS Business Office requests that all materials be submitted to them at least 10 business days before the grant is due.**

**The Dissertation Defense**

**Nomination and Appointment of the Dissertation Committee**

As previously stated, the full committee (five members) is usually formed at the time of the proposal defense. The responsibility for selecting and recommending Dissertation Defense Committee members rests with the faculty sponsor and Deputy Chair of the Doctoral Program. **Students** may be consulted on, but **do not select their Dissertation Defense Committees** and should not be put in the position of having to ask particular faculty members to serve on their Dissertation Defense Committee.

The Dissertation Defense Committee shall be composed of **five members**, all of whom are
expected to be present for the dissertation defense:

- **The Sponsor**, who is an approved DrPH sponsor, is the person who guides you through the dissertation.
- **The Chair**, who is a tenured or senior faculty with a primary appointment in SMS. The Chair is responsible for making sure that the Dissertation Defense Committee follows the formal requirements for dissertation defense. The Chair convenes the defense and moderates the candidate’s presentation and committee members’ questions and discussions.
- Three committee members must be SMS faculty members and two must be an outsider from other Columbia Departments and/or schools or universities.

A committee may include members from outside the University, if the faculty sponsor believes such outsider members bring an expertise or knowledge of the research topic not available among CU faculty. The faculty sponsor must assure the Department that the outside member will be able to be present for the dissertation defense. The Department does not have funds to cover the transportation expenses that might be incurred by outside members. The names and contact information of outside examiners from other University Departments shall be submitted by the Academic Program Coordinator. Outside examiners from other universities must submit evidence of their qualifications, in the form of curriculum vitae, for approval by the Dean.

**Scheduling the Defense**

No defense shall be scheduled until both the dissertation sponsor and a second reader have signified that, in their judgment, the dissertation is acceptable and thus ready for a formal defense.

When the student and dissertation sponsor feel that the dissertation has been completed in a satisfactory manner, the sponsor shall inform the Deputy Chair of the Doctoral Program and the Academic Program Coordinator and request that a time and date for the defense be scheduled.

Dissertation defenses are held throughout the academic year. The exact days and times are arranged to suit the convenience of the faculty committee and the student.

**Students must deliver hard copies of the dissertation to all member of the Dissertation Defense Committee at least four weeks prior to the date on which they plan to defend. E-mail is not an acceptable means for distribution of the defense version of the dissertation to committee members.** Students who reside away from NYC should distribute copies by US postal services or other mail delivery service. The student is responsible to confirm that all committee members received the copies in a timely manner. The student may of course distribute electronic copies in addition to the hard copy if so requested.

**Before the student prepares the final version of the dissertation,** he or she should confirm with the MSPH Office of Student Affairs for guidelines on the technical preparation of the manuscript and final deposit of the dissertation. Specifications at this time are as follows:
- Copies must double-spaced and single sided pages.
- The color of the hard cover should be navy blue with gold lettering.
- The spine should contain your name and the graduation date (month and year).

The Academic Program Coordinator will see that public announcements of the defense, including the time, date and topic are conspicuously posted.

**Conduct of the Defense**

The student and all committee members are expected to be present in person at the dissertation defense. The dissertation defense is usually two hours in length. At the time of the defense, the Dissertation Defense Committee usually meets briefly in closed session to outline the themes to be covered during the examination. The candidate and public are then invited into the examination room. The dissertation is defended by the student with respect to its sources, findings, interpretations and conclusions. The candidate is expected to show familiarity with the research and literature pertinent to his or her subject and the knowledge relevant to the research questions and methods. The candidate may be asked to begin by summarizing, within ten minutes, the theoretical content of the dissertation and the broader significance of key findings. Following the overview, the committee members ask the candidate to defend the validity of the research and the importance of the findings.

Points made by the examiners will naturally divide into substantive and editorial. Generally, a sheet of notes on editorial matters is handed to the candidate by the reader, thereby leaving examining time for matters of substance. The public audience does not generally ask questions of the candidate, although the Chair of the Committee may allow questions of clarification to be posed by members of the audience.

**Results of the Defense**

After the two-hour dissertation defense, the student leaves the examination room and the Dissertation Defense Committee, in closed session, judges the acceptability of the dissertation. To be judged acceptable, the dissertation must meet current standards in the student's dissertation topic, and must add to the existing knowledge or concepts in the field. For those candidates whose dissertations are deemed acceptable pending minor revisions, the Chair of the Committee shall, at the conclusion of the defense, call for a closed vote of committee members as to whether the degree should be awarded distinction. A unanimous vote is required. The student is called back into the examination room and informed of the results. Three outcomes are possible:

- **Pass** - The dissertation is acceptable subject to minor revision (mainly editorial). Upon satisfactory completion of the required revisions, as judged by the Chair of the Dissertation Committee, the student is recommended for the DrPH degree. The student should deposit the revised dissertation no later than six months after the date of the dissertation defense.
- **Incomplete** - The dissertation is deemed acceptable, subject to major revision. Upon satisfactory completion of the required revisions, as judged by three members of the committee, the student is recommended for the DrPH degree. The Chair of the Dissertation Defense Committee shall delegate the responsibility for the revisions to a subcommittee made up of three members of the original committee. All revisions must be completed and the dissertation deposited no sooner than three months, and no later than one year from the date of the dissertation defense.

