



Graduate Group in City and Regional Planning  
School of Design  
University of Pennsylvania

# City and Regional Planning Doctoral Student Handbook

Including Regulations Governing the PhD Program

Revised 2016



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## I. INTRODUCTION

Welcome to the PhD program in City and Regional Planning at the University of Pennsylvania. Penn has offered a doctorate since the early 1950s. Its first recipient, Herbert Gans '57, now professor emeritus, Columbia University, had a distinguished scholarly career from the publication of his first book, *The Urban Villagers Group and Class in the Life of Italian-Americans* (The Free Press, 1962) to the present, having authored *Imagining America in 2033: How the Country Put Itself Together after Bush* (University of Michigan Press, 2008) more than fifty years after his graduation.

More recent graduates are working all over the world. They include Nisha Botschwey, '03, Associate Professor of City and Regional Planning, Georgia Institute of Technology; Khaled Tarabieh, '09, Assistant Professor of Sustainable Design, American University of Cairo; Stephanie Ryberg, '10, Associate Professor of Urban Studies, Cleveland State University; Sisi Liang, '11, Assistant Professor of Planning, Tsinghua University, Evangeline Linkous '12 Assistant Professor of Urban and Regional Planning, University of South Florida, Stuart Andreason, '14 Senior Community and Economic Development Advisor, Federal Reserve Bank of Atlanta, Catherine Brinkley '13 (DVM, '15), Assistant Professor of Community and Economic Development, University of California, Davis, Amber Woodburn, '16, Assistant Professor of City and Regional Planning, Ohio State University. As you may imagine, Penn's more than 300 graduates have made important contributions to the field, working in academia and other research institutions. (See Appendix A.) In a few years, your name will be on this list and we expect that you will be among the leaders of the profession.

This *Handbook* will assist you in making your years at Penn productive. The first eight sections map the requirements of the doctoral program in City and Regional Planning. The remaining sections provide other reference material including a list of the members of the Graduate Group Faculty (Appendix B), a bibliography of representative faculty publications (Appendix C), a student directory (Appendix D), several important documents (Appendices F and G) and copies of required forms (Appendices E, H and I). Governing all your work, however, is the set of university rules established by the Graduate Council of Faculties, *Graduate Rules and Policies* <https://provost.upenn.edu/policies/pennbook/2013/02/13/academic-rules-for-phds-and-research-master-s-degrees>. In addition, the School of Design Student Handbook covers school-specific issues [http://www.design.upenn.edu/sites/default/files/uploads/2016-2017\\_PennDesign\\_Student\\_Handbook\\_updated\\_8-8-16.pdf](http://www.design.upenn.edu/sites/default/files/uploads/2016-2017_PennDesign_Student_Handbook_updated_8-8-16.pdf).

### ***Program Goals and Expectations***

Penn's PhD program in City and Regional Planning has a straightforward objective: to train exceptional thought-leaders in the field for productive careers in academia or policy development fields. To this end, the Graduate Group aims to ensure your acquisition of strong research and communication skills. It is also committed to cultivating enduring faculty/student mentoring relationships and collegial networking among your peers, including other PhD students in urban-focused disciplines. An integral part of this process is the doctoral advising system, whose description is in Part II. As a doctoral student, you control the pace and timing of your work. However, the Graduate Group is here to help you. Maintain regular contact with the Graduate Group Chair (GGC), Eugénie Birch (with whom you should meet four times a year at the beginning and end of each semester), and with your advisors, once selected, at all stages of your

program. Remember to keep your contact information up-to-date in Penn-in-Touch and with the Graduate Group Secretary, Roslynn Carter.

Earning your doctorate, requires completion of four steps: 1. Coursework, 2. Preparatory Requirements, 3. Qualifying/Candidacy Examination and 4. Dissertation. Part III. details these elements Table 1 below summarizes the program.

**Table 1 Overview of PhD Requirements and Schedule**  
(See Appendix E for PhD check list)

<b>Task</b>	<b>Requirement</b>
<b>Matriculation</b>	Full-time until completion of degree. Total time allowable 10 years (five years to advance to candidacy, five years to complete and defend dissertation)
<b>Coursework</b>	20 course units, to be completed in first 5 semesters, taken at the rate of 4 course units/semester, and including:
Doctoral Seminar	4 course units taken in first 4 semesters
Research Methods	2 course units
<b>Preparatory Requirements</b>	(see below) to be completed in the first 5 semesters and including:
<b>Writing and Presentation</b>	4 written assignments completed in the first 4 semesters
Review essay	First semester Doctoral Seminar
First year paper	Second semester Doctoral Seminar
Second year paper	Third semester Doctoral Seminar
Draft dissertation proposal	Fourth semester Doctoral Seminar
<b>Scholarly Preparation</b>	4 semesters plus orientation and jury service
Research Assistantship	Two semesters
Teaching Assistantship	Two semesters
TA orientation	Attend session summer after the first year of full-time study
<b>Masters Juries</b>	Serve on 4 masters candidates studio or workshop juries
<b>Qualifying Examination</b>	Written examination on History and Theory of Planning to be taken by the third semester of full-time study
<b>Candidacy Examination</b>	Three part written and oral examination to be completed by 5 <sup>th</sup> semester
Two Field Examinations	Written examinations to be completed by the beginning of the 5 <sup>th</sup> semester of full-time study, taken in a 21 day period
Oral Examination	Oral defense of the history and theory and two field examinations and discussion of draft dissertation proposal within 3 weeks of completing the last field examination,
Acceptance of Dissertation Proposal	To be completed by the first week of October, fifth semester of full-time study.
<b>Apply for A.M. degree</b>	All students who advance to candidacy are eligible to earn an A.M. Apply to <a href="http://fusion.sas.upenn.edu/degree/app-start.php">http://fusion.sas.upenn.edu/degree/app-start.php</a>
<b>Annual Meetings of Dissertation Committee</b>	All candidates must meet annually with dissertation committee until thesis is completed. All candidates must submit first full draft of dissertation two months in advance of deposit date (advisors will comment within three weeks); submit second draft of dissertation, one month in advance of deposit date (advisor will comment within two weeks); submit third draft (if required) one week in advance of defense.
<b>Dissertation Defense</b>	Candidate defends thesis in front of dissertation committee
<b>PhD Colloquium</b>	Public presentation of thesis findings
<b>Dissertation Deposit</b>	Pursuant to university rules

## II. PROGRAM ADVISING

## **Overview**

During your doctoral studies, the GGC will serve as your overall advisor, assisting you in outlining a course of study, evaluating prior coursework for transfer credit and approving key performance milestones. In your first year, you should initiate meetings with Graduate Group faculty whose scholarly interests coincide with yours, aiming to formulate your examination areas and dissertation topic. (See below.) You should begin these conversations early and, even though you may not have a fully-developed dissertation proposal in mind, the process of discussing your ideas will aid in defining your research focus.

By the end of your first year and with the approval of the GGC, you should ask one of the members of the Graduate Group to serve as your principal advisor and work with him/her to form your Examination and Dissertation Committees that should be in place by the beginning of your second year (third semester). *When you have reached an agreement with a faculty member to serve as your principal advisor, please ask him or her to indicate his or her willingness to accept this responsibility in a letter to the GGC.*

The Graduate Group as a whole monitors all doctoral students' progress. It meets regularly to review each student's record. For those in coursework, it reviews their progress reports (see Part IV.), qualifying/candidacy examinations status and rates of meeting the preparatory requirements. For candidates (those who have passed the qualifying/candidacy examinations), it reviews their progress reports that include their dissertation schedules and performance. Any student not making satisfactory progress may be asked to withdraw from the program or be advised that such an action is under consideration. The GGC will notify a student in writing of any problems identified in the evaluation. *Should you receive such a letter, you must contact the GGC to discuss how to remedy the situation.*

## **Graduate Group Faculty Interests**

PhD students develop their programs of study with faculty advisors based on common interests and approaches. PennDesign faculty who work closely with PhD students include: Francesca Ammon (Planning History); Eugénie Birch (Urban Revitalization and Global Urbanization); Tom Daniels (Land Use and Environmental Planning, Land Conservation); Stefan Al (Urban Design); Erick Guerra (Transportation); Amy Hillier (Geographic Information Systems and Urban Spatial Analysis); John Landis (Urban Growth Modeling, Housing and Project Development); Randy Mason (Historic Preservation and Preservation Planning); Lisa Servon (Community and Economic Development); Vincent Reina (Housing); Megan Ryerson (Transportation and Planning Methods); Dana Tomlin (Geographic Information Systems); Domenic Vitiello (Community Development, Immigration, Food Security); and Robert Yaro (Regional Planning and Transportation).

Other Graduate Group faculty include: Ram Cnaam (Social Practice and Policy); Janice Madden, Fels School of Government (Regional Science); Tony Smith, School of Engineering and Applied Science (Spatial Analytics); Mark Stern, School of Arts and Sciences (American History, Arts Economic Development); and Susan Wachter, Wharton School of Business (Housing Finance, Real Estate). In addition, PhD students may elect to work with other UPENN faculty chosen in consultation with their advisors. (See Appendix B for the Graduate Group Directory and Appendix C. for sample Faculty Publications.)

### III. THE PROGRAM

#### *Overview*

The PhD program in City and Regional Planning requires successful completion of four steps: ***Coursework, Qualifying/Candidacy Examinations and Dissertation and Preparatory Requirements.*** Table 2 below outlines an ideal schedule. (It assumes transfer of four course units.)

**Table 2. Your PhD Semester by Semester**

	<b>Fall</b>	<b>Spring</b>	<b>Summer</b>
Year 1	Doctoral Seminar I (Review Essay) three classes, Research/Teaching Assistant	Doctoral Seminar II (First Year Paper), three classes, Research Assistant, Jury Service, submit application for transfer credit, select principal advisor and Examination and Dissertation committees	Refine First Year Paper for conference presentation and or publication, TA summer training, begin Second Year Paper
Year 2	Doctoral Seminar III (Second Year Paper), three classes Teaching Assistant, conference presentation, take qualifying examination, jury service	Doctoral Seminar IV (Draft Dissertation Proposal), three classes, field examinations preparation, draft dissertation proposal defense, Research Assistant, Jury Service	Complete field examinations and dissertation proposal, attend ACSP PhD Workshop or JPER writing workshop (competitive entry), prepare paper for publication
Year 3-4	Complete candidacy requirements, begin dissertation research and writing, conference presentation/publications	Finish dissertation, meeting deadlines for draft submission, defend dissertation, public colloquium, Penn IUR doctoral symposium	

#### *Coursework*

**Timing:** Ideally, you should complete coursework within the first two years (four semesters) depending on transfer credit; qualifying/candidacy examinations within the first two to two and half years (fourth to fifth semesters); preparatory requirements within two and a half years (by the fifth semester) and dissertation within three to four years (fifth to eighth semesters) of your initial enrollment. Although *University regulations require you to advance to candidacy within five years of matriculation and to complete all requirements for the degree within ten years, the Graduate Group in City and Regional Planning encourages a faster pace.* The descriptions below detail each step and Graduate Group performance expectations.

**Course units:** You complete 20 course units during two and half years of full-time study at the rate of four course units per semester, or a shorter time depending on transfer credit (see “Transfer Credit” below). The Graduate Group in City and Regional Planning does not designate a formal list of required courses other than the Doctoral Seminar, research methods and field courses (see below), but allows you to work with the GGC and your principal advisor to develop a study plan consistent with your research and future teaching interests.

**Doctoral Seminar:** You enroll in four (4) course units of CPLN 800 Doctoral Seminar in four consecutive semesters beginning with your initial enrollment in the program. This seminar explores how scholars define and answer important research questions and assists you in developing your research agendas, including selecting your dissertation topic and crafting your draft thesis proposal. Through its guest lecturer series, the seminar reviews cutting-edge research in City and Regional Planning. It also affords you the opportunity to discuss your research with your peers and Graduate Group Faculty. Finally, it addresses a number of issues not covered by other methods and substantive courses including a critical analysis of the varied forms of scholarly writing.

**Research Methods:** You also take and pass with a grade of B or better two (2) graduate-level methods courses relevant to your proposed field of research identified and submitted to the GGC on **Form 1b**. The Graduate Group maintains a list of courses in quantitative and qualitative methods and spatial analytics offered in various schools of the University. The GGC must approve your selection. (Although you may fulfill this requirement by waiver examination or transfer of credit for prior coursework, you will need to present evidence of strong methodology training to secure GGC for approval.)

**Field Courses** You must take two courses in each of two areas for which you will take field examinations. You must take one course from an instructor who will sit on your examining committee and supervise your field examination.

**General Considerations** The Graduate Group requires that instructors in courses that satisfy your coursework requirements hold a PhD degree or be members of the Standing or Associated Faculty. The GGC will handle requests for exceptions to this rule on a case-by-case basis. If you enroll in masters-level courses in any school, you must complete assignments of greater scope and depth than the lower-level students. *If your instructor is unaware of this requirement, please inform him or her and make appropriate arrangements.*

You must maintain an overall GPA equal to or greater than 3.00 in all coursework. If you earn a grade lower than B- in a course, you cannot apply it to the 20 course-unit requirement. If at any point during your coursework, your GPA falls below 3.00, you will be ineligible to continue as a doctoral student and dropped from the Program. If you incur two or more grades of Incomplete (I) you will be permitted to register for four (4) courses minus the number of incomplete courses in subsequent semesters until you extinguish the incomplete grade(s).

