University of Wisconsin-Milwaukee
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# GRADUATE STUDIES HANDBOOK

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THE UNIVERSITY OF WISCONSIN SYSTEM

The University of Wisconsin was founded in Madison in 1849 and became a Land Grant Institution in 1892. During the history of development of the University, other campuses have gradually been added to what has become a state-wide system with 26 campuses, which includes two doctoral institutions (Madison and Milwaukee), eleven BA/MA level institutions, thirteen two-year Centers, offering associate degrees in more remote communities of the State, and an Extension Division. Approximately 160,000 students are enrolled in UW-System institutions.

THE UNIVERSITY OF WISCONSIN-MILWAUKEE

The University of Wisconsin-Milwaukee (UWM) was established in 1956 in recognition of the need for a campus in the state’s largest metropolitan area. It was formed by the merger of two institutions, both of which developed early in the Milwaukee area: the Wisconsin State College at Milwaukee, begun in 1885 and made up of the former Milwaukee Normal School and the Milwaukee State Teachers College, and the University of Wisconsin Extension Division, which had been in operation since 1907. Most downtown Milwaukee area operations moved to the present 93 acre Kenwood Campus in 1962.

UWM has grown rapidly to about 29,000 students, including over 4,500 graduate students. It now has over 120 undergraduate majors and sub-majors, 49 masters degree programs, and 21 doctoral programs. These programs, as well as broad-ranging undergraduate and extension facilities, are administered by nearly 1,500 faculty and instructional staff, aided by academic staff, teaching assistants, and administrative staff.
THE DEPARTMENT OF GEOGRAPHY AT UWM

Geography was first taught on the site of the present campus under the auspices of the Milwaukee Normal School. Interest on the part of students and faculty members resulted in the creation of the Department of Geography on July 1, 1956, coincident with the creation of the University of Wisconsin-Milwaukee. In 1959, the University undertook the task of building a graduate school. The Masters Degree Program in Geography became one of the first to receive approval in 1963. The doctoral program in Geography, inaugurated officially in the spring of 1966, was among the first three Ph.D. programs. The Department of Geography offers masters programs of study across a range of systematic, regional, and technical fields, and an innovative Ph.D. program focused on urban environments. The department’s strengths lie in three areas of expertise that are incorporated into the programs at both masters and Ph.D. levels. These areas are:

URBAN DEVELOPMENT:

This area primarily emphasizes the role of economic systems as well as cultural and social forces that shape the landscape and dynamics of urban areas. Courses examine such issues as urban growth and change, race and ethnicity in the city, cultural and physical aspects of urban planning process, and the geography of urban political decision-making.

PHYSICAL GEOGRAPHY AND ENVIRONMENTAL STUDIES:

This area addresses the interactions among natural forms and processes on the earth’s surface and human connections with those natural phenomena. Course work in this general area discusses the distribution and analysis of earth surface landforms and processes (geomorphology), soils (pedology), plants and animals (biogeography) and long-term atmospheric patterns (climatology). Emphasis is placed on the relationship between the physical environment and people, incorporating studies of, for example, natural hazards, conservation, and environmental change, and paying particular attention to the manifestations of these relationships and processes in urban environments.

INTERNATIONAL INTERESTS:

Department faculty members have varied international interests and experience, for example, in Africa, Canada, the Caribbean, China, Latin America, South Asia, and Western Europe. In addition to these departmental strengths, individual faculty members apply their expertise in topics such as GIS and remote sensing to problems of the city.
While the masters program offers a more traditional structure within which students can strengthen their knowledge of the discipline and one or more of its subfields, the department’s unique Ph.D. program is designed to be especially attractive to forward-looking students interested in urban environments who seek a flexible, versatile, 21st century graduate education with a strong emphasis on interdisciplinarity. The Ph.D. program’s urban-environmental theme is inclusive and encompassing of processes and problems associated with the intersection of human and natural environments, strongly focused on “the city” as the entity of engagement. The program breaks with long-standing tradition in the field of geography in stressing a balance between specialized analytical research and synthetic research, between traditional academic research and community engagement, and between research and teaching. It relies heavily on Geographic Information Science (GIS) as a research tool and as an organizing framework.

AMERICAN GEOGRAPHICAL SOCIETY LIBRARY

Another highlight in the growth of the Department was the acceptance by the Board of Regents, in 1976, of the Library and Map Collection of the American Geographical Society (AGS). This multi-million dollar collection was moved to UWM in August of 1978, and is now housed on the 3rd floor of the East Wing of the Golda Meir Library. It was opened for public use in January, 1981. Formerly the largest privately owned geographical research collection in the Western Hemisphere, it contains about 450,000 maps, 200,000 volumes, 200,000 LANDSAT images, 160,000 photographs, 35,000 pamphlets, 7,600 atlases and 70 globes. Its acquisition makes UWM a major research and reference center in Geography. A monthly bibliography, Current Geographical Publications, formerly published by AGS, is now published by the UWM Library-AGS Collection. The AGS Web page is at http://www.uwm.edu/Libraries/AGSL/

Internships for graduate students are available in the AGS Library.

TEACHING AND RESEARCH FACILITIES

Present facilities in the Department of Geography include its large instructional Map Collection in the James John Flannery, Sr. Map Library (now part of the AGS Library); and a Soils and Physical Geography Laboratory. Micro-computer facilities used by the Geography Department for instruction include two PC/Windows workstation labs. Software installed in these labs includes geographic information systems, remote sensing,
mapping, illustration, photo editing, desktop publishing, statistical, database management, and word processing packages. Several university DEC Alphas, other microcomputer laboratories, and multimedia facilities also are available for graduate student research.

Other research resources at UWM available to the Geography Department staff and students include the following:
- Cartography and GIS Center
  http://www4.uwm.edu/cgis/
- Great Lakes WATER Institute
  School of Freshwater Sciences
  http://www4.uwm.edu/freshwater/water_institute/
- Center for Urban Initiatives and Research
  http://www.uwm.edu/cuir/
- Center for Latin American and Caribbean Studies
  http://www.uwm.edu/clacs/
- Center for International Education
  http://www.uwm.edu/cie/
- Center for Urban Transportation Studies
  http://www.uwm.edu/cuts/
- Department of Women’s Studies
  http://www4.uwm.edu/letsci/womensstudies/
- Institute for Survey and Policy Research
  http://www.uwm.edu/ispr/
- University Information Technology Services
  http://www4.uwm.edu/uits/

**ACADEMIC APPEAL PROCEDURE**

The formal academic appeal procedure is as indicated in the current edition of the Graduate Student and Faculty Handbook. If the first appeal (step one) is to an individual Geography Department faculty member, any subsequent appeal (step two) should be made to the Geography Department's Graduate Administrative Committee. If the first appeal (step one) is to the Geography Department's Graduate Administrative Committee, any subsequent appeal (step two) should be directed to the Geography Department Chairperson, who will appoint an ad hoc committee to hear the subsequent appeal. Members of the Geography Department's Graduate Administrative Committee will not serve on the ad hoc committee appointed by the Chairperson.
FINANCIAL AID FOR GRADUATE STUDENTS

The Department offers a limited number of Teaching Assistantships (usually 33% appointments) and Project Assistantships. Teaching and Project Assistantships are awarded annually by the Department on a competitive basis, as are University Graduate School Fellowships, Dissertation Fellowships, Summer Fellowships, Non-Resident Tuition Remission Scholarships and Advanced Opportunity (AOP) Fellowships. Research and Project Assistantships are also awarded by faculty members holding research grants. Thanks to the generosity of the estate of former UW-Milwaukee Geography Professor Mary Jo Read, the department is also able to offer a variety of student scholarships, including TA/PA supplemental awards of up to $10,000 per year, and research travel support awards of up to $1,000 per year. Separate applications for all awards must be made annually. Forms and deadline information are available from the Geography Department.

Consistent with the quality of the academic records of candidates for assistantships, available positions are allocated between newly entering graduate students and continuing graduate students each year. Graduate School fellowships and departmentally funded assistantships (teaching or project) count as departmental support. Continuing graduate students must be making satisfactory academic progress and adequately performing their assistantship duties to be considered in “good standing” for continued support. Masters candidates in good standing are eligible for two years of departmental financial support. Students admitted to the doctoral program with master’s degrees, in good standing, are eligible to receive three years of departmental support. A fourth year of support may be granted, provided that the doctoral student continues to be in good standing and applies (as principal or co-principal investigator) to at least two funding agencies outside the department for an academic year award that would significantly support their studies during the fourth year. Students directly admitted to the doctoral program (after their bachelors degree) are eligible for five years of departmental support, given that they are in good standing. Fifth-year funding for directly admitted doctoral students is subject to the same conditions as for fourth year funding of regularly admitted doctoral students. Doctoral students who have reached dissertator status may be offered teaching assistantships beyond the above eligibility criteria as part of their professional development. Teaching Assistants holding 33% appointments or more must register for at least six credits of work per semester. Graduate Assistants must maintain a 3.00 grade point average in all graduate course work.
THE GEOGRAPHY GRADUATE PROGRAM
For more information on the UW-Milwaukee Graduate Program, visit
http://www.graduateschool.uwm.edu/students/prospective/areas-of-study/

DEGREES OFFERED
• Doctor of Philosophy.
• Master of Science in Geography.
• Master of Arts in Geography.
• Coordinated MA/MLS Program in Geography and Library Science.

Masters degree programs can also include the Certificate Program in Geographic Information Systems, administered by the Department of Urban Planning. Graduate training offers advanced instruction, introduction to research methods, and guidance, stimulation and encouragement for independent inquiry. Graduate training differs significantly from undergraduate instruction in that it demands of the student a higher degree of responsibility, initiative and independence, the capacity for critical evaluation, and originality of thought.

