

## **Natalie A. Obrecht Lindemann**

William Paterson University  
College of Humanities and Social Sciences  
Department of Psychology  
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### **EDUCATION**

- 2010                      Ph.D., Cognitive Psychology with a Certificate in Cognitive Science, Rutgers University, New Brunswick, NJ  
Dissertation: “Sample size weighting in probabilistic inference”  
Committee: Gretchen B. Chapman & Rochel Gelman (co-chairs), Manish Singh, Lance Rips (Northwestern University)
- 2007                      M.S., Psychology, Rutgers University, New Brunswick, NJ
- 2005                      B.A., Psychology with a two-science minor in Biology and Chemistry, *magna cum laude*, departmental honors in Psychology, Oakland University, Rochester, MI

### **PROFESSIONAL EXPERIENCE**

- 2016 – Present              Affiliated Faculty Member, Doctoral Program in Clinical Psychology, William Paterson University
- 2015 – Present              Associate Professor, Department of Psychology, William Paterson University (promoted/tenured September 1, 2015)
- 2010 – 2015                Assistant Professor, Department of Psychology, William Paterson University (appointed September 1, 2010)

### **RESEARCH INTERESTS**

Judgment and reasoning, numeracy, statistical cognition, and belief coherence between moral and religious views

### **MEDIA**

Broadcast on NPR’s Marketplace Morning Report: Are you listening when we do the numbers? <http://www.marketplace.org/2016/08/02/world/numbers-brain>

## **AWARDS, FELLOWSHIPS, & GRANTS**

- 2018 Implementation Partner on grant: Dierker, L. & Rose, J. *Data-Driven: A flexible, accessible, multidisciplinary superhighway breaking disparities and opening the data analytics economy to everyone*. National Science Foundation, Engaged Student Learning-Development and Implementation. Funded.
- 2017, 2018 Chesney, D. L. & Obrecht, N. A. *Collaborative Research RUI: Experimental investigation of the links between numeracy subcomponents and judgment and decision making*. National Science Foundation: Decision, Risk and Management Sciences. Unfunded.
- 2016 Student Success Mini-Grant (\$2400), William Paterson University
- 2015 Student Success Mini-Grant (\$2200), William Paterson University
- 2014 Fellow of the Psychonomic Society
- 2012 NSF funded Summer Workshop on Project-Based Statistics, Quantitative Analysis Center, Wesleyan University
- 2011 – 2014 Summer Research Stipend, Research Center for the Humanities and Social Sciences, William Paterson University
- 2010 Dean's Award for Excellence in Graduate Research, The Graduate School – New Brunswick, Rutgers University
- 2008 Summer Institute on Bounded Rationality in Psychology and Economics, Max Planck Institute for Human Development
- 2007 – 2010 National Science Foundation Graduate Fellowship (\$126,000)
- 2005, 2006 Graduate School Excellence Fellowship, The Graduate School – New Brunswick, Rutgers University
- 2005 Student Travel Grant Award, University Research Committee, Oakland University

## **PEER-REVIEWED JOURNAL ARTICLES**

**Obrecht, N. A.** (in press). Sample size weighting follows a curvilinear function. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.  
<http://dx.doi.org/10.1037/xlm0000615>

**Obrecht, N. A.**<sup>1</sup> & Chesney, D. L. (2016). Prompting deliberation increases base-rate use. *Judgment & Decision Making*, *11*, 1-6.

- Obrecht, N. A.**<sup>1</sup> & Chesney, D. L. (2013). Sample representativeness affects whether judgments are influenced by base rate or sample size. *Acta Psychologica*, *142*, 370-382. doi: 10.1016/j.actpsy.2013.01.012.
- Obrecht, N. A.**<sup>1</sup>, Anderson, B., Schulkin, J., & Chapman, G. B. (2012). Retrospective frequency formats promote consistent experience-based Bayesian judgments. *Applied Cognitive Psychology*, *26*, 436-440. doi: 10.1002/acp.2816.
- Chesney, D. L. & **Obrecht, N. A.**<sup>1</sup> (2012). Statistical judgments are influenced by the implied likelihood that samples represent the same population. *Memory & Cognition*, *40*, 420-433. doi: 10.3758/s13421-011-0155-3.
- Anderson, B.L., **Obrecht, N.A.**, Chapman, G. B., Driscoll, D., & Schulkin J. (2011). Physicians' communication of Down syndrome screening test results: The influence of physician numeracy. *Genetics in Medicine*, *13*, 744-749. doi: 10.1097/GIM.0b013e31821a370f.
- Obrecht, N. A.**, Chapman, G. B., & Suárez, M. T. (2010). Laypeople do use sample variance: The effect of embedding data in a variance-implying story. *Thinking & Reasoning*, *16*, 26-44. doi: 10.1080/13546780903416775.
- Obrecht, N. A.**, Chapman, G. B., & Gelman, R. (2009). An encounter frequency account of how experience affects likelihood estimation. *Memory & Cognition*, *37*, 632-643. doi: 10.3758/MC.37.5.632.
- Obrecht, N. A.**, Chapman, G. B., & Gelman, R. (2007). Intuitive *t*-tests: Lay use of statistical information. *Psychonomic Bulletin & Review*, *14*, 1147-1152. doi: 10.3758/BF03193104.