**Transfer Credit:** If you have completed graduate work prior to entering the City and Regional Planning doctoral program, you may request transfer credit for up to four (4) course units for classes taken at another university or at Penn. You may request transfer credit after your first year of full-time study. Requests are granted at the discretion of the Graduate Group Chair. Courses must be relevant to your course of study. While credits from professional master's degree courses (e.g., MSW, MCP, MRP, MBA, MARCH) may be transferred for credit towards the PhD, studio course credit is not transferable. Only courses having a grade of B or above will qualify for transfer credit.

Use **Form 1a** to identify the courses and provide background information on the instructors (e.g. PhD., Standing Faculty). Attach course syllabi and your transcript and submit the paperwork to the GGC for approval. (Before submitting the formal request, discuss the prospects for such



transfers with the GGC to determine if the courses are consistent with your course of study.) *You are responsible for filing the signed forms with the Registrar and the Graduate Group Secretary.* Transfer credit is official when it appears on your Penn transcript, viewed through Penn in Touch. Should you encounter any problems related to processing transfer credit, contact the Registrar, School of Design.

## ***Preparatory Requirements***

**Overview:** The Preparatory Requirements (Writing and Presentation and Scholarly Preparation), provide experience in scholarly writing, research and instruction and assist you in the timely completion of your degree. You should complete the requirements within two and a half years (five semesters) of full-time study. The GGC will work with you to accommodate them in your program.

**Writing and Presentation:** Possessing clear writing and associated analytical skills are essential for your career as a graduate student and later, scholar and researcher. The Writing and Presentation requirement is a systematic approach to strengthening your abilities in these areas. It has four elements:

- a. *Review Essay* assessing the state of scholarship related to your primary research interest to be written and presented in your first semester to the Doctoral Seminar (**Form 2**).
- b. *First Year Paper* scoping a problem in your area of the primary interest through a literature review to be presented to the Doctoral Seminar during the second semester of full-time study (**Form 2a**). You begin it under the guidance of the Doctoral Seminar instructor and also work with other Graduate Group faculty. The paper is a literature review that allows you to identify gaps in knowledge, to begin to formulate a researchable questions around a particular issue and devise a research design to explore that question.
- c. *Second Year Paper* containing original research of publishable quality in your area of interest to be presented at Doctoral Seminar in your third semester of full-time study (**Form 2b**). Ideally, this paper will evolve from the *Review Essay and First Year Paper*. As you undertake this paper, you should be working with the Doctoral Seminar instructor and your principal advisor because this paper will be the foundation of your dissertation. *Given the significance of the requirement, you should begin working on it in the summer between your first and second years.* You are also expected to submit your Second-Year Paper (or some equivalent research) for presentation at an academic conference by the Fall of your third year. If your paper is accepted for presentation, the Graduate Group will cover your travel expenses to the conference.
- d. *Draft Dissertation Proposal* You will present a draft dissertation proposal to the Doctoral Seminar in your fourth semester (Form 2 c). By this time, you will be working with your principal advisor who is serving as the chair of your Examination and Dissertation committees. (See below.)

**Scholarly Preparation:** The faculty cultivates enduring mentoring relationships with you through your serving four semesters as a Research Assistant (RA) or Teaching Assistant (TA). The RA and TA positions require, on average, ten hours a week of work. Ordinarily, you will

begin your assistantship in your first year (first semester) of full-time study and complete it in your third year (fifth semester). The GGC and you will determine the assignments. Submit the appropriate forms as you complete your RA (**Form 3a**) and TA (**Form 3b**) assignments. After your first year you are required to attend the three-day Teaching Assistant Workshop sponsored by the Center for Teaching and Learning, School of Arts and Sciences (**Form 3c**). Finally, you will serve on masters' students' juries at least four times in your four semesters of full-time study (**Form 3d**).

*CTL Teaching Certificate* You may opt to earn a CTL Teaching Certificate from Penn's Center for Teaching and Learning. While you will be very busy in pursuing your research, teaching is a vital component of an academic career. Pursuing this certificate not only offers you a means to reflect on what constitute excellent teaching and to enhance your own pedagogical skills but also to add to your own qualifications when you begin your job search. Requirements are: completion of five CLT-approved workshops, completion of two semesters as a teaching assistant, an observation and review of a full teaching session, development of a statement of teaching philosophy. For more information see: <http://www.ctl.sas.upenn.edu/grad/certificate.html>

**You may also apply for the Graduate Urban Studies Certificate.** The Graduate Urban Studies Program offers a Certificate in Urban Studies to be taken in conjunction with a PhD offered by the University through one of the disciplines or professional schools. It is aimed at students who want to augment their disciplinary studies to address urban topics or problems from an interdisciplinary perspective. The Program draws on faculty and encourages course-taking from the various departments of the School of Arts and Sciences and other schools of the University. Our students' interests have focused on many areas of the world and include: housing, employment, economic development, finance, social welfare, poverty, education, community organization, history, ethnicity, culture, family, architecture, urban design, planning, law, and policy. For more information, see: <http://www.sas.upenn.edu/urban/students/graduate-certificate>

### ***Qualifying/Candidacy Examinations***

**Overview:** By the end of your third semester you will begin the first part of the Qualifying/Candidacy Examinations and, hopefully, complete the last part, the oral examination, at the beginning of your fifth semester of full-time study. Fulfillment of the Qualifying/Candidacy Examinations indicates your mastery of three areas of expertise in City and Regional Planning and demonstrates your readiness to undertake your dissertation. (**Forms 4-8** apply to this area.) It has five parts:

- a. *Written History and Theory of City Planning examination* taken by the third semester of full-time study; this constitutes the qualifying examination that at the end of the second year of full-time study is considered along with your coursework performance in determining your continuation in the program (**Form 4**);
- b. *Written field examinations in each of two areas*, taken within a three-week (21 day) window and completed by the beginning of your fifth semester of full-time study (**Form 4**). (In defining fields, you work with your advisors and also take a least two courses in a given field.) The examinations will cover:
  1. A definable field in City and Regional Planning or related discipline and
  2. An area of City and Regional Planning directly related, but not limited, to your proposed dissertation;

- c. *A draft dissertation proposal presented to the Examination Committee/Dissertation Committee three weeks prior to sitting for the written field examinations (b. above);*
- d. *An oral examination covering the written examinations and a discussion of the dissertation proposal to be scheduled within three weeks of completing the written field examinations with your Examination Committee; your Dissertation Committee will also attend to discuss your proposal (Form 5);*
- e. *An oral defense of the dissertation proposal before your Dissertation Committee to be completed within at the beginning of the fifth semester of full-time study, if not sooner (Form 6).*

To begin the process, meet with the GGC by the end of your second semester of full-time study to schedule your Qualifying/Candidacy Examinations. In consultation with the GGC and your principal advisor, you should select the areas for your two field examinations, keeping two goals in mind: 1. developing competence in an instructional area; 2. supporting your dissertation research.

Next, form your Examination and Dissertation Committees. The GGC and your principal advisor will help you identify appropriate faculty to serve on both. You should initiate discussions with your committee members to delineate the subject matter of your field examinations and your thesis. *Finally, secure GGC written approval of the composition of both these committees before sitting for your qualifying examinations.* Form your committees according to the rules outlined below.

**The Examination Committee** has three faculty members, two of whom must be members of the Graduate Group in City and Regional Planning, and the third, if not a member of the Graduate Group, must be a member of the University Faculty. You should have taken at least one formal course or independent study with each of the Examination Committee members. One of your Examination Committee members should administer the qualifying examination in history and theory. One member, usually the chair of your Dissertation Committee, should chair this committee.

**The Dissertation Committee** has three faculty members, one of whom is the chair or dissertation supervisor, the other two are readers. The chair of this committee must be a member of the Graduate Group. He or she also chairs the Examination Committee. The Dissertation Committee must contain at least two members of the Examination Committee. At least two members of the Dissertation Committee must be members of the Graduate Group. The third member of the Dissertation Committee will usually be a member of the University Faculty, though with the approval of the Dissertation Supervisor and the GGC, an outside person with special knowledge and with the appropriate academic qualifications can be appointed

**Form of the Candidacy (Field) Examination:** The written examinations take one of several forms. For example, your examiner may ask you to prepare a professional-paper length essay, or a research proposal over a period of a week, or a lecture-length essay over several days. He or she may ask you to take a several-hour written “classroom” type of examination, consisting of a set of questions. Regardless of its form, your examiners will ask you to demonstrate an ability to 1) describe and assess the literature of the field, 2) deal critically with major issues, and 3) conceptualize and organize research.

**Form of Dissertation Proposal:** Your dissertation proposal should follow the format described in Appendix F. It has the following components; title, abstract, introduction, a literature review that positions your research question, statement of the problem or research question, your hypotheses (if applicable), your research design, proposed table of contents (with short descriptions of anticipated contents of the chapters) and bibliography and an anticipated timeline for delivery of the first, second and third drafts.

**Grading Outcomes and Notification:** Your Examination Committee will grade your examinations (written and oral) separately as A+, A, A-, B+, B. Any grade below B is a failure. In the event that you fail the *Qualifying Examination*, you will not be allowed to proceed with your doctoral program. In the event that you fail one of the field examinations, you may retake that exam **once** again, within two (2) months. If you should fail two field examinations, you will be dismissed from the program.

At the oral defense of your dissertation proposal, your Dissertation Committee will accept, ask for revisions or reject it. *In the latter case, you have one (1) month from the time of the oral examination to make modifications to the proposal and obtain its acceptance by the Committee.* If you do not secure approval of your proposal within this time period, you will be awarded the A.M. degree as a terminal degree.

When you have completed all parts of the Qualifying/Candidacy Examinations, you have earned the A.M degree and are ready to write your dissertation. *(If you wish to receive the A.M. degree, you must apply for the degree with the Graduate Office at <http://fusion.sas.upenn.edu/degree/app-start.php>.* Should you pass all parts and decide not to write a dissertation you may elect to receive the A.M. as a terminal degree (**Form 7**).

When you have passed the Qualifying/Candidacy Examinations, you will become a PhD candidate and qualify for the reduced tuition rate (**Form 8**). The Graduate Group urges you to complete your dissertation within the next two years so that you can advance to the next stage in your career. (University rules mandate its completion within ten years of your initial matriculation.)

At the conclusion of Qualifying Candidacy Examinations, the GGC will notify you in writing about the outcome. (Your Examination Committee and Dissertation Committee will give you their decision verbally at the time of the oral examination and the GGC will follow-up by letter.) You are responsible for filing the following forms indicating your success with the Graduate Group Secretary and the PennDesign Registrar. After the oral Qualifying/Field Examination, submit **Form 5**, after your oral dissertation proposal defense, submit **Form 6** and **Form 8** (University of Pennsylvania. Form 150).

## ***Dissertation***

Your dissertation is an original piece of research of publishable quality that focuses on an important, currently unanswered question. Your Dissertation Committee supervises your dissertation from its proposal to its completion. You should meet with your Dissertation chair at least two (2) times per year and with your whole Committee annually (by June 1 of the year in question). Prior to the committee meeting, you should submit your Annual Dissertation Report (**Form 9**) to the Committee and afterwards, obtain your Committee members' signatures and submit the form to the GGC. If a problem appears with the pace of your progress, the GGC will arrange a conference to discuss the matter with you and your Dissertation supervisor. *Failure to*

*submit these reports will result in your being dropped from the Program.* The Graduate Group expects that you will write up to three drafts of the dissertation. You will submit the first draft two months in advance of deposit date set by the University; the second draft, one month in advance of the deposit date and the third (and final draft) one week in advance of your defense.

**Dissertation Defense:** You will defend your dissertation to your Committee and, with their approval, offer a public Colloquium afterwards (**Form 11**). Your committee may ask you to make minor revisions to the dissertation before you deposit it with the University. Upon completing your two-part defense, submit to the Graduate Secretary the signed Final Dissertation Report (**Form 10 / U. of P. Form 152**) and (**Form 12 / U. of P. Form 153**) that indicate the acceptance and certification of the dissertation.

**Deposit of Dissertation:** The University has strict regulations concerning dissertations, deadlines for deposit with the university related to graduation dates. (When you submit your dissertation in fulfillment of the requirements for a degree, it becomes the property of the University of Pennsylvania, governed by the University's copyright and patent policies.) Consult the Dissertation Manual found at [www.upenn.edu/grad/DissManual.html](http://www.upenn.edu/grad/DissManual.html) to familiarize yourself with the required format, number of deposit copies and various deadlines that you must meet in order to graduate at a particular time. The schedule is contained in the Degree Calendar at the Graduate Division of Arts and Sciences, College Hall, and is online at [www.sas.upenn.edu/GAS/home/grad&beyond/degree\\_index.html](http://www.sas.upenn.edu/GAS/home/grad&beyond/degree_index.html). You should be aware that the University rigorously enforces its regulations and schedules and makes no exceptions. *It is your responsibility to know these schedules and adhere to them.* Further information is to be found in the University and School of Design regulations, the websites on page 3.