ENTRANCE TO THE GRADUATE PROGRAM
A Bachelors degree is required for admission to the Masters program; a Masters degree is usually required for admission to the Doctoral program. If previous training was not in geography, students may be required to complete courses to eliminate deficiencies. Past course work will be compared to the core requirements of the UWM Geography (bachelors and masters degree applicants), or the core requirements of UWM Geography bachelors and masters degrees (for Doctoral degree applicants) in order to determine any deficiencies that need to be satisfied as a condition of acceptance. Applicants must have a minimum grade point average in all academic subjects of 2.75 (on a 4.0 scale) and acceptable scores on the Graduate Record Entrance Exam (GRE). Three current letters of recommendation, preferably from academic referees, must be sent directly to the Geography Department. Departmental policy is to admit students into degree programs starting in the Fall semester only, because of the inherent disadvantages to students entering the program at other times.

STUDENTS’ ADVISORY COMMITTEES
The Chairperson of the Graduate Student Administrative Committee is normally the initial advisor for all new graduate students. Within a semester the student should elect an advisor in the field of his/her research interest, who serves as major professor and chair of the students’ Advisory Committee.
Other members of the Advisory Committee (two for Masters, four for Ph.D.) are selected by the student and the major professor of the Advisory Committee. The major professor must, and the other members of the Advisory Committee should be chosen from the Department faculty. If appropriate, Committee members may be selected from other departments at UWM, and/or with Graduate School permission, one member of the committee may be from outside UWM. Additional members may be added as dictated by the student’s special interests. As the student pursues his/her studies, it is possible that research interests will change. As a consequence, Advisory Committee membership may also change, subject to approval by the current Committee members and the Graduate Student Administrative Committee.

Primary responsibility for evaluating the student’s progress lies with the student’s major professor and the Advisory Committee, who base their judgments on course and seminar work, consultation with other faculty members, personal conversations and consultations about theses and dissertations, and general intellectual progress of the student.

For a masters student the Advisory Committee, consisting of the major professor and two other faculty members, guides the individual program and thesis work, judges the quality of the thesis, and administers and evaluates the final Masters examination. In addition, the major professor presents the topic of the thesis to the Graduate Faculty of the Department for approval, and makes the recommendation to the Graduate School to grant the degree.

For a doctoral student the Advisory Committee, consisting of the major professor and four other faculty members, guides the individual program and dissertation work, arranges the preliminary examination, recommends that the student be advanced to candidacy, conducts the final dissertation defense examination and makes recommendation to the Graduate School to grant the degree. The major professor presents the dissertation topic to the Graduate Faculty of the Department for approval.

**COLLOQUIA AND THESIS PRESENTATION**

Graduate students in residence must present their research in a Departmental Colloquium before taking the final examination, and preferably much earlier. All graduate students in residence must attend all Colloquia.
THE MASTER’S DEGREE

The MA normally is awarded to those who concentrate in cultural or human geography, whereas the MS is awarded to those who concentrate in physical geography. Students must elect to pursue either the MA or MS option during their first semester in the program. A minimum of 6 credits in physical geography or natural science courses appropriate to the student’s area of study are required for the MS. Students may also elect to complete their degree through either a thesis or non-thesis track.

1. Admission. An applicant must meet Graduate School requirements plus these departmental requirements to be considered for admission:

   • Evidence of general intellectual ability and compelling interest in geography. An undergraduate major in geography is desirable as evidence of such ability and interest but is not required. Past coursework will be compared to the core requirements of the UWM Geography bachelors degree in order to determine any deficiencies that need to be satisfied as a condition of acceptance.

   • Submission to the Geography department of three letters of recommendation supporting application.

   • Submission of recent GRE scores.

   • Departmental approval, based on thorough evaluation of applicant’s potential for professional development.

2. Major Professor as Adviser. The student must have a major professor to advise and supervise the student's studies as specified in Graduate School regulations. The Chair of the Graduate Student Administrative Committee is a temporary adviser; within the first semester the student selects an adviser in the student's specialization.

3. Credits and Courses. Minimum degree requirement is 30 graduate credits with an average GPA of 3.0. The student, in consultation with the adviser, plans a program of studies to include 4 credits in Geography 525 (Geographic Information Science); 4 credits in Geography 547 (Spatial Analysis); 3 credits in Geography 810 (Introduction to Techniques of Research and Presentation); 3 credits in Geography 870 (Contemporary Geographic Approaches); and 12 credits in graduate level (700 and above) courses approved by the student's advisor (at least 3 of these credits must be in one Geography graduate seminar course). The remaining 4 credits will be earned in the student’s capstone project (see Thesis Track and Non-Thesis Track information below). The student also must attend Geography colloquia regularly while in residence and must present her/his thesis research at a departmental colloquium.
4. **Thesis Track.** The student must register at least 4 credits of Geog 890: Research and Master’s Thesis (approved by the student’s advisor). In addition, the student, through the adviser, must present a proposed thesis topic and Advisory Committee to the Graduate Faculty of the Department for its approval. For students electing the MS option, the Faculty will also judge the appropriateness of the thesis topic for that degree. The student must then write a thesis acceptable to the major professor for presentation to the Advisory Committee (two faculty in addition to the advisor). The defense date for the thesis must be set at least two weeks prior to the Graduate School deadline for completion of all work. The thesis must be approved by the adviser and delivered to the committee at least six weeks prior to the defense date. Students must submit the thesis to the adviser in sufficient time to meet the committee deadline. Exceptions to these deadlines under unusual circumstances must be approved unanimously by the student’s committee. In addition to submission of the final thesis to the Graduate School (according to their required procedure), the candidate must submit the Geography Department with an electronic copy which meets Graduate School specifications for quality. This copy will remain on file in the department.

5. **Non-Thesis Track.** This track is intended for students who are not interested in continuing their graduate education beyond the Masters, and plan to seek professional employment. The MA degree will normally be awarded upon completion of this track. Those who wish a MS degree must formally petition the Graduate Faculty in writing, providing a rationale as to why that degree is appropriate to their program. The student must complete at least 4 credits of graduate work (approved by the student's advisor) as either:

- **a.** two research papers (Geog 999)
  Students pursuing the non-thesis track through the two research paper option must choose two separate topics, and conduct extended literature reviews on the topics, although other possibilities, such as a small research project, should not be excluded. The papers are expected to be 25-50 pages apiece. The student is expected to have an oral defense with three committee members regarding the two papers. According to current guidelines, the student is not expected to present his/her papers to the colloquium series.

- **b.** a graduate internship (Geog 698 or Geog 889—note that Geog 810 is a prerequisite for Geog 889)
  Students pursuing the non-thesis track through the graduate internship should conduct at least 180 hours of internship. The internship should be related to the student's academic area of interest and must be approved by the adviser. The student is expected to write a scholarly
paper of 25-50 pages length that connects the internship to the appropriate literature. The student must have a committee of three faculty members, and is expected to go through an oral defense with the committee members regarding the internship paper. According to current guidelines, the student is not expected to present his/her internship paper to the colloquium series.

6. Comprehensive Examination. In combination with the thesis defense (or after completion of the work for the non-thesis track), the student must pass a final oral examination over the field of geography, administered by the student’s Advisory Committee. Scheduling this examination during the summer is not permitted except under unusual academic circumstances and with the approval of the department faculty.

7. Time Limit. This program is designed to be completed in two years of full-time attendance. The Graduate School requires that all degree requirements be completed within five years of initial enrollment.

MASTERS IN GEOGRAPHY/LIBRARY AND INFORMATION SCIENCE

In cooperation with the School of Information Studies, the Department offers an MA/MLIS coordinated program to prepare students for positions as map librarians. Students in the program pursue concurrently a Master of Arts in Geography degree program and a Master of Library and Information Science degree program, with an emphasis on Map Librarianship. Prerequisite to the award of either degree in this program is the simultaneous award of its counterpart degree.

For students in this program, all the requirements and standards of the Geography concentration are exactly as the regular MA program, with the exception that the course Cartographic Resources in Libraries (Library Science 683) counts as one of the required courses. For additional information on this program see The School of Information Studies (SOIS) web page: http://www4.uwm.edu/sois/

Many unique opportunities for map librarianship fieldwork at UWM are provided by the American Geographical Society Library.
DOCTOR OF PHILOSOPHY IN GEOGRAPHY

1. **Admission.** An applicant must meet Graduate School requirements to be considered for admission to the program. Students from a wide range of disciplinary backgrounds may be admitted. They must present the following credentials:
   - Master’s degree.
   - Statement of interest in the program.
   - Substantial evidence of scholarly potential and commitment.
   - Three letters of recommendation, submitted to the Geography Department.
   - Recent (within five years) GRE scores

   In some instances where the applicant's record demonstrates exceptional promise, the Department will consider applications for admission to the Ph.D. program directly from a BA/BS degree. Such admission does not constitute a waiver of any of the requirements indicated below.

   The Graduate Program Committee, during the admission process, will evaluate an applicant's academic backgrounds and will assign deficiencies based on a comparison of his/her background and the proposed specific area of study as outlined in the student's statement of interest. In general, the department seeks students with: a) potential for planning and successfully completing an independent scientific research project, as evidenced by a Masters thesis and/or other appropriate materials; b) basic statistical analysis skills; c) interest and/or ability in evaluating problems related to the urban environment with a spatial framework; and d) interest in examining research questions within a multi-disciplinary (human/physical) team environment.

2. **Reapplication.** A student who receives the masters degree from UWM must formally reapply for admission to the Graduate School before continuing studies toward the Ph.D.