- **Fail** - The dissertation is **not acceptable**, and the student is not recommended for the DrPH degree. However, the likelihood of this happening is small if the student has worked closely with the faculty sponsor and has received adequate guidance. Only in extraordinary circumstances may a candidate have a second final examination, i.e., the student may be given the opportunity to present to the Deputy Chair, within ten years, a body of independent and original published scholarly material which, if acceptable to the Deputy Chair, may be defended and, if done successfully, may result in the awarding of the DrPH degree.

**Final Deposit of the Dissertation**

Dissertations approved with **minor revisions** required must be deposited in the Office of the Dean within **six months** of the defense date. Dissertations approved with **major revisions** required must be deposited within **one year** of the defense date.

Following successful defense, two bound copies of the final dissertation are to be deposited with Mailman Dean of Students at least one month before the awarding of the degree. The format of the document shall conform to standards set for the PhD by the Graduate School of Arts and Sciences (http://www.columbia.edu/cu/gsas/sub/dissertation/guidelines/formatting/index.html).

The bound copies should be navy blue with gold lettering. The spine should contain your name and the graduation date (month and year).

Suggested binders include:

- Harwitt Bindery, 121 Bennett Ave, #101, New York, NY 10033 (212) 923-4112
- Katz Bookbinding, 208 Broadway, Brooklyn, NY 11211 (718) 387-7765
- Henry Bookbinding, 135 Henry Street, New York, NY 10002 (212) 962-1977

**Diploma and Graduation**

The DrPH degree is awarded three times during the academic year - in February, May and October. The student must submit an application for the degree to the Office of Student Affairs by the appropriate date as specified in the MSPH bulletin.
**Summary of DrPH Requirements after Course work**

It is the expectation of the Department that students will progress through the entire sequence of exams (methods, comprehensives, and proposal defense) within eighteen months (three semesters) of completing coursework.

1. **Standardized Research Methods Examination**
   - Meet informally meeting with a Methods Examination Committee faculty member at least one semester before taking the examination.
   - Develops two reading lists with assistance of Methods Examination Committee faculty members.
   - Submits reading lists to one or two Methods Committee member(s) for approval by the deadline (see Appendix C).
   - Once reading lists are approved, student submits lists to the Academic Program Coordinator by the deadline.
   - Develops question that will illustrate knowledge of methodological issues and challenges related to supplemental reading list area.
   - Submits essay question to one Methods Committee member for feedback.
   - Once student has received feedback and edited question as appropriate, student submits question to the Academic Program Coordinator, with faculty signature.
   - Student should be aware that the submitted question may be slightly altered by the examination committee for the final exam.
   - Student takes Methods Examination.

2. **Oral Examinations**
   - Student chooses two examiners (one to examine on Health Behaviors/Population Health list and the other to examine on Health Care Systems list) and approaches them about being on his or her Oral Examination Committee.
   - Student develops a preliminary reading list for each area and seeks approval from appropriate examiners.
   - Once approval is received, student submits lists to the Academic Program Coordinator, with faculty signatures. The Department will schedule a date for the oral examinations.

3. **Dissertation Proposal**
   - The dissertation proposal should be defended within six months of completion of exams.
• Student proposes a dissertation topic and identifies/contacts a faculty sponsor.

• Student develops research topic and writes research proposal, with guidance of sponsor

• Student submits proposal to sponsor for approval.

• Student investigates future steps for IRB application and approval and, when sponsor feels that the dissertation question and methods are sufficiently settled, student submits IRB application under sponsor’s name.

• Department forms Committee.

• Department arranges a proposal defense date.

• Student distributes copies of proposal to Proposal Defense Committee members at least two weeks before defense.

• Student defends proposal. Committee provides comments and suggestions that were made during the defense.

• Once proposal is successfully defended, a copy of the proposal is given to the Academic Program Coordinator.

• Student awaits IRB approval. Students may not initiate data collection for dissertation research until IRB approval is received. Students are responsible for ensuring that the research protocol fulfills IRB requirements and for renewing the IRB protocol approval until the program is completed.

4. Dissertation Defense

• Student should routinely keep in contact with sponsor, who discusses research process and problems. After data collection, sponsor reads preliminary chapters and offers comments and suggestions. Once dissertation is written and sponsor feels that it is ready for defense, sponsor will contact Department to schedule a dissertation defense date.

• Student circulates full dissertation to Dissertation Defense Committee at least one month prior to defense date.

5. Post Dissertation Defense

• Student makes suggested revisions from dissertation defense.

• Once revisions are approved, student arranges for deposit of the dissertation.

• The degree is awarded at the next conferral date.
30 points minimum course work; continuous registration required upon completion of 30 course credits.

Prerequisite: MPH degree or equivalent and of Public Health core courses (Biostatistics, Epidemiology, Health Policy & Management, Environmental Sciences, and Social & Behavioral Sciences) required pre-admission.

Requirements

- Social & Economic Determinants P8745*
- Contemporary Debates in SMS P8789*
- Methods - Minimum of one course in both advanced quantitative** & qualitative.
- SMS Substantive Courses - minimum of 1
- Choose two of five:
  - Medical Sociology P8704
  - Medical Anthropology P8755
  - Health Psychology P8767
  - Health Economics P6503
  - Social History of American Public Health P8773

* P8745 and P8789 must be taken during the first year.