## **IV. ANNUAL PROGRESS REPORTS AND QUALIFICATION EVALUATION**

In your first two years of full-time study, you must submit to the GGC an annual report of your progress, listing your completed courses, fulfillment of the requirements and qualification/candidacy examinations and discussing the evolution of your primary research interest. Ordinarily, you should submit this report prior to your end-of-spring-semester meeting with the GGC, no later than May first of the applicable academic year.

Following the receipt of your second year annual report, the GGC will issue approval of your continuance in the program basing the judgment on your annual reports, the results of your qualifying examination, your transcript and the solicited written opinion of your principal advisor. To be clear: to satisfy the qualifications evaluation, you will have met the agreed upon progress in Coursework, Preparatory Requirements and Qualifying Examination, will have selected your principal advisor and scheduled your field examinations.

## **V. TUITION AND FEES**

You will be responsible for the full tuition plus the general fee regardless of the number of courses registered until you reach candidacy status. Once you have advanced to candidacy you will qualify for the reduced tuition rate plus general fee. In academic year 2016-2017, the tuition schedule is:

Full tuition	\$32,286 /year
General Fees	\$2, 788
Reduced tuition	\$4,034
General Fees	698

## VI. RESIDENCY AND LEAVES

**Continuous registration:** You must be continuously registered unless granted a formal leave of absence by the Dean of the School of Design. A leave of absence will be granted for military duty, medical reasons, and family leave. This leave is typically for up to one year and “stops the clock” on time to completion. Personal leave for other reasons may be granted for up to one year with the approval of the University of Pennsylvania Vice Provost for Education, but it does not automatically change the time limit. Additional requirements for return may be imposed by the Vice Provost for Education. You may not take any degree examinations while you are on leave of absence. A student without an approved leave of absence who fails to register each semester will be considered to have withdrawn from candidacy for the degree; approval by the Vice Provost for Education and recertification are required for reinstatement. Dissertation registration takes place in the fall and spring semesters. Dissertation students who are candidates for August degree remain full-time students through August 31st without summer registration.

**Policy on childbirth and adoption accommodation for PhD. students:** You are eligible for an eight week leave for the birth or adoption of a child. You must notify the GGC and your dissertation supervisor in writing, at an early date, of your plans to initiate this period, so that appropriate arrangements can be made to cover any teaching/research responsibilities. Normally this period commences within two weeks of the birth or adoption. During the period, you remain enrolled full-time. In order to facilitate a rapid return, you may participate in the program as fully as you deem appropriate. By remaining on full-time status, your visa status and loan repayment schedules, if any, will remain unchanged. You are entitled to academic accommodation including relief from academic requirements, such as postponement of exams and course requirements. If you are receiving stipend support, you are entitled to continuation of support during the period as follows: 1.) If you are receiving stipends from University/school funds, you are entitled to draw support for eight weeks during the academic year. 2.) If you are funded by government grants or other external funding sources, you are entitled to benefits as determined by the funding agency.

**Family Leave of Absence policy:** You may take an unpaid Family Leave of Absence for the birth or adoption of a child, child care, or care of an immediate family member (spouse, domestic partner, child, or parent) with a serious health condition. You may take a Family Leave of Absence for one or two semesters. You must notify the graduate group chair and adviser in writing of your plans to take a Family Leave at an early date, so that appropriate arrangements can be made to cover any teaching/research responsibilities. Family Leave "stops the clock" on your academic requirements, including scholarly preparations requirements, for the duration of the leave. During the period of Family Leave, you may arrange to continue Student Health Insurance, but you will be responsible for the payment of your premiums. Upon paying a fee, students on approved Family Leave will retain their PennCard, e-mail accounts, library privileges, and building access. Funding commitments from the institution are deferred until you return from

Family Leave. If you are receiving funding from external sources, such as government grants, you are subject to the conditions established by the funding source. You will meet your service requirements (e.g., teaching, research) following return from Family Leave. Requests for extension of Family Leave beyond one year, or for repeated Family Leaves, may be made. Approval of an extension, deferral of funding and continued academic accommodation is at the discretion of the Graduate Dean.

*\*IMPORTANT: If you anticipate adding a dependent (e.g., newborn) to your Penn Student Insurance Policy while on Family Leave, you must remain in ACTIVE student status at the start of the fall semester. Students should arrange with their school/division to maintain full-time student status for at least 31 days from the start of fall classes, after which time the Family Leave status can be recorded in the Student Records System. After the birth/adoption, contact the SHS Insurance Coordinator to ascertain fees and enroll the dependent. The premium for dependent coverage is payable directly to Aetna Student Health.*

## **VII. Exchange Scholar Program**

The University of Pennsylvania is a member of a ten-university consortium that allows doctoral students to enroll for up to one year at one of the participating institutions: Brown, Columbia, Cornell, Harvard, MIT, Princeton, Stanford, University of California-Berkeley, University of Chicago, or Yale. See the GGC for additional information.

## **VII. RECERTIFICATION**

If you have not completed your doctoral work within ten years of your initial matriculation, you may apply to the GGC to recertify your continuing in the program. To receive permission to do so, you must retake and pass the Candidacy Examination and complete and defend your dissertation within one year.

## **VIII. HELPFUL WEBSITES**

If you are relocating for your doctoral program, various Penn offices can be of assistance. And once you are here, Penn's Graduate Student Center will serve as your community center. Penn Health Services will become your health provider when you sign up for the Penn Health Plan. Finally, you should be interested in the general background about West Philadelphia and the work that Penn did in community development. Below are some helpful websites:

For general resource guides for graduate students: <http://www.gsc.upenn.edu/resources/guide/>  
You will be given a hard copy of *The Graduate and Professional Student Resource Guide* during new student orientation.

For off-campus living <http://www.business-services.upenn.edu/offcampusservices/>

For the Graduate Center: <http://www.gsc.upenn.edu/>

For student health services: <http://www.vpul.upenn.edu/shs/>

## APPENDICES



## APPENDIX A. PhD RECIPIENTS 1957 TO PRESENT

1. June '57	Herbert J. Gans	Recreation Planning for Leisure Behavior: A Goal-Oriented Approach
2. Feb '59	Edgar M. Horwood	City Center Goods Movement: An Aspect of Congestion
3. Feb '61	William Nash	A Survey of Housing Rehabilitation Practices and Their Implications for Urban Renewal
4. May '62	Willard Hansen	Residential Extension in a Metropolitan Region: A Regression Analysis of Subregional Development Rates in the Philadelphia Area during the 1940-50 and 1950-56 Periods
5. May '62	Clifford C. Ham	A Study of Building and Decision-Making in Selected Urban Churches with Implications for City Planning
6. Aug. '62	Louis K. Lowenstein	The Spatial Distribution of Residences and Work Places in Urban Areas: An Empirical Study with Special Relevance to the Journey-to-Work
7. May '63	David Popenoe	Costs and Benefits in Urban Renewal Decision: A Study of the Theory of Rational Planning in the Public Sector
8. May '63	Anthony R. Tomazinis	An Investigation on the Basic Assumptions of Urban Location Theories Concerning the Transportation Inputs of Urban Activities
9. May '64	Norman J. Johnson	Harland Bartholomew: His Comprehensive Plans and Science of Planning
10. Dec. '64	Robert E. Coughlin	Hospital Complex Analysis: An Approach for Planning A Metropolitan System of Service Facilities
11. Dec. '64	Ralph A. Gakenheimer	Determinants of Physical Structure in the Peruvian Town of the Sixteenth Century
12. Dec. '64	John Herbert	A Procedure for the Articulation of Complex Development Programming Problems
13. Aug. '65	Naman Jalili	Urban-Rural Development Policies for Iran
14. Aug. '65	Nohad Toulan	Public and Private Costs of Open Space Preservation

15. Dec. '65	John Page	The Development of the Notion of Planning in the United States, 1893-1965
16. May '66	Morris Hill	A Method for Evaluating Alternative Plans: The Goals Achievement Matrix Applied to Transportation Plans
17. Dec. '66	Donald A. Krueckeberg	Toward Optimizing Procedures in Urban Land Use Classification
18. Dec. '66	Paul L. Niebanck	The Relocation of Elderly Persons
19. Dec. '66	Michael A. Stegman	An Analysis and Evaluation of Urban Residential Models and Their Potential Role in City Planning
20. May '67	Grace S. Milgram	The City Expands: A Study of Conversion from Rural to Urban Use, Philadelphia, 1945-1962
21. Aug. '67	Iskandar Gabbour	Travel Cost Variations and The Size of Urban Areas: An Investigation Concerning Urban Land Allocation Theories and Trip Distribution Models
22. Aug. '68	Michel Chevalier	A Strategy of Interest-Based Planning
23. Dec. '68	Charles D. Laidlaw	Linear Programming for Projective Urban Renewal Plan Evaluation
24. Dec. '68	Thabet Zakaria	Transportation Systems Evaluation
25. May '70	Clifford Bragdon	The Unquiet Crisis: Community Noise and the Public Interest
26. Aug. '70	Shaul Amir	The Study of Conflict in Locational Decisions: The Case of the Hudson River Expressway Controversy
27. May '71	David Varady	The Household Migration Decision in Racially Changing Neighborhoods
28. May '71	Austin Tetteh	The Spatial Structure of the Labor Force in Ghana
29. May '71	Jacob Ukeles	A Method for Ranking Urban Resources Priorities: Priority Choice Analysis in Resource Allocation Policy-Making
30. Aug. '71	Michael Seelig	School Site Selection in the Inner City - The Politics of Standards and Requirements
31. Aug. '71	Sammis White	The Potential of Subsidized Job Creation in Reducing Employment Deprivation During a Period of Full Aggregate Employment
32. May '72	Janet Scheff Reiner	Client Analysis and Planning of Public Programs

33. Aug. '72	Edward M. Bergman	Economic Analysis of Exclusionary Zoning: A Case Study of Housing and Employment in Zoning Ordinances of Developing Townships
34. Aug. '72	Christopher Paul McDonald	The Role of Formal Symbolic Representation in Complex Policy Making Processes
35. Aug. '72	Mario Polese	Interregional Migration and Regional Economic Disparity
36. Aug. '72	William G. Wheaton	Income and Urban Location: A Study of American Spatial Demand
37. May '73	Joseph Berechman	Examination of the Efficient Allocation of Urban Public Facilities
38. May '73	Michael Cuthbert	Lewis Mumford and the Culture of Cities: A Historical Presentation and a Cultural Critique
39. May '73	John J. McKenzie	The Impact of Differential Patterns of Participation in Local Churches on Organizational Effectiveness, Planning and Innovation
40. May '73	John Edward Seley	Conflict and Cooperation in Urban Locational Decisions
41. Aug. '73	Louis Rosenberg	New Perspective on Housing Need: A Case Study of the Low-Income Housing Problem in Baltimore, MD
42. Dec. '73	Leonard Heumann	The Definition and Analysis of Stable Integration: The Case of West Mt. Airy, Philadelphia
43. Dec. '73	Joan Hock	The Specification of Criteria for Residuals Management Decisions: The Implementation of a Charge on Sulfur Oxide Emissions
44. May '74	Taner Oc	Assimilation of Displaced Rural Migrants in Istanbul and in Samsun, and the Role of Mass Media in this Process
45. May '74	Bruce Frankel	The Relationship between Economic Inequality and Immobility as a Social Indicator: The Process by which Education Inter-generationally Transfers Economic Opportunities
46. Dec. '74	Allan M. Shoff	The Impact of Citizen Participation on Community Mental Health Planning

47. May '75	Marc Los	Simultaneous Optimization of Land Use and Transportation in New Town Design: A Combinatorial Programming Approach
48. May '75	Dimitrios Dendrinos	A Dynamic General Market Equilibrium Model of Urban Form
49. Aug. '75	Aleksandros Anas	Spatial Growth and Dynamics in the Urban Housing Market
50. Aug. '75	Eric Roberto Weiss-Altaner	Population Pressure and Labor Absorption in Chilean Agriculture 1910-1960
51. Aug. '75	Kenneth Paul Ballard	An Area-Interactive Econometric Forecasting Model
52. Aug. '75	Konrad Kasian Kalba	A Case Study in Technological Innovation and Community Decision-Making
53. Dec. '75	Edward Balassanian	Planning Social Leadership: A Conceptual Study on Le Corbusier
54. Dec. '75	Bernard S. Bloom	Planning for Surgeon Manpower
55. Dec. '75	Lewis Dean Hopkins	Optimum-Seeking Models for Design of Suburban Land Use Plan
56. Dec. '75	Andrew Mark Isserman	Suburban Land Development and Local Public Finances
57. Dec. '75	Richard Tseng-Yu Lai	Urban Design in Law and Society
58. May '76	Jimmy Michael Cobb	Toward a Behavioral Basis for Urban Planning and Design: Inquiry into Decision Processes and the Psychosocial Costs of Planned Environmental Change
59. May '76	Godwin Odumah	The Spatial Structure of Development in a Contemporary Developing Country: Nigeria
60. May '76	Kenneth Bowman Platt	The Liberal Planning Paradigm as a Strategy of Social Reform: A Radical Critique
61. Aug. '76	Ahmet Acar	External Economies, Concentration, and the Changing Location of Manufacturing Industry: A Case Study of the Minneapolis - St. Paul Metropolitan Area
62. Aug. '76	Erhan Gencer	A Critical Analysis of the Dynamics and the Structure of the Contemporary Metropolis
63. Dec. '76	Philip Clayton	An Exploratory Study of Decision-Making in Two Metropolitan Councils