#### **PEER-REVIEWED PROCEEDINGS**

- Obrecht, N.A.** & Chesney, D. L. (2018). Tasks that prime deliberative processes boost base rate use. In T. T. Rogers, M. Rau, X. Zhu, & C. W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society (2180-2185)*. Austin, TX: Cognitive Science Society.
- Obrecht, N. A.**<sup>1</sup> & Chesney, D. L. (2015). Support for a deliberative failure account of base rate neglect: Prompting deliberation increases base-rate use. In Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society (1757-1762)*. Pasadena, CA: Cognitive Science Society.

- Chesney, D. L. & **Obrecht, N. A.** (2011). Adults are sensitive to variance when making likelihood judgments. In L. Carlson, C. Hölscher, & T. Shipley (Eds.),

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<sup>1</sup>Manuscript supported by a Summer Research Stipend awarded to N. Obrecht by the Research Center for the Humanities and Social Sciences at William Paterson University

*Proceedings of the 33rd Annual Conference of the Cognitive Science Society*  
(3134-3139). Austin, TX: Cognitive Science Society.

## **TEACHING EXPERIENCE**

William Paterson University

Evidence-based living (2018)

*Mean weighted evaluation across 1 section: 5.6/6.0*

Experimental I: Applied Statistics (2010–2019)

*Mean weighted evaluation across 13 sections: 5.71/6.0*

Experimental II: Research Methods (2011–2017)

*Mean weighted evaluation across 8 sections: 5.66/6.0*

Selected Topics in Cognitive Science (2014)

*Mean evaluation from 1 section: 5.5/6.0*

Cognitive Science Honors Thesis I (2014, 2015)

*Mean weighted evaluation across 2 sections: 5.96/6.0*

Cognitive Science Honors Thesis II (2015, 2016)

*Mean weighted evaluation across 2 sections: 6.0/6.0*

Independent Study in Psychology (2011, 2013, 2014, 2015, 2016)

Independent Study in Cognitive Science (2017, 2018)

Research Lab (2016, 2017, 2018, 2019)

Advanced Research Methods and Statistics (Graduate; 2017, 2018, 2019)

*Mean evaluation from 2 sections: 5.86/6.0*

Rutgers University (Instructor)

Quantitative Methods (2007, 2009)

General Psychology (2008)

Oakland University (Teacher's Assistant and Tutor)

Statistics (2003–2005)

Research Methods (2005)

## **PROFESSIONAL DEVELOPMENT**

- |      |   |
|------|---|
| 2019 | Faith, Science, and Nature Conference, Princeton Theological Seminary, Princeton University |
| 2019 | Passion-driven Statistics Workshop, Quantitative Analysis Center, Wesleyan University       |
| 2018 | HSS Advisor Workshop, William Paterson University   |
| 2018 | 8th Annual Thomas Aquinas Philosophy Workshop, Mount Saint Mary College                     |
| 2018 | Blackboard Intermediate Workshop, William Paterson University                               |

