Christopher Antoun
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University of Maryland, College Park, MD 20742

EDUCATION
Ph.D. 2015 University of Michigan. Survey Methodology
M.S.   2011 University of Michigan. Survey Methodology
B.A.   2004 University of Virginia. Economics; Political Theory

MAJOR POSITIONS
2024– present Assistant Professor, College of Information (INFO) and Joint Program in Survey Methodology (JPSM), University of Maryland
2018–2024   Assistant Research Professor, INFO and JPSM, University of Maryland
2017–2018   Lecturer, INFO and JPSM, University of Maryland
2015–2017   Postdoctoral Fellow, U.S. Census Bureau
2009–2015   Research Assistant, Institute for Social Research, University of Michigan
2005–2007   Peace Corps Volunteer, Sakon Nakhon, Thailand

OTHER POSITIONS AND AFFLIATIONS
2024–present Affiliate, Artificial Intelligence Interdisciplinary Institute at Maryland, UMD
2020–present Affiliate, Social Data Science Center, UMD
2019–present Faculty Associate, Population Research Center, UMD
2017–present Adjunct Research Assistant Professor, Survey Research Center, Institute for Social Research, University of Michigan

PEER-REVIEWED JOURNALS ARTICLES
Antoun, C., West, B. T., Yan, X., Zaidi, S. J. & Sinibaldi, J. (2025). An Experimental Comparison of Modular and Non-Modular Approaches for Administering Surveys via Smartphone Apps. *Journal of Survey Statistics and Methodology.*

Antoun, C., Yan, X., West, B. T., & Ong A. R. (2024). Developing a Modular Survey App using Co-Design Principles. *Field Methods*. https://doi.org/10.1177/1525822X24126099

Antoun, C., & Wenz A. (2024). Nonparticipation Bias in Accelerometer-Based Studies and the Use of Propensity Scores. *Social Science Computer Review*. https://doi.org/10.1177/08944393241254

Antoun, C., & Presser S. (2024). Open Questions Self-Administered on the Web versus Interviewer-Administered in Person: The 2016 American National Election Study Mode Comparison. *Public Opinion Quarterly*, *88*(2), 249-267.

Eckman, S., Unangst, J., Dever, J. A., & **Antoun, C.** (2023). Precision of Estimates of Nonresponse Bias in Surveys. *Journal of Survey Statistics and Methodology*, *11*(4), 758-783.

Zhang, C., **Antoun, C.**, Yan, H. Y., & Conrad, F. G. (2020). Professional Respondents in Opt-in Online Panels: What Do We Really Know? *Social Science Computer Review, 38*(6), 703-719.

Hubbard, F. A., Conrad, F. G., & **Antoun, C.** (2020). The Benefits of Conversational Interviewing Are Independent of Who Asks the Questions or the Types of Questions They Ask. *Survey Research Methods, 14*(5), 515-531.

Antoun, C., & Cernat, A. (2020). Factors Affecting Completion Times: A Comparative Analysis of Smartphone and PC Web Surveys. *Social Science Computer Review, 38*(4), 477-489.

Keusch, F., Struminskaya, B., **Antoun, C.**, Couper, M. P., & Kreuter, F. (2019). Willingness to Participate in Passive Mobile Data Collection. *Public Opinion Quarterly, 83*(S1), 210-235.

Antoun, C., Conrad, F. G., Couper, M. P., & West, B. T. (2019). Simultaneous Estimation of Multiple Sources of Error in a Smartphone-Based Survey. *Journal of Survey Statistics and Methodology, 7*(1), 93-117.

Antoun, C., Katz, J., Argueta, J., & Wang, L. (2018). Design Heuristics for Effective Smartphone Questionnaires. *Social Science Computer Review, 36*(5), 557-574.

Parikh, S. V., Taubman, D. S., **Antoun, C.**, et al. (2018). The Michigan Peer-to-Peer Depression Awareness Program: School-Based Prevention to Address Depression Among Teens. *Psychiatric Services, 69*(4), 487-491.

Antoun, C., Couper, M. P., & Conrad, F. G. (2017). Effects of Mobile versus PC Web on Survey Response Quality: A Crossover Experiment in a Probability Web Panel. *Public Opinion Quarterly, 81*(S1), 280-306.

Conrad, F. G., Schober, M. F., **Antoun, C.**, et al. (2017). Respondent Mode Choice in a Smartphone Survey. *Public Opinion Quarterly, 81*, 307-337.

Antoun, C., Zhang, C., Conrad, F. G., & Schober, M. F. (2016). Comparisons of Online Recruitment Strategies for Convenience Samples. *Field Methods, 28*(3), 231-246.