3. **Major Advisor and Committee.** The student must have a major professor to advise and supervise the student’s studies as specified in Graduate School regulations; the student may not register for any courses without that adviser’s prior approval. The Chair of the Graduate Student Administrative Committee is a temporary adviser; within the first semester the student selects an adviser within the area of specialization. Each student, preferably after completion of the first year of study, also will select four additional members of the faculty/qualified professions to form his/her advisory committee. A majority of the committee members must be core geography faculty members. Affiliated faculty members from other departments may serve as major advisors.
4. **Graduate Student Orientation.** All new students are expected to participate in the Department Orientation program, offered during the week prior to the start of Fall classes. If a student enters the program in the Spring, s/he must participate in this program during the subsequent Fall semester. New students will be paired with an experienced student mentor during their first year. Instructional opportunities sponsored by the Center for Instruction and Professional Development (CIPD) and the Preparing Future Faculty (PFF) initiative will be offered to all teaching assistants and other interested students enrolled in the doctoral program.

5. **Course of Study.** Minimum degree requirement is 54 graduate credits beyond the bachelor’s degree, at least 27 of which must be earned in residence at UWM with a minimum GPA of 3.0.

Under the guidance of the Advisory Committee, the chair of which serves as the student’s major professor, the student plans a program of study leading to the development of a special interest. All programs of study contain the following four elements: core concepts and methods, thematic focus, elective courses (as needed to meet the total credit requirement), and dissertation.

*Note: New courses and requirements planned or under development are designated with a (1).*

**CORE CONCEPTS AND METHODS (FOUR COURSES)**
All students must take the following foundation courses:
- Geog 525 Geographic Information Systems
- Geog 870 Contemporary Geographic Approaches
- Any Geography Graduate Seminar

One of the following three courses:
- Geog 403 Remote Sensing: Environmental and Land Use Analysis
- Geog 547 Spatial Analysis
- Geog 727 Qualitative Research

**THEMATIC FOCUS (AT LEAST THREE COURSES)**
Students, with their advisor’s approval, must select a minimum of three courses that together confer specialized expert knowledge in one thematic area. The courses selected do not have to come from a single list, and may include other courses not listed.

**Local Places: Problems and Issues:**
Relevant courses include:
Geog 410 Gendered Geography
Geog 441 Geography of Cities and Metropolitan Areas
Geog 455 Applied Climatology
Geog 464 Environmental Problems
Geog 564 Urban Environmental Change and Social Justice
Geog 730 Urban Growth Management
Geog 734 GIS and Society
Geog 945 The Internal Structure of the City
Geosci 465 Advanced Environmental Geology
UrbPlan 720 Urban Development Theory and Planning
UrbStd 981 Perspective Toward Change in Urban Social Institutions

Global and Regional Perspectives:
Relevant courses include:
Geog 400 Population Geography
Geog 430 Geography of Transportation
Geog 440 City Systems and Metropolitan Development
Geog 443 Cities of the World: Comparative Urban Geography
Geog 540 Globalization and the City
Geog 740 Urban Environmental Strategies in the Developing World
    Geog 742 Urban and Regional Dimensions of Globalization
Geog 744 Cities, Regions, and Globalization
Geosci 470 Engineering Geology
UrbPlan 780 Seminar in Environmental Planning Issues
UrbStd 701 Comparative Urban Development

Monitoring and Modeling Urban Dynamics:
Relevant courses include:
Geog 403 Remote Sensing: Env./Land Use Anal. (if not taken in core)
Geog 411 Physical Climatology
Geog 420 Methods and Principles in Landform Geography
Geog 520 Physical Geography of the City
Geog 547 Spatial Analysis (if not taken in core)
Geog 625 Intermediate GIS
Geog 650 Geography Field Work
Geog 703 Advanced Remote Sensing
Geog 725 Advanced GIS
Geog 727 Qualitative Research (if not taken in core)
Geog 750 Remote Sensing and Urban Analysis
Geosci 730 Modeling Techniques for Hydrogeology
UrbPlan 721 Applied Planning Methods
UrbStd 725 Methods of Urban Community Development
RESEARCH TECHNIQUES (ELECTIVE COURSE):

Students who have not taken research techniques course in their prior graduate program are advised to complete Geog 910, Techniques of Research and Presentation, an introduction to theoretical and practical aspects of geographic research, funding, presentation, and publication. Ideally, the student should enroll in this course after their first full year of courses, but no later than their fourth semester, after they have completed the majority of CORE requirements. The course is designed to assist students with the initiation of their Ph.D. dissertation research.

6. Foreign Language Requirement. If appropriate to the proposed area of study, the student’s committee will require that s/he acquire the necessary competence in a foreign language. The major professor will supervise the completion of this requirement with input from the committee as necessary.

7. Elective Courses. Courses taken from geography or cognate fields to achieve the total of 54 credits (beyond the bachelors degree) required for the Ph.D. degree. Students must have the approval of their advisors for the elective courses.

8. Dissertation. The candidate must write an acceptable dissertation that demonstrates formulation, design, and independent execution of a significant research project. The dissertation must make an original contribution to knowledge in the field of geography. It may focus on geographical theory, methodology, data, or analysis, or it may involve collaborative approaches, interdisciplinary syntheses, and integrative solutions appropriate to the focus of the student's graduate program of study.

9. Portfolio Evaluation. By the end of the first full academic year in the program, each student will undergo a formal portfolio evaluation by the members of the faculty in order to determine the student's readiness to continue in the program. This evaluation will include inspection of all written work produced in courses, commentary by relevant instructors, and any other materials the student chooses to submit. The possible outcomes of this review will be:

   a) PASS (student continues with the normal second year of their program);
   b) FAIL (student is recommended for academic dismissal); or c) PROBATION (student is counseled to take specific courses or other actions to achieve the necessary readiness to continue in the program).

In the case of a recommendation of Probation, the student will be re-evaluated after an additional semester. If this second review does not result in a decision to PASS, the student will be recommended for academic dismissal.

10. Residence. The student must meet minimum Graduate School residence requirements of one continuous academic year of full-time
graduate studies at UWM. This can be satisfied by completing 8 to 12 graduate credits in each of two consecutive semesters, or 6 or more graduate credits in each of three consecutive semesters, exclusive of summer sessions. Residence credit cannot be earned at the master’s level or before the master’s degree is awarded.

11. **Doctoral Preliminary Examination.** Each student will undergo comprehensive written and oral examinations, which are designed to assess the student's preparedness to undertake the proposed doctoral dissertation research. To demonstrate appropriate progress, students should take these exams by the end of their fourth semester in the program. The student's committee, adviser, and proposed dissertation topic must be approved formally by the Geography Departmental Faculty prior to the scheduling of these exams. A Proposed Ph.D. Program/Plan of Study must be filed with the major professor prior to the Preliminary Examination. Successful completion of these exams leads to candidacy, when work on the dissertation can commence.

The student’s adviser, as Chair of the Advisory Committee, will organize and administer the examination. The content of the examination will be determined by the student’s area of interest. The scope of the examination will be determined by the student’s Advisory Committee. The written exam will be “open book” and consist of one “eight hour” question and two “four hour” questions. A student judged qualified by the majority of the five-member Advisory Committee will be admitted to candidacy. A student judged not qualified by the majority of the Advisory Committee will not be admitted to candidacy at the time of the examination but will be given an opportunity to retake the examination once, after a waiting period of at least one semester. At the discretion of the Advisory Committee, the second examination will be either a complete reexamination or a partial examination over the parts in which the student failed to qualify. A student receiving a negative vote of the Advisory Committee after the second examination will be recommended for academic dismissal. The student will be informed of the reasons for failure to qualify.

12. **Presentations.** Each student must make two presentations at Department Colloquia. The first presentation will be scheduled early in the student's program; it is designed to give the student experience in making formal presentations. The second presentation will communicate the student's dissertation research topic and preliminary results.

13. **Dissertation.** As mentioned above, the candidate must write an acceptable dissertation. The defense date for the dissertation must be set at least two weeks prior to the Graduate School deadline. The dissertation must be approved by the major professor and delivered to the student’s advisory
committee at least six weeks prior to the defense date. A student must submit the dissertation to the advisor in sufficient time to meet the committee’s deadline. Exceptions to these deadlines under unusual circumstances must be approved unanimously by the student’s committee.

14. **Dissertation Defense.** The candidate must, as the final step toward the degree, defend the dissertation before the Advisory Committee. Scheduling the dissertation defense during the summer is not permitted except under unusual academic circumstances and with the approval of the department faculty. If the candidate passes the defense, the Advisory Committee will recommend to The Graduate School that a degree of Doctor of Philosophy be conferred.

15. **Time Limit.** All degree requirements must be completed within ten years from the date of initial enrollment in the doctoral program. For additional information on Graduate School Ph.D. requirements, see the Ph.D. section of the Graduate Student and Faculty Handbook.

16. **Special Issues for Directly Admitted Students.** Students directly admitted to the Doctoral program after completion of their bachelors degree will not earn a Masters degree during the course of their studies. Further, formal doctoral status (which affects stipend rates and the ability to fulfill the residency requirement) will not be granted until the student has completed 24 credits in the program. Lastly, no more than 12 dissertation credits can be used to satisfy the 54 credit doctoral degree requirement.

