**SOCIOLOGY, PH.D.**

The Department of Sociology and the Department of Community & Environmental Sociology conduct a combined graduate program in sociology designed to prepare students for scholarly research, teaching, or applied work. The program leads to the Master of Science degree with a major in sociology and the Doctor of Philosophy degree in sociology. It also offers a minor to students earning a doctoral degree in other departments. All major areas of sociological inquiry are represented in the curriculum. The program consistently ranks at or near the top in studies of US doctoral programs.

Distinguished faculty, outstanding students who learn from and support each other, an increasingly multi-ethnic student body, a curriculum covering a broad spectrum of sociological interests, thriving research projects in many areas, and a stimulating campus environment make UW–Madison an excellent choice for students interested in sociology and/or community and environmental sociology.

Members of the departments also participate in a number of interdisciplinary programs. Faculty and students are involved with several research institutes, including the Applied Population Laboratory, the Center for Demography & Ecology, the Center for Demography of Health & Aging, the Center for Integrated Agricultural Systems, the Center on Wisconsin Strategy, the Holtz Center for Science & Technology Studies, the Institute for Research on Poverty, the Institute on Aging, the Nelson Institute for Environmental Studies, the Wisconsin Center for Education Research, and the University of Wisconsin Survey Center. Further information about faculty and areas of study is available on the department websites: Department of Sociology (http://www.ssc.wisc.edu/soc/) and Department of Community & Environmental Sociology (http://dces.wisc.edu/).

**DEGREES AND CAREER GOALS**

The sociology graduate program admits students who intend to earn a Ph.D. Students complete a Master of Science degree on the way to the Ph.D. or receive a waiver of the program's Master's requirements based on having written a thesis and obtained a Master's degree previously. A few students leave the program after completing the Master's degree and pursue careers in the public or private sectors. Those who graduate with the Ph.D., a majority obtain university teaching and/or research positions; others take research and/or administrative positions in government organizations, non-profit organizations, or private firms.

**ADMISSIONS**

Please consult the table below for key information about this degree program's admissions requirements. The program may have more detailed admissions requirements, which can be found below the table or on the program's website. Graduate admissions is a two-step process between academic programs and the Graduate School. **Applicants must meet** the minimum requirements (https://grad.wisc.edu/apply/requirements/#admissions) of the Graduate School as well as the program(s).

Once you have researched the graduate program(s) you are interested in, apply online (https://grad.wisc.edu/apply/).

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Detail</th>
<th>Summer Deadline</th>
<th>Fall Deadline</th>
<th>Spring Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRE (Graduate Record Examinations)</td>
<td>Required.</td>
<td>The program does not admit in the summer.</td>
<td>December 15</td>
<td>The program does not admit in the spring.</td>
</tr>
<tr>
<td>English Proficiency Test</td>
<td>Every applicant whose native language is not English or whose undergraduate instruction was not in English must provide an English proficiency test score and meet the Graduate School minimum requirements (<a href="https://grad.wisc.edu/apply/requirements/#english-proficiency">https://grad.wisc.edu/apply/requirements/#english-proficiency</a>).</td>
<td>n/a</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Other Test(s) (e.g., GMAT, MCAT)</td>
<td>n/a</td>
<td>n/a</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Letters of Recommendation</td>
<td>Required</td>
<td>n/a</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

The program receives a large number of applications each fall from highly qualified individuals, requiring the admissions committee to be extremely selective. The Departments of Sociology and Community & Environmental Sociology offer graduate study leading to the doctor of philosophy degree in sociology. The departments do not admit students to pursue Master's degrees only; however, students admitted to the doctoral program earn a Master of Science degree en route to the Ph.D. A cohort of approximately 20 students is ideal, in terms of providing mentoring and training to all admitted students as well as making financial support available to them. Total graduate enrollment in the program is roughly 140 students. An undergraduate major in sociology is not a prerequisite. The admissions committee conducts a holistic assessment of each applicant's qualifications. Faculty members look for academic excellence as indicated by undergraduate GPA and Graduate Record Exam (GRE) scores, a writing sample, and references, along with interest in and motivation for graduate study in sociology as indicated by the statement of purpose. (Note that a weakness in one indicator can be balanced by evidence of strong abilities in others.) In particular, committee members look for students with the ability or potential to define a research question succinctly and to use empirical evidence to address significant sociological issues. They also make an effort to identify individuals who demonstrate the potential for a creative approach to investigating empirical and conceptual social science issues.

To apply, please submit an online application, all transcripts, a statement of reasons for graduate study, writing sample, recommendations, and tests scores. GRE scores (general test only) are required of all applicants; international applicants are required to submit English Proficiency test scores—either TOEFL, MET, or IELTS—as well. The application deadline is December 15 for the subsequent academic year.