Schober, M. F., Conrad, F. G., **Antoun, C.**, et al. (2015). Precision and Disclosure in Text and Voice Interviews on Smartphones. *PloS one, 10*(6), e0128337.

JURIED CONFERENCE PROCEEDINGS
Olmsted-Hawala, E., Nichols, E., Falcone, B., Figueroa, I. J., **Antoun, C.**, & Wang, L. (2018). Optimal data entry designs in mobile web surveys for older adults. in *Human Aspects of IT for the Aged Population, ITAP 2018*, pp. 335-354.

Wang, L., **Antoun, C.**, Sanders, R., et al. (2017). Experimentation for developing evidence-based UI standards of mobile survey questionnaires. in *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems, CHI: Human Factors in Computing Systems,* pp. 2998-3004.

Johnston, M., Ehlen, P., Conrad, F. G., Schober, M. F., **Antoun, C.**, et al. (2013). Spoken dialog systems for automated survey interviewing. in *Proceedings of the Special Interest Group on Discourse and Dialogue 2013 Conference, SIGdial 2013*, pp. 329-333.

BOOK CHAPTERS
Lorenz, R., Beck, J., Horneber, S., Keusch, F., & **Antoun, C.** (2022). Google Trends as a tool for public opinion research: An illustration on perceived threats of immigration. in *Migration Research in Digitized World* (pp. 193-206). IMISCOE/Springer.

Schober, M. F., Conrad, F. G., **Antoun, C.**, et al. (2020). Interacting with interviewers in text and voice interviews on smartphones. in *Interviewer Effects from a Total Survey Error Perspective* (pp. 179-190). Chapman and Hall/CRC.

Conrad, F. G., Schober, M. F., **Antoun, C**., Hupp, A. L., & Yan, H. Y. (2017). Text interviews on mobile devices. in *Total Survey Error in Practice* (pp. 299-318). John Wiley & Sons, Inc.

Couper, M. P., **Antoun, C.**, & Mavletova, A. (2017). Mobile web surveys. in *Total Survey Error in Practice* (pp. 133-154). John Wiley & Sons, Inc.

Antoun, C. (2015). Who are the internet users, mobile internet users, and mobile-mostly internet users?: Demographic differences across internet-use subgroups in the US. in *Mobile research methods: Opportunities and challenges of mobile research methodologies* (pp. 99-117). London: Ubiquity Press.

NON-PEER REVIEWED JOURNAL ARTICLES
Rivas, A., **Antoun, C.**, Feuer, S., et al. (2022). Comparison of Three Navigation Button Designs in Mobile Survey for Older Adults. *Survey Practice, 15*(1).

Antoun, C., Nichols, E., Olmsted-Hawala, & E., Wang, L. (2020). Using Buttons as Response Options in Mobile Web Surveys. *Survey Practice, 13*(1).

Falcone, B., **Antoun, C.**, Nichols, E., et al. (2020). Typographic Cueing Facilitates Survey Completion on Smartphones in Older Adults. *Survey Practice, 13*(1).

OTHER PUBLICATIONS
Page, E. T., **Antoun C.**, Gonzalez J., Kantor L., Keusch F., Miller L., & Wenz, A. (2023). Editorial: Recent Advances in Survey Methods for Collecting Food Data. *Survey Methods: Insights from the Field.*

Wang, L., **Antoun, C.**, Falcone, B., et al (2022). Proposed Standards and Guidelines for Mobile Survey Instrument Design. Research Report Series #2022-02, U.S. Census Bureau.

Antoun, C. (2020). Open vs. Closed Survey Questions. *SAGE Research Methods Foundations: An Encyclopedia.* SAGE Publishing.

MANUSCRIPTS IN PROGRESS
Antoun, C., Roadhouse, J. E., & Page, E. (*conditional acceptance*). Exploring Common Causes of Survey Cooperation and Satisficing in a Diary Study. *Journal of Survey Statistics and Methodology.*

Conrad, F. G., Hupp, A. L., **Antoun, C**., et al. (*conditional acceptance*). Text Messaging as a Survey Interviewing Mode: A Deeper Look. *Journal of Survey Statistics and Methodology.*

Antoun, C. & Cernat, A. (*revise and resubmit*). Estimating Reliability in Cross-National Longitudinal Survey Measures.

Antoun, C., Frías-Martínez, V., Abrar S. M., Awasthi, N., & Garove, A. (*revise and resubmit*). Engaging Underserved Communities in Smartphone-Based Research: Comparing Mailings, Advertisements, and In-Person Recruitment Strategies.

