

Rachel E. Dianiska

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Employment

2020– *Postdoctoral Fellow*, University of California, Irvine
Department of Psychological Science
Advisor: Jodi Quas, PH.D.

Education

2020 PH.D. in Psychology, **Iowa State University**, Ames, IA
Advisor: Christian Meissner, PH.D.
Dissertation: *Lying and memory in forensic interviews: The influence of voluntary deception and repeated interviews on memory for the truth*

2017 M.S. in Psychology, **Iowa State University**, Ames, IA
Advisor: Christian Meissner, PH.D.
Thesis: *Negation-induced forgetting: Is there a consequence to saying "no"?*

2014 B.S. in Psychology (College Honors, *Summa cum laude*, **Louisiana State University**, Baton Rouge, LA
Advisor: Sean Lane, PH.D.
Thesis: *The influence of repeated denials on memory for actions*

2014 B.A. in Sociology (College Honors, *Summa cum laude*, **Louisiana State University**, Baton Rouge, LA

Research Grants

2021 - 2024 National Science Foundation (\$613,290). *Testing the Value of Rapport Building to Enhance Disclosures in Online and In-Person Interviews*. (Co-Principal Investigator with Jodi Quas.)

Publications

PEER-REVIEWED JOURNAL ARTICLES

2022 **Dianiska, R.E.** & Meissner, C.A. (2022, accepted manuscript). The effect of lying on memory for the truth when deception is repeated and volitional. *Journal of Applied Research in Memory and Cognition*.

Evans, J. R., Dawson, H. R., Chae, H., Goldfarb, D., Fisher, R. P., **Dianiska, R.E.**, & Meissner, C. A. (2022, in press) Enhancing the effectiveness of contact tracing interviews: A randomized controlled experiment of an enhanced cognitive interview protocol. *American Journal of Infection Control*.

2021 **Dianiska, R.E.**, Swanner, J.K., Brimbal, L., & Meissner, C.A. (2021). Using disclosure, common ground, and verification to build rapport and elicit information. *Psychology, Public Policy, and Law*, 27(3), 341–353.

Brimbal, L.B., Meissner, C.A., Kleinman, S.M., Phillips, E.P., Atkinson, D.J., **Dianiska, R.E.**, Rothweiler,

J., Oleszkiewicz, S., & Jones, M.S. (2021). Evaluating the effectiveness of training an evidence-based approach to investigative interviewing with law enforcement personnel. *Law and Human Behavior*, 45(1), 55-67.

2019 Cash, D.K., **Dianiska, R.E.**, & Lane, S.M. (2019). The effect of statement type and repetition on deception detection. *Cognitive Research: Principles and Implications*, 4, 38.

Dianiska, R.E., Swanner, J.K., Brimbal, L.B., & Meissner, C.A. (2019). Conceptual priming and context reinstatement: A test of direct and indirect interview techniques. *Law and Human Behavior*, 43, 131-143.

Brimbal, L.B., **Dianiska, R.E.**, Swanner, J.K., & Meissner, C.A. (2019). Enhancing cooperation and disclosure by manipulating affiliation and developing rapport in investigative interviews. *Psychology, Public Policy and Law*, 25, 107-115.

2016 Swanner, J.K., Meissner, C.A., Atkinson D., & **Dianiska, R.E.** (2016). Developing diagnostic, evidence-based approaches to interrogation. *Journal of Applied Research in Memory and Cognition*, 5(3), 295-301.

PEER-REVIEWED CONFERENCE PROCEEDINGS

2021 Rozell, J., Stonewall, J., Vacura, S., Lawrence, H., Loseke, J., ... **Dianiska, R.E.**, Johnston, C., Robbins, L., Belling, E., Peasley, C., Oliver, J., & Wu, P. (2021). Circuit World: A multiplayer VE for researching engineering learning. *Proceedings of the 2021 IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW)*.

2020 **Dianiska, R.E.**, Peasley, C.J., Wilson, N., Barnett, N., Hammel, L., Purdy, B., Wu, P., Shirtcliff, E., Oliver, J.H., & Gilbert, S.B. (2020). Do you need to travel? Mapping face-to-face communication objectives to technology affordances. *Proceedings of the Human Factors and Ergonomics Society (HFES) Annual Meeting* (Vol. 64).