- 2017 Workshop on Digital Measures/Activity Insight Implementation, William Paterson University
- 2017 HSS Minors Roundtable, William Paterson University
- 2015 BayesFactor and JASP: A Fresh Way to do Statistics, APS Conference Workshop
- 2015 Introduction to Structural Equation Modeling, APS Conference Workshop
- 2014 Safe Space Training, William Paterson University
- 2012 Teaching a Writing Intensive Course Workshop, William Paterson University
- 2012 Diversity and Justice Workshop, Race & Gender Project, William Paterson University
- 2012 Summer Workshop on Project-Based Statistics, Quantitative Analysis Center, Wesleyan University
- 2012 Using Student Groups Effectively Workshop, William Paterson University
- 2010 Blackboard Institute, William Paterson University
- 2010 Writing Across the Curriculum Workshop, William Paterson University
- 2009 Preparing for the Professoriate Certificate, Rutgers University
- 2009 Professional Responsibility Certificate, Rutgers University
- 2007 Introduction to College Teaching, Rutgers University
- 2005 Teaching Effectiveness, Rutgers University

**SERVICE**

**University Level**, William Paterson University

- 2017 Technology Intensive UCC Program Evaluation Focus Group, March 24
- 2017 Office of Sponsored Programs Research and Scholarship Council Forum, Jan 27

2015 – 2017 Co-Chair (Spring 2016-Spring 2017) and Member (Fall 2015) of the Faculty Senate Elections Council Committee

2014 – 2015 Career Development Committee Member

2013 – 2014 Ad Hoc Administrator Evaluation Committee Member

2011, 2012 Faculty Marshal, May Commencement

2010 Faculty Marshal, Freshman Convocation

**College Level**, College of Humanities and Social Science, William Paterson University  
 2014 – 2015 Member of Multidisciplinary Conference Committee  
*“Us and Them” : The Paradox of Difference and Inequality in a Global Age*

2011 – 2013 Member of College Curriculum Committee  
*Reviewed 68 HSS courses and 3 programs, 2011-2012*  
*Reviewed 47 HSS courses and 8 programs, 2012-2013*

**Department Level**, Psychology Department, William Paterson University

2018 – Present Assessment Committee member

2011 – 2015

2018 – 2019 Search Committee chair, 1-year fulltime faculty hire

2018 – 2019 Promotion Committee member

2019 – 2020 Dissertation committee member, Eleonora Gallagher: *TBD*

2019 – 2020 Dissertation committee member, Marwa Ahmed: *TBD*

2018 – 2019 Dissertation committee member, Ari Lakritz: *Social Media and its Discontents: Social Media Use, Loneliness, and Perceived Social Support*

2018 – 2019 Dissertation committee member, Ashley S. Bujalski: *A Novel Measure of Sensation Seeking, Impulsivity, and Criminal Behavior*

2017 Designed a new UCC Area 1 wellbeing course on applied critical thinking: Psy 1200 *Evidence-based living*.

2017 – 2018 Subject Pool Committee member

|   |   |
|---|---|
| 2016 – 2017                                 | Search Committee member (2 open area tenure-track positions)  |
| 2015 – 2017                                 | Retention and Tenure Committee member   |
| 2017 – Present<br>2015 – 2016               | Development Committee member, chair (2018-2019)   |
| 2014 – 2015                                 | Search Committee member (tenure-track clinical position)  |
| 2014 – Present                              | Retention Research Committee member   |
| 2013, 2018                                  | Open House, Psychology Department Representative  |
| 2011 – 2015                                 | Curriculum Committee, chair (2011-2013) and member (2013-2015)  |
| 2011 – Present                              | Departmental website administrator  |
| 2011, 2016                                  | Psychology Department Program Review Contributor (2005-2011 & 2011-2016)  |
| 2011 – Present                              | Reviser/developer of course curriculum (2011, 2013, 2015, 2016)   |
| 2011 – Present                              | Evaluator of adjunct faculty teaching   |
| 2010 – Present                              | Psychology major advisor<br><i>Open Advisement Week</i> (every semester since 2010)<br><i>Transfer Student Day Advisement</i> (every summer 2010-2015, 2018)<br><i>HSS Open Advisement Day</i> (2010, 2011, 2012, 2014, 2015, 2016)<br><i>Accepted Students Brunch</i> (2018) |
| Rutgers: The State University of New Jersey |   |
| 2006 – 2007                                 | Graduate Student Representative, Cognitive Area   |

### **PROFESSIONAL SERVICE**

Ad hoc grant reviewer

*National Science Foundation*

Ad hoc book reviewer

*Oxford University Press*

Ad hoc journal reviewer

*Catholic Social Science Review*

*Cognition*

*Cognitive Science*  
*Journal of Behavioral Decision Making*  
*Journal of Experimental Psychology: General*  
*Journal of Experimental Psychology: Learning, Memory, & Cognition*  
*Journal of Health Communication*  
*Memory & Cognition*  
*Organizational Behavior and Human Decision Processes*  
*PLOS ONE*  
*Proceedings of the Cognitive Science Society*  
*Psychological Science*  
*Quarterly Journal of Experimental Psychology*  
*Thinking & Reasoning*