Antoun, C., Frías-Martínez, V., Garove, A. Abrar S. M., & Awasthi, N. (*under review*). The Benefits of *In Situ* Reporting: Experimental Evidence from In-The-Moment Surveys of Public Transit Riders.

CONFERENCE AND WORKSHOP PRESENTATIONS (AS PRESENTER)

2025   "Behavior coding ANES interviews -- our experience," IPA-Northwestern Virtual Workshop on Audio Audits in Survey Methods, April 29.

2024   "Cross-national examination of survey item reliability," World Association for Public Opinion Research (WAPOR) annual conference, Seoul, South Korea, July 28-31.

   "Using an app for real-time measurement of transit rider satisfaction," Web Data Opp workshop, Barcelona, Spain, March 14-15.

   "Using an app for real-time measurement of transit rider satisfaction," American Association for Public Opinion Research (AAPOR) annual conference, Atlanta, GA, May 15-17.

2023   "Evaluating smartphone survey apps and modular design," AAPOR annual conference, Philadelphia, PA, May 10-12.

   "Evaluating smartphone survey apps and modular design," Conference of the European Survey Research Association (ESRA), July 17-21.

2022   "Effect of inclusion of test questions that precede survey questions on respondents' answers," AAPOR annual conference, Chicago, IL, May 11-13.

2021   "Co-designing a data collection app with potential respondents," Federal Committee on Statistical Methodology (FCSM) Research & Policy Virtual Conference, October 19-21.

   "Participation metrics for accelerometer-based research," FCSM Research & Policy Virtual Conference, October 19-21.

   "Participation metrics for accelerometer-based research," Mobile Apps and Sensors in Surveys (MASS) Virtual Workshop, April 6-7.

2020   "Asking open questions: The impact of data collection mode," AAPOR Virtual Conference, June 11-12.

   "Patterns of non-adherence in sensor measurement," AAPOR Virtual Conference, June 11-12.

2019   "Extracting meaning from passively collected app information," MASS Workshop, Mannheim, Germany, March 25-26.

2018   "Are those who misreport voting given more weight in nonresponse adjustments?" Current Population Survey Forum on Measuring Voter Turnout, Suitland, MD July 17.

2017   "Are those who misreport voting given more weight in nonresponse adjustments?" International Total Survey Error Workshop, Nuremberg, Germany, June 12-14.

   "Designing response options for touch in mobile surveys," AAPOR annual conference, New Orleans, LA., May 18-21.

2016   "Exploring why web surveys take longer to complete on smartphones than PCs: findings from a within-subjects experiment," AAPOR annual conference, Austin, TX, May 12-15.

2015   "Decomposing mobile versus PC Web mode effects in a probability Web panel," Joint Statistical Meetings (JSM), Seattle, WA, August 8-13.

   "Effects of mobile versus PC web on survey response quality: a crossover experiment in a probability Web panel," ESRA Conference, Reykjavik, Iceland, July 13-17.

   "Effects of mobile versus PC web on survey response quality: a crossover experiment in a probability Web panel," AAPOR annual conference, Hollywood, FL, May 14-17.

2014   "Comparing errors from non-coverage to other errors in a mobile web survey," International Web Survey Workshop, Bolzano, Italy, December 14-16.

   "Comparing errors from non-coverage to other errors in a mobile web survey," International Total Survey Error Workshop, Washington, D.C., June 1-4

   "Nonresponse in a mobile-web survey: causes and the performance of different predictive models," AAPOR annual conference, Anaheim, CA, May 15-18.

"A look at the causes of nonresponse in a mobile-web survey," WebDataNet Conference on Mobile Research, Larnaca, Cyprus, March 17-18.

2013   "Mobile-mostly Internet users and selection bias in traditional web surveys," Midwestern Association for Public Opinion Research Conference (MAPOR), November 22-23.

"Identifying the dimensions of question sensitivity: A multidimensional scaling study," AAPOR annual conference, Boston, MA, May 16-19.

2012   "Exploring the dimensionality of sensitive survey questions," MAPOR Conference, Chicago, IL, November 16-17.

"The utility of interviewer ratings about survey data quality," AAPOR annual conference, Orlando, FL, May 17-20.

2011   "Interviewer ratings of respondents who changed their answers," MAPOR, Chicago, IL November 18-19.

INVITED TALKS

2025   "Data collection using smartphones: Opportunities and challenges," Academia Sinica, Center for Survey Research, Taipei, Taiwan, July 4.

