# EMILY C. N. LINE

952-258-3178 ⋄ neuline2@illinois.edu

## EDUCATION

**University of Illinois at Urbana-Champaign**  *August 2020 - Present*
Ph.D. in Quantitative Psychology

**Arizona State University**  *August 2018 - August 2020*
M.S. in Psychology

**University of Wisconsin-Stout**  *August 2015 - May 2018*
B.S. in Psychology
Minor in Mathematics
Graduated Magna Cum Laude (GPA 3.94)

## TECHNICAL STRENGTHS

| | |
|---|---|
| **Computer Languages** | R (`tidyverse`, `brms`, `caret`), Java |
| **Software & Tools** | QTEST, LATEX, Excel, HTML, Stata |

## PUBLICATIONS

**Line, E.N.**, McCowan, K., Plantz, J., & Neal, T.M.S. (in press). Expert Witness Testimony. In Regan A. R. Gurung (Ed.), *Routledge Encyclopedia of Psychology in the Real World.*

**Line, E.N.**, Roberts, S., & Horne, Z. (in press). Memory for syntactic differences in mental illness descriptions. *Memory & Cognition.*

## MANUSCRIPTS IN PROGRESS

**Line, E.N.**, & Neal, T.M.S. (in progress). Experts screening experts: Are courts effectively gatekeeping psychological assessment evidence?

**Line, E.N.**, & Neal, T.M.S. (in progress). The shifting gender composition of forensic psychology.

**Line, E.N.**, Denne, E., Stolzenberg, S.N., Malloy, L.C., Verhagen, M., & Horne, Z. (in progress). Magnitude error, sign error, and power in developmental psychology.

## RESEARCH GRANTS & FELLOWSHIPS RECEIVED

· Department of Defense Graduate Research Assistantship, *A Multimodal Approach to Information Dynamics* (PI: Cedric Lambort; Co-PI: Michel Regenwetter), Academic Year 2020-2021

· ASU Graduate College's Earl A. and Lenore H. Tripke Fellowship ($4000), 2020

· Statistics and Methods Fellowship ($72,936), 2019 - 2020

· ASU's Graduate and Professional Student Association Professional Development Grant ($550), October 2019

· ASU's Graduate and Professional Student Association Travel Grant ($950), August 2019

· National Science Foundation Graduate Research Assistantship, *Expert Bias: Perceptions, Misperceptions, and Their Implications* (PI: Tess Neal), NSF #: 1655011 ($11,928), Academic Year 2019-2020

· National Science Foundation Graduate Research Assistantship, *Collaborative Research: Calibration in Court: Jurors Use of Scientific Information* (PI: Tess Neal) NSF #: 1733957 ($1,356), Summer 2019

· ASU MS Psychology Research Funding ($625), December 2018

· ASU Graduate College Fellowship ($10,000), Academic Year 2018-2019

· UW-Stout Student Dissemination Grant Award ($924), April 2018

· Psi Chi MPA Regional Travel Grant ($350), April 2018

· UW-Stout Student Dissemination Grant Award ($262), April 2017

## ACADEMIC HONORS & AWARDS RECEIVED

· Outstanding Graduate Student, *ASU New College of Interdisciplinary Arts and Sciences*, May 2020

· National Science Foundation Graduate Research Assistantship, *Expert Bias: Perceptions, Misperceptions, and Their Implications* (PI: Tess Neal), NSF #: 1655011 ($11,928), Academic Year 2019-2020

· National Science Foundation Graduate Research Assistantship, *Collaborative Research: Calibration in Court: Jurors Use of Scientific Information* (PI: Tess Neal) NSF #: 1733957 ($1,356), Summer 2019

· Access Path to Psychology and Law Award Program ($3,000), American Psychology and Law Society, February 2019

· Steiner/Milnes Scholarship Recipient ($3,250), Academic Year 2017-2018

· Outstanding Student of the Year Award, Academic Year 2016-2017

## RESEARCH GRANTS & FELLOWSHIPS APPLIED, NOT RECEIVED

· NSF Graduate Research Fellowship Program, Fall 2018

· Psi Chi Graduate Research Award, Spring 2019

· American Psychological Association Student Travel Award, April 2019

## NATIONAL PRESENTATIONS

**Line, E.**, Jaramillo, S., Neal, T.M.S., & Horne, Z. (2020, July). Using Bayesian models to assess juror decision-making in ecologically valid contexts. Poster presented at the 2020 Cognitive Science Annual Convention, online due to Covid-19.