**For students without prior training in quantitative methods, a course in applied regression analysis is strongly recommended to satisfy advanced quantitative requirement

Comprehensive Exams

- Research Methods (written)
- Health Behavior/Population Health (oral)
- Health Care Systems (oral)

Other Requirements

- Master's essay - prior MPH essay may be used
- Dissertation
APPENDIX A
DOCTORAL PROGRAM SUBCOMMITTEE ON SOCIOMEDICAL SCIENCES

Chair: Jennifer Hirsch, Professor of Sociomedical Sciences
722 W. 168th St., 5th floor, 212-305-1185, jsh2124

Vice Chair: David Rosner, Professor of Sociomedical Sciences and History
722 West 168th St., 9th Floor, 212-304-7979, dr289

Vice Chair: Robert Shapiro, Professor of Political Science
713 International Affairs, 212-854-3944, rys3

Ana Abraido-Lanza, Associate Professor of Sociomedical Sciences and Director,
DrPH program
722 West 168th St., 5th Floor, 212-305-1859, afl7

John Allegrante, Professor of Sociomedical Sciences and Health Education,
Health and Behavior Studies
530 Thordike Hall, 212-678-3960, allegrante@exchange.tc.columbia.edu

Ronald Bayer, Professor of Sociomedical Sciences
722 West 168th St., 9th Floor, 212-305-1957, rb8

Peter Bearman, Professor of Sociology
814 International Affairs, 212-854-3094, psb17

Elizabeth Blackmar, Professor of History
323 Fayerweather, 212-854-3016, eb16

Myron Cohen, Professor, Department of Anthropology
757 Schermerhorn, 212-854-1739, mlc5

Andrew Davidson, Vice Provost and Professor (Population and Family Health)
305 Low Library, 212-854-6313, ard2

Bruce Dohrenwend, Professor of Social Science in Psychiatry and Epidemiology
100 Haven Ave., Tower 3, #19H (P.I. Box 8), 212-795-0211, bpd1

Geraldine Downey, Professor and Chair of Psychology
402C Schermerhorn, 212-854-8718, gd20

Amy Fairchild, Professor
722 West 168th St., 9th Floor, 212-305-8541, alf4
Robert Fullilove, Professor of Clinical Sociomedical Sciences
Associate Dean for Community and Minority Affairs
722 West 168th St., 9th Floor, 212-305-0195, ref5

Denise Kandel, Professor of Sociomedical Sciences
60 Haven Ave., B-4 (P.I. Box 20), 212-304-7070, Ext. 1, dbk2

Bruce Link, Professor of Epidemiology and Sociomedical Sciences
100 Haven Ave., Tower 2, #31D (P.I. Box 47), 212-928-0631, bgl1

Peter Messeri, Associate Professor of Clinical Sociomedical Sciences
722 West 168th St., 5th Floor, 212-305-1549, pam9

Lisa Metsch, Professor and Chair of Sociomedical Sciences
722 W. 168th St., 9th Floor, 212-305-3577, lm2892

Constance Nathanson, Professor of Clinical Sociomedical Sciences
722 W. 168th St., 5th Floor, 212-305-1593, can2003

Brendan O’Flaherty, Associate Professor of Economics
807B International Affairs Building, 212-854-2449, bo2

Jo Phelan, Professor of Sociomedical Sciences
722 W. 168th St., 16th floor, 212-305-0406, jcp13

David Rothman, Bernard Schoenberg Professor of Social Medicine and
Professor of History
650 W. 168th St., Room 1-138, 212-305-4096, djr5

Lesley Sharp, Professor and Chair of Anthropology, Barnard College, Professor
of Sociomedical Sciences
411A Milbank, 212-854-5428, lsharp@barnard.edu

Karolynn Siegel, Professor of Sociomedical Sciences
722 W. 168th St., 9th floor, 212-304-5578, ks420

Carole Vance, Associate Clinical Professor of Sociomedical Sciences
722 West 168th St., 5th Floor, 212-305-1535, csv1
APPENDIX B
TUTORIALS IN SOCIOMEDICAL SCIENCES

Policy
Tutorials afford students a chance to learn from the expertise of faculty members by concentrating on specific areas of interest in a less structured setting than the usual classroom course. One-to-one student/faculty tutorials may include, for example, participation in major research or other projects, small individual projects, pilot projects, literature review, and field experience. Note that tutorials may earn 1 to 3 point credits.

MPH Students: No more than 3 credits of tutorials may be taken; tutorial credits may be applied toward general elective credit, but not SMS elective.

Doctoral Students: No more than 20 percent of course work may be taken in tutorials and no more than 6 credits of tutorials may be taken with any one faculty member.

Procedures
Tutorials must be activated each term for individual faculty. This form must be completed and returned to the Academic Program Coordinator, no less than 72 hours prior to the last registration day. The Academic Program Coordinator will submit the request to have the tutorial activated and registration call number assigned and will notify you of the registration number.

Please provide the information requested below and attach a description of the plan to the Academic Program Coordinator. You description should include:

- Title
- Overview and objective
- Methods
- Time frame
- Assignments/Work to be submitted:
- Evaluation criteria

Student's Name: ___________________________ UNI: ___________
Student's Signature: ___________________________ Date: ___________

I have approved the attached tutorial plan for the following semester:

____ Fall  ____ Spring  ____ Summer  ____ Year:________

Tutorial Instructor:

Instructor Signature: ___________________________ Date

To be completed by Academic Program Coordinator.

P6790 *Section: __________  Credits: ________
P8790 *Section: __________  Credits: ________
P9790  *Section: __________  Credits: ________
APPENDIX C
DATES REGARDING METHODS EXAM

Pre-exam students should make a note of the following dates:

Fall Exam Schedule:

Friday, September 21, 2012: General meeting on methods examination at 10:00-11:00, in room 532-B at 722 West 168th Street. All pre-examination doctoral students are urged to attend. The chair of the methods examination committee will be present, and we will discuss the exam process and how to prepare for the exam. It will also be an opportunity to network and organize study groups.