**FUNDING**

**GRADUATE SCHOOL RESOURCES**

Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information (https://grad.wisc.edu/funding/) is available from the Graduate School. Be sure to check with your program for individual policies and restrictions related to funding.
PROGRAM RESOURCES

The departments guarantee five continuous years of funding to all incoming students. Sources of funding include teaching assistanceships, project assistanceships, research assistanceships, traineeships, and fellowships. In addition, some admitted students arrive with outside awards such as National Science Foundation or Fulbright grants. International applicants admitted to the program must complete a financial statement that provides evidence of sufficient funds to support themselves for their first year and the intent for support to continue throughout the duration of study. Even though departmental funding is guaranteed, international students often must submit additional financial support documentation, demonstrating that they can cover the gap between the amount the departments provide and the amount the US State Department requires. Additional information about international student expenses can be found here (http://grad.wisc.edu/international/).

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction Definitions</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accelerated:</strong> Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Evening/Weekend:</strong> Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.</td>
<td>Face-to-Face: Courses typically meet during weekdays on the UW-Madison Campus.</td>
<td>Hybrid: These programs combine face-to-face and online learning formats. Contact the program for more specific information.</td>
<td>Online: These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Accelerated:</strong> Accelerated programs are offered at a fast pace that condenses the time to completion. Students are able to complete a program with minimal disruptions to careers and other commitments.</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC/C&amp;E SOC 361</td>
<td>Statistics for Sociologists II</td>
<td>4</td>
</tr>
<tr>
<td>SOC 362</td>
<td>Statistics for Sociologists III</td>
<td>4</td>
</tr>
<tr>
<td>SOC 700</td>
<td>Introductory Proseminar for Graduate Students</td>
<td>1</td>
</tr>
<tr>
<td>SOC/C&amp;E SOC 750</td>
<td>Research Methods in Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 773</td>
<td>Intermediate Classical Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select four seminars in Sociology or Community &amp; Environmental Sociology</td>
<td>1, 2</td>
</tr>
</tbody>
</table>

Additional courses required for students affiliated with the Center for Demography & Ecology or the Center for Demography of Health & Aging:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 674</td>
<td>Demographic Techniques I</td>
<td>3</td>
</tr>
<tr>
<td>SOC 756</td>
<td>Demographic Techniques II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Each semester, throughout the graduate program, CDE/CDHA students must also enroll in:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SOC/C&amp;E SOC 995 Research: Methodology Trainees</td>
<td>1-3</td>
</tr>
<tr>
<td></td>
<td>SOC/C&amp;E SOC 997 Research: Demography and Ecology Trainees</td>
<td>1-3</td>
</tr>
</tbody>
</table>

1 Those students affiliated with the multi-disciplinary Center for Demography & Ecology and Center for Demography of Health & Aging must include SOC/C&E SOC 971 (Topic: Seminar in Population & Society I) and SOC/C&E SOC 971 (Topic: Seminar in Population & Society II) in their seminar requirements.

2 These courses may or may not contain the word "Seminar" in the title and are typically numbered between 900 and 979. Working group courses—i.e., those numbered between 980 and 995—don’t count toward the seminar requirement. Seminar courses in which a student...
earns an S (satisfactory) rather than a letter grade do count toward
the 51 required credits but do not fulfill the seminar requirement.

POLICIES

GRADUATE SCHOOL POLICIES

The Graduate School’s Academic Policies and Procedures (https://
grad.wisc.edu/acadpolicy/) provide essential information regarding
general university policies. Program authority to set degree policies
beyond the minimum required by the Graduate School lies with the
degree program faculty. Policies set by the academic degree program can
be found below.

MAJOR-SPECIFIC POLICIES

PRIOR COURSEWORK

Graduate Work from Other Institutions

With program approval, students may count up to 19 credits of graduate
coursework from other institutions toward the minimum 51-credit
Ph.D. degree requirement and the minimum 50% graduate coursework
requirement. Coursework completed ten or more years prior to admission
to the doctoral program may not be used to satisfy either of these
requirements.

UW–Madison Undergraduate

With program approval, students may count up to 7 credits earned in an
undergraduate degree program at UW–Madison toward the Ph.D. degree
requirements. If the courses are numbered 300–699, the credits may
count toward the minimum 51-credit degree requirement. If the courses
are numbered 700–999, the credits may also count toward the minimum
50% graduate coursework requirement. Coursework completed ten or
more years prior to admission to the doctoral program may not be used to satisfy either of these requirements.