64. Dec. '76	William A. Cozzens	The Development and Implementation of HUD's Project Selection Criteria - The Impact of Administrative Structure and Behavior on Federal Urban Policy
65. Dec. '76	Arnold A. Goldstein	Planning and Politics in the Suburbs: A Case Study of a Fair Share Housing Plan in Delaware County, PA
66. Dec. '77	Won Yong Kwon	Innovation Diffusion Within Systems of Cities: An Approach in Relation to the Growth Pole Theory
67. May '78	Frederick W. Ducca, Jr.	Retail and Service Employment Location: Simulation, Analysis and Projection
68. May '78	Sandra Green Featherman	A Social Choice Model of Urban Governance
69. May '78	Louis H. Muench	The Private Burden of Urban Social Overhead: A Study of the Informal Low-Income Housing Market of Kampala, Uganda
70. Aug. '78	Norman B. Bliss	A Framework for Comparing Planning Models Involving Discrete Classifications
71. Aug. '78	Mary F. Cotton	On the Assessment of Excessive Hospitalization: A Study of a Medicaid Population
72. Dec. '78	Marion B. Fox	Time Allocation in Planning and Policy Making for Working Women and Their Households: A Social Indicator Study
73. Dec. '78	Harvey A. Goldstein	Labor and Housing Market Segmentation and Planning
74. Dec. '78	Sue S. Moyerman	Curriculum Planning and Curriculum Relevance in the Health Care Administration Programs
75. Dec. '78	Yukio Oguri	A Metropolitan Residential Relocation Model for the Evaluation of Housing Policies of the Tokyo Region
76. May '79	Meir Gross	The Impact of Transportation and Land Use Policies on Urban Air Quality
77. May '79	Michael Harvey Zisser	The Design of a Public Policy: National Land Use Planning and Organizational Theory
78. Aug. '79	Emmanuel K.A. Tamakloe	Social Welfare and Equity Considerations in Regional Transportation Investment Policies

79. Aug. '79	Robert H. Wilson	The Political Economy of Regional Development and Urbanization: The Case of Brazil's Northeast
80. May '80	Morton B. Gulak	The Effect of Political Structure on Environmental Design Character
81. May '80	EsraFill Kasraie	Analysis of Socio-Economic Interactions in India and Iran, with Reference to National, Rural and Urban Manpower Policies
82. May '80	Boris Odynocki	Planning the National Health Insurance Policy
83. Dec. '80	Cheryl A. Lieberman	Developing a Concept of Fit: A Case Study in Staff Training
84. Dec. '80	Hubert Nyame-Mensah	The Linkage Order and Importance Concept: An Alternative Approach to the Evaluation of Regional Transportation Investment
85. May '81	Ariela Neshher	Analysis of the Effects of Public Service Provision on the Quality of Life
86. May '81	Kofi Obeng	Pricing, Subsidy and Efficiency Issues in Urban Public Transportation
87. Aug. '81	Grit Permtanjit	Political Economy of Dependent Capitalist Development: Study on the Limits of the Capacity of the State to Rationalize in Thailand
88. Dec. '81	Chao-I Hsieh	The Development of a Disaggregated Location Model in Taiwan: Taipei and Kaushiung
89. Dec. '81	Arie Neshher	Socio-Cultural Factors in Israeli Public Housing Design
90. Dec. '81	Ruth A. Ruttenberg	The Incorporation of Prospective Technological Changes Into Regulatory Analysis Which Is Used in the Planning of Occupational Safety and Health Regulations
91. May '82	Yoon-Sang Kim	Topics on Calibration of Spatial Interaction Models
92. Dec. '82	Eshetu Abebe	Multiobjective River Basin Planning
93. Dec. '82	Linda Katz Hartman	The Way City Councilmembers Obtain Information
94. Dec. '82	Hanlin Li	The Use of Hierarchical Multi-objective Programming in Urban Transportation Network Design

95. Dec. '82	Rafael Martinez-Monefeldt	Linear Programming Models for the Selection of Optimal Transit Route Structure for a Metropolitan Area
96. Dec. '82	Brian J. McLean	An Interaction Model for Managing Intraplanning Conflict: Based on a Study of the Conflict Between Transportation and Air Quality Planning
97. Dec. '82	Sohiela Noorbakhsh-Khiabani	Adapting Research Methods to Cultural Settings: A Study of the Application of Nominal Group Technique to Iran
98. Dec. '82	Thierry J. Noyelle	Advanced Services and U.S. Cities: The Making of a New Urban Hierarchy
99. Dec. '82	Taro Ochiai	The Energy Costs of Hierarchical Urban Form: Transportation and Facility Operations
100. May '83	Coker Adegboro	The Process of Implementation in a Nigerian Bureaucracy: The Case of the Niger River Basin Development Authority
101. May '83	Samuel B. Agbola	The House Building Industry in Osogbo, Nigeria: A Study in the Transformation of the Industry and the Process of Development
102. May '83	Alireza Banai-Kashani	Multidimensional Scaling in Simulation of Location: An Analytic Hierarchy Systems Approach
103. May '83	Shu-Li Huang	Integrating Scientific and Institutional Aspects for Water Resource Management: A Case Study of Brandywine Basin
104. May '83	Jon T. Norstog	Democratic Theory, Ethnographic Methods and Environmental Planning: A Methodology for Participation
105. May '83	Michael O. Ogar	Urban Transportation and Public Policy in Developing Countries: Towards Improving Mobility and Accessibility
106. Aug. '83	Patricia L. Gerrity	By Ourselves: An Ethnographic Study of Self-Care in an Elderly Jewish Population
107. Aug. '83	Isaac F. Megbolugbe	A Hedonic Index-Based Model of Housing Demand for Third World Cities
108. Aug. '83	Ava S. Nelson	The Development of Coal in Appalachian Pennsylvania
109. Aug. '83	Ethan P. Seltzer	Citizen Participation in Environmental Planning: Context and Consequence

110. Dec. '83	Deborah S. Kitz	The Impact of Short Procedure Units on the Locus, Volume and Complexity of All Surgical Procedures: Pennsylvania 1974-1982
111. Dec. '83	Wayt T. Watterson	Economic Analysis of Residential Choice
112. May '84	Khalid Benabdeljalil	Internal Migration in Morocco: Examination of Structural Determinants
113. May '84	William W. Budd	A Systems Approach to Acid Deposition: Science, Institutions and Policy
114. May '84	Karen A. Buhler-Wilkerson	False Dawn: The Rise and Decline of Public Health Nursing, 1900-1930
115. May '84	Lawrence W. Dolan	Revitalizing Neighborhoods: Toward a Theory of Program Design
116. May '84	Jamie J. Greene	An Evaluation of Dental Hygiene Education in Israel: Health Planning and Policy Implications
117. May '84	Judith A. Kates	The Design of Comprehensible Systems: A Case of Hospital Merger in Northeastern Pennsylvania
118. May '85	Nemat Bahmani	The Web of Implementation: Iran's Experience with the Implementation of the Khuzestan Regional Development Program
119. May '85	Jonathan Berger	Environmental Ethnography for Landscape Planning
120. May '85	William Guthrie Hengst	Town Builders and Their Hosts: The Relationship Between Developers and Government in the Development Approval Process
121. Aug. '85	Kwabena Owusu-Banahene	The Estimates and Distributional Effects of Benefits of Public Housing Programs in Kumasi City, Ghana
122. Aug. '85	Chaisak Suwansirikul	Equilibrium Decomposed Optimization: A Heuristic for the Continuous Equilibrium Network Design Problem
123. Aug. '85	Norimichi Toyomane	A Study on the Multiregional Input-Output Model: Foundations for an Interregional Simulation of Indonesia
124. Dec. '85	Manoochehr Toshtzar	The Growth and Development of the Iranian Urban System: The Period 1900-1976
125. May '86	John O. Browder	Logging the Rainforest: A Political Economy of Timber Extraction and Unequal Exchange in the Brazilian Amazon



126. May '86	Carla B. Dickstein	The Role of Support Organizations in Worker Cooperative Systems: A Comparative Case Study
127. Aug. '86	Masayuki Doi	Multimodal Urban Transportation Pricing Theory
128. Dec. '86	Chin-Oh Chang	Explanation and Forecasting of National Housing Investment: A Comparative Study in Taiwan (R.O.C.), Korea (South), Japan and the U.S.A.
129. Dec. '86	Suk Hi Chung	The Effects of Spatial System Design Criteria on Description of Underlying Data
130. Dec. '86	Zeev Keidar	Managing by Incentives: The Case of Integrated Rural Development Projects in Less Developed Countries
131. Dec. '86	Frederick Steiner	Soil Conservation: Politics, Policy and Planning
132. May '87	Donald R. Ellerman	Predicting Local Responses to Federal Incentives for Competitively Contracting Transit Service
133. May '87	Hugh Miller	Urban Modeling Systems: Dynamic Properties and Equilibrium Tendencies
134. May '87	Byungho Park	Analysis of Regional Growth: A Study of Efficiency/Equality Relations
135. May '87	Nancy K. Worley	A Study of Relations between Community Mental Health Centers and Public Mental Hospitals in Pennsylvania
136. May '87	Jih-Hwa Wu	Regional Optimal Growth and Public Investment Models: Theory and Application to Efficiency-Equity Issue in Taiwan
137. Aug. '87	Chin-Hsiang Chiu	The Development and Calibration of a Peak-Period Work Trip Distribution Model: An Empirical Case Study
138. Dec. '87	Margaret Fetting	An Application of Family and Social Systems Theories to Inter-organization Conflict in a Child Advocacy System
139. Dec. '87	Kazem Oryani	Performance of Behavioral Land Use Transportation Models and Optimization Land Use Models: A Comparative Assessment
140. May '88	Steven C. Bourassa	Land Value Taxation and New Housing Development in Pittsburgh

141. May '88	Len P. Ishmael	Informal Sector Factor Mobilization: The Process by which Poor People Shelter Themselves and Implications for Policy; Focus on the Caribbean: St. Vincent and Domenica
142. May '88	Magda Lara-Resende	Developing the Egyptian Nile: Hydropolitical Influences and Implications
143. May '88	Abiodun O. Odunmbaku	An Evaluation of Transit Systems for a Rapid Growing City in a Developing Country
144. May '88	Eliana Riggio	Planning and Development in Sicily: The Grass Roots Approach of Danilo Dolci
145. Aug. '88	Mohammad S. Almaani	Network Trip Assignment and Aggregation Procedures in Urban Transportation Planning and Design
146. Aug. '88	Ernesto G. Arias	Resident Participation and Residential Quality in U.S. Public Housing: Toward a Substantive Understanding of Participation
147. Aug. '88	Ahmed Basha	Migration and Urbanization in Saudi Arabia: The Case of Jeddah and Riyadh
148. Aug. '88	Sung-Kyun Kim	Winding River Village: Poetics of a Korean Landscape
149. Aug. '88	Yeong-Te Ohn	Housing Policy Development in Korea, 1972-79: Towards a Theory of Housing Intervention in a Developing Economy
150. Aug. '88	Dah-Lih Wang	Existence and Efficiency of General Spatial Equilibria
151. Aug. '88	Martin E. Wexler	Residential Adjustment of the Elderly: A Comparison of Non-mobile and Mobile Elderly in Montreal
152. Aug. '88	Byung-Wook Wie	Dynamic Models of a Network Traffic Assignment: A Control Theoretic Approach
153. May '89	Hsun-Jung Cho	Sensitivity Analysis of Equilibrium Network Flows and Its Application to the Development of Solution Methods for Equilibrium Network Design Problems
154. May '89	Jung-Hwa Jin	Home Environment as Symbol of Identity
155. May '89	Ahmed S. Ouf	Planning for Small-Scale Industries in Less Developed Countries: A Systemic Approach
156. Aug. '89	Jyue-Huey Chen	Equity Considerations in the Distribution of Urban Public Services: The Provision of City Parks in Taipei City

157. Dec. '89	Ali Al-Naser	The Need for Developing Policies and Guidelines for Future Growth of Secondary Cities in Saudi Arabia: The Case of Hofuf
158. Dec. '89	You-Lian Chu	A Combined Trip Distribution and Assignment Model with Dogit Destination Demand Functions
159. Dec. '89	Cheng-Chang Lin	A Land Use and Transportation Network General Equilibrium Model
160. May '90	David J. Bernstein	Programmability of Continuous and Discrete Network Equilibria
161. May '90	Khaled El-Khishin	Planning for Growth in the Cairo Region: A Strategic Management Approach Modelled on the Paris Experience
162. May '90	Virginia J. Smith	A Qualitative, Longitudinal Analysis of the Experience of Families Caring for Disabled Older Persons in the Community
163. Dec. '90	Saul M. Spivack	Chronic Illness and Serial Hospitalizations: An Empirical Investigation of a Hidden Problem in the Health Care System
164. May '91	Wen-Yan Chiau	Hazardous Waste Clean-up: Establishing a Framework for Taiwan
165. May '91	Victor Crown	The Role and Organization of the Basic Sciences in Medical Education
166. May '91	Marsha Goldberg	Citizen Involvement and State Decision-Making: the Role of Context
167. May '91	Mary Kathryn Jedrziwski	A Multi-method Approach to Studying Retirement Time-Use Planning
168. May '91	Hesam A. M. Joma	The Earth as a Mosque: Integration of the Traditional Islamic Environmental Ethic with Agricultural and Water Development Policies in Saudi Arabia
169. May '91	Joshua A. Muskin	Primary Schooling and the Informal Economic Sector of the Cote d'Ivoire
170. May '91	William Thomas Walker	Network Economies of Scale in Short-Haul Truckload Operations
171. Aug. '91	Richard F. Brown	Delimiting the Perceived Downtown: A Perceptual Approach

