SURVEY AND DATA SCIENCE (ONLINE) (MPDS)

Graduate Degree Program
College: Behavioral and Social Sciences

Abstract
The Joint Program in Survey Methodology (JPSM) blends together faculty with diverse disciplinary backgrounds all devoted to teaching state-of-the-art practices in the statistical and methodological aspects of surveys and data. The program’s faculty primarily come from the University of Maryland, University of Michigan and Westat, supplemented by instructors from a number of federal statistical agencies. Many of these faculty are leading researchers and statisticians in the field of survey methodology, thereby providing an unparalleled educational experience to the students. JPSM’s offerings include onsite PhD and Master’s degrees as well as online Certificates and a Professional Master’s degree.

Contact
Jody Williams
Joint Program in Survey Methodology
1218S LeFrank Hall
7251 Preinkert Drive
University of Maryland
College Park, MD 20742
Telephone: 301.314.7911
Email: jodywill@umd.edu
Website: http://jointprogram.umd.edu/

Courses: SURV


Admissions

General Requirements
- Transcript(s): Should show previous coursework or knowledge in mathematical/applied statistics demonstrated by completion of 6 credits of applied statistical methods courses covering content from probability theory through basic regression techniques (including both OLS and logistic regression)
- TOEFL/IELTS/PTE (international graduate students (https://gradschool.umd.edu/admissions/english-language-proficiency-requirements))

Program-Specific Requirements
- Provide a CV which should show at least one full year of relevant work experience at the time of application in a position dealing with survey or census design, data collection, or statistical analysis.
- Supplementary Application: Complete a one-page essay describing relevant work experience, interest in survey and/or data science, and expected benefits of enrolling in this degree program. (Uploaded to Supplementary Application in the Uploads Requirements section of the application.)
- Provide the contact information for three references: Supplementary Application Two (https://gradschool.umd.edu/sites/gradschool.umd.edu/files/uploads/admissionsforms/umdsupplementaryapplicationmpds.pdf)
- Statistics Prerequisites: Previous coursework or knowledge of mathematical/applied statistics demonstrated by completion of 6 credits of applied statistical methods courses covering content from probability theory through basic regression techniques (including both OLS and logistic regression). Students should provide a short explanation of how the requirement is met by noting courses on their transcripts, describing courses taken not for credit, or relevant work experience and attach relevant syllabi. If students cannot demonstrate prior knowledge, they will be required to pass an entrance examination administered by JPSM that tests knowledge of applied statistical methods.

*Visa Eligibility: This program is not eligible for I-20 or DS-2019 issuance by the University of Maryland.

Applicants must have earned a four-year baccalaureate degree from a regionally accredited U.S. institution, or an equivalent degree from a non-U.S. institution. Applicants must have earned a 3.0 GPA (on a 4.0 scale) in all prior undergraduate and graduate coursework.

For more admissions information or to apply to the program, please visit our Graduate School website: www.gradschool.umd.edu/admissions

Application Deadlines

Type of Applicant | Fall Deadline | Spring Deadline
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Domestic Applicants | 29 Jun | 31 Oct
International Applicants | 29 Jun | 31 Oct

Other Deadlines: Please visit the program website at http://jointprogram.umd.edu/

Requirements

Facilities and Special Resources
Training will be provided by permanent and adjunct faculty in the University of Maryland’s Joint Program in Survey Methodology. Online lectures will be conducted via accessible video conference systems and Webinar tools.

Students will be instructed that to fully participate, they will need to purchase a webcam and headset with a microphone, and have a reliable computer and Internet access. Recorded lectures will be posted online at announced times and will be available online at any time thereafter.
during the course. Weekly discussions or help sessions will be held at scheduled, fixed times once per week.

As officially admitted students to the University of Maryland, students in this program will have access to all University resources that are accessible in the online environment. Students in online programs are assessed an online student services mandatory fee which supports access to these University resources.