**Line, E.**, & Neal, T.M.S. (2020, March). Attorney Reactions to Psychological Assessment Evidence in Court: Descriptives and Experimental Data. In T.M.S. Neal (Chair), *Legal Scrutiny of Psychological Assessment Evidence* [Symposium]. Paper presented at the 2020 American Psychology and Law Society Conference, New Orleans, LA.

**Line, E.**, Jaramillo, S., Neal, T.M.S., & Horne, Z. (2020, March). Using Bayesian Models to Assess Juror Decision-Making in Ecologically Valid Contexts. In K. M. Byrd (Chair), *From the Lab to the Courtroom: Forensic Science Expert Analyses and Lay Perceptions*

*of Evidence* [Symposium]. Paper presented at the 2020 American Psychology and Law Society Conference, New Orleans, LA.

Denne, E., **Line, E.N.**, Plantz, J., Mathers, E., Selman, S., & Neal, T.M.S. (2020, March). What We Can Learn from Jury Note Taking: A Content Analysis. In T.M.S. Neal (Chair), *Calibration in Court: Jurors Use of Scientific Information* [Symposium]. Paper presented at the 2020 American Psychology and Law Society Conference, New Orleans, LA.

McCowan, K., Denne, E., Velazquez, A., Milligan, R., **Line, E.N.**, Neal, T.M.S., Gervais, S.J., Bornstein, B.H., & Dellapaolera, K.S. (2020, March). Calibration in Court: Predictors of Jurors Understanding of Evidence Strength. In T.M.S. Neal (Chair), *Calibration in Court: Jurors Use of Scientific Information* [Symposium]. Paper presented at the 2020 American Psychology and Law Society Conference, New Orleans, LA.

**Line, E.**, Neu, A., & Neal, T.M.S. (2019, August) *Enriching Psychology and Law Scholarship with Computer Science.* Paper presented at the 2019 American Psychological Association Annual Convention, Chicago, IL.

**Line, E.**, McCowan, K., Denne, E., & Neal, T.M.S. (2019, August) *Quality of Science: Are Jurors Equipped to Discriminate Good and Bad Evidence?* Paper presented at the 2019 American Psychological Association Annual Convention, Chicago, IL.

**Line, E.**, & Neal, T.M.S. (2019, July) *The Truth Behind the Tool: Psychological Assessment Evidence in Court.* Live (now on demand) webcast presented through the National Institute for Trial Advocacy, Boulder, CO.

**Line, E.**, Grassman, S., Sabinash, A., Budd, D., & Donnelly, M. (2018, October) *High School Collision Sport Participation and Attention: An ERP Study.* Poster presented at the 58th annual meeting of Society for Psychophysiological Research, Quebec City, Quebec, Canada.

**Line, E.**, Grassman, S., Sabinash, A., & Budd, D. (2018, April) *High School Sport Participation and Attention: An ERP Study.* Poster presented at the 90th annual meeting of the Midwestern Psychological Association, Chicago, IL.

## REGIONAL PRESENTATIONS

Plantz, J., Mathers, E., Milligan, R., Velazquez, A., Fatula, E., Rincon, S., McCowan, K., **Line, E.**, Denne, E., & Neal, T.M.S. (2019, April) *How Jurors Deliberate Scientific Evidence: Undergraduates Assisting an NSF Project (2018-2019).* Poster presented at Arizona State Universitys 2019 New College Inquiry & Research Experiences Program symposium, Phoenix, AZ.

**Line, E.**, & Neal, T.M.S. (2018, November) *Judges and Attorneys Reactions to Varying Qualities of Psychological Assessment Tools in Court.* Poster presented at Arizona State Universitys Institute for Social Science Research biannual poster contest, Tempe, AZ.

**Line, E.**, & Gorbatenko-Roth, K. (2018, April) *College Students Understanding and Appreciation of Legal Rights in the United States.* Poster presented at University of Wisconsin-Stouts Annual Student Research Day and STEMM Expo, Menomonie, WI.

**Line, E.**, Grassman, S., & Budd, D. (2017, April) *The Effect of Participation in High School Collision Sports on Attention and Cognitive Functioning.* Poster presented at the 84th Winchell Undergraduate Research Symposium, St. Paul, MN.