Peasley, C.J., **Dianiska, R.E.**, Oldham, E., Wilson, N., Gilbert, S.B., Wu, P., Israelsen, B., & Oliver, J. (2020). Evaluating Metrics for Standardized Benchmarking of Remote Presence Systems. *IEEE VR 2020 Workshop: VR in VR, Online*.

BOOK CHAPTERS

2022 Wyman, J., **Dianiska, R.**, Henderson, H., & Malloy, L. (In press) Adolescent victims and witnesses: Disclosures, memory, and suggestibility. In A. Redlich & J. Quas (Eds.) *Handbook of developmental psychology and law*. Oxford University Press.

2021 **Dianiska, R.E.**, Manley, K.D., & Meissner, C.A. (2021). A process perspective: The role of theory in eyewitness research. In A.M. Smith, M.P. Toglia, & J.M. Lampinen (Eds.) *Methods, measures, and theories in eyewitness identification tasks*. Taylor & Francis.

2019 **Dianiska, R.E.**, Cash, D.K., Lane, S.M., & Meissner, C.A. (2019). The reciprocal nature of lying and memory: Memory confabulation and diagnostic cues to deception. In T. Docan-Morgan (Ed.) *The handbook of deceptive communication*. Palgrave.

WORKING PAPERS

Dianiska, R.E., Wu, P., Peasley, C.J., Ouversen, K., Stonewall, J., Oldham, E., Israelsen, B., Gilbert, S.B., & Oliver, J.H. (Manuscript under revision). *Communication Objectives Model (COM): A Taxonomy of Face-to-Face Communication Objectives to Inform Tele-Presence Technology Adoption*.

Luna, S., **Dianiska, R.E.**, Hardin, K., Redlich, A.D., & Quas, J.A. (Manuscript under review). *Examining Investigator Strategies for Questioning Suspected Minor Victims of Sex Trafficking*.

Dianiska, R.E., Luna, S., Hardin, K., Redlich, A.D., & Quas, J.A. (Manuscript under review). *Current law enforcement practices and beliefs on interviewing trafficking victims*.

Dianiska, R.E., Quas, J.A., & Lyon, T.D. (Manuscript under review). *Improving information yield when interviewing adolescents.*

Dianiska, R.E. & Meissner, C.A. (Manuscript in preparation). *Credibility assessment techniques and consistency of lies and truths.*

Dianiska, R.E., Meissner, C.A., & Chan, J.C.K. (Manuscript in preparation). *Negation-induced forgetting: Is there a consequence to saying “no”?*

Dianiska, R.E., Lane, S.M., Vieira, K., & Cash, D.K. (Manuscript in preparation). *Type of lie differentially influences forgetting and false memory.*

Dianiska, R.E., Cowan, S.C., & Meissner, C.A. (Manuscript in revision). *Improving innocent alibi generation with an information-gathering approach.*

Presentations

CONFERENCE ORAL PRESENTATIONS

2022 **Dianiska, R.E.** & Quas, J.A. (March, 2022). *Rapport-building in interviews with suspected human trafficking victims.* Paper presented at the American Psychology-Law Society conference, Denver, CO.

Dianiska, R.E. & Meissner, C.A. (March, 2022). *The effect of credibility assessment techniques on consistency of lies and truths.* Paper presented at the American Psychology-Law Society conference, Denver, CO.

2021 **Dianiska, R.E.** & Quas, J.A. (September, 2021). *Comparing the efficacy of rapport building techniques with adolescents.* Paper presented at the International Investigative Interviewing Group conference (virtual).

Luna, S., **Dianiska, R.E.,** Hardin, K., Quas, J., & Redlich, A.D. (September, 2021). *Assessing investigator practices for questioning suspected minor victims of sex trafficking.* Paper presented at the International Investigative Interviewing Group conference (virtual).

2019 Brimbal, L., Atkinson, D., **Dianiska, R.E.,** Jones, M. S., Kleinman, S. M., Oleszkiewicz, S., Rothweiler, J., & Meissner, C. A. (March, 2019). *The effect of statement type and repetition on deception detection.* Paper presented at the American Psychology-Law Society Conference, Portland, OR.

2018 **Dianiska, R.E.,** Cowan, S.C., & Meissner, C. A. (March, 2018). *Untruthful but innocent: Discrimination of intentionally false from mistaken alibis.* Paper presented at the American Psychology-Law Society Conference, Memphis, TN.