172. Aug. '91	John W. Croucher	The Uses and Management of Common Property Resources: A Collective Action/Club Goods Model
173. Aug. '91	Maged El-Gammal	Luxor, Egypt: Balancing Archeological Preservation and Economic Development. A Policy Analysis Using Computer Transportation and Land Use Simulation Models
174. Aug. '91	Tomer Goodovitch	A Model of the Market for Civil Aviation: The Liberalization of Europe
175. Aug. '91	James McGann	The Competition for Scholars, Dollars and Influence in the Public Policy Research Industry
176. Aug. '91	Qadir Mohiuddin	A Theoretical and Econometric Study of Multinational Enterprise Direct International Business Investment
177. Aug. '91	Isaac Takyi	Transit Service Evaluation: A Multidimensional Approach
178. Dec. '91	William Dougherty	Rural Energy Systems in The Moroccan Highlands: A Case Study of Imlil
179. Dec. '91	Marcha Johnson	The Opportunity to Design Post-Industrial Waterfronts In Relation to Their Ecological Context
180. Dec. '91	Chaesung Lee	Multi-Family Housing Units: Occupants, Location and Their Effects on Neighborhoods
181. Dec. '91	Judith Magel	Physician Long Term Care Risk Assessment
182. Dec. '91	James Miller	The Fairest, Fruit Fullest and Pleasantest of all the World: An Environmental History of the Northeast Part of Florida
183. Dec. '91	Deborah Prindle	The Role of Secondary Cities in African Rural Development: Case Studies of Kikwit, Zaire and Kayes, Mali
184. Dec. '91	Sam Youl Yoo	Dynamic Changes of Regional Structure with Special Reference to Infrastructure Using a Multivariate Approach: The Case of Korea
185. May '92	Winston Allen	The Role of United States Voluntary Non-Governmental Organizations as Development Planning Agents in Sub-Saharan Africa
186. May '92	Amiruddin Ardani	Analysis of Regional Growth and Disparity: The Impact of Analysis of the INPRES Project on Indonesian Development Gadjah Mada Univ., Yogyakarta, Indonesia

187. May '92	Sergio Blanco	Sustainable Alternatives for New England Small Farms: A Study on Physical and Cultural Influences in the Adoption of Regenerative Farming Methods in New England Small Farms
188. May '92	Ahmed Hassan	Housing the Urban Poor in Egypt: A Social Systems Approach
189. May '92	Ryoichi Ishii	Location Behavior and Spatial Organization of Multinational Firms and Their Impact on Regional Transformation in East Asia: A Comparative Study of Japanese, Korean, and U.S. Electronic Firms
190. May '92	Hobung Lee	The Investigation of Equilibrium Methods in Spatial Interaction Models
191. May '92	Hyok-Joo Rhee	A Study on the Efficient Provision of Local Public Goods
192. May '92	Osman Shahenshah	Environmental Policy for Sustainable Development: A Study of Pakistan
193. Aug. '92	Abdulaziz Bin Ayyaf Al-Mogren	Bridging the Gap: Centralization vs. Decentralization in the Saudi Municipal Planning System, and Its Impact on The Physical Environment
194. Aug. '92	Mary Corcoran	Spousal Caregivers of Elderly With Dementia: A Descriptive Study of Care Theories
195. Dec. '92	Jeanette Bressler	The Institutional Impact and Appropriateness of AIDS Nursing Home Care
196. Dec. '92	Amy Hosier	A Model of the Office Market
197. Dec. '92	Celestina Jones	Egyptian Housing Market Dynamics: Risk-Analysis, Negotiation and Tolerance of Regulatory Non-Compliance
198. May '93	Tae Ho Byun	Mythos of Poiesis and Poiesis of Mythos
199. May '93	Raul Bruno Garcia	Changing Paradigms of Professional Practice. Education and Research in Academe: A History of Planning Education in the United States
200. May '93	Young-Jun Han	Preservation of Riparian Vegetated Area as an Alternative To Reduce Water Pollution in the Han River Basin, Korea

201. May '93	Yang-Bin Im	A Study on the System Calibration on the Integrated Land Use and Transportation Models
202. May '93	Su Liao	Success by Indirection: The Taiwan Government's Emphasis on National Economic Growth Fostered Housing Development
203. May '93	Katsuhide Nagayama	A Theoretical Institution for Relocation and Eviction of Squatter Settlement
204. May '93	Xinhao Wang	The Development of a Decision-Support System Groundwater Protection Programs
205. Aug. '93	Dong-Uk Lee	Toward a Reconstruction of Rationality in Theory and Practice: Two Essays on Rationality
206. Aug. '93	Yiu-Tsan Mak	Decomposition Methods for Solving Discrete-Continuous Facility Location Models with Non-Linear Objective Cost Functions
207. Aug. '93	You-Xuan Zhu	Urban Land Market Development in China: Implications on the Urban Planning Practice
208. Aug. '93	Baqer Al-Ramadan	A Framework for a National effort towards Geographic Information and Geographic Information Systems in Saudi Arabia
209. Aug. '93	James Quigley	Trash Incineration, Recycling and the Environment: A Descriptive Case Story of Current Efforts to Resolve a City Planning Dilemma
210. Dec. '93	Nasser A. Al-Mobarak	From Order Taker to Policy Maker: The Expanding Role of Planning in the Socio-Economic Development of Saudi Arabia
211. Dec. '93	Raveendra Gopalarao	Policy Imperatives for Self-Reliant Science and Technology for Development: A Case of Remote Sensing
212. Dec. '93	David Sydney Jones	Traces in the Country of the White Cockatoo: Chinna Junnak Cha Knaek Grugidj
213. Dec '93	Adina B. Newberg	Family and Work in Organizational Life: The Case of a Contemporary Synagogue
214. Dec. '93	Daniel A. Seni	Elements of a Theory of Plans
215. May '94	Mehmet Adnan Barlas	The Street: Its Meaning, Functions, Origins, Death and Rebirth.

216. Aug. '94	Hwang, Jeahoon	The Reciprocity Between Architectural Typology and Urban Morphology.
217. Aug. '94	Annemie Laarakker	Citizen Involvement and Solid Waste Management Planning.
218. Aug. '94	Ziad El-Mously	A Systematic Approach to the Calibration of Traffic Assignment Models.
219. Aug. '94	Terry Plater	Forced Migration and Resettlement as a Strategy for Development: An Analysis of Implications Based on A Study of the New Halfa Scheme in Eastern Sudan.
220. Aug. '94	Joyce Ann Pressley	The Problems of Infrastructure Location, Access and Capacity in Rural Development: Rural Market Infrastructure, Agricultural Markets and Marketing in the 54 Districts of Uttar Pradesh, India.
221. Aug. '94	Jyh-Fa Tsai	Models for Optimal Price and Level of Service Positioning of Intermodal Service in Competition with Truck Service.
222. Dec. '94	Joel Anton Forkosch	Mind Over Matter: Independent Living for Brain Injury Survivors.
223. Dec. '94	Chang-Moo Lee	Greenbelt Impacts On Dynamics of Physical Urban Development And Land Market: A Welfare Analysis - The Case of Seoul's Greenbelt
224. Dec. '94	Sheila S. Mitra Sarkar	A Method for Evaluation of Pedestrian Spaces on Urban Streets.
225. Dec. '94	Mary S. Wright Struthers	The Value of Process in Health Care Outcomes: Qualitative Analysis of a Functional Status Measure in Rehabilitation.
226. Dec. '94	Jian Zhang	Traffic Assignment Models With Multiple User Classes.
227. Dec. '94	Kyung-Jin Zoh	Re-Inventing Gardens: A Study in Garden Theory.
228. May '95	Chang-Shan Huang	How Can We Avoid Placelessness? A Phenomenological Study of Place and Place-Making With Four Case Studies of Landscape Design Projects in Boston and its Vicinity.
229. May '95	Seung-Tae Kim	Adaptive Cartographic Modeling System in Guiding Urban Growth Boundaries.

230. May '95	Tsung-Yu Lai	Development Management: Establishing a Framework for Managing Urban Development and Redevelopment in Taiwan, a Case Study of Taipei Municipality.
231. May '95	Yvonne Scruggs-Leftwich	Consensus and Compromise: An Analysis of the National Urban Policy Development Process.
232. May '95	Pingning Shen	Optimized Network Equilibrium Models of Combined Travel and Residential Location Choices.
233. May '95	M. Kamil Siddiqi	Functional Analysis and Long Term Performance Evaluation of a Public Transportation System: A Case Study of SEPTA (1968-1988).
234. Aug. '95	Lauren Archibald	Below-ground planning in Local Communities: Case Studies of Five Archaeological Preservation Programs
235. Aug. '95	Jose J. Jimenez	Comparative Evaluation of Bus Transit Performance: Case Study of Toluca, Mexico and Philadelphia, Pennsylvania
236. Aug. '95	Helen Ahada Stanford	A Study of Mortgage Underwriting Criteria and Urban Mortgage Credit Availability
237. Dec. '95	Yoshihiro Asano	An Interpretive Approach to the Meaning of Urban Landscapes: A Case Study of a Waterfront Landscape in Inner Tokyo
238. May '96	Guillermo Abdel	Firm Network Transformation After Trade Liberalization: The Case of Mexican Manufacturing
239. May '96	Feng Liu	Environmental Equity: Linking Population Distribution With Environmental Risk Distribution
240. May '96	Steven Peuquet	The Homeless in Delaware
241. May '96	David Phillips	Intersections of Modernity and Tradition: An Urban Planning History of Tokyo in the Early Meiji Period (1868-1888)
242. Aug. '96	Anuradha Rao	Men and Women in an Academic Science Department: An Organizational Ethnography
243. Aug. '96	Fuad Malkawi	Hidden Structures: An Ethnographic Account of the Planning of Greater Amman



244. Dec. '96	Abdulaziz Abu-Sulaiman	Learning to Plan: Jeddah, 1959-87
245. Dec. '96	Nae-Young Choei	A Study on the Distributional and Efficiency Consequences of the Housing Finance Subsidy Programs: The Case of Korea
246. Dec. '96	David L. Stiff	An Equilibrium Model of Activity Location and Land Allocation: A Simulation of the Land Market for Portland, Oregon
247. Dec. '96	Tamara Hennings	Debt for Nature Swap Experience: Structuring a Transnational Domain
248. May '97	Elisabeth Infield	Stories of the Land: Rhetoric and Reconciliation in the Mojave National Preserve.
249. May '97	Joseph Louis Nasr	Reconstructing or Constructing Cities? Stability and Change in Urban Form in Post-World War II France and Germany
250. Aug. '97	Shih-Liang Chan	The Development of Planning Support Systems by Integrating Urban Models and Geographic Information Systems: A Framework and Implementation
251. Aug. '97	Joseph Hacker, IV	Identifying Women's Transportation Disadvantage and Measuring Bus Accessibility to Medical Facilities
252. Aug. '97	Carolyn Latimore	Gender, Justice, and Development: Women and Development in Ghana
253. Aug. '97	Yong Eun Shin	Analysis of City/Transportation System Relationship via Land Consumption
254. Dec. '97	Byungseol Byun	The Dynamics of Regional Product Inequality by Expanded Rank-Size Functions
255. Dec. '97	Dorothy Ives Dewey	Strategy and Communication in the Real Estate Development Process - Three Case Studies
256. Dec. '97	Felipe Javier Gorostiza Arroyo	Space, Order and the Sign: The City of the New World
257. Dec. '97	Roseann Murphy Jones	The Business of Science: A Study of How the Pursuit of Biomedical Science Ventures in Changing Academic Medical Centers
258. Dec. '97	Wen-Yen Lin	The Pursuit of Knowledge, and the Business of Science