17. **Submission of Completed Dissertation.** In addition to submission of the final dissertation to the Graduate School (according to their required procedure), the candidate must submit the Geography Department with an electronic copy which meets Graduate School specifications for quality. This copy will remain on file in the department.
LIST OF COURSES OFFERED FOR GRADUATE CREDIT BY THE DEPARTMENT OF GEOGRAPHY

Course Number
400 Population Geography
410 Gendered Geographies
403 Remote Sensing
405 Cartography
411 Physical Climatology
415 Hydrogeography
420 Methods and Principles in Land Form Geography
421 Geography of Latin America
424 Karst Geomorphology
425 Land Form Geography of the United States
430 Geography of Transportation
440 City Systems and Metropolitan Development
441 Geography of Cities and Metropolitan Areas
443 Cities of the World: Comparative Urban Geography
450 Climates of the Past and Climate Modification
455 Applied Climatology
462 Cultural Geography of Latin America
464 Environmental Problems
470 Geography of South Asia
475 Geography of Soils
480 Techniques in Quarternary Palynology
515 Watershed Analysis and Modeling
520 Physical Geography of the City
525 Geographic Information Science
540 Globalization and the City
547 Spatial Analysis
564 Urban Environmental Change and Social Justice
625 Intermediate GIS
650 Geography Fieldwork
654 Tropical Field Work Course
698 GIS/Cartography Internship
703 Advanced Remote Sensing
725 Advanced GIS
727 Qualitative Methods
734 GIS and Society
742 Urban and Regional Dimensions of Globalization
744 Cities, Regions, and Globalization
750 Remote Sensing and Urban Analysis
810 Introduction to Techniques of Research and Presentation
870 Contemporary Geographic Approaches
880 Challenges to Urban Sustainability
885 Practicum
888 Candidate for Degree
889 Internship in Geography
890 Research and Masters Thesis
905 Seminar: Selected Topics in Geography
910 Techniques of Research and Presentation
930 Seminar: Cultural Geography
931 Seminar: Population Geography
932 Seminar: Economic Geography
934 Seminar: Urban Geography
940 Seminar: Physical Geography
941 Seminar: Climatology
942 Seminar: Geography of Land Form
945 The Internal Structure of the City
950 Seminar: Regional Geography
960 Seminar: Geographic Techniques
990 Research and Doctoral Dissertation
999 Independent Work
STUDENT RECORD SHEET - CHECK LIST OF DOCTORAL REQUIREMENTS

Name:

Major Professor:
Advisory Committee Members:

Date Entered Program: / / 

Masters Degree: Date / / Institution:

Portfolio Evaluation: Date / / Result:

Program Core:

Courses                                      Date Fulfilled, Waived   Nature of Substitution or Substituted

525                                      / / 

870                                      / / 

Graduate Seminar Course                     / / 

2nd Methods:                               / / 

(____)                                      / / 

Thematic Focus:
Courses:
Elective Courses Taken to Fulfill Credit Minimum:

Participation in Other Field Trips:

Presentations in Colloquium or Other Special Presentations:
1.
2.

Date Dissertation Topic Accepted by the Graduate Faculty: __/__/ 

Date Language Requirement Passed (if required by committee): __/__/ 

Language: 

Date Proposed Ph.D. Program/Plan of Studies Filed: __/__/ 

Date (Qualifying) Examination Passed: __/__/ 

Residency Requirement Satisfied (one continuous year of full-time 8-credit level, or 6 credits for three consecutive semesters, excluding summer semester, graduate studies at UWM):

Graduate School Credit Requirement Satisfied (54 graduate credits beyond Bachelors with average GPA of 3.0):

Dissertation:

Title of Dissertation: 

Date Dissertation Approved: __/__/ 

Date Final Examination (Dissertation Defense) Passed: __/__/ 

Date Degree Awarded: __/__/ 

21
STUDENT RECORD SHEET - CHECK LIST OF MASTERS REQUIREMENTS

Name:

Major Professor:

Advisory Committee Members:

Date Entered Program: / / Track: Thesis Non-thesis

Degree Program: M.A. in Geography M.S. in Geography

Credits:

<table>
<thead>
<tr>
<th>(Minimum 26)</th>
<th>Courses</th>
<th>Date Fulfilled</th>
<th>Date Waived</th>
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<td>4</td>
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3 Grad. Course #1 Prof. _____________ Topic:

3 Grad. Course #2 Prof. _____________ Topic:

3 Grad. Course #3 Prof. _____________ Topic:

3 Grad. Seminar Course Prof. _____________ Topic:

Other Courses and Seminars to Fulfill Credit Minimum:

_______ TOTAL CREDITS
Date(s) of Colloquium Presentation(s):

__/__/  __/__/  __/__/  

**Thesis Students only (4 Credits of Geog 890):**

Date Topic Accepted by Graduate Faculty: __/__/ 

Title of Thesis: 

Date Thesis Approved: __/__/ 

**Non-thesis Students only (4 Credits of Geog 990, 698 or 889):**

Option completed: Two Research papers Graduate Internship 

Description: 

Date Completed: __/__/ 

Date Final Oral Examination Passed: __/__/ 

Date Degree Awarded: __/__/
RESIDENT FACULTY

Anne Bonds, Assistant Professor
Office: Bolton Hall 462
Phone: 414-229-4872
Email: bondsa@uwm.edu

Curriculum Vitae Highlights:
  B.S. Economics, University of Wyoming, 2001
  M.A. Women’s Studies, University of Arizona, 2003
  Ph.D. Geography, University of Washington, 2008

Research and Teaching Interests:
Research Interests:
• Political economy
• Neoliberal restructuring and governance
• Social theory and the production and management of difference
• The politics of poverty and welfare reform

Teaching Interests:
• Economic Geography
• Global Political Economy
• Urban Geography
• Geographies of Poverty and Inequality
• Geographies of gender
• ‘Race’/ethnicity and class

Representative Publications
Calling on Femininity? Gender, Call Centers, and Restructuring in the Rural
Woonsup Choi, Assistant Professor

Office: Bolton Hall 496
Phone: 414-229-2671
E-mail: choiw@uwm.edu

Curriculum Vitae Highlights:
Ph.D., Geography, University of Illinois, Urbana, Illinois, USA, 2005.

Research and Teaching Interests:
• Hydroclimatology
• Hydrological modeling
• Effect of climate change and urbanization on water resources
• Geographical Information Sciences

Representative Publications:
Forest cover changes in North Korea since the 1980s (with S. Kang), Regional Environmental Change, forthcoming.
Michael J. Day, Professor

Office: Bolton Hall 456
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E-mail: mickday@uwm.edu

Curriculum Vitae Highlights:

Research and Teaching Interests:
• Geomorphology, especially Karst Landscapes
• Conservation, Protected Areas
• The Caribbean and Central America
• Southeast Asia

Representative Publications:
Glen G. Fredlund, Associate Professor, Undergraduate Program Co-chair, and Director, Conservation and Environmental Science Program

Office: Bolton Hall 486
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E-mail: fredlund@uwm.edu

Curriculum Vitae Highlights:
B. A., Anthropology, Department of Geography and Anthropology, Louisiana State University, Baton Rouge, 1977.
M. A., Anthropology, Department of Geography and Anthropology, Louisiana State University, Baton Rouge, 1983.
Ph. D., Interdepartmental Special Studies Degree Program, Quaternary Studies, Departments of Geology, Geography, and Systematics and Ecology, University of Kansas, Lawrence, 1992.

Research and Teaching Interests:
• Biogeography: Quaternary Climate Change and Vegetation Response, Landscape Ecology, GIS, and Conservation
• Geomorphology: Fluvial and Eolian Response to Climate Change
• Soils Geography: Soil Development and Landscape Evolution
• Geoarchaeology: Reconstruction of Vegetation and Climate for Archaeology

Representative Publications:
Digital infra-red photography for recording painted rock art (with Linea Sundstrom) Antiquity, 2007, Vol 81, pp 733–742
Aeolian cliff-top deposits and buried soils in the White River Badlands, South Dakota, USA (with J. E. Rawling III and S. Mahan), The Holocene, 13(1), 2003, pp. 121-129.
Phytolith and Carbon Isotope Evidence for Late Quaternary Vegetation and Climate Change in the Southern Black Hills, South Dakota, (with L.L. Tieszen), Quaternary Research, 47, 1997, pp. 206-217.
Rina Ghose, Associate Professor, Graduate Program Chair

Office: Bolton Hall 450
Phone: 414-229-4797
E-mail: rghose@uwm.edu

Curriculum Vitae Highlights:
Ph. D., Geography, University of Wisconsin-Milwaukee, Milwaukee, 1998.

Research and Teaching Interests:
• Critical GIS, Public Participation GIS, GIS in Urban Governance
  Qualitative GIS, Societal Implications of Digital Technology
• Urban Geography, Gentrification, Urban Governance, Citizen
  Participation, Urban Community Gardens, Food Deserts and Food
  Accessibility
• India and South Asia, North America

Representative Publications:
Politics of Scale and Networks of Association in PPGIS, Environment and
The Complexities of Citizen Participation through Collaborative Governance,
Space and Policy, 9(1), 2005, pp. 61-75.
Big Sky or Big Sprawl? Rural Gentrification and the Changing Cultural
Landscapes of Missoula, Montana, Urban Geography, 25 (6), 2004,
pp. 528-549.
PPGIS in Community Development Planning: Framing the Organizational
Context (with S. Elwood), Cartographica, 38 (3&4), Fall/Winter, 2001
(actual publication year 2004), pp.19-33.
India.com: Construction of a Space Between (with P. Adams), Progress in
Investigating Community Participation, Spatial Knowledge Production and
GIS Use in Inner City Revitalization, Journal of Urban Technology, 10
(1), 2003, pp. 39-60.
Use of Information Technology for Community Empowerment: Transforming
Geographic Information System into Community Information Systems,
Ryan Holifield, Assistant Professor
Office: Bolton Hall 434
Phone: 414-229-4868
E-mail: holifiel@uwm.edu

Curriculum Vitae Highlights:
Ph. D., Geography, University of Minnesota, Minneapolis, 2007.