Friday, September 28, 2012: For students taking the Fall 2012 methods examination, last day to submit drafts of your two supplemental reading lists to methods committee members for review (earlier submission recommended). These lists cover your two "in-depth" areas. (Do not include readings already listed on the core list.) Please follow a standard bibliographic style in your lists.

Friday, October 19, 2012: Your two approved supplemental reading lists are due in the Academic Program Coordinator’s office. Be sure your supplemental reading lists have been approved by members of the methods examination committee before submitting them to the Academic Program Coordinator (paper copies with faculty signatures and electronic version by email with the name of faculty approver noted on top of page 1).

Friday, October 26, 2012: Last day to submit draft of student question to methods committee member for review (earlier submission recommended).

Friday, November 9, 2012: Student submitted questions due in the Academic Program Coordinator’s office (paper copy with faculty signature and electronic version by email with name of faculty approve noted on top of page 1).

Friday, December 7, 2012: Fall methods examination.

Spring Exam Schedule:

Friday, February 8, 2013: For students taking the Spring 2013 methods examination, last day to submit drafts of your two supplemental reading lists to methods committee members for review (earlier submission recommended). These lists cover your two "in-depth" areas. (Do not include readings already listed on the core list.) Please follow a standard bibliographic style in your lists.

Friday, March 8, 2013: Your two approved supplemental reading lists are due in the Academic Program Coordinator’s office. Be sure your supplemental reading lists have been approved by members of the methods examination committee before submitting it to the Academic Program Coordinator (paper copies with faculty signatures and electronic version by email with the name of faculty approver noted on top of page 1).

Friday, March 22, 2013: Last day to submit draft of student question to methods committee
member for review (earlier submission recommended).

**Friday, April 12, 2013:** Student submitted questions for Spring 2013 methods examination are due in Academic Program Coordinator’s office (paper copy with faculty signature and electronic version by email with the name of faculty approver noted on top of page 1).

**Friday, May 3, 2013:** Spring methods examination.

Copies of the core list of readings are available on the resource shelves on the 5th floor (across from kitchenette).
2012-2013 Methods Examination Committee Members

Ana Abraido-Lanza  Quantitative methods, survey design, scale development/design, measurement issues

James Colgrove  Historiography, archival research, oral history, and ethical analysis

Joyce Moon Howard  Survey research methods, CBPR, research design, program evaluation

David Rosner  Historiography and archival methods

Carole Vance, Chair  Ethnography, participant observation, qualitative methods, interpretive methods

Patrick Wilson  Primary: Survey research methods, measurement, research design, statistical methods (generally), longitudinal data analysis; Secondary: Grounded theory, mixed methods research
APPENDIX D
RESEARCH METHODS COURSES

I. Overview of Research Process

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>P8617</td>
<td>Research Design, Interpretation, and Analysis</td>
<td>Pop Fam</td>
</tr>
<tr>
<td>P8623</td>
<td>Practical Skills in Social Science Research</td>
<td>Pop Fam</td>
</tr>
<tr>
<td>P8785</td>
<td>Qualitative Research Design in Public Health</td>
<td>SMS</td>
</tr>
<tr>
<td>G8003</td>
<td>Research Design</td>
<td>GSAS: Anthro</td>
</tr>
<tr>
<td>TF5020</td>
<td>Methods of Social Research: Survey Methods</td>
<td>TC</td>
</tr>
<tr>
<td>TF5021</td>
<td>Methods of Social Research: Evaluation Methods</td>
<td>TC</td>
</tr>
<tr>
<td>&amp; 5041</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TJ5040</td>
<td>Research Methods in Social Psychology</td>
<td>TC</td>
</tr>
<tr>
<td>TM5021</td>
<td>Methods of Empirical Research</td>
<td>TC</td>
</tr>
<tr>
<td>&amp; 5022</td>
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</tbody>
</table>

II. Statistical Concepts & Analytical Techniques

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>P6104</td>
<td>Introduction to Biostatistical Methods</td>
<td></td>
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<tr>
<td>P6105</td>
<td>Introductory Probability with Statistical Application</td>
<td></td>
</tr>
<tr>
<td>P6110</td>
<td>Statistical and Computer Methods in Health Data</td>
<td></td>
</tr>
<tr>
<td>P8100</td>
<td>Applied Regression Analysis</td>
<td></td>
</tr>
<tr>
<td>P8111</td>
<td>Linear Regression Models</td>
<td></td>
</tr>
<tr>
<td>P8115</td>
<td>Sample Survey Theory</td>
<td></td>
</tr>
<tr>
<td>P8117</td>
<td>Nonparametric Statistics</td>
<td></td>
</tr>
<tr>
<td>P8120</td>
<td>Analysis of Categorical Data</td>
<td></td>
</tr>
<tr>
<td>P8129</td>
<td>Theory of Multivariate Analysis [Qual.]</td>
<td></td>
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<tr>
<td>P9779</td>
<td>Advanced Research Methods and Analysis [SMS]</td>
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<td>G9400</td>
<td>Mathematical Methods and Models [GSAS: Psych]</td>
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</tr>
<tr>
<td>G6225</td>
<td>Models of Categorical Data [GSAS: Soc]</td>
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<tr>
<td>G6227</td>
<td>Structural Equation Models [GSAS: Soc]</td>
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<tr>
<td>G4910</td>
<td>Principles of Quantitative Research [GSAS: PoliSci]</td>
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<tr>
<td>G4911</td>
<td>Analysis of Political Data [GSAS: PoliSci]</td>
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<tr>
<td>TM6062</td>
<td>Statistical Treatment of Mass Data [TC]</td>
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<tr>
<td>TM4126</td>
<td>Applied Regression Analysis [TC]</td>
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<tr>
<td>TM5122</td>
<td>Multivariate Statistics I [TC]</td>
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</tr>
<tr>
<td>TM5123</td>
<td>Multivariate Analysis II [TC]</td>
<td></td>
</tr>
</tbody>
</table>