259. Dec. '97	Nilton Torres	Planning and Bureaucracy: A Critical Analysis of Urban and Housing Policy Framing in a Bureaucratic Authoritarian State – The Case of Brazil
260. May '98	Hussain Mousa Dashti	A Study of the Feasible Relationship Between Travel Behavior and Land Use Patterns: A Case Study of Montgomery County, PA
261. May '98	Johannes M. Hailu	Factors Affecting Housing Preference Under Conditions of Limited Choice - the Case of Addis Abeba
262. May '98	Daniel Jordan Marcucci	The Utility of Landscape History for Planning the Long Pond Macrosite in Monroe County, Pennsylvania
263. Aug. '98	Majid Abdulsamad Enani	Urban Design and Planning Criteria for Large Scale Mixed-Use Developments (MXDs): Modeling Saudi Arabian Major Cities
264. Dec. '98	Wen-Chieh Wang	Object-Oriented Cartographic Modeling Techniques in Physical Planning
265. May '99	Richard Wayne Berman	Assessing Urban Design: Historical Ambience on the Waterfront
266. May '99	Iskandar Saleh	Housing Market Dynamics in the Metropolitan Area: A Case Study of the Informal Housing Markets in the Metropolitan Jabotabek, Indonesia
267. Aug. '99	Brian John Tehan	An Evaluation of U.S. Employer Trip Reduction Programs: Urban Transportation Planning and Policy Implications
268. Aug. '99	Jen-Yu Wu	The Worker Households, Commuting Patterns, Races, and Residence and Job Location Choices
269. Aug. '99	George Terahara	Rail Network Analysis for Coal Transportation in China
270. Dec. '99	Ali Y. Ba-Ubaid	Environment, Ethics and Design: An Inquiry into the Ethical Underpinnings for a Contemporary Environmentalism and its Environmental Design Implications
271. Dec. '99	Yong Un Ban	Environmental Justice and Superfund NPL Designation in the Application of the

		Hazard Ranking System: Case Study in EPA Region III Using GIS
272. May '00	Thomas William Pederson	The Visual Analysis of Spatial Regression
273. Dec. '00	Elaine Jessie Yuen	Severity of Illness and Ambulatory Care Sensitive Conditions
274. May '01	Paul E. Patterson	An Object Oriented Approach Towards Spatial Aggregation: The Design, Utilization, and Evaluation of the Spatial Aggregation Modeling Engine (S.A.M.E.)
275. Aug. '01	Shirley Loveless	The Cost and Time Effects of Alternative 'Reverse Commute' Options on Low Income Urban Residents: A Philadelphia Region Case Study
276. Dec. '01	Kimani Choi	Application of Pooled Data Techniques in the Calibration of Spatial Interaction Models
277. Dec. '01	Lorlene M. Hoyt	Business Improvement Districts: Untold Stories and Substantiated Impacts
278. Dec. '01	Takekuni Kurosawa	Restaurants and Urban Revitalization: The Case of Center City Philadelphia
279. May '02	Samuel Alatorre	Fiscal Federalism and Intergovernmental Fiscal Revenue Sharing in Mexico: The Municipal Perspective
280. May '02	Gwang Ya Han	A Geography of the Internet
281. May '02	Lai-Yung Kang	The Power of Flows and the Flows of Power: The Taipei Station District Across Political Regimes
282. May '02	Dimitris Poulakidas	Residential Choice and Locational Quality: A Discrete Choice Modeling Approach
283. May '03	Nisha Botchwey	Taxonomy of Religious and Secular Nonprofit Organizations: Knowledge Development and Policy Recommendations For Neighborhood Revitalization
284. May '03	William J. Cohen	A Critical Assessment of Ian McHarg's Human Ecological Planning Curriculum at the University Of Pennsylvania
285. May '03	Yongmin Yan	Disaggregation Analyses of Spatial

		Interaction Residential Location Models
286. Aug. '03	Donald E. Curley	An Analysis of Trading Ratio for Water Pollution Control Trading Systems Using a Geographic Information System and the Finite Segment Method
287. Aug. '03	Kyi May Kaung	Modernization, Breakdown and Structural Configurations: Retrogression in Burma (1962-88)
288. Aug '03	Takeshi Shirabe	Decomposing Integer Programming Models for Spatial Allocation
289. Dec. '03	Barbara Stabin Nesmith	Thinking about Vacancy: Conceptual Schemes for Representing Vacant Properties in City Planning
290. May '04	Peter Hendee Brown	Port Authorities and Urban Redevelopment: Politics, Organizations, and Institutions on a Changing Waterfront
291. May '04	Daniel Campo	Vernacular Recreation at Brooklyn Eastern District Terminal
292. May '04	Annemarie Constantinescu-Strihan	Patterns of interaction across borders: space, language, and architecture; a network model applied to border regions in Belgium and Spain
293. May '04	Lynn Ann Mandarano	Protecting Habitats: New York-New Jersey Harbor Estuary Program. Collaborative Planning and Scientific Information
294. May '04	Yunwoo Nam	Spatial Variation of Residential and Employment Land Consumption Rates in a Metropolitan Region: Atlanta, Chicago, Sacramento, San Antonio
295. May '04	Theresa Denise Williamson	Catalytic Communities: The Birth of a Dot Org
296. May '04	Hara Wright-Smith	The Impact of Inner City Commuter and Community Congregations on Civic Engagement and Social Action
297. Aug. '04	Chao-Che Hsu	A Stochastic User Equilibrium model with Implicit Travel Time Budget Constraints A Method for Evaluating Perceived Accessibility
298. May '05	Yang Liang Chua	Multi-agent Simulation of Residential Property Value Dynamics
299. May '05	Georgia Pozoukiduo	Increased Usability of Urban & Land Use Models: The Role of Knowledge Based

		Systems in Facilitating Land Use Forecasting to Planning Agencies
300. May '05	Jienki Synn	Systems Approach to Metro Network Design
301. May '05	Makiko Takahashi Tanaka	Public Participation Using Consensus Building for Land Use Planning in the United States and Japan
302. May'05	Paisarn Tepwongsirirat	The Vendor and the Street: The Use and Management of Public Spaces in Bangkok
303. May '07	Karen Beck Pooley	Effective Neighborhood Revitalization Strategies: The Array and Impacts of Subsidized Place-Based Investments in Philadelphia
304. May '08	Melissa Julie Saunders	Civic Design Organizations
305. May '09	Hillit Meidar Alfi	Measuring the Utility of Urban Infrastructure Systems
306. August '09	Daniel A. Moscovici	Land Preservation's Effect on the Environment, Economy and Society of the Maine, New Hampshire, Vermont and Adirondack Region of New York
307. August '09	Khaled Tarabieh	A Pilot Framework for Energy Performance
308. May '10	Rong-Syh Huang	A Tool for Solving Land Use Conflicts? – A Study in TDR in Taiwan
309. May '10	Stephanie Ryberg	Neighborhood Stabilization Through Historic Preservation: An Analysis of Historic Preservation and Community Development in Cleveland, Providence, Houston and Seattle
310. May '10	Nicholas Stapp	A Methodology for the Documentation and Analysis of Urban Historic Resources
311. May '11	Amanda Gay Johnson	Developing Urban Arts Districts: An Analysis of Mobilization in Dallas, Denver, Philadelphia, Pittsburgh, and Seattle
312. May '11	Sisi Liang	Physical Planning Strategies of National High-Technology Industrial Development Zones in China
313. May '12	Evangeline Rose Linkous	The Use of Transfer of Development Rights to Manage Growth: The Adoption and Performance of Florida County TDR Programs

314. May '12	Matthias N, Sweet	Are We Done Fighting Traffic? Planning Congestion Resilient Regions
315. May '14	Stuart Andreason	Will Talent Attraction and Retention Improve Metropolitan Labor Markets? The Labor Market Impact of Increased Educational Attainment in U.S. Metropolitan Regions 1990-2010
316. May '14	Catherine Brinkley	Fringe Benefits
317. May '14	Seung Ah Byun	A Comparative Evaluation of State Policies and Programs for NonPoint Source Pollution Control in the Chesapeake Bay Watershed
318. May '14	Amy Lynch	Is it Good to be Green?: An Assessment of County Green Infrastructure Planning in Colorado, Florida, and Maryland
319. August '14	Mengke Chen	Impacts of French high-speed rail investment on urban agglomeration economies
320. May '15	Benjamin Chrisinger	If You Build It, Will They Come, and What Will They Eat? Investigating Supermarket Development in Food Deserts
321. May '15	Meagan Ehlenz	Anchoring Communities: The Impact of University Interventions on Neighborhood Revitalization.
322. May '15	Theodore Eisenman	Making Meaning of Urban Greening in the Anthropocene
323. May '15	Kristen Kinzer	Implementation by Committee: A mixed methods study of leveraging public engagement to support community sustainability plan implementation
324. May '15	John Robinson	Amenities, Walkability, and Neighborhood Stability: A Mixed Methods Analysis
325. May '15	Ralph Rosado	What will the Neighbors Say? How Differences in Planning Culture Yield Distinctive Outcomes in Urban Redevelopment: The Example of the Community Benefits Agreement Trend
326. May '15	Yu-Shou Su	Rebuild, Retreat, or Resilience: Can Taipei Plan for Resilience?

327. August '15	Kenneth Steif	Toward School Improvement Districts: School Quality & The Equitable Revitalization of Neighborhoods
328. December '15	Albert Tonghoon Han	Evaluating the Performance of the Greenbelt Policy for Present and Future Urban Growth Management and Environmental Protection - A Case Study in the Seoul Metropolitan Area of South Korea
329. May '16	Mary F.Rocco	Partnership, Philanthropy and Innovation: 21st Century Revitalization in US Legacy Cities
330. May '16	Janet Weiner	No-Trespass Policies in Public Housing
331. August'16	Caroline Cheong	Urban Conservation and Regeneration in the 21 <sup>st</sup> Century: An Assessment of the Historic Centers of Quito, Ibarra, Loja and Cuenca, Ecuador
332.August '16	Amber Woodburn	Pushback in the Jet Age: Investigating Neighborhood Change, Environmental Justice, and Planning Process in Airport- Adjacent Communities
333. August '16	Simon Mosbah	Airports, Airport Expansions and Employment at Local and Regional Scale

## APPENDIX B. Graduate Group Directory

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## APPENDIX C. Select Bibliography

This select bibliography will familiarize you with the research interests of our Graduate Group Faculty. It includes books and key articles that they have written but it is by no means comprehensive.

- Stefan Al *The Strip: Las Vegas and the Architecture of the American Dream (2017).*  
*Forthcoming*: under contract to MIT Press.
- Connecting People with Places: Balancing Mobility and Place-making (2017).* Co-authored with Robert Cervero, and Erick Guerra. *Forthcoming*: under contract to Island Press.
- Macau and the Casino Complex (2017).* Editor and author of chapter 1 (Introduction). *Forthcoming*: under contract to University of Nevada Press.
- Mall City: Hong Kong's Dream Worlds of Consumption. (2016)* University of Hawaii Press; Hong Kong University Press. Editor and author of chapter 1 (Introduction).
- Francesca Ammon *Bulldozer, Demolition and Clearance of the Postwar Landscape*, New Haven: Yale University Press, 2016.
- “Post-Industrialization and the City of Consumption: Attempted Revitalization in Asbury Park , New Jersey,” *Journal of Urban History* 41:2 (March 2015): 158-174.
- Eugénie L. Birch “Will Habitat III Make a Difference to Global Urban Development?” *Journal of the American Planning Association* 82:4 (2016) (forthcoming)
- “The Imprint of History in the Practice of City and Regional Planning” in C. Hein (ed). *Planning History Handbook* (New York: Routledge, forthcoming)
- “Metrics and the Impact of the Urban SDG” in Simon, D. et al. (eds) *The Urban Planet: Patterns and Pathways to the Cities We Want* (forthcoming) with A. Rudd, M. Cardama, A. Revi.
- Slums: Informal Real Estate Markets*, (edited with Shahana Chattaraj and Susan Wachter) Philadelphia: University of Pennsylvania Press, 2016
- “From Science Parks to Innovation Districts: Research Facility Development in Legacy Cities on the Northeast Corridor,” Penn IUR White Paper on Sustainable Development Working Paper 2015/008, Philadelphia, 2015.
- Charles Branas “Place-based Stressors Associated With Industry and Air Pollution,” *Health and Place*; in press, 2014. (with Kondo MC, Gross-Davis CA, May

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Ram A. Cnaan

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Erick Guerra

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## APPENDIX D.

