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EDUCATION

Ph.D., Survey Research and Methodology, University of Nebraska-Lincoln, 2012
M.S., Survey Methodology, University of Maryland, 2005
M.A., Political Science, University Of Kansas, 2003
B.A., Political Science, University Of Kansas, 2001

EMPLOYMENT

- 2015-present** **Research Fellow, Institute for Social and Economic Research (ISER)**
Affiliated Faculty, Institute for Analytics and Data Science
University of Essex, Colchester, UK
- 2017-2018 Parliamentary Academic Fellow, House of Lords, United Kingdom Parliament
- 2013-2015 Senior Research Officer, ISER, University of Essex, Colchester, UK
- 2012-2013 Research Assistant Professor, Survey Research and Methodology, University of
Nebraska
- 2009-2013 Gallup Research Scholar, Gallup Research Center, University of Nebraska

PUBLICATIONS

- Al Baghal, T., Sloan, L., Jessop, C., Williams, M., and Burnap, P. (2018). Linking Twitter and Survey Data: The Impact of Survey Mode and Demographics on Consent Rates Across Three UK Studies. Forthcoming at *Social Science Computer Review*
- Al Baghal, T. (2017) The Effect of Online and Mixed-Mode Measurement on Cognitive Ability, *Social Science Computer Review* doi: 10.1177/0894439317746328
- Al Baghal, T. (2017). “Last Year Your Answer Was ...”: The Impact of Dependent Interviewing Question Wording on Measures of Change. *Field Methods*, 29: 61-78
- Al Baghal, T. and Kelley, J. (2016). The Stability of Mode Preference: Implications for Longitudinal Survey Design. *Methods, Data, Analysis*, 10:143-166
- Belli, R.F., Miller, L.D., Al Baghal, T , and Soh, L-K (2016). Calendar Interviews: Predicting Respondent Retrieval Strategies. *Journal of Official Statistics*, 32:579-600.
- Belli, R.F. and Al Baghal, T. (2016). Parallel Associations and the Structure of Autobiographical Knowledge. *Journal of Applied Research on Memory and Cognition*, 5:150-157
- Al Baghal, T. (2016). Obtaining Data Linkage Consent for Children: Factors Influencing Outcomes and Potential Biases. *International Journal of Social Research Methodology*, 19: 623-644
- Al Baghal, T. and Lynn, P. (2015). Using Motivational Statements in Web Instrument Design to Reduce Item Missing Rates in a Mixed-Mode Context. *Public Opinion Quarterly* 79:568-579
- Al Baghal, T., Belli, R.F., Phillips, A.L., and Ruther, N. (2014). What Are you Doing Now? Activity Level Responses and Error in the American Time Use Survey. *Journal of Survey Statistics and Methodology*, 2: 519-537
- Al Baghal, T. (2014). Is Vague Valid?: The Comparative Predictive Validity of Vague Quantifiers and Numeric Response Options. *Survey Research Methods*, 8:169-179

- Al Baghal, T. (2014). Numeric Estimation and Response Options: An Examination of the Accuracy of Numeric and Vague Quantifier Responses. *Journal of Methods and Measurement in the Social Sciences*, 5: 58-75
- Al Baghal, T. (2014) Estimating Support for Extremism and Its Correlates: The Case of Pakistan. *Ask: Research and Methods*, 23: 35-56
- Belli, R.F., Bilgen, I. and Al Baghal, M.T. (2013). Memory, Communication, and Data Quality in Calendar Interviews. *Public Opinion Quarterly*, 77:194-219
- Baghal, T. (2012). Are the “Four Factors” Indicators of One Factor?: An Application of Structural Equation Modeling Methodology to NBA Data in Prediction of Winning Percentage. *Journal of Quantitative Analysis in Sports* 8(1)
- Baghal, T. (2011). The Measurement of Risk Perceptions: The Case of Smoking. *Journal of Risk Research*, 14:351-364
- Al Baghal, T. and McCutcheon, A.L. (2010). Latent Support for Sub-National Military Groups in Pakistan. *Proceedings of the Survey Research Methods Section, American Statistical Association*.
- Haider-Markel, D.P., Joslyn, M., and Al Baghal, M.T. (2006). Can We Frame the Terrorist Threat? Issue Frames, the Perception of Threat, and Opinions on Counter-Terrorism Policies. *Journal of Political Violence and Terrorism*, 18:545-559
- Carpenter, D., Nieva, V., Al Baghal, T. and Sorra, J. (2005). Development of a Planning Tool to Guide Dissemination of Research Results. *Advances in Patient Safety: From Research to Implementation*, 4:83-91