Dianiska, R.E., Cash, D.K., & Lane, S.M. (March, 2018). *Lie type and repetition influence people’s ability to detect deception.* Paper presented at the American Psychology-Law Society Conference, Memphis, TN.

2017 **Dianiska, R.E.,** Swanner, J.K., & Meissner, C. A. (March, 2017). *Overcoming affiliation in HUMINT interviews.* Paper presented at the American Psychology-Law Society Conference, Seattle, WA.

Swanner, J.K., **Dianiska, R.E.,** & Meissner, C. A. (March, 2017). *Rapport-building through coordination and verification in investigative interviews.* Paper presented at the American Psychology-Law Society Conference, Seattle, WA.

Dianiska, R.E. & Meissner, C. A. (January, 2017). *Moderators of the negation effect.* Paper presented at the bi-annual Meeting of the Society for Applied Research in Memory and Cognition, Sydney, Australia.

2016 **Dianiska, R.E.,** Lane, S.M., & Cash, D.K. (March, 2016). *Type of lie differentially influences forgetting and false memory.* Paper presented at the American Psychology-Law Society Conference, Atlanta, GA.

Swanner, J.K., Meissner, C.A., **Dianiska, R.E.,** & Atkinson, D. (March, 2016). *Guilt and openness: Embodiment and contextual priming in investigative interviewing.* Paper presented at the American Psychology-Law Society Conference, Atlanta, GA.

2015 Lane, S.M., **Dianiska, R.,** & Cash, D.K. (June, 2015). *The influence of lying on memory.* Paper presented in an invited symposium at the bi-annual conference of Society for Applied Research in Memory and Cog-

dition, Victoria, BC.

Swanner, J.K., Meissner, C.A., Atkinson, D. J., **Dianiska, R.E.**, & LaBianca, J. (March, 2015). *Priming warmth, openness, & guilt to facilitate disclosure in context reinstatement, positive confrontation, & rapport interviews*. Paper presented at the American Psychology-Law Society Conference, San Diego, CA.

CONFERENCE POSTER PRESENTATIONS

2022 Garcia, N., Davis, S., **Dianiska, R.E.**, & Manley, K.D. (March, 2022). *Through the filtered lens: How do filtered photos impact subsequent facial recognition?*. Poster to be presented at the American Psychology-Law Society conference, Denver, CO.

2021 Garcia, N., Davis, S., **Dianiska, R.E.**, & Manley, K.D. (November, 2021). *Through the filtered lens: How do filtered photos impact subsequent facial recognition?*. Poster presented at the Psychonomics society conference, Online.

Dianiska, R.E. & Quas, J. A. (July, 2021). *Testing the value of enhanced rapport on adolescent disclosures*. Poster presented at bi-annual conference of Society for Applied Research in Memory and Cognition, Online.

Daneshbodi, A. Dawson, H., Chae, H., Evans, J. R., Goldfarb, D., Fisher, R. P., **Dianiska, R.E.**, & Meissner, C. A. (May, 2021). *Improving memory for people and places in contact tracing interviews*. Poster presented at the Association for Psychological Science Conference.

2019 **Dianiska, R.E.** & Meissner, C. A. (November, 2019). *The role of volitional deception on memory for the truth*. Poster presented at the Psychonomics Society conference, Montreal, Quebec, CA.

Dianiska, R.E. & Meissner, C. A. (June, 2019). *The influence of lying on memory and metamemory depends on the type of lie told*. Poster presented at bi-annual conference of Society for Applied Research in Memory and Cognition, Cape Cod, MA.

2018 **Dianiska, R.E.**, Meissner, C. A., & Chan, J.C.K. (November, 2018). *Equating interference on an initial test eliminates the negation effect*. Poster presented at the Psychonomics society conference, New Orleans, LA.

2017 **Dianiska, R.E.** & Meissner, C. A. (November, 2017). *Conceptual priming of openness via lexical and embodiment primes in investigative interviews*. Poster presented at the Psychonomics Society conference, Vancouver, BC.

Dianiska, R.E., Meissner, C. A., & Cowan, S.C. (January, 2017). *Can an information-gathering approach improve innocent alibi generation?*. Poster presented at the bi-annual Meeting of the Society for Applied Research in Memory and Cognition, Sydney, Australia.

2016 **Dianiska, R.E.** & Meissner, C. A. (November, 2016). *A registered replication of the negation effect: Is there a consequence to saying "no"?*. Poster presented at the Psychonomics Society conference, Boston, MA.

