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## Education

- 2015 DOCTOR OF PHILOSOPHY, SURVEY RESEARCH AND METHODOLOGY, UNIVERSITY OF NEBRASKA-LINCOLN, UNITED STATES
- 2011 MASTER OF SCIENCE SURVEY METHODOLOGY, UNIVERSITY OF MICHIGAN, UNITED STATES
- 2008 MASTER OF ARTS, INTERNATIONAL ECONOMICS AND FINANCE, CHULALONGKORN UNIVERSITY, THAILAND
- 2007 BACHELOR OF STATISTICS (SECOND CLASS HONORS), APPLIED STATISTICS, CHULALONGKORN UNIVERSITY, THAILAND

## Publications

### Peer-Reviewed Journal Articles

- "Respondent Processing of Multiple Images throughout a Web Survey", Sociological Methods and Research, 50(1): 175-201, 2021, (Charoenruk, N., Stange, M.)
- "The Need for Knowledge Acquisition Tools by Small Business Entrepreneurs: The Case of Financial Knowledge Acquisition of Restaurant Entrepreneurs". ABAC Journal, 41(1), 241-258, 2021 (Rachapaettayakom, P., Wiriyapinit, M., Cooharajanone, N., Tanthanongsakkun, S., & Charoenruk, N.)
- "The Need for Financial Knowledge Acquisition Tools and Technology by Small Business Entrepreneurs". Journal of Innovation and Entrepreneurship, 9(1), 1-28., 2020, (Rachapaettayakom, P., Wiriyapinit, M., Cooharajanone, N., Tanthanongsakkun, S., & Charoenruk, N.)
- "Issues for Consideration in Reliability of Survey Data", Thammasat Journal of Science and Technology, 27(1) Feb.2019, (Charoenruk, N., Kulvanich, N.).
- "Managing QoS of Internet-of-Thing Services using Blockchain", IEEE Transactions on Computational Social Systems, 6(6) : 1357-1368, Dec.2019, (Viriyasitavat, W., Xu, L., Bi, Z.M., Hoonsoon, D., Charoenruk, N).
- "Do Listeners Perceive Interviewers' Attributes from their Voices and Do Perceptions Differ by Question Type?", Field Methods, 30(4) : 312-328, Jul.2018, (Charoenruk, N. and Olson, K.).

## Publications

### Peer-Reviewed Academic/Professional Meeting Presentations

"Interviewer voice characteristics and data quality", the 2015 American Association for Public Opinion Research (AAPOR) conference, Hollywood, FL, 2015, (Charoenruk, N.).

"Interviewer voice characteristics and data quality", the 2014 Midwest Association for Public Opinion Research (MAPOR) conference, 2014, (Charoenruk, N.).

"Interviewer variance of interviewer and respondent behaviors: a comparison between calendar and conventional interviewing", the 2014 ISA World Congress of Sociology conference, Yokohama, Japan, 2014, (Belli, R., & Charoenruk, N.).

"Interviewer voice characteristics and data quality", the 2014 Midwest Association for Public Opinion Research (MAPOR) conference, 2014, (Charoenruk, N.).

"Respondent processing of multiple images throughout a Web Survey", The 2014 American Association for Public Opinion Research (AAPOR) conference, Anaheim, CA, 2014, (Charoenruk, N., & Stange, M.).

"Using eye-tracking to examine respondent process of images in web surveys", the 2013 Midwest Association for Public Opinion Research (MAPOR) conference, Chicago, IL., 2013, (Stange, M. & Charoenruk, N.).

"The effect of visual designs in web surveys on response process across literacy groups", the 2012 Midwest Association for Public Opinion Research (MAPOR) conference, 2012, (Charoenruk, N.).

"Re-examining the effects of grouping the options in factual questions", the 2011 American Association for Public Opinion Research (AAPOR) conference, Phoenix, AZ., 2011, (Charoenruk, N., Redline, C., & Tourangeau, R.).

"Sensitive topics: Mode, race, gender effects and a link between nonresponse bias and measurement error", the 2011 Midwest Association for Public Opinion Research (MAPOR) conference, 2011, (Charoenruk, N.).

### Research Grants

"National Research Council of Thailand", 2017-2018, (เกียรติสุไพบุลย์, เสกสรร, กิรพัฒน์, สันติ, ศรัวิศาล, นราพงศ์, เจริญรักษ์, นิตติฤดี และ ละออนวล, ดลชัย).

"National Research Council of Thailand", 2016-2017, (เจริญรักษ์, นิตติฤดี และ ตันทนงศักดิ์กุล, สุภารัตน์).

"NSF doctoral dissertation grant (NSF SES-1356985)", May.2014-May.2016, (Olson, K. & Charoenruk, N.).

## Publications

### Funded Research Reports

“Analysis of Sufficient Saving Net Worth for Elderly Lives in Rural Communities: Phase 2”.

National Research Council of Thailand. 2019, (Kaitsupaibul, S., Tirapat, S., Srivisal, N., Charoenruk, N., & Laonul, D.).

“A Study of the Elderly’s Optimal Savings in Rural Communities”. National Research Council of Thailand. 2017, (Charoenruk, N. & Tanthanongsakkun, S.)