UW–Madison University Special

With program approval, students may count up to 15 credits taken as
a Special Student toward the Ph.D. degree requirements. If the courses
are numbered 300–699, the credits may count toward the minimum 51-
credit degree requirement. If the courses are numbered 700–999, the
credits may also count toward the minimum 50% graduate coursework
requirement. Coursework completed ten or more years prior to admission
to the doctoral program may not be used to satisfy either of these
requirements.

PROBATION

The Graduate School regularly reviews the record of any student who
earned grades of BC, C, D, F, or Incomplete in a graduate course (300
or above), or grade of U in research credits. This review could result
in academic probation with a hold on future enrollment or in being
suspended from the Graduate School.

1. Good standing (progressing according to standards; any funding
guarantee remains in place).
2. Probation (not progressing according to standards but permitted
to enroll; loss of funding guarantee; specific plan with dates and
deadlines in place in regard to removal of probationary status).
3. Unsatisfactory progress (not progressing according to standards; not
permitted to enroll, dismissal, leave of absence or change of advisor
or program).

ADVISOR / COMMITTEE

Students are expected to have ongoing contact with their faculty
advisor. Dissertators who fail to confer with their advisor at least
once each semester will not be allowed to register in the subsequent
semester. All students are required to submit a yearly progress report
that is read and discussed by a committee of faculty during the annual
review. In addition, all students are expected to create and regularly
update an Individual Development Plan (IDP) and use it as the basis for
conversations with their advisor about evolving goals, current strengths,
and plans for mastery of new skills. A student’s advisor serves as chair
of the dissertation committee, which must have at least five members,
all of whom read and evaluate the dissertation prior to the student’s
final oral exam. Committees are composed of three graduate faculty in
Sociology and/or Community & Environmental Sociology, one graduate
faculty member from outside these two departments, and a fifth person
who may be any individual deemed qualified by the program’s executive
committee.

CREDITS PER TERM ALLOWED

15 credits

TIME CONSTRAINTS

Doctoral students are expected to pass both written preliminary exams
and the oral preliminary exam, thereby attaining dissertator status, by the
summer after their eighth semester in the graduate program. They then
must complete the Ph.D. within five years of attaining dissertator status.

GRIEVANCES AND APPEALS

These resources may be helpful in addressing your concerns:

- Bias or Hate Reporting (https://doso.students.wisc.edu/bias-or-hate-
  reporting/)
- Graduate Assistantship Policies and Procedures (https://hr.wisc.edu/
policies/gapp/#grievance-procedure)
- Hostile and Intimidating Behavior Policies and Procedures (https://
  hr.wisc.edu/hib/)
- Office of the Provost for Faculty and Staff Affairs (https://
  facstaff.provost.wisc.edu/)
- Dean of Students Office (https://doso.students.wisc.edu/) (for all
  students to seek grievance assistance and support)
- Employee Assistance (http://www.eao.wisc.edu/) (for personal
  counseling and workplace consultation around communication and
  conflict involving graduate assistants and other employees, post-
  doctoral students, faculty and staff)
- Employee Disability Resource Office (https://
  employeedisabilities.wisc.edu/) (for qualified employees or
  applicants with disabilities to have equal employment opportunities)
- Graduate School (https://grad.wisc.edu/) (for informal advice at any
  level of review and for official appeals of program/departmental or
  school/college grievance decisions)
- Office of Compliance (https://compliance.wisc.edu/) (for class
  harassment and discrimination, including sexual harassment and
  sexual violence)
- Office of Student Conduct and Community Standards (https://
  conduct.students.wisc.edu/) (for conflicts involving students)
- Ombuds Office for Faculty and Staff (http://www.ombuds.wisc.edu/
  ) (for employed graduate students and post-docs, as well as faculty
  and staff)
• Title IX (https://compliance.wisc.edu/titleix/) (for concerns about discrimination)

For students in the College of Agricultural & Life Sciences:  
College of Agricultural and Life Sciences: Grievance Policy

In the College of Agricultural and Life Sciences (CALS), any student who feels unfairly treated by a member of the CALS faculty or staff has the right to complain about the treatment and to receive a prompt hearing. Some complaints may arise from misunderstandings or communication breakdowns and be easily resolved; others may require formal action. Complaints may concern any matter of perceived unfairness.

To ensure a prompt and fair hearing of any complaint, and to protect the rights of both the person complaining and the person at whom the complaint is directed, the following procedures are used in the College of Agricultural and Life Sciences. Any student, undergraduate or graduate, may use these procedures, except employees whose complaints are covered under other campus policies.

1. The student should first talk with the person at whom the complaint is directed. Most issues can be settled at this level. Others may be resolved by established departmental procedures.