### Current PhD Candidates/Students

<b>Name</b>	<b>Status</b>	<b>Contact Information</b>
M. Zoe Warner	Candidate	<a href="mailto:zwarner@design.upenn.edu">zwarner@design.upenn.edu</a>
William Fleming	Candidate	<a href="mailto:wflem@design.upenn.edu">wflem@design.upenn.edu</a>
Joshua Warner	Candidate	<a href="mailto:joshuawa@design.upenn.edu">joshuawa@design.upenn.edu</a>
Eliza Whiteman	Candidate	<a href="mailto:elizadw@design.upenn.edu">elizadw@design.upenn.edu</a>
Theodore Lim	Candidate	<a href="mailto:tlim@design.upenn.edu">tlim@design.upenn.edu</a>
Jae Min Lee	Student	<a href="mailto:Jaemlee@design.upenn.edu">Jaemlee@design.upenn.edu</a>
Daniel Suh	Student	<a href="mailto:dansuh@design.upenn.edu">dansuh@design.upenn.edu</a>
Laurent Corroyer	Student	<a href="http://corroyer@design.upenn.edu">http://corroyer@design.upenn.edu</a>
Maryam Khojasteh	Student	<a href="http://maryamkh@design.upenn.edu">http://maryamkh@design.upenn.edu</a>
Sirius Libeiro	Student	<a href="http://slibeiro@design.upenn.edu">http://slibeiro@design.upenn.edu</a>
David Stanek	Student	<a href="http://dstanek@design.upenn.edu">http://dstanek@design.upenn.edu</a>
Patrizio Zambrano Barragan	Student	<a href="http://pzb@design.upenn.edu">http://pzb@design.upenn.edu</a>
Chandan Dueskar	Student	<a href="http://cdeuskar@design.upenn.edu">http://cdeuskar@design.upenn.edu</a>
Chaeri Kim	Student	<a href="http://chaeri@design.upenn.edu">http://chaeri@design.upenn.edu</a>
Krista Iksander	Student	<a href="http://krid@design.upenn.edu">http://krid@design.upenn.edu</a>
Xiaoxia Dong	Student	<a href="http://xiaoxiad@design.upenn.edu">http://xiaoxiad@design.upenn.edu</a>
Sa Min Han	Student	<a href="http://hsa@design.upenn.edu">http://hsa@design.upenn.edu</a>



## APPENDIX E. PhD Checklist

<b>Task</b>	<b>Requirement</b>
<b>Matriculation</b>	Full-time until completion of degree. Total time allowable 10 years (five years to advance to candidacy, five years to complete and defend dissertation)
<b>Coursework</b>	20 course units, to be completed in first 5 semesters, taken at the rate of 4 course units/semester, and including:
Doctoral Seminar	4 course units taken in first 4 semesters
Research Methods	2 course units
<b>Preparatory Requirements</b>	(see below) to be completed in the first 5 semesters and including:
<b>Writing and Presentation</b>	4 written assignments completed in the first 4 semesters
Review essay	First semester Doctoral Seminar
First year paper	Second semester Doctoral Seminar
Second year paper	Third semester Doctoral Seminar
Draft dissertation proposal	Fourth semester Doctoral Seminar
<b>Scholarly Preparation</b>	4 semesters plus orientation and jury service
Research Assistantship	Two semesters
Teaching Assistantship	Two semesters
TA orientation	Attend session summer after the first year of full-time study
<b>Masters Juries</b>	Serve on 4 masters candidates studio or workshop juries
<b>Qualifying Examination</b>	Written examination on History and Theory of Planning to be taken by the third semester of full-time study
<b>Candidacy Examination</b>	<b>Three part written and oral examination to be completed by 5<sup>th</sup> semester</b>
Two Field Examinations	Written examinations to be completed by the beginning of the 5 <sup>th</sup> semester of full-time study, taken in a 21 day period
Oral Examination	Oral defense of the history and theory and two field examinations and discussion of draft dissertation proposal within 3 weeks of completing the last field examination,
Acceptance of Dissertation Proposal	To be completed by the first week of October, fifth semester of full-time study.
<b>Apply for A.M. degree</b>	All students who advance to candidacy are eligible to earn an A.M. Apply to <a href="http://fusion.sas.upenn.edu/degree/app-start.php">http://fusion.sas.upenn.edu/degree/app-start.php</a>
<b>Annual Meetings of Dissertation Committee</b>	All candidates must meet annually with dissertation committee until thesis is completed. All candidates must submit first full draft of dissertation two months in advance of deposit date (advisors will comment within three weeks); submit second draft of dissertation, one month in advance of deposit date (advisor will comment within two weeks); submit third draft (if required) one week in advance of defense.
<b>Dissertation Defense</b>	Candidate defends thesis in front of dissertation committee
<b>PhD Colloquium</b>	Public presentation of thesis findings
<b>Dissertation Deposit</b>	Pursuant to university rules

## **APPENDIX F. Standard Outline for Dissertation Proposals**

You will be preparing a draft proposal in CPLN 800 Doctoral Seminar and completing the draft during the time you are preparing for your field examinations, submitting it to your dissertation committee two weeks before your oral defense. You will discuss the draft with your committee at the time of your field examination oral examination. After completing your field exam orals, you will schedule your dissertation proposal oral examination to secure final acceptance of your proposal. The dissertation oral examination should be completed by your fifth semester of full-time study, if not sooner.

### **Proposal for a PhD Dissertation in City and Regional Planning**

#### **A. Cover Page**

1. Title of proposed dissertation
2. Name of student
3. Address, phone number, e-mail
4. Date of submission
5. Proposed Supervisor and committee members

#### **B. Outline**

Students should follow this outline in the preparation of draft dissertation proposals.

ABSTRACT	summary of the proposal in less than 200 words.
TABLE OF CONTENTS	list of sections and page numbers
INTRODUCTION	explanation of the general purpose of the research, providing a context for the specific research objectives, and the potential significance or the research in relation to the problem addressed.
LITERATURE REVIEW	concise review of the most significant work related to the proposed research that positions the thesis by identifying gaps in knowledge that the dissertation will fill

STATEMENT OF  
PROBLEM  
or RESEARCH  
QUESTIONS

statement of the problem and research questions

RESEARCH DESIGN

scope of work to be done and the manner in which it will be pursued:

- a) Outline of approach describing methods in sufficient detail to permit an assessment of their appropriateness in answering the research questions;
- b) Description of the kinds and sources of data; its quality, and any anticipated issues;
- c) Statement of the criteria to be applied in evaluating the research findings; and
- d) Schedule and plan of work, outlining the research and writing schedule through the first, second and third drafts and the proposed defense and deposit date.

PROPOSED TABLE  
OF CONTENTS

detailed chapter and section headings

BIBLIOGRAPHY

list of references cited in the proposal and other major works related to the proposed research.



## APPENDIX G. Model Progress Report

**TO:** Randy Mason, Genie Birch, Laura Wolf-Powers  
**FROM:** Stephanie Ryberg  
**RE:** Annual progress report  
**DATE:** May 13, 2009

### 2008-2009 PROGRESS & ACTIVITIES

- Dissertation proposal approved (June 2008)
- Completed background research and prepared for case studies (June-August 2008)
- Conducted four case study visits (September-November 2008)
- Transcribed interviews, coded and analyzed data (December 2008-present)
- Drafted three of four case study chapters (Cleveland, Providence, Seattle) (February-April 2008)
- Presented at the International Planning History Society conference (July 2008)
- Teaching Assistant for CPLN 540 (Fall 2008)

### IMMEDIATE "NEXT STEPS" AND ON-GOING WORK

- Submit article to JPER workshop (scan of preservation-based community development) (due 5/20/09)
- Draft Houston chapter (by end of May)
- Working with Randy on the Philadelphia Preservation Plan (through July 2009)

### PLAN FOR 2009-2010 (BY MONTH)

June 2009: Dissertation boot camp (Revise 6-9), Draft 2, 3  
July 2009: Draft 1, 10; Paper to *JPH*  
Aug. 2009: Draft 11; Complete 4, 5; JPER workshop  
Sept. 2009: Revise, HP studio, Conference presentations  
Oct. 2009: Revise, ACSP, SACRPH, HP studio  
Nov. 2009: Revise, Job applications, HP studio  
Dec. 2009: Revise, Job applications, HP studio, Job talk, Possibly defend  
Jan. 2010: Defend/revise, Job talk, Interviews, RA  
Feb. 2010: Interviews, RA, Publications, Conference abstracts  
Mar. 2010: Interviews, RA, Publications  
Apr. 2010: RA, Publications  
May 2010: Graduate

### DISSERTATION TABLE OF CONTENTS & STATUS

1. Introduction	<i>Not completed</i>
2. Approach and methods	<i>Not completed</i>
a. <i>Section 1: History of Planning &amp; Preservation in Urban Neighborhoods</i>	
3. Neighborhood and Community in City Planning and Preservation	Partial draft
4. CBO's Use of Historic Preservation in the United States: Survey and History	Partial draft
5. Preservation-Based Community Development in Manchester & Mt. Auburn	Draft, need to
revise	
a. <i>Section 2: Analysis of Contemporary Cases</i>	
6. Avenue Community Development Corporation: Houston, Texas	<i>Not completed</i>
7. Famicos Foundation: Cleveland, Ohio	Draft, RM
comments	
8. Greater Elmwood Neighborhood Services: Providence, Rhode Island	Draft, RM
comments	
9. SCIDPDA: Seattle, Washington	Draft, RM
comments	
10. Findings	<i>Not completed</i>
11. Conclusions Lessons Learned & Recommendations	<i>Not completed</i>

# APPENDIX H. Penn-in-Touch

## Requirements for DOCTOR OF PHILOSOPHY

- not filled  
  approved  
  appr by override  
  appr by petition  
  cond appr  
  planned by override  
 waived  
  fulfills multiple reqs  
  NOT approved  
  grade requirements not met  
  planned but not taken in term

**Courses**  
Used courses are Highlighted.

**Careers:**

### Ph.D. Degree Requirements

#### University Requirements

- Qualifications Evaluation
- Candidacy Examination
- Dissertation Defense

#### Other Examinations

- Defense of Proposal
- Master's Final Exam

#### Language Requirement

- Language 1
- Language 2

#### Teaching Requirement

- Teaching Requirement 1
- Teaching Requirement 2
- Requirement Waived
- Requirement Exception

#### Dissertation Progress Report

For each year after the Candidacy Examination

- Year 1
- Year 2
- Year 3
- Year 4
- Year 5
- Year 6
- Year 7
- Year 8

### Certification - Ph.D. Requirements

Form 152 Received in the Graduate Division

- Committee Approval of Dissertation
- Graduate Group Requirements Completed
- University Requirements Completed

### Certification - Research Master's Requirements

Form 151 Received in the Graduate Division

- Research Requirement - Paper/Project
- Thesis
- Graduate Group Requirements Completed
- University Requirements Completed

### City Planning

#### Required Courses

Doctoral Seminar - 4 c.u.

- CPLN 772
- CPLN 772
- CPLN 772
- CPLN 772

Research Methods - 2 c.u.

- Research Methods #1
- Research Methods #2

#### Preparatory Requirements

#### Writing and Presentation

- Review Essay
- First Year Paper
- Second year Paper
- Draft Dissertation Proposal

#### Scholarly Preparation

- Research Assistantship
- Teaching Assistantship
- TA/RA
- TA/RA
- TA/RA
- TA/RA
- TA/RA
- Jury Duty

#### Field Examinations

- Written Field Exam
- Oral Field Examination

#### Certification

- Graduate Group Requirements Complete

## APPENDIX I. Forms

Form 1a	Request for Approval of Transfer Credit
Form 1b	Research Methods Requirement
Form 2	Writing Requirement: Review Essay
Form 2a	Writing Requirement: First-Year Paper
Form 2b	Writing Requirement: Second-Year Paper
Form 2c	Writing Requirement: Draft Dissertation Proposal
Form 3a	Research Assistant Requirement
Form 3b	Teaching Assistant Requirement
Form 3c	Graduate Council Orientation Program for TAs Requirement
Form 3d	Jury Service
Form 4	Qualifying/Candidacy Examination Schedule
Form 5	Candidacy Examination Report
Form 6	Defense of Dissertation Proposal
Form 7	A.M. Degree Certification
Form 8	Certification of Completion of Coursework and Passing of Candidacy Examination (University of Pennsylvania form #150)
Form 9	Annual Dissertation Progress Report
Form 10	Acceptance of Dissertation (University of Pennsylvania Form #152)
Form 11	Colloquium
Form 12	Certification of Dissertation (University of Pennsylvania Form #153)

*Graduate Group in City and Regional Planning*

**REQUEST FOR TRANSFER OF CREDIT**

*All students must successfully complete (with a grade of B or better) 20 course units of classes, four of which are the Doctoral Seminar, two in research methods. Up to four course units of transfer credit may be applied in partial completion of this requirement. Attach syllabi and transcript for courses.*

Name \_\_\_\_\_

Courses for which advanced standing is sought (include course number, name, level, date taken institution, credits received and grade).

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Provide a rationale for each course for which advanced standing is sought:

Courses approved for advanced standing:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date

*Graduate Group in City and Regional Planning*

**RESEARCH METHODS REQUIREMENT**

*All students must successfully complete (with a grade of B or better) two (2) graduate-level methods courses appropriate for the student's proposed field of research. These courses must be approved by the GGC and should correspond to the student's intended "disciplinary" examination area (see below).*

1. \_\_\_\_\_ took a waiver examination  
(Student's name)

on \_\_\_\_\_ and received permission to waive ( ) one course or ( ) two courses of  
(date) the research method requirement.

\_\_\_\_\_  
Research Methods Course Instructor or \_\_\_\_\_ (print name) \_\_\_\_\_ (date)  
other approved faculty member

2. \_\_\_\_\_ expects to enroll in the following research  
(Student's name)  
methods course or courses to meet the Graduate Group requirement. The student's plan meets  
with my approval.

Course Numbers and Titles: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair Date

## Graduate Group in City and Regional Planning

<b>WRITING REQUIREMENT: REVIEW ESSAY</b>
--

*The PhD . writing requirement comprises four elements:*

- 1) **Review Essay** in area of student interest, presented to Doctoral Seminar in first semester
- 2) **First Year paper** in the field of the student's primary interest, to be completed by end of first year.
- 3) **Second-Year paper** containing original research in an area of interest to the student, publishable quality (target); to be presented at Doctoral Seminar in the third semester. This paper might (ideally could) evolve from the First Year paper
- 4) **Draft Dissertation proposal** to be completed at the end of the fourth semester in the Doctoral Seminar.