2024   "Developing a modular survey app using co-design principles," Likert Symposium, University of Michigan, Ann Arbor, MI, March 8.

2023   "Evaluating smartphone survey apps and modular design," National Center for Science and Engineering Statistics (NCSES), Virtual Event, December 5.

2023   "Evaluating smartphone survey apps and modular design," FCSM Innovating Data Group, Virtual Event, December 4.

2021   "Self-administration of open questions on the web compared to in-person administration by interviewers: The 2016 American National Election Study mode comparison," Westat, Virtual Event, April 6.

"Participant workshops to design a data collection app," NCSES, Virtual Event, September 23.

2020   "Design consideration for mobile web surveys," AAPOR, Webinar, November 19.

"Survey research, today and tomorrow," U.S. Census Bureau, Center for Behavioral Science Methods, Virtual Meeting, December 8.

2019   "Designing surveys for smartphones," JPSM Junior Fellows Program, Virtual Event, June 27.

2018   "Questionnaire design considerations for smartphone surveys," JPSM Junior Fellows Program, Virtual Event, July 26.

"Questionnaire design considerations for smartphone surveys," JPSM/Michigan Program in Survey Methodology, Seminar Series, College Park, MD, April 11.

"Effects of mobile versus PC Web on survey response quality: A crossover experiment in a probability web panel," Public Opinion Quarterly Special Issue Conference, Washington, DC., March 20.

2016   "Error considerations in mobile Web surveys," Pew Research Center, Washington, DC, February 12.

EXTERNAL GRANTS AND CONTRACTS

PI, USDA Economic Research Service, Cooperative Agreement, *Establishing an International Network for Food Acquisition and Purchase Surveys* ($150,459), 2020–2025.

Co-PI, National Science Foundation, Award No. 1956114, *Collaborative Research: Impacts of Hard/Soft Skills on STEM Workforce Trajectories* ($1,489,540), PIs: D. Feldon and J. Owen-Smith, 2020–2025.

Co-Investigator, National Science Foundation, Award No. 303376, *Inclusive Public Transit Toolkit to Assess Quality of Service Across Socioeconomic Status in Baltimore City* ($2,349,550), PI: V. Frias-Martinez, 2020–2025.

PI on sub-award, National Center for Science and Engineering Statistics, *Modernizing NCSES Data Collection Approaches* (UMD share: $88,778), PI: J. Wagner, 2020–2023.

INTERNAL GRANTS
Dean's Research Initiative, College of Behavioral and Social Sciences ($15,000), 2022–2025.

Global Classrooms Initiative, Office of International Affairs ($10,000), 2018–2020.

Year of Data Science Initiative ($23,000), 2018–2019.

HONORS
AAPOR Seymour Sudman Student Paper Competition Winner, 2015

COURSES TAUGHT [* = developed the course curriculum]
 Undergraduate Courses
  Decision Making for Information Science* (Fall '17, Spring '18, Fall '18, Spring '19, Fall '19, Spring '20, Fall '20, Spring '21)
  Design and Implementation of Web Surveys* (Spring '21)
  Questionnaire Design (Spring '23, Spring '24)
  Statistics for Information Science (Spring '24, Spring '25)

 Graduate Courses
  Big Data in Immigration Research* (Spring '19, Spring '20)
  Data Analytics for Information Professionals (Spring '18, Fall '22, Fall '25)
  Fundamentals of Data Collection I (Fall '19, Fall '20, Fall '21, Fall '22, Fall '23, Fall '24, Fall '25)
  Fundamentals of Data Collection II (Spring '20, Spring '21, Spring '22, Spring '23)
  Questionnaire Design (Spring '23, Spring '24)
  Seminar in Research Methods and Data Analysis* (Fall '21, Fall '23)
  Total Survey Error/Quality I (Fall '17, Fall '18, Fall '19, Fall '20, Fall '21)
  Total Survey Error/Quality II (Spring '21)

 Summer Courses
  Design and Implementation of Web Surveys, University of Michigan Summer Institute in Survey Research Techniques (2021, 2022)
  Design and Implementation of Web Surveys, GESIS Summer School in Survey Methodology (2021, 2022)

INDEPENDENT STUDY
Ritwik Mishra, Master's Student, Information Management (Fall 2018)

PHD STUDENT ADVISING
Alex Breslin (Co-Advisor, 2019–2024)

Anthony Garove (2022–present)

MASTER'S THESIS COMMITTEES

Shannon Fitzgerald, Human-Computer Interaction (Defended 11/20/2020)