2. If the student is unsatisfied, and the complaint involves any unit outside CALS, the student should seek the advice of the dean or director of that unit to determine how to proceed.
   a. If the complaint involves an academic department in CALS the student should proceed in accordance with item 3 below.
   b. If the grievance involves a unit in CALS that is not an academic department, the student should proceed in accordance with item 4 below.

3. The student should contact the department's grievance advisor within 120 calendar days of the alleged unfair treatment. The departmental administrator can provide this person's name. The grievance advisor will attempt to resolve the problem informally within 10 working days of receiving the complaint, in discussions with the student and the person at whom the complaint is directed.
   a. If informal mediation fails, the student can submit the grievance in writing to the grievance advisor within 10 working days of the date the student is informed of the failure of the mediation attempt by the grievance advisor. The grievance advisor will provide a copy to the person at whom the grievance is directed.
   b. The grievance advisor will refer the complaint to a department committee that will obtain a written response from the person at whom the complaint is directed, providing a copy to the student. Either party may request a hearing before the committee. The grievance advisor will provide both parties a written decision within 20 working days from the date of receipt of the written complaint.
   c. If the grievance involves the department chairperson, the grievance advisor or a member of the grievance committee, these persons may not participate in the review.
   d. If not satisfied with departmental action, either party has 10 working days from the date of notification of the departmental committee action to file a written appeal to the CALS Equity and Diversity Committee. A subcommittee of this committee will make a preliminary judgement as to whether the case merits further investigation and review. If the subcommittee unanimously determines that the case does not merit further investigation and review, its decision is final. If one or more members of the subcommittee determine that the case does merit further investigation and review, the subcommittee will investigate and seek to resolve the dispute through mediation. If this mediation attempt fails, the subcommittee will bring the case to the full committee. The committee may seek additional information from the parties or hold a hearing. The committee will present a written recommendation to the dean who will provide a final decision within 20 working days of receipt of the committee recommendation.

4. If the alleged unfair treatment occurs in a CALS unit that is not an academic department, the student should, within 120 calendar days of the alleged incident, take his/her grievance directly to the Associate Dean of Academic Affairs. The dean will attempt to resolve the problem informally within 10 working days of receiving the complaint. If this mediation attempt does not succeed the student may file a written complaint with the dean who will refer it to the CALS Equity and Diversity Committee. The committee will seek a written response from the person at whom the complaint is directed, subsequently following other steps delineated in item 3d above.

For students in the College of Letters & Science:  
Students should contact the department chair or program director with questions about grievances. They may also contact the L&S Academic Divisional Associate Deans, the L&S Associate Dean for Teaching and Learning Administration, or the L&S Director of Human Resources.

OTHER

The department guarantees five continuous years of funding to all admitted students. Our graduate students receive support toward their studies through project assistantships, research assistantships, teaching assistantships, lectureships, traineeships, and fellowships (fellowship awards may come from either the university or external agencies). All types of funding paid through the university provide a full tuition remission, a stipend, and subsidized health insurance for students.

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School’s professional development resources (https://grad.wisc.edu/pd/) to build skills, thrive academically, and launch your career.

PROGRAM RESOURCES

The Sociology graduate program offers students an array of professional development opportunities.

SOC 700 Introductory Proseminar for Graduate Students provides an overview of the discipline and the graduate program and addresses such professional development issues as teaching strategies and grant proposal writing. The proseminar also explores topics like productive advisor-advisee relationships, working effectively as part of a research team, co-authoring, and other matters important to graduate school success.

SOC/C&E SOC 875 Special Topics (Topic: Professional Development) covers a broad spectrum of topics—e.g., networking and peer support; time management; IRB approval and considering ethics throughout the research process; writing, revising, and submitting papers to scholarly journals; writing for public audiences; doing outreach work; speaking at conferences; investigating careers within and outside academia; and learning how to mentor.
SOC 910 Teaching Sociology is a seminar focusing on course development, pedagogy, and evaluation.

SOC/C&E SOC 995 Research: Methodology Trainees, for students affiliated with the Center for Demography & Ecology and the Center for Demography of Health & Aging, covers essential professional development skills such as grant writing, data visualization, presentation design, publication writing, applying for academic and research jobs, and responsible conduct of research.

SOC/C&E SOC 997 Research: Demography and Ecology Trainees, for students affiliated with the Center for Demography & Ecology and the Center for Demography of Health & Aging, offers presentations of substantive work at the forefront of population sciences.

For students who are teaching for the first time, there is a weekly teaching workshop that focuses on issues typically of concern to new TAs—e.g., developing lesson plans, engaging students, facilitating discussions, and evaluating written work.