WORKS UNDER REVIEW

- Jäckle, A., Al Baghal, T., and Eckman, S. “Interviewer and respondent behaviours when measuring change with dependent interviewing” *accepted as a Methodology of Longitudinal Survey Conference 2 monograph*
- Al Baghal, T., Sloan, L., Jessop, C., Williams, M., and Burnap, P. “Linking Twitter and Survey Data: The Impact of Survey Mode and Demographics on Consent Rates Across Three UK Studies” Revise and Resubmit at *Social Science Computer Review*
- Gaia, A. and Al Baghal, T. “The Longitudinal Item Count Technique: a new technique for asking sensitive questions in surveys” Revise and Resubmit at *Methods, Data, Analysis*
- Al Baghal, T. “Measuring Usage and Impact at the House of Lords Library” Under review at *International Federation of Library Associations Journal*

WORKS IN PROGRESS

- Al Baghal, T., and Poupakis, S. “Extending Multilevel Sample Selection Models to Household Panel Surveys”
- Al Baghal, T. and Cernat, A. “Identifying Those Who Really Have a Mode Preference: Does this Explain Positive Results”
- Wenz, A, Al Baghal, T. and Gaia, A. “The Impact of Language Ability on Longitudinal Data Quality”
- Sloan, L., Jessop, C., and Al Baghal, T. “Linking Survey and Twitter Data: Ethics, Consent, Anonymity, Archiving and Sharing”

UNIVERSITY TEACHING EXPERIENCE

Graduate Courses

Survey Measurement and Question Design
Applied Sampling
Questionnaire Design
Random/Non-Random Research Designs (Assisted)
Interviewer and Respondent Interaction (Assisted)

Undergraduate Courses

Research Design for Political Scientists (Assisted)
International Relations (Assisted)

OTHER TEACHING EXPERIENCE

Design and Implementation of Longitudinal Surveys, GESIS Summer School in Survey Methodology, Cologne, Germany, August 2015, August 2016, August 2017, August 2018
Applied Sampling, Barcelona Summer School in Survey Methodology, Universitat Pompeu Fabra, June 2016, July 2017, June 2018
Designing Research for Your Data, University of Essex Big Data and Analytics Summer School, Colchester, UK, July 2017
Survey Sampling and Design, Course for Rwanda Biomedical Center, March 2014
Invited Lectures on Survey Design and Sampling, for Delegates from China's National Bureau of Statistics, September and November, 2014

RESEARCH TRAINING VIDEO

“An Introduction to Questionnaire Design” *SAGE Research Methods Video*
<https://methods.sagepub.com/video/an-introduction-to-questionnaire-design>

“Researching Extremism: Latent Class Analysis” *SAGE Research Methods Video*
<https://methods.sagepub.com/video/researching-extremism-latent-class-analysis>

CONSULTING

2011-present Sampling Statistician, Buffalo Beach Company, Lincoln, NE
2016-present Islam on Campus project, Durham University, SOAS
2017-present Gender Identity Development Service, NHS (UK)
2016-2018 Housing Associations' Charitable Trust (UK)
2014-2016 Defoe Research, Mexico City, Mexico
2015-2015 No to Assisted Suicide (UK)
2012-2012 IFM Sports Marketing North America, St. Louis, MO

CONFERENCE PRESENTATIONS (SELECTED, LAST 5 YEARS)