Research and Teaching Interests:
• Environmental Geography/Human-Environment Relations
• Environmental Justice/Urban Political Ecology
• Hazardous Waste Site Risk Assessment and Remediation
• Science Studies/Geographies of Scientific Knowledge
• Critical Geographic, Social, and Political Theory
• Great Lake States, Provinces, and Tribal Lands

Representative Publications:
Anna Mansson McGinty, Associate Professor

Office: Bolton Hall 478 (Women’s Studies, Bolton 742)
Phone: 414-229-2650 (Women’s Studies, 229-6059)
E-mail: mansson@uwm.edu

Curriculum Vitae Highlights:
M. A., European Ethnology, Lund University, 1996.
Ph. D., European Ethnology, Lund University, 2002.

Research and Teaching Interests:
• Islam and Muslim Women in North America and Europe
• Identity Formation, Gender, Conversion to Islam
• Islamic Feminism, Ethnographic Method, Social Theory
• Cultural Theory, Person-Centered Ethnography
• Psychological Anthropology

Representative Publications:
Muslim efter noggrant val. Invandrare och Minoriteter nr 1, 2003.
Linda McCarthy, Associate Professor and Undergraduate Program Co-chair
Office: Bolton Hall 472
Phone: 414-229-6405
E-mail: lmccarth@uwm.edu

Curriculum Vitae Highlights:
B. A., Geography and Archaeology, University College Dublin, Ireland, 1989.
Ph. D., Geography, University of Minnesota, Minneapolis, 1997.
A.I.C.P. (Certified Planner, American Institute of Certified Planners), 2000.

Research and Teaching Interests:
- Comparative Urban and Regional Economic Development and Planning in the U.S.A. and Europe
- Brownfield Redevelopment
- Automobile Industry
- Globalization of the Economy

Representative Publications:
Mark D. Schwartz, Distinguished Professor

Office: Bolton Hall 490
Phone: 414-229-3740
E-mail: mds@uwm.edu

Curriculum Vitae Highlights:
B. S., Lyman Briggs College (Earth Sciences), Michigan State University, East Lansing, 1980.
M. S., Geography (Climatology), Michigan State University, East Lansing, 1982.
Ph. D., Geography (Climatology), University of Kansas, Lawrence, 1985.

Research and Teaching Interests:
• Plant-Climate Interactions During the Onset of Spring in Mid-latitudes, especially relating to Phenology
• Synoptic Climatology of North America, especially Applications of Air Mass Analysis
• Detecting Climatic Change
• Assessing Vegetation Condition with Remote Sensing Imagery

Representative Publications:
Onset of Spring Starting Earlier Across the Northern Hemisphere (with R. Ahas and A. Aasa), Global Change Biology, 12(2), 2006, pp. 343-351.
Examining the Onset of Spring in China (with X. Chen), Climate Research, 21(2), 2002, pp. 157-164.
Kristin M. Sziarto, Assistant Professor

Office: Bolton Hall 468
Phone: 414-229-3941
E-mail: sziarto@uwm.edu

Curriculum Vitae Highlights:
Ph. D., Geography, University of Minnesota, Minneapolis, 2007.

Research and Teaching Interests:
- Social Movements and Spatiality
- Democratic Theory
- Religion-Labor Alliances
- Immigration Policies and Immigrant Politics in the U.S.
- Health Care Industry and its Role in Urban Economic Development
- Gender, Sexuality and Urban Space
- Qualitative Methods

Representative Publications:
Immigrants Riding for Justice: Space-time and emotions in the construction of a counterpublic (with H. Leitner), under review.
Spatial Negotiations: the politics of identity and location in (re)namining a religion-labor alliance, in preparation.
Changshan Wu, Professor and Department Chair

Office: Bolton Hall 482
Phone: 414-229-4860
E-mail: cswu@uwm.edu

Curriculum Vitae Highlights:
B. S., Urban and Environmental Sciences, Peking University, China, 1995.
Ph. D., Geography, The Ohio State University, Columbus, 2003.

Research and Teaching Interests:
• Geographical Information Sciences
• Remote Sensing
• Spatial Analysis and Quantitative methods
• Urban geography
• Transportation

Representative Publications:
Hyejin Yoon, Assistant Professor

Office: Bolton Hall 449
Phone: 414-229-4861
E-mail: yoon3@uwm.edu

Curriculum Vitae Highlights:
B.A., Geography Education, Dongguk University, Seoul, Republic of Korea, 1996.
M.A., Geography, Dongguk University, Seoul, Republic of Korea, 1999
Ph.D., Geography, Ohio State University, Columbus, OH, 2008.

Research and Teaching Interests:
• Economic geography
• Urban geography
• Geography of Asia

Representative Publications:
Zengwang Xu, Assistant Professor

Office: Bolton Hall 479
Phone: 414-229-4874
E-mail: xuz@uwm.edu

Curriculum Vitae Highlights:
B. E., Surveying Engineering, Southwestern Jiaotong University, China, 1995.
M. S., Geography, Nanjing University, China, 1998.
Ph. D., Geography, Texas A&M University, 2007.

Research and Teaching Interests:
• Geographical Information Sciences
• Spatial analysis and modeling
• Complex networks/systems theory
• Complex urban systems, transportation networks, and epidemic diffusion

Representative Publications:
A spatial and temporal autocorrelated growth model for city rank size distribution (with Robert Harriss), Urban Studies, 47, 2010, pp321-335


VISITING FACULTY
Assistant Professor Alison Donnelly

ADJUNCT FACULTY
Assistant Professor Kirsten M. Beyer
Research Analyst Jonathan M. Hanes
Professor Frederick E. Nelson

EMERITUS FACULTY
Associate Professor Emeritus Karel Bayer
Professor Emerita Barbara Borowiecki
Professor Emeritus Donn K. Haglund
Professor Emeritus Ludwig E. Holzner
Associate Professor Emerita Judith Kenny
Distinguished Professor Emeritus Harold M. Rose
Associate Professor Emeritus Norman R. Stewart
PH.D. DEGREES AWARDED BY THE DEPARTMENT OF GEOGRAPHY AT UW-MILWAUKEE

Aug-13  Chengbin Deng, “Small-area Population Estimation: An Integration of Demographic and Geographic Techniques” (Wu)


Dec-11  Rama Mohapatra, “Monitoring and Modeling Urban Growth using Remote Sensing and GIS Technologies”. (Wu)

            Jonathan Matthew Hanes, “Examining the Spring Phenology of a Northern Mixed Forest at Multiple Scales”. (Schwartz)

Aug-10  Greg Rybarczyk, “Bicycle Travel Demand Forecasting using Geographic Information Systems and Agent Based Modeling”. (Wu)

May-10  Sandra Zupan, “Assessing Environmental Justice and Opportunities for Community Change: Brownfields Redevelopment in Milwaukee's Inner-city Neighborhoods”. (Holifield)
            Chris Schroeder, "Mapping the Contours of Queer Cultural Politics in a Midwestern City: the Case of Toledo, Ohio". (Kenny)

Dec-09  Rashi Sharma, “Segmentation and Space-time Dynamics in the Real-estate Market”. (Wu)

Aug-09  Wen Lin, "Social Constructions of GIS in a Non-Western World: the Case of Shenzhen, China". (Ghose)

May-09  Liang Liang, "Landscape Phenology of Wisconsin's Temperate Mixed Forest". (Schwartz)
            Falguni S. Mukherjee, "GIS and Spatial Technologies in Urban Governance". (Ghose)

Aug-08  Jeremia Njeru, "Donor-driven Neoliberal Reform Processes, Political Democratization and the Production of Deforestation in Nairobi". (Kenny, Heynen)
            Lorne Platt, “Pastoral and Political Nature: Milwaukee's Urban Parks as Tamed Wilderness”. (DeSousa)
            Parama Roy, “Urban Environmental Inequality and the Rise of Civil Society: The Case of Walnut Way Neighborhood in Milwaukee". (Kenny, Heynen)

May-07  Keith West, “Eco-industrial Parks in the United States: Do Practical Examples Exist and Can They Serve as Models For Brownfield Redevelopment”. (DeSousa)

May-06  Jun Luo, “Modeling Urban Growth and Spatial Structure in Nanjing, China with
GIS and Remote Sensing”. (Wei)

May-05 Danlin Yu, “GIS and Spatial Modeling in Regional Development Studies: A Case of Greater Beijing”. (Wei)

Dec-04 Sonata Figueroa-Restificar “Developing a framework for sustainable use of Tropical Karst Landscapes: The Case of Puerto Princesa Subterranean River National Park”. (Day)

Aug-04 Chuanrong Zhang, "GIS, Remote Sensing and Spatial Modeling for Conservation of Stone Forest Landscape in Lunan, China". (Day)

Aug-03 Ruichong Huang, "Object-Oriented GIS Data Modeling for Dynamic Transit Networks". (Wei)

May-03 M. Sean Chenoweth, "Developing a Spatial Database for the Interpretation of Karst Landscape & Vegetation in the Jamaican Cockpit Country". (Day)

Dec-02 J. Elmo Rawling, III, "Quaternary Eolian Deposits and Buried Soils in the White River Badlands, South Dakota". (Fredlund)

Aug-02 Suparna Chatterjee, "Refugee Rehabilitation and the Politics of Nation Making in India, 1947-62". (Kenny)

Dec-99 Julio Rivera, "Cartographic Interpretation: Differences Based on Epistemological Beliefs, Expertise and Spatial Ability". (Andrews)