DISSERTATION COMMITTEES
Alexis Kokoska, Survey and Data Science

Jian Zheng, Information Studies

Htay-Wah Saw, Survey and Data Science (Defended 4/25/2025)

Alex Brown Breslin, Survey and Data Science (Co-Chair; Defended 9/5/2024)

EDITORSHIP, EDITORIAL BOARDS, REVIEWING ACTIVITIES
Panelist, Review Panel, National Science Foundation, Directorate for Social, Behavioral and Economic Sciences (SBE), Division of Social and Economic Sciences (SES), 2025

Editorial Board Member, *Public Opinion Quarterly*, 2021–present

Associate Editor, *Journal of Survey Statistics and Methodology*, 2020–2023

Guest Editor, special issue "Food Acquisition Research and Methods" of *Survey Methods Insights from the Field* (with E. Page, J. Gonzalez, L. Kantor, F. Keusch, L. Miller, and A. Wenz), 2023

External Reviewer, National Science Foundation, Directorate for Social, Behavioral and Economic Sciences (SBE), Division of Social and Economic Sciences (SES), 2022

Reviewer for the following journals:
    Behavior Research Methods
    Educational and Psychological Measurement
    The European Journal of Social Science Research
    Field Methods
    International Journal of Human-Computer Interaction
    International Journal of Public Opinion Research
    International Journal of Social Research Methodology
    Journal of Development Economics
    Journal of Official Statistics
    Journal of Survey Statistics and Methodology
    Methods, Data, Analyses
    Political Science Research and Methods
    Population and Environment
    Public Opinion Quarterly
    Social Sciences
    Social Science Computer Review
    Sociological Methods and Research
    Statistical Journal of the IAOS
    Survey Methodology
    Survey Methods: Insights from the Field
    Survey Research Methods

PROFESSIONAL SERVICE
Member, Sudman Student Paper Award Committee, AAPOR, 2023

Jury, Best Paper Award, General Online Research Conference, 2021–2023

Organizer, International Food Acquisition Research and Methods (iFARM) Workshop, 2022

Advisory Board, International Program in Survey and Data Science, 2018–2022

Trainer, World Bank Consultancy on Phone Surveys, 2021

Member, Abstract Review Committee, AAPOR Conference, 2021

Chair, Website Subcommittee, AAPOR, 2018–2020

Member, Communications Committee, AAPOR, 2017–2020

CONFERENCE SESSION ORGANIZER/CHAIR
2025   "Open-ended survey questions: Innovations in design and analysis," Organizer & Chair, Joint Statistical Meetings, Nashville, TN, August 2-7.
2023   "Data collection with wearable devices," Organizer & Chair, ESRA Conference, Milan, Italy, July 17-21.
2022   "Combining survey and digital trace data," Chair, Joint Statistical Meetings, Washington D.C., August 6-11.
2020   Scaling up smartphone data collection: Can it work?" Organizer & Chair, Roundtable Discussion (with F. Keusch), Joint Statistical Meetings Virtual Conference, August 2-6.
2019   "Mobile web surveys. General overview and questionnaire design considerations," Organizer & Chair, Professional Training Session (with F. Keusch), AAPOR Conference, Toronto, Canada, May 16-19.
2017   "Improving mobile web questionnaires," Organizer, ESRA Conference, Lisbon, Portugal, July 17-21.

PROFESSIONAL ASSOCIATIONS
American Association for Public Opinion Research (2009–present)
American Statistical Association (2013–present)
European Survey Research Association (2014–present)
World Association for Public Opinion Research (2024)

CAMPUS SERVICE AND ADMINISTRATION
Director of Graduate Studies, JSPM, 2020–2023

Chair, MS Admissions Committee, JPSM, 2021–2023

Member of the following committees:
    Reviewer for AIM Research Seed Award Program (2025)
    INFO Research Centers and Collaboration (RCC) Committee (2024-present)
    Information Science Undergraduate Program (2017-2018, 2024-present)
    Social Data Science Undergraduate Program (2019-2020)
    JPSM PhD Admissions (2024)
    Game, Entertainment, and Media Analytics and Data Journalism Program (2022-2024)
    INFO Faculty Interview Committee for Assistant Research Scientist (2022)
    Faculty Search Committee for SoDa Assistant Research Scientist (2021)
    Review Committee for the SoDa PhD Assistantship (2021)

JPSM MS Admissions (2018-2020)
JPSM Marketing (2019-2020)
Hiring Committee for SoDa Executive Director (2019)
INFO Diversity (2018-2019)
Steering Committee for UMD Year of Data Science (2017-2019)

I certify that this CV is a current and accurate statement of my professional record.

9/3/25