Sloan, L., Jessop, C., and Al Baghal, T. “Linking Survey and Twitter Data: Ethics, Consent, Anonymity, Archiving and Sharing” To be presented at the BigSurv18 Conference, October 2018
Jäckle, A., Al Baghal, T., and Eckman, S. “Interviewer and respondent behaviours when measuring change with dependent interviewing” Presented at the Methodology of Longitudinal Surveys 2 Conference, July 2018
Wenz, A, Al Baghal, T. and Gaia, A. “The Impact of Language Ability on Longitudinal Data

- Quality” Presented at the European Survey Research Association, July 2017
- Al Baghal, T., Burton, J. and Poupakis, S. “Do Interviewers’ attitudes towards sharing personal information affect the consent rate they achieve?” Presented at the European Association of Methodology, July 2016
- Al Baghal, T., and Burton, J. “Do Interviewers’ attitudes towards sharing personal information affect the consent rate they achieve?” Presented at Panel Survey Methods Workshop, June 2016
- Al Baghal, T., Nares, Y. and Wenz, A. “Linking Social Media to Survey Responses: Possible Issues and Potential Uses” Presented at the European Survey Research Association, July 2015
- Jäckle, A. and Al Baghal, T. “Interviewer and respondent behaviours when measuring change with dependent interviewing” Presented at the European Survey Research Association, July 2015
- Al Baghal, T. “Linking administrative records to surveys for adults and children: How do decisions differ and what impacts these decisions?” Presented at the World Association for Public Opinion Research, September 2014
- Al Baghal, T., Jäckle, A., and Agaloti-Sgompou, V.M. “Last Year Your Answer Was ...: The Impact of Cognitive Effort, Life History, and Dependent Interviewing on Measures of Change” presented at the International Sociological Association RC33 Conference, July 2014
- Al Baghal, T. “Numeric Estimation and Response Options: An Examination of the Measurement Properties of Numeric and Vague Quantifier Responses,” presented at the American Association of Public Opinion Research, May 2013
- Al Baghal, T., Phillips, A.L., Ruther, N., Belli, R.F., Eck, A., Stuart, L., and Soh, L.K. “What Are you Doing Now? Activity Level Responses and Error in the American Time Use Survey” presented at the American Association of Public Opinion Research, May 2013
- Al Baghal, T., McCutcheon, A., and Tsabutashvili, D. “Predicting Survey Breakoff in Internet Survey Panels” presented at the American Association of Public Opinion Research May 2013
- Dash, K. and Al Baghal, T. “Changing Perceptions in the New India” presented at the Gallup Symposium on Advances in Survey Research, April 2013

TECHNICAL REPORTS

- Nebraska Safety Belt Use 2018 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, August 2018
- A Report on Collection and Analyses of Data Measuring Usage and Impact of the House of Lords Library* prepared for the House of Lords Library, July 2018
- A Report on Analyses of Data from the Freedom From Torture (FfT) Daylight Administrative Database*, prepared for Freedom from Torture and ESRC, November 2017
- Nebraska Safety Belt Use 2017 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, October 2017
- Technical Note on the Reselection of Survey Sites for Nebraska Safety Belt Survey*, for the National Highway Traffic Administration (USA), January 2017
- Nebraska Safety Belt Use 2016 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, October 2016
- Nebraska Safety Belt Use 2015 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, October 2015
- Nebraska Safety Belt Use 2014 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, October 2014
- Nebraska Annual Synar Report, Appendix D: List Sampling Coverage Study* with Ian Newman, Buffalo Beach Company, December 2013
- Nebraska Safety Belt Use 2013 Report: A Report for the Nebraska Office of Highway Safety* with Ian Newman, Buffalo Beach Company, October 2013

Nebraska Safety Belt Use 2012 Report: A Report for the Nebraska Office of Highway Safety with Ian Newman, Buffalo Beach Company, July 2012
Seat Belt Use Survey Design for Nebraska: Sampling, Data Collection and Estimation Plan, for the National Highway Traffic Administration (USA), with Ian Newman, November 2011.
The Incidence and Related Factors of Prostitution in Lincoln, Nebraska, presented at the Lincoln, NE. Police Department, July 2009
Indicators of the Kansas Economy: Assessment and Prototypes Project Final Report with Larry Hoyle, Pat Oslund, Xanthippe Wedel, Genna Hurd, Amber Reynolds, Dane Hanson, and Ken Nelson Institute for Policy & Social Research, University of Kansas, April 2006
Kansas Policy Survey: Fall 2001, with Chad Kniss and Donald Haider-Markel, Institute for Policy & Social Research, University of Kansas, Summer 2002