Francis Loetterle "Delineation of Light Rail Transit Station Service Areas by Mode of Access Using GIS: A Case Study of the Portland, Oregon Banfield LRT Line". (Anders)


Mofakhkhar Rahman, "Cultural-Genetic Perspectives on Abandonment in American Cities". (Rose-Holzner)

Aug-98 Rina Ghose, "A Realtor Runs Through It: Rural Gentrification and the Changing Cultural Landscape of Missoula, Montana". (Kenny)

Aug-97 Tao Tang, "Hillslope Forms and Processes on Tower Karst in Guilin, Southwest China". (Day)

May-97 Gerald Lennartson, "A Synoptic Climatology of Tropospheric Ozone in Eastern Wisconsin". (Schwartz)

Miriam Simonds, "Resource Ownership and Restructuring in The Northern Peninsula of Michigan". (Rose-Holzner)

Dec-96 Mark Bockenhauer, "Stewardship, Pragmatism, and Landscapes of Compromise in America". (Holzner)

Dec-95 Michael McAdams, "The Land Use Impact of an Airport: A Case Study of Milwaukee, Wisconsin". (Rose)

May-95 Bruce Crew, "A Structural Framework for British Geo-Political Perceptions Toward

Dec-92 Jongwoo Oh, "Sinkhole Sediments in the Wisconsin Driftless Area Karst". (Day)
Renae Prell, "Mexican and Mayan Environmentalism: Physical, Politico-Economic, and Cultural Factors that Influence the Environmental Movement in Quintana Roo, Mexico". (Edwards)

Aug-92 Thomas Honeyager, "The Potential for Timber Wolf Recovery in the Nicolet National Forest". (Day)

May-92 Jeffrey Allender, "Determining Tourist Flows and Perception during the Initial Growth Phases of a New Tourist Area". (Mayer)
Philip Reeder, "Groundwater Contaminant Pathways in a Fractured Dolostone-Clastic Aquifer: Richland County, Wisconsin". (Day)
Kelly Snowden, "The Impact of the Hudson’s Bay Company on the Exploration Mapping and European Settlement of the Western Interior of Canada". (Edwards)

May-91 Anthony Ijomah, "The Role of Major Institutions in the Redevelopment of Chicago’s Near West Side (1940-1990)". (Mayer)
Elizabeth Larson, "Nicaraguan Refugee Absorption in Costa Rica: A Structurationist Perspective". (Rose)

Dec-90 Christopher Baruth, "The United States Lakes Survey: Pattern and Process, 1841 to 1856". (Harley)

May-90 Robert Ramraj, "An Analysis of Great Lakes Dredging Policy". (Day)
Carol Rosen, "Images of Wisconsin’s Settlement Frontier: 1825-1850". (Edwards)

May-89 Robert Brinkmann, "Lead Pollution in the Soils of Milwaukee County, Wisconsin". (Borowiecki)
Paul Erhunmwunsee, "A Study of High Density Multifunctional Periphery Development: The Case of Metropolitan Milwaukee". (Rose)

May-88 Mark Francek, "Characteristics of the New York State Drumlin Field". (Borowiecki)
Peter Lindquist, "Traffic Zones Reconsidered: A Geographical Examination of Zonal Restructuring for System-Wide Mass Transit Ridership Forecasting". (Stetzer)

Aug-87 Kazimierz Zaniewski, "Housing Inequalities under Socialism: The Case of Poland". (Borowiecki)

May-87 David Atone Iyegha, "The Socio-Economic and Political Institutional Factors Influencing the Present Agricultural Geography in Nigeria". (Holzner)
Keith Muller, "The Influence of Mechanization on Agriculture in West Paraná, Brazil". (Eidt)
Kurt Piepenburg, "The Impact of Coal Mining on Water Quality in Claybank Creek, Northern Missouri". (Day)
Augusto Zeferino. "Location of Public Sector Wholesale Agricultural Marketing Facilities in Southern Brasil". (Holzner)

May-86 William Woods, "Prehistoric Settlement and Subsistence in the Cahokia Creek Drainage". (Edwards)

Dec-85 Mark Hermanson, "Lake Ice and Sediment as Factors in the Selection of Water
Supplies for Native Arctic Communities”. (Haglund)

**May-85**

Benjamin Adetiba, “Effects of Sampling and Data Transformation on the Accuracy of Land-Cover Maps Derived from LANDSAT Imagery Data”. (Flannery)

Thomas Williams, “The Climatic Impact of Lake Michigan on Air Temperature in the SE Wisconsin-NE Illinois Corridor”. (Lydolph)

**Dec-84**

Mohammed Ali, “Health Delivery Systems in Developing Countries: Spatial Planning, Monitoring and Evaluation, A Saudi Arabian Case”. (Holzner)

Mark Winsor, “Altitudinal Distribution of Granitic Landforms in the South Central Sierra Nevada, California”. (Borowiecki)

**May-84**

Craig Reisser, “Italians in the Urban Landscapes of Nurnberg: A Case Study in Urban Cultural Geography”. (Holzner)

**Dec-83**

David Howes, “The Mapping of an Agricultural Disaster with LAND-SAT MSS Data: The Disruption of Nicaraguan Agriculture 1979”. (Flannery)

**May-83**

David Block, “Spectral and Textural Analysis of an Urban Area Utilizing Digital LANDSAT Data”. (Flannery)

Andrew Bond, “Norilsk: Profile of a Soviet Arctic Development Project”. (Lydolph)


**May-82**


**Dec-81**


**May-81**

James Coffman, “Relict Valley Asymmetry in the Pleistocene Periglacial Zone of Southeastern Ohio”. (Borowiecki)

**Dec-79**

Leon Pettiway, “A Geographical Description of Robbery and Burglary Offense Locations in Milwaukee County”. (Rose)

**Dec-78**

Rahim Khavidi, “Low Income Public Housing and Neighborhood Development in the City of Teheran, Iran, A Geographical Perspective”. (Mayer)

**Aug-78**

Paul Stoelting, “Esker Systems of Eastern Wisconsin”. (Borowiecki)

**May-78**

Steven Pease, “Termination in Mapping of January Insolation Patterns Over Lake Ontario: Testing a New Research Methodology”. (Bayer)

Russell Swenson, “Affective Ties to Place Among Farmers in Cloud Co., Kansas”. (Stewart)

**May-77**

Howard Bridgman, “The Depletion of Direct Beam Visible Radiation by Aerosols in Urban and Rural Air at Milwaukee”. (Miller)


**Aug-76**

Abhaya Attanayake, “The Housing Dilemma: A Survey of the Problems of Housing in the City of Colombo, Sri Lanka”. (Rose)


**May-76**

Cecil Keen, “Trajectory Analysis of Mesoscale Air Pollution on the Lake Michigan Shoreline”. (Lyons)

Aug-75 Leon Zonn, “Residential Search Patterns of Black Urban Households: A Spatial-Behavioral View”. (Rose)

May-74 Ann Dretzka, “The Role of the Central City in the Dispersed Urban Community: A Case Study of Milwaukee, Wisconsin”. (Holzner)
Mario Hiraoka, “Pioneer Settlement in Eastern Bolivia”. (Eidt)


May-73 John Weihaupt, “A Morphometric Study of the Floodplains of White River and Bayou Bartholomew, Arkansas and Louisiana”. (Zakrzewska-Borowiecki)

Aug-72 William Davidson, “Historical Geography of the Bay Islands, Honduras: Anglo-Hispanic Conflict in the Western Caribbean”. (Edwards)


Jan-71 Sr. Dolores Rauch, “The Changing Status of Urban Catholic Parochial Schools: An Explanatory Model Illustrating Demand for Catholic Elementary Education in Milwaukee County”. (Rose)

**MASTERS DEGREES AWARDED BY THE DEPARTMENT OF GEOGRAPHY AT UW-MILWAUKEE (WITH THESIS)**

May-13 Jonathan Kult, “Regionalization of Hydrologic Response in the Great Lakes Basin: Considerations of Temporal Variability” (MS, Choi)
Rodney Ranken, “The Neoliberal City and the Neighborhood: The Case of the Lindsay Heights Redevelopment Project” (MA, Bonds)
Claire Reuning, “Congolese Cultural Landscapes, Transnational Networks, and Identity Formation in Milwaukee” (MA, Ghose)

Aug-12 Anke Keuser, “Decadal Changes and Future Projections of Precipitation in the Metropolitan Area of Milwaukee”, (MS, Choi)

Aug-11 Engstrom, Emily, “Past, Present and Future: Anthropogenic Changes to Fire Regimes in Great Lakes Pine Ecosystems”, (MS, Fredlund)

May-11 Margaret Pettygrove, “Spaces of Resistance: Urban Community Gardens in Inner City Milwaukee”, (MA, Ghosh)

Dec-10 Akarath Soukaphon, “The Long Road “Home”: Place-Making and Community Building in the Reconstruction of Lao Identity in Milwaukee, WI”. (MA, Sziarto)

May-10 Andrea Hall, “(Eco)tourism in the Karst Landscape of Puerto Rico”. (Day)
May-09  Kathleen Williams, "Volunteers in Milwaukee County Parks: a Critical Examination of the Role of Volunteers in Managing Parks". (MA, Desousa)

Brian Thayer, "Developing a Community Information System (CIS) to Assist Neighborhood Planning Efforts: a Case Study of the Harambee Community, Milwaukee, WI". (MA, Ghose)

May-07  Alan Halfen, "Late Quaternary Chronology of the Caper Dune Field, Casper, Wyoming, U.S.A.". (MS, Fredlund)
Brandon Meleski, "Determining the Effect of Open Space on Single-Family Property Values within the City of Milwaukee with a Dedonic Pricing Model". (MS, Wu)
Christopher Parisey, "Housing and the ‘Revitalization’ of Downtown Milwaukee". (MA, Kenny)
Richard Shaker, "Agricultural Land Fragmentation and Biological Integrity: The Effects of a Rapidly Changing Landscape in Southeastern Wisconsin". (MS, Fredlund)