**Review Essay:**

Student's Name: \_\_\_\_\_

Title and Summary: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

( ) The paper meets the Review Essay component of the writing requirement.

( ) The paper does not meet the Review Essay component of the writing requirement.

*(Comments: If the paper is satisfactory, indicate its strengths and weaknesses. If the paper is not satisfactory, indicate whether you have simply requested some revisions or have recommended more fundamental remedial action (e.g. courses in research design or writing a program of reading).*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date

Graduate Group in City and Regional Planning

WRITING REQUIREMENT:
FIRST YEAR PAPER

The PhD . writing requirement comprises four elements:

- 1) Review Essay in area of student interest, presented to Doctoral Seminar in first semester
2) First Year paper in the field of the student's primary interest, to be completed by end of first year.
3) Second-Year paper containing original research in an area of interest to the student, publishable quality (target); to be presented at Doctoral Seminar in the third semester. This paper might (ideally could) evolve from the First Year paper
4) Draft Dissertation proposal to be completed at the end of the fourth semester in the Doctoral Seminar.

First Year Paper:

Student's Name:

Title of Paper:

( ) The paper meets the First Year paper component of the writing requirement.

( ) The paper does not meet the First Year paper component of the writing requirement.

(If the paper is not satisfactory, indicate whether you have simply requested some revisions or have recommended more fundamental remedial action (e.g. courses in research design or writing a program of reading).

Eugénie L. Birch, Graduate Group Chair

Date

*Graduate Group in City and Regional Planning*

**WRITING REQUIREMENT  
SECOND-YEAR PAPER**

*The PhD. writing requirement comprises four elements:*

- 1) **Review Essay** in area of student interest, presented to Doctoral Seminar in first semester*
- 2) **First Year paper** in the field of the student's primary interest, to be completed by end of first year.*
- 3) **Second-Year paper** containing original research in an area of interest to the student, publishable quality (target); to be presented at Doctoral Seminar in the third semester. This paper might (ideally could) evolve from the First Year paper*
- 4) **Draft Dissertation proposal** to be completed at the end of the fourth semester in the Doctoral Seminar.*

**Second-Year Paper:**

Student's Name:

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Title of Paper:

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( ) The paper meets the Second-Year Paper component of the writing requirement.

( ) The paper does not meet the Second-Year component of the writing requirement.

*If the paper is not satisfactory, indicate whether you have simply requested some revisions or have recommended more fundamental remedial action (e.g. courses in research design or writing a program of reading).*

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Eugénie L. Birch, Graduate Group Chair

Date



Graduate Group in City and Regional Planning

WRITING REQUIREMENT
DRAFT DISSERTATION PROPOSAL

The PhD writing requirement comprises four elements:

- 1) Review Essay in area of student interest, presented to Doctoral Seminar in first semester
2) First Year paper in the field of the student's primary interest, to be completed by end of first year.
3) Second-Year paper containing original research in an area of interest to the student, publishable quality (target); to be presented at Doctoral Seminar in the third semester. This paper might (ideally could) evolve from the First Year paper
4) Draft Dissertation proposal to be completed at the end of the fourth semester in the Doctoral Seminar.

Draft Dissertation Proposal:

Student's Name:

Title of Proposal:

Comments

( ) Meets the writing requirement for a draft dissertation proposal.

( ) Does not meet the writing requirement for a draft dissertation proposal.

Proposed Dissertation Committee.

(Supervisor)

(Reader)

(Reader)

Eugénie L. Birch, Graduate Group Chair

Date

*Graduate Group in City and Regional Planning*

**RESEARCH ASSISTANT REQUIREMENT**

*PhD students are required to serve as an RA to a member of the Graduate Group for at least one (1) semesters of the four required TA and RA semesters, participate in the School of Arts and Sciences training/orientation program for TAs during their second year of study and serve on four juries within four semesters of full-time study.*

\_\_\_\_\_ served as my research assistant during

the ( )Fall / ( )Spring semester of 20\_\_\_\_,

The student undertook the following tasks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

His/her performance satisfied the research assistant requirement

Print name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Faculty member

Additional Evaluative Comments:

*Graduate Group in City and Regional Planning*

**TEACHING ASSISTANT REQUIREMENT**

*PhD students are required to serve as a TA to a member of the Graduate Group for at least one (1) semester of the four required TA and RA semesters, participate in the School of Arts and Sciences training/orientation program for TAs during their second year of study and serve on six juries within six semesters of full-time study.*

\_\_\_\_\_ served as my teaching assistant during  
the ( )Fall / ( )Spring semester of 20\_\_\_\_ in my course, \_\_\_\_\_,  
course number

\_\_\_\_\_

course title

The student undertook the following tasks:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

His/her performance satisfied the teaching assistant requirement.

\_\_\_\_\_  
Print name

\_\_\_\_\_  
Signature (Faculty member)

\_\_\_\_\_  
Date

Additional Evaluative Comments:

*Graduate Group in City and Regional Planning*

**UNIVERSITY of PENNSYLVANIA GRADUATE COUNCIL  
ORIENTATION PROGRAM FOR TEACHING ASSISTANTS**

*PhD students are required to serve as a TA to a member of the Graduate Group for at least one (1) semester of the six required TA and RA semesters AND participate in the University's Graduate Council Orientation Program for TAs after their first year of study.*

\_\_\_\_\_ participated in the University's Graduate  
Council Orientation Program for TAs during  
the ( ) Fall semester of 20\_\_\_\_\_.

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date

*Graduate Group in City and Regional Planning*

**JURY SERVICE REQUIREMENT**

*PhD students are required to serve on four juries within four semesters of full-time study*

\_\_\_\_\_ served on the \_\_\_\_\_ jury for a studio/workshop during the ( )Fall / ( )Spring semester of 20\_\_\_\_,

To be answered by the student:

The strengths and weaknesses of the presentation were:

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Print name

\_\_\_\_\_ Date: \_\_\_\_\_  
Signature, Studio/Workshop Instructor

Graduate Group in City and Regional Planning

QUALIFYING/CANDIDACY EXAMINATION: SCHEDULE

Students are responsible for scheduling their own examinations after consultation with the Graduate Group Chair and other concerned faculty. When this form is completed, return it to the Secretary of the Graduate Group who will circulate copies to your committee. One copy of each examination should be returned to the Secretary and one to the examiner.

Student's Name: Last four digits of SS#:

Preliminary Requirements Satisfied: (Please see the Graduate Group Secretary to ensure that all required forms are in your file).

Research Methods (date) Writing (date)
Research Assistant (dates) Teaching Assistant (dates)
GPA
Number of 'I' grades IF ANY.

Chairman of Examining Committee

Qualifying Examination in Planning History and Theory

Dates of the Written Examination
Format

Examiner's Signature Name of Examiner Date

First Field Title

Dates of the Written Examination
Format

Examiner's Signature Name of Examiner Date

Second Field Title

Dates of the Written Examination
Format

Examiner's Signature Name of Examiner Date

Graduate Group in City and Regional Planning

QUALIFYING/FIELD EXAMINATION REPORT:

Return completed form to the Secretary of the Graduate Group

Name of Student

Date of Oral Examination

Was this the first administration of the Candidacy Examination?

QUALIFYING/FIELD EXAMINATION

A student may be given one of five passing grades for each of the field examinations: A+, A, A-, B+, and B. The grade summarizes performance on both the written and the oral portion of the examination. Any other grade indicates failure.

- 1. Planning History and Theory
A. Dates of Examination
B. Examiner

Grade Date Signature of Examiner

- 2. First Field Title
A. Dates of Examination
B. Examiner

Grade Date Signature of Examiner

- 3. Second-Field Title
A. Dates of Examination
B. Examiner

Grade Date Signature of Examiner

DRAFT DISSERTATION PROPOSAL

Proposed Title for Dissertation

Dissertation Supervisor:

Comments and Discussion Points

Date

Signature of Dissertation Supervisor

Graduate Group in City and Regional Planning

DEFENSE OF DISSERTATION PROPOSAL

All PhD students will have an oral examination with the Dissertation Committee to defend the proposal and receive permission to proceed with the work. Students must complete this requirement within one semester of passing their field examinations. Successful fulfillment of this step advances the student to candidacy.

Student's Name: \_\_\_\_\_

Date of the Oral Examination: \_\_\_\_\_

Title of Proposal: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Dissertation Supervisor: \_\_\_\_\_

Readers' Signatures

Print Name

Date

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

All the appropriate faculty members have accepted the proposal.

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date



*Graduate Group in City and Regional Planning*

**A.M. DEGREE CERTIFICATION**

Student's Name: \_\_\_\_\_

Graduate Group: \_\_\_\_\_

Degree Date: \_\_\_\_\_

- 1. **Total Course units completed** at the University of Pennsylvania \_\_\_\_\_.
- 2. **Advanced standing for course** \_\_\_\_ units granted for work completed at \_\_\_\_\_

\_\_\_\_\_

- 3. **Research Assistant/Teaching Assistant Requirement** satisfied during the following semesters:

\_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_

- 4. **Research Methods Requirement** satisfied by taking the following courses:

\_\_\_\_\_ with \_\_\_\_\_  
 \_\_\_\_\_ with \_\_\_\_\_

- 5. **First Year Paper Requirement** satisfied: \_\_\_\_\_.

- 6. **Second-Year Paper Requirement** satisfied: \_\_\_\_\_.

- 7. **Date Qualifying (First Field) Examination** passed: \_\_\_\_\_.

- 8. **Date Field (Second and Third) Examinations** passed: \_\_\_\_\_.

- 9. **Research Requirement** for the Master's Degree satisfied by the preparation of  
 Dissertation Proposal on \_\_\_\_\_.

I certify that the above named student has fulfilled all of the requirements for the Master's degree.

Signed \_\_\_\_\_  
 Eugénie L. Birch, Graduate Group Chair

Date \_\_\_\_\_

*Graduate Group in City and Regional Planning*

<p><b>CERTIFICATION OF COMPLETION OF COURSEWORK AND PASSING OF CANDIDACY EXAMINATION</b></p>
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*(One copy of this form, signed by the Graduate Group Chair, should be submitted to the Registrar, School of Design, 110 Meyerson Hall).*

Name of Student: \_\_\_\_\_

Last four digits of SS#: \_\_\_\_\_

Graduate Group: **City and Regional Planning**

On \_\_\_\_\_, 20\_\_\_\_, the above student passed \_\_\_\_\_, failed \_\_\_\_\_  
the Candidacy Examination.

Date: \_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

*Graduate Group in City and Regional Planning*

**ANNUAL DISSERTATION PROGRESS REPORT**

Name of Student: \_\_\_\_\_  
 Year AND Term that Dissertation Status was Granted: \_\_\_\_\_

Chapter Number and Working Title	Draft Completed	Draft Not Completed

What is your current estimate of the semester and year when you will complete your Dissertation?  
\_\_\_\_\_ / \_\_\_\_\_  
 Semester Year

\_\_\_\_\_/\_\_\_\_\_  
 Student Signature Date

\_\_\_\_\_/\_\_\_\_\_  
 Dissertation Supervisor's Signature Date

*University of Pennsylvania*  
*Vice Provost of Graduate Education*

**ACCEPTANCE OF DISSERTATION**

*One copy of this form, signed by the Graduate Group Chair, and all members of the Dissertation committee, should be submitted to 16 College Hall/6378 (SAS Graduate Division Office), and one copy to the Registrar of the School of Design, 106 Meyerson.*

<b>Student's Name:</b>	<b>Last four digits of SS#:</b>
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This is to certify that the doctoral dissertation of the student named above was accepted on \_\_\_\_\_, 20\_\_\_\_\_.

The title of the Dissertation is:

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The Dissertation Committee and Vote:

Signature, Chair	Print Name	Yes or No

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date

*Graduate Group in City and Regional Planning*

**COLLOQUIUM**

*In the last stages of working on a dissertation, each student is required to present a public seminar presenting his or her research and its arguments, opening them to discussion. The Dissertation Supervisor completes this form and sends it to the Graduate Group Chair.*

Student's Name:

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Title of Dissertation:

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The seminar was held on:

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Comments:

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\_\_\_\_\_  
Signature of Supervisor

\_\_\_\_\_  
**Date**

*University of Pennsylvania*  
*Vice Provost of Graduate Education*

**CERTIFICATION OF DISSERTATION**

*(One copy of this form signed by the Graduate Group Chair should be included with two copies of the PhD. dissertation deposited in 16 College Hall/6378 (SAS Graduate Division Office).*

This is to certify that the accompanying copies of the doctoral dissertation of

\_\_\_\_\_ are complete and correct copies by the Dissertation Committee and are in satisfactory form for microfilming.

\_\_\_\_\_  
Eugénie L. Birch, Graduate Group Chair

\_\_\_\_\_  
Date

*Department of City and Regional Planning*

**SUPPLEMENTAL AFFIDAVIT TO FORM 153**

*I understand that this version of my doctoral dissertation is the final one and that no revisions to it are possible.*

\_\_\_\_\_  
PhD Candidate

\_\_\_\_\_  
Date

## NOTES