III. Data Gathering & Analysis (qualitative)

A. Field Methods

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Department/Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>P8637</td>
<td>Qualitative Research</td>
<td>Pop Fam</td>
</tr>
<tr>
<td>P8786</td>
<td>Ethnographic Methods in Health Research</td>
<td>SMS</td>
</tr>
<tr>
<td>G6271</td>
<td>Methods &amp; Problems in Anthropology</td>
<td></td>
</tr>
<tr>
<td>G4099</td>
<td>Field Methods</td>
<td>Soc</td>
</tr>
<tr>
<td>P8771</td>
<td>Community-based Participatory Research in Public Health</td>
<td>SMS</td>
</tr>
<tr>
<td>P8785</td>
<td>Qualitative Research Methods</td>
<td>SMS</td>
</tr>
<tr>
<td>TF5000</td>
<td>Methods of Inquiry: Ethnography &amp; Participant Observation</td>
<td>TC</td>
</tr>
</tbody>
</table>
B. Archival and Historical Methods
G4091 Historical Method and Documentary Analysis [Soc]
G8530 Historical Anthropology
G9854 Methods and Theory in History and Historical Sociology [History]
TI6041 Historical Methods

C. Sociomedical Indicators

IV. DATA GATHERING & ANALYSIS (QUANTITATIVE)

D. Measurement Theory
P9103 Psychometric Theory [Biostat]
P8417 Selected Problems of Measurement in Epidemiology [Epi]
TM4050 Introduction to Measurement
TM5125 Psychological Scaling
TM5550 Current Issues in Measurement and Evaluation
TM5552 Problems and Process in the Measurement of Attitudes
TM6050 Intermediate Psychometric Theory

E. Survey Research
P8777 Survey Research Methods [SMS]
G4324 Survey Methods [Soc]
G4521 Field Research Methods [Psych]
TJ5040 Research Methods in Social Psychology
& 5041
TM5553 Questionnaire Construction

F. Experimental Design
P8116 Design of Medical Experiments [Biostat]
P8140 The Randomized Clinical Trial [Biostat]
TM4123 Experimental Design

V. APPLICATION OF METHODS

G. Evaluation of Programs & Research
P8705 Seminar in Evaluation of Health Programs [SMS]
P8428 Evaluation of Health Intervention Programs [Epi]
TM5055 Evaluation of Institutions, Programs & Curricula
& 5056
TF5021 Methods of Social Research: Evaluation Methods
APPENDIX E
SELECTED DISSERTATION GRANT OPPORTUNITIES

(For a more complete listing, see http://www.mailman.columbia.edu/faculty-staff/research-resources-r2-office/funding-resources/funding-resources-graduate-students)

Soros Foundation
The Paul and Daisy Soros Fellowships for New Americans: Available to US permanent residents, or naturalized U.S. Citizen who are under the age of 30.
http://www.pdsoros.org/

National Environmental Health Association
NEHA/AAS Scholarship Awards: Available to applicants pursuing a degree in Environmental Health Sciences and/or Public health.

Association of Schools of Public Health
Internship & Fellowship Programs – various opportunities
http://www.asph.org/document.cfm?page=752

Public Health Association of NYC
Goldmann Student Merit Award
Purpose: The Public Health Association of New York City (PHANYC) is calling for papers written by students dealing with public health in New York City. Papers will be reviewed for entry into the Goldmann Student Merit Award Competition, presented annually by PHANYC. The aim of the competition is to foster student involvement in professional public health activities and to promote critical thinking on important health issues. A first prize of $200 and a second prize of $100 will be awarded.
http://www.phanyc.org/about/awards.html

National Institutes of Health
Purpose: The National Research Service Award Pre-doctoral Fellowship for Minority Students will provide up to five years of support for research training leading to the Ph.D. or equivalent research degree; the combined M.D./Ph.D. degree; or other combined professional degree and research doctoral degree in the biomedical, behavioral sciences, or health services research. These fellowships are designed to enhance the racial and ethnic diversity of the biomedical, behavioral, and health services research labor force in the United States. Accordingly, academic institutions are encouraged to identify and recruit students from underrepresented racial and ethnic groups who can apply for this fellowship. Support is NOT available for individuals enrolled in medical or other professional schools UNLESS they are also enrolled in a combined professional doctorate/Ph.D. degree program in biomedical, behavioral, or health services research.
http://grants1.nih.gov/grants/guide/pa-files/PA-00-069.html

National Institutes of Health
National Research Service Awards for Individual Predoctoral Fellows
The National Institute on Alcohol Abuse and Alcoholism (NIAAA), the National Institute on Deafness and Other Communication Disorders (NIDCD), the National Institute on Drug Abuse (NIDA), the National Institute of Mental Health (NIMH), and the National Institute of Neurological Disorders and Stroke (NINDS) of the National Institutes of Health (NIH) provide National Research Service Awards (NRSAs) to individuals for doctoral-level training. These Institutes award NRSA individual pre-doctoral fellowships (F31) to promising applicants with the potential to become productive, independent investigators in the scientific mission areas of these Institutes. This program will provide pre-doctoral training support for doctoral candidates that have successfully completed their comprehensive examinations or the equivalent by the time of award and will be performing dissertation research and training.
The following are prizes for doctoral students awarded by SMS. Students may submit articles for the Elinson award. Faculty nominate students for the remaining awards.