Aug-06  Kevin LeMoine, "A Critical Examination of the Potential for Success of Neighborhood-Based and Partnership-Enhanced Car-Sharing in Milwaukee". (MA, Desousa)

May-06  Kathleen Doherty, "Mediating the Critiques of the Alternative Agrifood Movement: Growing Power in Milwaukee". (MA, Heynen)

Aug-05  Greg Rybarczyk, "Using GIS and a Multi-Criteria Decision Analysis for Bicycle Facility Planning: A Case Study in Milwaukee, Wisconsin". (MS, Wu)
Ramona Tenorio, "Winter Transitional Morphology & Photosynthetic Responses of Nasturtium officinal: Potential Impact for Springs in Southwestern WI". (MS, Drezner)

May-05  Kim Weckerly, "Sediment Rates in Lakes of the Fox River". (MS, Drezner)


May-03  Liana Escott, "An Evaluation of the Cayo West Special Development District, Belize". (MA, Day)

Dec-02  Mary Mann, "Baudelaire’s Geographies: Encountering the Other in Nineteenth-Century French Poetry". (MA, Kenny)

Aug-02  Peter B. Armstrong, "The Design of a Spatial Decision Support System that Integrates GIS and Spatial Statistics". (MS, Albrecht)
Banery Mujica-Ortiz, "An Assessment of Karst Conservation and Protected Areas in Northern Puerto Rico". (MS, Day)

May-02  William Mueller, "The Biogeography and Recent Decline of the Red-headed Woodpecker in Wisconsin". (MS, Fredlund)
Xinyue Ye, "Intraprovincial Inequality in China under Reform, 1978-1998: The Case Study of Zhejiang". (MA, Wei)
Tingting Zhao, "Monitoring the Onset of Spring in Wisconsin with Plant Phenology". (MS, Schwartz)

Abraham Parish, "Historical Land Tenure in the Puna District of Hawaii". (MA, Fredlund)

May-01
Donald Lyden, "Rock Toppling and Rock Collapse Contributions to Slope Development in the Kickapoo Valley, Southwestern Wisconsin". (MS, Day)

Dec-00
Betty Rhodes, "Western Medical Care Access and the Hmong Population in Milwaukee, Wisconsin". (MS, Kenny)

Aug-00
Joseph D. Rath, "Tourism in the Karst Area of the Cayo and Toledo Districts, Belize". (MA, Day)

May-00
Jeffrey A. Kueny, "An Assessment of Protected Karst Areas in Central America and the Caribbean". (MS, Day)

Dec-99
Jason Nyberg, "To Save the Beauty of the Lake: Wisconsin's Eight-Year Effort to Establish Devil's Lake State Park". (MA, Kenny)

Bernhard Reiter, "Uptake of Semi-persistent Organic Compounds from Soil into Crop Plants, a Comparison of Measured and Simulated Transfer Rates". (Trapp, Matthies), University of Osnabrück; (MS, Schwartz), University of Wisconsin-Milwaukee

Dec-98
Kevin Jezuit, "Ecotourism and the Maya of Southern Belize: A Case Study of the Toledo Ecotourism Association". (Stewart)

Paula Oeler, "Americanization Via a Neighborhood of Home: Polish Immigrants on Ninth Avenue, Milwaukee, Wisconsin". (Kenny)

Rachel Sueflow, "Assessing the Use of a GIS for Local Revitalization: Case Study of the Avenue West Neighborhood in Milwaukee, Wisconsin". (Andrews)

May-98

Dec-97
Michelle Wexler, "Capitalizing on the Countryside Ideal: A Case Study of Mineral Point and Richland Center, Wisconsin". (Kenny)

Lynn Pawelski, "Milwaukee's Construction of a Garden City Utopia: Greendale, Wisconsin". (Kenny)

May-97
Jean Kowal, "Late Holocene Geomorphology and Climate Change in Sage Creek, Badlands National Park". (MS, Fredlund)

Scott McEathron, "The Impact of Nineteenth Century Logging on the Environment: The Case of Wilson Township, Rusk County, Wisconsin". (Edwards)

James P. Vanden Boom, "Defining a Niche Market: A Central Business District's Strategy to Compete with Suburban Fringe Development. The Case of Downtown Appleton, WI". (Holzner)

Steve Wagner, "Academic Achievement and Residential Location: An Analysis of Variables Assessing the Residential Location of Student Achievers at a Large Midwestern Urban High School". (Holzner)

May-96
Julie Anderson, "The Effectiveness of Farmland Preservation in Urban Corridors: The Case of Racine County, Wisconsin". (Kenny)

Premysl Pela, "Challenges and Opportunities between European Union and Central Europe: A Case Study of the Czech Republic". (Bayer)

Dec-95

Renee Destrampe, "Testing a Predictive Model Using GIS: A Case Study in the
Crawfish - Rock River Valleys”. (Andrews)
Craig Terlau, "An Analysis of Cave and Valley Orientation in Richland County, Wisconsin”. (Day)
Zhu Liu, "The Relationship between Soil Lead Level and the Rate of Children's Lead-Poisoning in Residential Milwaukee”. (Fredlund)

**Aug-95**
Sarah Hoffman, "Karst Springs: Their Uses and Influence on Rural House Location in the Platte River Watershed, Southwestern Wisconsin, 1840 to 1900”. (Fredlund)

**May-95**
Carol Janzen, "The Urban Advance and Rural Retreat in Washington County, Wisconsin”. (Holzner)
Paul Nowak, "Conservation Versus Development: A Case Study of the Crayfish Creek Subwatershed”. (Day)

**Dec-94**
Edward Alt, "Aspects of the Karst Geomorphology of the Northern Vaca Plateau, Cayo District, Belize, Central America”. (Day)
Rebecca Armstrong, "Research Issues and a Case Study of Native American Cartography”. (Andrews)

**May-94**
Karl Curda, "Residential Soil Lead Levels in Milwaukee”. (Fredlund)
Nancy Greifenhagen, "Land Use in the Northern Kettle Moraine”. (Day)

**Dec-93**
Yvonne Bode, "The Ice Age National Scientific Reserve in Wisconsin: Objectives and Accomplishments”. (Day)
Dale Mueller, "Regional Air Transportation Patterns for the Upper Midwest”. (Mayer)

**Dec-92**
Bradley Javenkowski, “Microcomputer-Based Postscript Large Format Cartography”. (Andrews)
Patricia Madderom, “Swedish Settlements in Wisconsin”. (Edwards)

**May-92**
Horst Schmidt, “Geography, Politics and Aging in Milwaukee County”. (Rose)

**Dec-91**
Sharon Hill, “Perception and Reality of Wisconsin Amish-Mennonite Travel and Visitation Patterns”. (Andrews)

**Aug-91**
Douglas Jiersheck, "Use of Synoptic Criteria in Evaluation of Temperature/Snow Cover Relations in North Dakota”. (Lydolph)
Richard Wagner, "On the Relationship Between Anomalous Rainfall in the Guinea Coastlands and Anomalous Atmospheric and Oceanic Conditions in the Equatorial Atlantic”. (Lydolph)

**Dec-90**
Peter Urich, “Hydrologic Management in Upland Karst, Bohol, The Philippines: Implications for Development”. (Stewart)

**May-90**
James Brozowski, “The Origin and Development of Brussels Hill Pit Cave, Door County, Wisconsin”. (Day)
Michael Neal, “Tufa Dams in the Humid Tropics: A Case Study of Little Barton Creek, Cayo District, Belize, Central America”. (Day)
David Tilton, “Old Maps and Early European Voyages of Discovery: Pinzón and Solís, 1508”. (Edwards)
<table>
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<tr>
<th>Month</th>
<th>Title</th>
<th>Author</th>
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<tbody>
<tr>
<td>May-89</td>
<td>Greg Gruszczynski, “50 Years of Buses: A Case Study of the Bus System in Belize, Central America”.  (Mayer)</td>
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<td>David Lewis, “The Chinese of Belize: A Geographical Interpretation”.  (Stewart)</td>
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<td>Britton Rodríguez, “Soil Condition and the Productivity of Two Community Garden Plots in the City of Milwaukee, Wisconsin During the 1986 Gardening Season”. (Borowiecki)</td>
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<td>Charles Schaefer, “The Socialist City: The Case of Cracow, Poland”.  (Borowiecki)</td>
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<td>Thomas Winter, “Neighborhood Revitalization in Milwaukee: A Case Study of Brewer’s Hill”.  (Rose)</td>
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<td>Dec-88</td>
<td>Renae Prell-Chavez, “An Environmental History and Analysis of Human Activity at the Buelah Bog State Natural Area, Wisconsin”.  (Edwards)</td>
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<td>Dec-87</td>
<td>David Moon, “Inter-urban Passenger Air Transportation Within the State of Florida”.  (Mayer)</td>
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<td>Aug-87</td>
<td>Kerry Antoniewicz, “A Comparison of Pre-Classification and Post-Classification Smoothing on LANDSAT IV Thematic Mapper Image”.  (Flannery, Stetzer)</td>
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<td>John Gagas, “Factors Affecting the Nature and Position of the Tree Line at Churchill, Manitoba, Canada”.  (Haglund)</td>
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<td>Dec-86</td>
<td>Ruth Haese McGuire, “Transportation Planning in the Metropolitan Areas of the U.S.”.  (Mayer)</td>
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<td>Miriam Simonds, “Analysis of the Land Cover Pattern in Part of the Toledo District, Belize”.  (Day)</td>
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<td>May-86</td>
<td>Donald Weyer, “Predicting Newspaper Circulation in Milwaukee County”.  (Mayer)</td>
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<td>Dec-84</td>
<td>Marie Grogan, “Cultural Landscape of Grand Teton National Park”.  (Edwards)</td>
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<td>Carol Rosen, “Karst Geomorphology of the Door Peninsula, Wisconsin”.  (Day)</td>
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<td>Frank Zareczny, “The Evolution of Upper Great Lakes Passenger Travel: Historical Geography”.  (Mayer)</td>
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<td>Dec-82</td>
<td>Joan Foeste, “Analysis of the Evolution and Subsequent Growth and Development of the Commuter Airline Industry as Exemplified by Three Wisconsin Based Commuter Air Carriers (1952-1981)””.  (Mayer)</td>
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<td>May-82</td>
<td>Charles Wells, “The Effects of Various Parameters on the Accuracy of Isopleth Maps Produced by Digital Continuous Scanning”.  (Flannery)</td>
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Aug-80  Kurt Piepenburg, “Geomorphology of a Fluted Escarpment in Wisconsin’s Driftless Area”. (Borowiecki)