Morgan, K., **Dianiska, R.E.** & Meissner, C. A. (May, 2016). *Negation-induced forgetting: Assessing the influence of encoding and retrieval orientations*. Poster presented at the Midwestern Psychological Society conference, Chicago, IL.

2015 **Dianiska, R.E.** & Meissner, C. A. (November, 2015). *Negation-induced forgetting: Assessing the influence of encoding and retrieval orientations*. Poster presented at the Midwestern Psychological Society conference, Chicago, IL.

2014 Mennie, K., Moffett, L., Jones, L., **Dianiska, R.E.**, Montgomery, M., Hilton, C., Martin, S., Elliott, E. & Lane, S. . (March, 2014). *The effect of maintaining eye contact on information elicitation and deception detection*. Poster presented at the annual meeting of the American Psychology-Law Society, New Orleans, LA.

Professional Experience

IOWA STATE UNIVERSITY

- 2019–2020 *Research Assistant*, Virtual Reality Applications Center (VRAC). Ames, IA, USA.
Supervisor: Stephen Gilbert, Ph.D.
- 2014–2020 *Research and Teaching Assistant*, Department of Psychology. Ames, IA, USA.
Supervisor: Christian Meissner, Ph.D.
- 2019 *Instructor*, Brain and Behavior (PSYCH 310).
Teaching Assistant, Learning and Memory (PSYCH 313).
Teaching Assistant, Introduction to Research Methods (COMST 203).
- 2018 *Instructor*, Academic Learning Skills (PSYCH 131).
Teaching Assistant, Cognitive Psychology of Human-Computer Interaction (HCI521/PSYCH 521).
- 2015 *Instructor*, Academic Learning Skills (PSYCH 131).

Service

AD-HOC REVIEWER

- 2017– *Law and Human Behavior*, *PLOS One*, *Canadian Journal of Behavioural Science*.

DEPARTMENT SERVICE

- 2016–2017 Cognitive Area representative, Graduate Students in Psychology, Iowa State University.
- 2015–2016 Graduate Program Committee representative, Graduate Students in Psychology, Iowa State University.

Grants, honors & awards

IOWA STATE UNIVERSITY

- 2020 Lloyd Avant Research Scholar Award, Iowa State University, \$400
- 2020 Outstanding presentation in the Cognitive Area, Iowa State University
- 2019 Stavish Graduate Award, Iowa State University, \$2,720
- 2019 Student Poster Competition Award Winner, 13th Bi-Annual Meeting of the Society for Applied Research in Memory and Cognition, \$300
- 2019 Stavish Award for Best Psychology-Law Paper, Iowa State University, \$500
- 2018 Outstanding presentation in the Cognitive Area, Iowa State University
- 2016 Campbell-Borgen International Travel Fellowship, Iowa State University, \$2,050
- 2014–2016 Presidential Fellowship, Iowa State University, \$44,000
- 2015 Harold V. Gaskill Fellowship, Iowa State University, \$1,700

LOUISIANA STATE UNIVERSITY

- 2013 Tiger Athletic Foundation Scholarship, Louisiana State University, \$750
- 2012 Herbert Huey McElveen Scholarship, Louisiana State University, \$1,000
- 2011–2013 LSU Family Association Scholarship, Louisiana State University, \$1,000/year
- 2010–2014 Golden Oaks University Scholarship, Louisiana State University, \$91,000

Significant collaborators

Laure Brimbal (Texas State Univ.)
Daniella Cash (Sam Houston State Univ.)
Jason C.K. Chan (Iowa State Univ.)
Sara Cowan (Ontario Min. of Finance)
Jacqueline Evans (Florida Int'l. Univ.)
Ron Fisher (Florida Int'l. Univ.)
Stephen Gilbert (Iowa State Univ.)
Deborah Goldfarb (Florida Int'l. Univ.)
Sean Lane (Univ. of Alabama, Huntsville)

Tom Lyon (Univ. of Southern California)
Lindsay Malloy (Ontario Tech Univ.)
Christian Meissner (Iowa State Univ.)
Simon Oleszkiewicz (Univ. of Twente)
Jodi Quas (Univ. of California, Irvine)
Allison Redlich (George Mason Univ.)
Jessica Swanner (Procore)
Joshua Wyman (Ontario Tech Univ.)