**Elinson Prize**

For a published article by SMS students that best exemplifies sociomedical research. To be eligible, the article must be published or accepted for publication in a peer reviewed journal. The student must be the sole or first author. The article must have been written while in the Department and the student’s SMS affiliation is explicitly acknowledged in article. A prize winner is not eligible to complete in the year following the award.

**Litwak Prize**

For the best dissertation proposal submitted by an SMS Doctoral Student. Candidates for the Litwak Prize are nominated by the student’s proposal defense committee. They should be in the upper 25% of all dissertation proposals and a member of a committee must submit a brief nominating statement outlining the merits of the proposal for this prize.

**Benton Prize**

For the dissertation that best exemplifies application of Sociomedical Science Research to Public Health Practice or Policy. Eligible applications are SMS students who successfully defended their Dissertation in the preceding year. Candidates for the Benton prize are unanimously nominated by their dissertation committee as among the top 25% of all SMS dissertations. A member of the committee must submit a brief nominating statement outlining the merits of the dissertation for this prize.

**Barbara Dohrenwend Prize**

For an outstanding published or unpublished work by an MSPH doctoral student that represents an important advance in sociomedical science research or theory. To be eligible the work must have been completed within the past year and a faculty member must submit a letter of nomination to the Department.

Student work eligible for these prizes must have been completed and nominations submitted during the year ending March 31.
APPENDIX G

FACULTY RESEARCH INTERESTS

Abraido-Lanza, Ana (afl7), Associate Professor of Sociomedical Sciences (Ph.D. - Psychology). The health of Latino populations in the United States; socioeconomic status and health; breast and cervical cancer screening; acculturation theory; psychological adjustment to chronic illness, especially arthritis; psychological thriving; social support and coping with illness; social roles and identity theory; health disparities between Latinos and non-Latino whites.

Aidala, Angela (aaa1), Associate Research Scientist (Ph.D. - Sociology). Micro (individual dispositions, beliefs, choices) and macro (cultural systems, economic structures) interlinkages in the etiology and impact of drug use, health, and illness behaviors; the family and intergenerational relations; research methodology.

Allegrante, John P. (jpa1), Adjunct Professor of Sociomedical Sciences (Ph.D. - Health Education and Sociology). Health behavior and health outcomes in chronic disease; health education in schools and patient-care settings; health promotion policy; interdisciplinary applied behavioral research; public health education workforce development and continuing education.

Bayer, Ronald (rb8), Professor of Sociomedical Sciences (Ph.D. - Political Science). Ethical and social policy issues in health; AIDS and screening for AIDS.

Caton, Carol (clc3), Professor of Clinical Sociomedical Sciences (in Psychiatry) (Ph.D. - Sociology). Epidemiology of homelessness, drug use, and severe mental illness, psychosocial and family studies of people with severe mental illness; evaluation of community mental health and substance abuse treatment programs.

Colgrove, James (jc988), Associate Professor (Ph.D. – Sociomedical Sciences), History of vaccination; history of government responsibility for public health; the relationship between individual rights and communal responsibilities from the 19th century to the present; the role of the law and other forms of coercion in public health; ethical issues in public health; harm reduction and substance use policy.

Fairchild, Amy (alf4), Professor of Sociomedical Sciences (Ph.D., MPH). Program in the History of Public Health & Medicine: history and ethics of public health policy (AIDS, TB, immigration, surveillance, harm reduction); the illness experience (polio, leprosy).

Fullilove, Mindy (mf29), Professor of Clinical Psychiatry and Clinical Sociomedical Sciences (M.D.). Relationship between the structure of cities and the health of populations.

Fullilove, Robert (ref5), Professor of Clinical Sociomedical Sciences (Ed.D. - Teachers College). AIDS epidemiology effects of racism on health; educational achievement; drug abuse and AIDS risk behaviors.

Hernandez, Diana (dh2494), Assistant Professor of Sociomedical Sciences (PhD-Sociology). Areas of poverty and social inequality; race, ethnicity and immigration; health, law and public policy and qualitative methods and evaluation.

Hirsch, Jennifer S. (jsh2124), Professor of Sociomedical Sciences (Ph.D. - Anthropology and Population Dynamics). Gender, sexuality, and reproductive health; U.S.-Mexico migration and transnational communities; HIV/AIDS (heterosexual transmission, cultural and political-economic approaches); the application of anthropological theory and methods in public health.

Hopper, Kim (hopper@nki.rfmh.org), Professor of Clinical Sociomedical Sciences (Ph.D. - Sociomedical Sciences/Medical Anthropology). Homelessness; the "de facto" public mental health system; recovery from severe psychiatric disorders; ethnographic methods; ethics and research.
Kandel, Denise (dbk2), Professor of Sociomedical Sciences (in Psychiatry) (Ph.D. - Sociology). Epidemiology, antecedents and consequences of drug use and dependence, in particular tobacco; ethnic differences in smoking; effects of prenatal tobacco exposure on offspring conduct problems and substance use; adolescent problem behaviors and psychosocial development; depression in adolescence and early adulthood; interpersonal influences on behavior; cross-cultural studies.

Klitzman, Robert (rlk2), Associate Professor of Clinical Psychiatry (in Sociomedical Sciences) (M.D). Disclosure of HIV status; disclosure and privacy of genetic and other health information; physician-patient communication and relationships; bioethics; cultural and policy responses to epidemics; communication of gay men and lesbians with health professionals; use of club drugs among gay men.