Students are encouraged to participate in “Working Groups” each semester. The departments offer nine of these training groups, each focusing on a different sociology subfield. The groups meet weekly and involve presentation and discussion of student and faculty work-in-progress as well as analysis of current developments and debates; often guest speakers from other universities join the conversation.

The departments host scholars from other institutions who speak at departmental colloquia as well as speakers from campus units such as the Havens-Wright Center for Social Justice and the Institute for Research on Poverty. Students are encouraged to attend these events. They are also advised to participate in the graduate program’s workshops on career exploration and creating a professional website. Students are invited to collaborate with faculty and staff serving on department committees, and they are encouraged to develop leadership skills by becoming involved in the Sociology Graduate Student Association.

The departments provide small grants that assist students with research expenses and support those who are traveling to present their work at professional conferences.

The Sociology Department website (https://sociology.wisc.edu/current-students-2/) includes several pages containing valuable resources for graduate students—e.g., Diversity & Inclusion Resources for the Classroom, Collected Wisdom, Academic Job Market, and Blogs on Academia.

All graduate students are expected to create an Individual Development Plan to help them define interests and values, evaluate skills, develop specific plans for meeting degree milestones and professional goals, and communicate effectively with their advisors.

**LEARNING OUTCOMES**

1. Demonstrate a broad understanding of major theories, methodologies, and research findings in the sociological literature. Develop critical thinking skills that empower them to analyze strengths and weaknesses in the existing literature, identify knowledge gaps, evaluate evidence, synthesize information, and form conclusions. Attain the skills necessary to teach and conduct research with intellectual and ethical rigor, care, and creativity.
2. Create individualized programs to suit their specific interests and goals. Formulate ideas and develop research questions, design feasible research projects, use appropriate methodologies, analyze and interpret the resulting data, and identify avenues for further exploration. Their original research will expand the current boundaries of knowledge in the field.
3. Write seminar papers and conduct dissertation research, prepare and submit manuscripts resulting from their research for publication in respected journals, and submit papers for presentation at professional conferences. Their independent research will contribute substantively to scholarship in the field.
4. Demonstrate breadth within their learning experience by taking at least four seminars, completing a minor area of study, and passing written preliminary exams in two different subfields. In addition, because our program emphasizes collective responsibility for training, students will be supervised and mentored by several faculty members with a range of expertise. They will also learn to mentor others.
5. Advance the contributions of sociological study to society by conducting research that explores complex ideas, analyzes quantitative and qualitative data, and disseminates new knowledge. Contribute to the vast body of scholarship and applied work that leads to the improvement of society. Share theory, methodology, and the results of research with the undergraduate students whom they teach and thereby foster an understanding of how social life works, what causes social change, and why humans behave in the ways they do.
6. Communicate complex ideas in a clear, organized, engaging manner to diverse audiences. Craft effective grant proposals; gather, manage, and analyze data; write papers that are thought-provoking, concise, and persuasive; present research informatively, listen with care and patience; and give and receive feedback orally and in writing.
7. Foster ethical and professional conduct by demonstrating respect for and having positive interactions with faculty members and staff, graduate student colleagues, and undergraduate students. Foster such conduct by the scientific rigor and honesty with which they design research, collect and analyze data, and interpret and report results.
8. (Career Preparation) Prepare for a range of sustainable careers in academia as well as government, private industry, and the nonprofit sector. Develop flexibility, leadership, and broadly applicable skills in critical thinking, problem solving, project management, collaboration, and communication.

**PEOPLE**

**Faculty:** Professors Schwartz (chair, Sociology), Bell (chair, Community & Environmental Sociology), Carlson, Curtis, Elwert, Emirbayer, Enstad, Ermakoff, Fletcher, Freeland, Friedland (affiliated), Fujimura, Gerber, Goldberg, Grodsky, Higgins (affiliated), Lim, Massoglia, Montgomery, Morales (affiliated), Nobles, O’Guinn (affiliated), Rogers (director, COWS), Seidman, Stoecker, Thornton (affiliated); Associate Professors Alatout, Christens (affiliated), Conti, Dykema (director, UWSC), Eason, Engelman, Feinstein, Grant (director, Graduate Studies), Halpern-Meakin (affiliated), Light, Posey-Maddox (affiliated), Shoemaker (affiliated), White; Assistant Professors Addo (affiliated), Balridge (affiliated), Bea (affiliated), Besbris, Conwell, Garoon, Ifatunji (affiliated), Jensen, Leachman (affiliated), Meuris (affiliated), Oh, Rios, Simmons (affiliated), Trejo, Ward, Xiong (affiliated).