**Faculty**

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First/Middle Name</th>
<th>Graduate Faculty Status</th>
<th>Academic Credentials</th>
<th>Positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abraham</td>
<td>Katharine</td>
<td>Full Member</td>
<td>B.S., Iowa State, 1976; Ph.D., Harvard University, 1982</td>
<td>Professor, Intermediate Survey Methodology Professor, Survey and Data Science (online) Professor, Survey Methodology Professor, Survey Statistics Research Professor, Intermediate Survey Methodology Research Professor, Survey and Data Science (online) Research Professor, Survey Methodology Research Professor, Survey Methodology Research Professor, Survey Methodology</td>
</tr>
<tr>
<td>Conrad</td>
<td>Frederick G.</td>
<td>Full Member</td>
<td>B.A., Hampshire College, 1978; Ph.D., University of Chicago, 1986</td>
<td>Lahiri, Partha, Full Member</td>
</tr>
<tr>
<td>Couper</td>
<td>Mick P.</td>
<td>Full Member</td>
<td>B.Soc.Sc., University of Cape Town, 1978; M.A., University of Michigan, 1989; Ph.D., Rhodes University, 1990</td>
<td>Lee, Sunghee, Adjunct Member</td>
</tr>
<tr>
<td>Elliott</td>
<td>Michael</td>
<td>Full Member</td>
<td>B.S., Mathematics, University of Chicago 1985; M.S., Biostatistics, University of Michigan 1997; Ph.D., Biostatistics, University of Michigan 1999</td>
<td>Associate Research Professor, Survey and Data Science (online) Associate Research Professor, Survey Methodology Associate Research Professor, Survey Statistics Professor, Intermediate Survey Methodology Professor, Survey and Data Science (online) Professor, Survey Methodology Professor, Survey Methodology Professor, Survey Methodology Professor, Survey Methodology Professor, Survey Methodology</td>
</tr>
<tr>
<td>Kreuter</td>
<td>Frauke</td>
<td>Full Member</td>
<td>Ph.D, University of Konstanz 2001</td>
<td></td>
</tr>
<tr>
<td>Lahiri</td>
<td>Partha</td>
<td>Full Member</td>
<td>Ph.D, University of Florida, 1986</td>
<td></td>
</tr>
<tr>
<td>Lee</td>
<td>Sunghee</td>
<td>Adjunct Member</td>
<td></td>
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</tr>
<tr>
<td>Name</td>
<td>Designation</td>
<td>Full Member/B.S., M.P.H., Ph.D.</td>
<td>Associate/Professor, Survey and Data Science (online)</td>
<td>Full Member/B.S., M.S., Ph.D.</td>
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<tr>
<td>Lepkowski</td>
<td>James M.</td>
<td>B.A., Illinois State University, 1970; M.P.H., University of Michigan, 1976; Ph.D., University of Michigan, 1980</td>
<td>Research Professor, Survey and Data Science (online)</td>
<td>B.S., University of Arkansas, 1972; M.S., Cornell University, 1975; Ph.D., Johns Hopkins University, 1983.</td>
</tr>
<tr>
<td>Li</td>
<td>Yan</td>
<td>B.S. Computer Science, Beijing Institute of Technology 1997; M.S. Statistics, University of Nebraska at Lincoln 2002; Ph.D. Survey Statistics, University of Maryland at College Park 2006.</td>
<td>Associate Professor, Intermediate Survey Methodology Associate Professor, Applied Mathematics &amp; Statistics, and Scientific Computation Associate Professor, Survey and Data Science (online)</td>
<td>B.S., University of Maryland at College Park 2006.</td>
</tr>
<tr>
<td>Presser</td>
<td>Stanley</td>
<td>A.B., Brown University, 1971; Ph.D., University of Michigan-Ann Arbor, 1977.</td>
<td>Assistant Director, Survey Methodology Distinguished University Professor, Sociology Distinguished University Professor, Survey and Data Science (online)</td>
<td>A.B., Brown University, 1971; Ph.D., University of Michigan-Ann Arbor, 1977.</td>
</tr>
<tr>
<td>Sinibaldi</td>
<td>Jennifer</td>
<td>Adjunct Member</td>
<td>Assistant Research Professor, Intermediate Survey Methodology Assistant Research Professor, Survey and Data Science (online)</td>
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