Kunzel, Carol (ck60), Associate Professor of Clinical Sociomedical Sciences and Dental Community Health (Ph.D. - Sociology). Clinician behavior; social-behavioral models of clinical decision-making; diffusion of innovation; adherence to clinical guidelines; early oral cancer detection; access of HIV+ patients to dental care; sociology of the professions.

Lekas, Helen-Maria (hl11), Associate Professor of Clinical Sociomedical Sciences (Ph.D. - Sociology). The impact of class, race and gender on health issues; vulnerable populations, such as, the poor, homeless persons, substance users and those with a mental illness; living with chronic illness with a focus on HIV, cancer and mental illness; ethnography and other qualitative methods.

Link, Bruce (bgl1), Professor of Epidemiology (in Psychiatry) (also Sociomedical Sciences) (Ph.D.). Socioeconomic status and health, the stigma of mental illness, violence and mental disorders; homelessness and health, public conceptions of mental illness.

Markowitz, Gerald (gem67), Adjunct Professor of Sociomedical Sciences (Ph.D. - History). History of occupational and environmental health; history of public health.

Messeri, Peter (pam9), Professor of Clinical Sociomedical Sciences (Ph.D. - Sociology). Relationship between Community health and community level assets and liabilities; evaluation of HIV/AIDS service delivery program; interorganizational theory; evaluation of community level health and disease prevention interventions; health services research; tobacco control; etiology of drug use; homelessness; methods for multilevel analysis and imputation of missing information.

Moon Howard, Joyce (jmh7), Assistant Professor of Sociomedical Sciences (Dr.P.H. - Sociomedical Sciences). Preventive health behavior; housing and health and the impact of community environment on health, especially in minority communities; delivery of health services and evaluation of health programs.

Nathanson, Constance (can2003), Professor of Clinical Sociomedical Sciences (Ph.D. - Sociology). Comparative cross-national politics and sociology of public health; health-related social movements; gender and sexuality; gender and health outcomes; reproductive health; sociology of health and medicine.

Oppenheimer, Gerald (go10), Associate Professor of Clinical Sociomedical Sciences (Ph.D. - History; M.P.H. - Epidemiology). History of HIV/AIDS; history of public health; history of epidemiology, particularly heart disease epidemiology; history of social medicine; history of race and research.

Parker, Richard (rgp11), Professor of Sociomedical Sciences (Ph.D. - Anthropology). Medical anthropology; international health; gender and sexuality; HIV/AIDS; reproductive health and reproductive rights; social movements and community health; Brazil, Latin America and the Caribbean, South Africa, United States.

Phelan, Jo (jcp13), Professor of Sociomedical Sciences (Ph.D. - Sociology). Social and economic inequalities in health and mortality; public attitudes and conceptions about mental illness and homelessness; stigma; social impact of the genetics revolution.
Rosner, David (dr289), Professor of Sociomedical Sciences (also History) (Ph.D. - History). History of public health; history of urban health; race and mental health; occupational and environmental disease; health in New York City; history of hospitals and medical care.

Rothman, Sheila (smr4), Professor of Sociomedical Sciences (in the Center for the Study of Society and Medicine) (Ph.D. - History). Public health genetics; use of race and ethnicity in population genetics; risks and benefits of genetic enhancement; decision-making in organ transplantation; history of tuberculosis and confinement; history of death.

Sandfort, Theodorus (tgs2001), Associate Professor of Clinical Sociomedical Sciences (in Psychiatry; Ph.D. - Social Psychology). Sexuality, gay and lesbian issues; sexual risk behavior; sexual health and sexual health promotion.

Schrimshaw, Eric (es458), Assistant Professor of Sociomedical Sciences (PhD - Psychology). Social relationships and health/well-being; social support and conflict; disclosure and concealment of stigmatized identities; sexual relationships and risk behaviors; adaptation to living with HIV/AIDS; gay, lesbian, bisexual adolescent health and development; behaviorally bisexual men; qualitative and quantitative methodologies.

Siegel, Karolynn (ks420), Professor of Sociomedical Sciences (also Social Work) (Ph.D. - Sociology). Psychosocial oncology; psychological adjustment to chronic or life threatening illness; AIDS; childhood bereavement; stress and coping; illness and mental health; aging.

Sivaramakrishnan, Kavita ( ks2890 ) Assistant Professor of Clinical Sociomedical Sciences (PhD - History) Global health history; international health and politics of disease surveillance; history of public health and society in south Asia; population health politics; historical and comparative perspectives on age and aging; health and volunteering across cultures; history of chronic disease in colonial and contemporary settings, WHO and history of social determinants of health; nonwestern medicine and traditions of ethics, healing and professionalization

Sommer, Marni (ms2778), Assistant Professor of Sociomedical Sciences (DrPH). Gender and sexuality; global health; adolescent health; qualitative and participatory research methods; intersection of puberty and girls' education; Tanzania, Eritrea, sub-Saharan Africa.

Vance, Carole S. (csv1), Associate Clinical Professor of Sociomedical Sciences (Ph.D. - Anthropology; M.P.H. - Epidemiology); Director, Program for the Study of Sexuality, Gender, Health, and Human Rights. Also appointed in Department of Anthropology and Columbia Law School. Sexuality and human rights; medical anthropology; trafficking and migration; sexuality and policy; sexual representation; sexuality and globalization; ethnographic methods; gender and health; United States; India.