GRANT ACTIVITY

Co-PI “Understanding [Offline/Online] Society: Linking Surveys with Twitter Data”, submitted to the Economic and Social Research Council (UK) Open Call - £750,000
Parliamentary Academic Fellowship (UK), part of the Impact Acceleration Award, 2017
Researcher, *Understanding Society waves 9-11*, Economic and Social Research Council (UK)
Michaela Benzeval (PI) - £28,726,219 April 2017 to Oct 2021
Researcher, *Utilising Big Data in the Practice of Torture Survivors' Rehabilitation*, Economic and Social Research Council (UK) 2015-2016 - £247,805 Sept 2015 – Mar 2017
Executive Dean’s Fund Grant for Teaching in Rwanda, 2014 -£1000
Member, Analytical Associate Pool, Department for Education, United Kingdom 2015-2017

FELLOWSHIPS AND AWARDS

Parliamentary Academic Fellowship, House of Lords, UK Parliament, 2017-2018
University of Nebraska-Lincoln Chancellor’s Fellowship, 2009-2013
Honorable Mention, DC-AAPOR student paper competition, 2005
Honorable Mention, DC-AAPOR student paper competition, 2004
Thompson Scholarship, Academic Year 2001-2002
Political Science National Honor Society, Spring 2001

GRADUATE STUDENT ADVISING

Second Supervisor, Alexander Wenz, PhD completed 2018
First Supervisor, Jennifer Kelley, PhD expected 2019
Second Supervisor, Valerija Kolbas, PhD expected 2018
Second Supervisor, Brendan Read, PhD expected 2019
Supervisor, Lyubomir Siderov, MS, graduated October 2014

MEDIA COVERAGE

“Poll backing assisted dying 'skewed and ambiguous': Warning as MPs debate right-to-die bill.”
Daily Mail (UK), Sept. 11, 2015
<http://www.dailymail.co.uk/news/article-3230108/Poll-backing-assisted-dying-skewed-ambiguous->

[Warning-MPs-debate-right-die-bill.html](#)

“Q5: Survey research takes former resident around the world.” *Leavenworth Times*, Nov. 18, 2014
<http://www.leavenworthtimes.com/article/20141118/NEWS/141119271/0/?Start=1>

“Leading Survey Innovation.” *Taking the Long View 2014-2015*, ISER, University of Essex, 2015
https://www.iser.essex.ac.uk/system/annual_reports/file_downloads/000/000/018/original/ISER-Report-2015.pdf

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

European Survey Research Association

World Association for Public Opinion Research

Reviewer for *Journal for Medical Internet Research*, *Survey Research Methods*, *Journal of Official Statistics*, *Social Science Computer Review*, *International Journal of Social Research Methodology*, *SAGE Publishing*, *Journal of Survey Statistics and Methodology*, *PLoS One*, *Field Methods*

DEPARTMENT/UNIVERSITY SERVICE

Technology Topic Champion, UKHLS Scientific Group

Editor, United Kingdom Household Longitudinal Survey Working Paper series

Editor, Innovation Panel Methodological Experiments Annual Paper

Co-organizer, ISER Monday Seminar Series

Convener, Methods Research Group, ISER

STATISTICAL METHODS EMPLOYED

Multilevel Models, Interval and Categorical Outcomes

Text Mining and Analytics

Models for Categorical Data

Structural Equation Models

Latent Class Models

Selection Models

Analysis of Complex Survey Designs

Linear Regression Models

COMPUTER PROGRAM PROFIECIENCY

SAS –advanced

STATA – advanced

SPSS – intermediate

LEM –intermediate

MPLUS – intermediate

R – intermediate

Qualtrics survey design - advanced

OTHER INFORMATION

UK Tier-2 Residency Permit

Citizenship: USA (born Savannah, GA)
Certificate in Arabic, University of Jordan, Amman, Jordan, August 2005