May-80  Mark Hermanson, “The Urbanization of a Small Waterway: A Battle Creek Case Study”. (Mayer)
        William Reynolds, “Change on the Milwaukee Urban Fringe”, The Case of Four Washington County Hamlets”. (Mayer)

Dec-79  Christopher Baruth, “Mapping of Wisconsin Since 1832”. (Flannery)
        David Miller, “The European Impact on St. Vincent, 1600-1763: Suppression and Displacement of the Native Population and Landscapes”. (Edwards)

Aug-79  Jeffrey Allender, “Cost Benefit Analysis of Fugitive Dust; The Menomonee River Valley”. (Mayer)
        Andrew Bond, “Inter-Republic Variations in Ukrainian and Belorussian Russianization, 1959-1970”. (Lydolph)


Aug-78  David Block, “Wind and Surface Roughness in Urban Areas: A Case Study of Chicago”. (Bayer)
        Ann Akulicz Santiago, “The Puerto Rican Community of Milwaukee: A Study of Geographic Mobility”. (Rose)

May-78  John Gurda, “Change at the River Mouth: Ethnic Succession on Milwaukee’s Jones Island, 1700-1922”. (Mayer)
        William Wysocki, “An Economic Base Analysis of Thompson, Manitoba”. (Haglund)

Dec-77  Paul Savard, “Air Cushion Vehicles in Northern Transportation”. (Haglund)

Aug-77  Nancy Morbeck Haack, “An Analysis of the Effects of Underlying Bedrock Topography on Drumlin Forms in Eastern Wisconsin”. (Borowiecki)

May-77  Craig Reisser, “Immigrants and House Form in Northeast Milwaukee, 1885-1916”. (Edwards)
        Beth Szplett (Kirklewski), “Statistical Analysis of Economic Pushing Factors Related to Farm Depopulation in Northeastern Ontario”. (Haglund)

        Sun-Tsui Ott, “The Relation of High Ozone Concentrations to the Mesoscale and Synoptic Scale Transport in Wisconsin”. (Bayer)

May-76  Colleen Keen, “Residential Land Value Determinants in Milwaukee”. (Holzner)

Dec-75  Donald Bezella, “Changes in the Supply of Recreational Surface Water”. (Rose)
        David Szplett, “The Significance and Potential for Tourism in the Economy of the...
Northwest Territories, Canada". (Haglund)

**Aug-75**


**Dec-74**

Lawrence Kieck, “Necessary Design Factors for Arctic and Subarctic Dwellings”. (Haglund)

**Aug-74**

Eugene Auciello, “Method for Predicting River Ice Formation”. (Bayer) Seth Rankin, “United States Investment and Industrial Control in Canada”. (Haglund)

Jeffrey Rogers, “The Influence of Sea Surface Temperature Anomalies on the Atmospheric Circulation”. (Bayer)

Russell Swenson, “Retired North Americans at Lake Chapala, Jalisco, Mexico: Their Impact on the Cultural Landscape”. (Edwards)


Augusto Zeferino, “Favela and Government Built Low-Cost Housing in Florianopolis, Brazil”. (Rose)

**Aug-73**

David Brych, “The Process of Change in Finland: An Examination of Agriculture, Industry, and Urbanism”. (Haglund)


Eleanor Jones, “The Port-City of Kingston, Jamaica: Hinterland-Foreland Relationship”. (Holzner)

**Jan-73**


**Aug-72**

Keith Muller, “The Settlement Geography of Toledo, A Planned Pioneer Community in South Brazil”. (Eidt)

**May-72**

James Sebanc, “Immigration and the Emergence of Yugoslav Social Communities in Wisconsin, 1900-1971”. (Rose)

Michael Ostapuk, “Sprinkler Irrigation in Wisconsin”. (VanderMeer)

**Jan-72**

James Coffman, “A Geographical Land Form Analysis of the Kentucky Knobs”. (Borowiecki)

**Jan-71**

Balaram Dey, “Rainfall Variability During the Indian Summer Monsoon”. (Lydolph)

Howard Deller, “An Analysis of Selected Shore Zone Characteristics of the Upper Door Peninsula of Wisconsin”. (Zakrzewska-Borowiecki)

John Weihaupt, “Oxbow Lake Forms and Their Patterns of Distribution on the Floodplains of the Yukon River Drainage Basin”. (Zakrzewska-Borowiecki)

**Aug-70**


Thomas Taylor, “Land in Transition: A Case Study”. (Rose)

**Jun-70**

Paul Stoelting, “A Spatial Analysis of the Esker Systems Associated with the Kettle Moraine of S.E. Wisconsin”. (Zakrzewska-Borowiecki)

**Jun-69**

Matthias Igbozurike, “Irrigation Expansion in Israel”. (Vandermeer)

Michael Sullivan, “The Encomienda and Colonial Transculturation of the Landscape
of Costa Rica”. (Edwards)

**Aug-68**
David Henderson, “Impact of Ethnic Homogeneity and Diversity in the Cultural Landscape of Door County, Wisconsin”. (Holzner)

**Jun-68**
A. Barwuah, “A Temporal Analysis of Retail Structure of Two Hierarchical Levels”. (Rose)

**Jan-68**
Owen McGee, “Harmonic Analysis of South African Rainfall”. (Hastenrath)

Abhaya Attanayake, “The Development of Quantitative Thematic Mapping in the United States: A Critical Analysis of Special Purpose Cartography Published in Geography and by the Federal Government”. (Flannery)

**Aug-67**

Hlib Hayuk, “Changes in the Ethnic Structure and in Regional Distribution of Population in Ukraine, 1897-1959”. (Lydolph)


**Jun-67**
Chandra Attanayake, “Changing Patterns of Rice Production in Ceylon: 1945 to 1964”. (Vandermeer)

G. Schlotzhauer, “Interactance Systems of Great Lakes-St. Lawrence Waterborne Commerce”. (Goodwin)


**MASTERS DEGREES AWARDED, NON-THESIS**
(The Department did not offer this option from 1982 - 2001).

**May-13**
Kathryn Nauth (MA, Holifield)

**May-12**
Ashley Murray (MS, Fredlund)

Katherine Kirkland (MA, McCarthy and Yoon)

**Dec-11**
Jeffery Sponcia (MA, Sziarto)

**May-10**
Nadia Bogue (MA, Holifield)

Nicholas Gates (MA, Holifield)

**Dec-08**
Elizabeth Hittman (MA, DeSousa)

**May-07**
Jessica Barron (MA, McCarthy)

James Rewolinski (MA, Kenny)

Rebecca Riti (MA, Fredlund)

**Dec-06**
Peter Strand (MS, Kenny)

**May-06**
Qinhua Zhang (Coordinated MA/MLIS, Wu)
Aug-04  Jason Bitter (MS, Drezner)
May-04  Nicole Wilkum (MS, Kenny)
May-03  Gregory Dresen (MS, Wei)
         Timothy Pearson (MS, Schwartz)
Dec-02  Edlira Agalliu (MA, Kenny)
May-81  James Gronowski (Haglund)
         John Walsh (Haglund)
May-79  Timothy Miller (Mayer)
May-77  Larry Saeger (Rose)
Aug-76  John Jansen (Flannery)
May-76  Franz Rabe (Mayer)
May-74  James Rickun (Bayer)
Aug-73  Terence Taylor (Flannery)
Jun-71  Terry Lehman (Vandermeer)
         Wayne Sylvester (Joint Geography-Education Masters) (Flannery)
Jun-70  Helen Ford (Joint Geography-Education Masters) (Lydolph)
Jun-68  Donald Rambadt (Joint Geography-Education Masters) (Flannery)
         Charles Gloor (Joint Geography-Education Masters) (Flannery)
Jun-67  Charles Collins (Zakrzewska-Borowiecki)
         Paul Johnson (Lydolph)
Jan-67  Hector Zamora (Joint Geography-Education Masters) (Flannery)
Aug-66  Paul Krause (Lydolph)
Jun-66  Graciela Deambrosio (Zakrzewska-Borowiecki)
         Robert Sager (Lydolph)
         Theodore Steinke (Zakrzewska-Borowiecki)
Jun-65  Mantosh Bandyopadhyay (Zakrzewska-Borowiecki)
         Edwin Dommissee (Lydolph)
         John Novak (Zakrzewska-Borowiecki)
         William Verhulst (Lydolph)
Jan-62  Glenn Frey (Lydolph)
         James Oliver (Lydolph)