Wilson, Patrick, Associate Professor of Sociomedical Sciences (PhD – Psychology), community psychology, HIV/AIDS prevention and health promotion in ethnic and sexual minority populations, ecological-level influences to mental and physical health, and program evaluation and community research.
APPENDIX H
USEFUL CONTACTS

AIMS (Addiction Illness: Medical Solutions)
212-305-3989

Center for Student Wellness
212-304-5564 and 212-304-5560
studentwellness@columbia.edu
http://www.cumc.columbia.edu/students/wellness/aboutcsw.html

CUMC IT Services
212-305-4357, option 5
5help@columbia.edu
http://www.cumc.columbia.edu/it/about/service_desk/index.html

Financial Aid - GSAS
gsas-finaid@columbia.edu

Financial Aid - Mailman
212-305-4113
SphFinAid@columbia.edu
http://www.mailman.columbia.edu/prospective-students/financial-aid

Housing Office
212-305-HELP (4357, Option #2)
cumc.housing@columbia.edu
http://www.cumc-housing.columbia.edu/

International Students and Scholars Office (ISSO)
212-854-3587
isso@columbia.edu
http://www.columbia.edu/cu/isso

Office of Disability Services
212-304-7029
disability@columbia.edu
http://health.columbia.edu/services/ods

Office of Equal Opportunity and Affirmative Action
212-854-551
http://eoaa.columbia.edu/

Office for Student Affairs
212-342-3128
Ombuds Office
212-304-7026
ombuds@columbia.edu
http://www.columbia.edu/cu/ombuds/contact/

Sexual Violence Prevention and Response Program
212-854-3500
http://www.health.columbia.edu/docs/services/svprp/index.html

SMS Office for Doctoral Student Concerns
Jo Phelan, Director
jcp13@columbia.edu

Student Health
212-305-3400
http://www.cumc.columbia.edu/student/health/

Student Services for Gender-Based and Sexual Misconduct
212-854-1717
http://eoaa.columbia.edu/contacts
# APPENDIX I
## SMS PhD Tracking Sheet

**Student** ____________________________________ **Advisor** ______________ **Concentration** ____________

**Admitted** ______________ **BA** ____________________________________

**MA** _____________________ **Research Interests** ____________________________

### Program Requirement Checklist (Coursework 60 credit minimum)

<table>
<thead>
<tr>
<th>Course (credits given)</th>
<th>Semester Planned</th>
<th>Semester Taken</th>
<th>Grade</th>
<th>Credits Earned</th>
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<tr>
<td>Biostatistics P6103 or P6104 (3)</td>
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<tr>
<td>Epidemiology P6400 (3)</td>
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**Core SMS Requirements**  
Choose 2 of the following 5:

- Medical Sociology P8704 (3)
- Medical Anthropology P8755 (3)
- Health Psychology P8767 (3)
- Social History of Public Health P8773 (3)
- Introduction to Health Economics P6503 (3)

**SMS Doctoral Seminar: P8745 + Discussion Section** (3) (Fall)

**SMS Doctoral Seminar: Contemporary Debates in SMS** P8789 (3) (Spring)

**Qualitative Methods** (1 semester minimum)

**Quantitative Methods** (1 semester minimum)

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<td>Elective 2 (3)</td>
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**Social Science Requirements** (30 credits)

**TOTAL CREDITS EARNED** (60 needed)
Advanced Standing Granted: ____________ RU’s ____________ Credits ____________

Dissertation Proposal: __________________________________________________________
____________________________________________________________________________
____________________________________________________________________________

Committee: __________________________________________ _____________________
Sponsor ______________________________________________________________________
Chair _______________________________________________________________________

Date presented to committee: ________ Approved:  ☐ Yes  ☐ No  ☐ Provisional

Dissertation __________________________________________________________________
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Date & time of defense: _______________________  Place _______________________

Committee: __________________________ __________________ _______ ____________________
Sponsor ___________________________ __________________________
Chair _____________________________

Qualifying Exams Date Taken Examiners
SMS Methods (written) __________ _______
Health Behavior (oral) __________ _____
Health Systems (oral) __________ _____
Social Science __________ _______
Language __________ _______

Nominated for the Litwak Prize? ☐ Yes ☐ No
Nominated for the Benton Prize? ☐ Yes ☐ No
APPENDIX J
DrPH Tracking Sheet

Student_________________________  Advisor________________________________
Admitted________________________  MPH__________________________________
Research Interests___________________________________________________________

Program Requirement Checklist (Coursework 30 credit minimum)

<table>
<thead>
<tr>
<th>Course (credits given)</th>
<th>Semester Planned</th>
<th>Semester Taken</th>
<th>Grade</th>
<th>Credits Earned</th>
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<td><strong>TOTAL CREDITS EARNED</strong> (30 needed)</td>
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Dissertation Proposal: 


Committee: ___________________________________________  ___________________________________________
Sponsor: ___________________________________________
Chair: ___________________________________________

Date presented to committee: __________ Approved: ☐ Yes ☐ No ☐ Provisional

Dissertation: 


Date & time of defense: __________ Place: ___________________________________________

Committee: ___________________________________________  ___________________________________________
Sponsor: ___________________________________________
Chair: ___________________________________________

Qualifying Exams Date Taken Examiner

SMS Methods (written) __________ Examiner: _______________________
Health Behavior (oral) __________ Examiner: _______________________
Health Systems (oral) __________ Examiner: _______________________

Nominated for the Litwak Prize? ☐ Yes ☐ No
Nominated for the Benton Prize? ☐ Yes ☐ No