## RESEARCH EXPERIENCE

**Graduate Researcher**, August 2020 - Current
*Decision-Making Laboratory*
Supervisor: Dr. Michel Regenwetter

- · Help design experimental stimuli in preparation for data collection for lab grants
- · Participate in peer-review for manuscripts prepared for publication in the lab
- · Utilize lab software (QTest) for various research designs and existing data, construct areas of improvement for QTest in preparation for upcoming software update

**Lab Manager**, August 2018-August 2020
**Graduate Researcher**, August 2018 - August 2020
*Clinical and Legal Judgment Lab - Arizona State University*
Supervisor: Dr. Tess Neal

- · Assist with data collection, analysis, visualization, and dissemination. Present and practice talks in lab. Oversee undergraduate research assistant involvement in lab projects.
- · Develop a graduate-undergraduate student mentor relationship program to connect undergraduate students to graduate students in lab and get them more involved
- · Assist with a paper commissioned by *Psychological Science in the Public Interest* by coding hundreds of psychological assessment tools across scientific and legal standards for admissibility into court (Neal, T.M.S., Slobogin, C., Saks, M.J., Faigman, D., & Geisinger, K. [in press]. "Psychological Assessments in Legal Contexts: Are Courts Keeping 'Junk Science' Out of the Courtroom?").

**Graduate Researcher**, January 2019 - August 2020
*Cognition, Computation, and Development Lab - Arizona State University*
Supervisor: Dr. Zachary Horne

- · Attend generalized linear multilevel modeling meetings with prepared materials
- · Design methods, construct surveys, and simulate and analyze data for assigned projects
- · Participate in peer-review for design, surveys, and papers within the lab

**Lead Student Researcher**, September 2016 - May 2018 *Electroencephalography (EEG) Lab*
Supervisor: Dr. Desiree Budd

- · Designed procedures, organized data, and operated EEG equipment and monitored participant behavior and feedback
- · Filtered and analyzed EEG and behavioral data to write up for grants and conferences

## TEACHING EXPERIENCE

**Lab Manager and Quantitative Lead**, September 2019 - August 2020
**Lab Consultant**, August 2018 - August 2019
*Statistics and Methods Tutoring Lab  Arizona State University*

- Oversee function of the lab and serve as first contact for all social sciences faculty teaching a quantitative course
- Lead workshops for professional development, designing research posters, and use of statistical software
- Consult graduate and undergraduate students on statistical software use, data analysis, and research methods

**Teaching Assistant**, January 2020 - May 2020
*Quantitative Analysis II - Arizona State University*
Instructor: Dr. Deborah Hall

- Graded homework assignments and exams, answered students questions
- Assisted student with software and analysis during the lab portions of the class

**Teaching Assistant**, January 2019 - May 2019
*Forensic Psychology - Arizona State University*
Instructor: Dr. Tess Neal

- Graded all homework assignments and exams, met with students during my office hours
- Guest lectured on civil commitment
- Organized and ran an enrichment opportunity book group for honors students in the class

## PROFESSIONAL EXPERIENCE

**Crisis Advocate**, May 2017 - May 2018
*Bridge to Hope - Domestic Violence and Sexual Assault Shelter*

- Weekend case management of all shelter clients; Operation of crisis phone line; Communicated efficiently with police when they responded to a severe domestic violence call; Assured safety and confidentiality of all clients; Sole responder to crisis situations on site during weekends and nights

**Behavioral Treatment Technician**, April 2016 - May 2017
*Wisconsin Early Autism Project*

- Effectively implemented Applied Behavior Analysis and/or Early Start Denver Model programs with clients who were on the autism spectrum; Recorded data and wrote behavior notes for insurance while following medical document regulations; Communicated with each clients team to ensure the best treatment for each individuals needs

## VOLUNTEER EXPERIENCE

**Reviewer Experience**

- American Psychology-Law Society conference submission student reviewer (2019, 2020)
- *Psychology, Public Policy, and Law* student co-reviewer, APA Journal (Fall 2018)
- Graduate & Professional Student Association research grant reviewer (Spring 2019-Spring 2020)
- Graduate & Professional Student Association travel grant reviewer (Spring 2019-Spring 2020)

**Service to Profession**

- · American Psychology-Law Society conference registration desk volunteer (2019)
- · ASU Solera Experience presenter (Summer 2019)  presented orientation sessions on ASUs Forensic Psychology undergraduate program to incoming freshmen