Judge of graduate student poster presentations for the 2012, 2013, 2016, 2017 meetings of the *Society for Judgment and Decision Making*

#### **COMMUNITY SERVICE**

2018 – Present      9<sup>th</sup> Grade Catechism Teacher, St. Anthony of Padua Parish  
2018                    Communications Committee, St. Anthony of Padua Parish

#### **PROFESSIONAL AFFILIATIONS**

2019 – Present      Society of Catholic Social Scientists  
2014 – Present      Psychonomic Society, Fellow  
2008 – Present      Cognitive Science Society  
2005 – Present      Society for Judgment and Decision Making  
2004 – 2017        Association for Psychological Science

#### **OTHER AFFILIATIONS**

2016 – Present      Heterodox Academy

#### **RESEARCH MENTORSHIP**

Yomary Collazo (2019-present): *Meta-ethical beliefs*.

Urvi Patel (2018-present): *Influential factors in choices of college major*. Presented posters at EPA 2019 and WPUNJ 2019. Soon to be **Master's student in Forensic Psychology at The Chicago School of Professional Psychology, Los Angeles**.

Maitry Mahida (2016-present): *Examining factors that mediate the relationship between information exposure and risk perception*. Presented posters at APS 2017, SJDM 2017, and APS 2018; Cognitive Science Honors; **Outstanding Academic Achievement and Research Award 2018**, Department of Psychology.



Marwa Shoaib (2016-2017): *Does deliberative thinking predict religiosity, happiness, and reasoning ability?* Presented a poster at APS 2017; **Master's student in Public Health program at Rutgers, New Brunswick.**

Nicole Manzetti (2014-2016): completed a Psi Chi research project: *An Impassioned State of Hunger and the Zero-Price Effect*, presented a poster: *Dispositional Empathy, Altruism, and Social Networking Site Usage*; completed Cognitive Science Honors Thesis: *Dispositional empathy, altruistic helping behaviors, and social networking site usage*; **Master's student in Professional Communications, Digital Media & Professional Writing Program at William Paterson**

Michael Grella (2015-2016): Completed a Cognitive Science honors thesis: *False memory susceptibility: Exposure duration effects on accurate recall*; research assistant; presented a poster

Samantha Morris (2015-2016): Completed a Cognitive Science honors thesis: *Positivity and pain: Positive affect journaling and pain perception*; **physical therapy doctoral student at Rutgers, New Brunswick**

Sydney Grosser (2015-2016): Cognitive Science honors thesis: *Beauty and the Beast: The media's influence on the concept of beauty.*

Reanna Bowles (2015-2016): Cognitive Science honors thesis (second advisor; primary advisor was Dr. Amy Learmonth): *Anxiety in elementary school children.*

Cherilyn Conner (2015-2016): Cognitive Science honors thesis (second advisor; primary advisor was Dr. Amy Learmonth): *The use of electronics to teach students with Autism about emotions.*

Brielle Chamberlin (2015-2016): Cognitive Science honors thesis (second advisor; primary advisor was Dr. Amy Learmonth): *Can God relieve my anxiety?*

Marina Bishara (2015-2016): Cognitive Science honors thesis (second advisor; primary advisor was Dr. Amy Learmonth): *Political ideology of Sandra Day O'Connor.*

Diana Perez (2015): Independent research project: *Individual Differences in Reliance on Intuition*

Eman Al-Jayeh (2014–2015): completed a Cognitive Science honors thesis: *Comparing executive function in sequential and simultaneous bilinguals*; presented poster at APS; **Master's in Communication Disorders, William Paterson University.**

Samantha DiMeglio (2014–2015): completed a Cognitive Science honors thesis: *Does personality affect procrastination?*; presented a poster at APS; completed a Psi Chi research project: *An Impassioned State of Hunger and the Zero-Price Effect*, presented

multiple posters; **Outstanding Academic Achievement and Research Award 2015; currently a Psy.D. graduate student at Nova Southeastern University.**

Published thesis:

**DiMeglio, S. (2016). Type A personality and procrastination, *The Undergraduate Journal of Psychology*, 29, 52-62.**

Michelle Ginart (2014–2015): completed a Cognitive Science honors thesis: *Expectations, goal orientation, and other factors affecting student success in mathematics*; presented a poster at APS

Nichole Vanderhoof (2014–2015): Independent research project: *The relationship between aggression in the media and in real life*; presented a poster at APS

Lisa D'Argenio (2014–2015): Independent research project: *Do gender and body language affect perceived competence?*; presented a poster at APS

Keith Cruz (2014–2015): Independent research project: *Do gender and body language affect perceived competence?*; presented a poster at APS; **Master's student in Clinical Mental Health and School Counseling**

Stacey Delos Santos (2014): Cognitive Science honors thesis (joint with Dr. Amy Learmonth): *Musical experience and mathematical ability*, presented a poster at EPA, research assistant; Cognitive Science honors.

Veronica Giandomenico (2014): WAC writing contest honorable mention for Research Methods research project: *The influence of color on perceptions of masculinity and femininity in gender neutral toys.*

Brandon Sinisi (2013): Independent research project: *Relationships among Social Anxiety, Self-Consciousness, & Empathy*, presented a poster; **School Psy.D. doctoral student at SUNY Albany Fall**

Mara Sloan (2013): research assistant

Billy Mercedes (2012–2013): Independent research project (joint with Dr. Tom Heinzen): *Openness to cultural diversity, racial anxiety, and racism*, presented a poster; currently a counselor

Christopher Doran (2012–2013): research assistant, presented a poster

Ezana Taddese (2012–2013): completed a Cognitive Science honors thesis: *Priming Color Descriptions in a Conversational Setting*, research assistant, presented a poster; Cognitive Science honors, WAC writing contest honorable mention for Research Methods research project: *How Does the Recognition Heuristic Contend with Additional Knowledge?*, NSF undergraduate fellowship awardee, **Cognitive Psychology Ph.D. student at Washington State University**

## **Rutgers University**

Research mentor to five undergraduate research assistants in the Medical Decision Making Lab (2005-2010)

## **GUEST LECTURES**

Obrecht, N. A. (2019). *Statistical Intuitions & Reasoning Biases: Highlights of High Level Cognition*. Cognitive Psychology Guest Lecture, William Paterson University, March 18, 2019.

Obrecht, N. A. (2018). *Research experience in psychology*. HSS College Day, William Paterson University, October 4, 2018.

Obrecht, N. A. (2017). *Intuitive statistical cognition*. Cognitive Science Seminar, William Paterson University, September 15, 2017.

Obrecht, N. A. (2016). *A brief introduction to Bayesian model testing*. Statistics Across the Disciplines, William Paterson University, October 20<sup>th</sup>, 2016.

Obrecht, N. A. (2012). *PhD programs in experimental psychology*. Graduate School Workshop, William Paterson University, April 30, 2013.

Obrecht, N. A. (2012). *Inferences using base rate and sample size*. Cognitive Science Seminar, William Paterson University, October 19, 2012.

Obrecht, N. A. (2012). *Graduate school in experimental psychology*. Graduate School Workshop, William Paterson University, February 16, 2012.

Obrecht, N. A. (2011). *Statistical cognition*. Cognitive Science Seminar, William Paterson University, September 16, 2011.

## **CONFERENCE PAPERS/INVITED TALKS** (\*signifies a William Paterson undergraduate mentee)

Obrecht, N. A. (2016). *Use of statistical data when making inferences*. Invited talk, Rutgers Center for Cognitive Science (RuCCS) colloquium series at Rutgers: New Brunswick, December 6<sup>th</sup>, 2016.

Obrecht, N. A. & Chesney, D. L. (2015). *Support for a deliberative failure account of base-rate neglect: Prompting deliberation increases base-rate use*. Paper presented at the 37<sup>th</sup> annual meeting of the Cognitive Science Society, Pasadena, CA.

\*Al-Jayeh, E. & Obrecht, N. A. (2015). *Comparing executive function in sequential and simultaneous bilinguals*. Paper presented at the 2015 WPUNJ University Research and Scholarship Day, Wayne, NJ.

Obrecht, N. A. & Chesney, D. L. (2015). *Argument evaluation and inference*. William Paterson University, Feb 25, 2015.

Obrecht, N. A. (2014). *A project based approach to research methods and statistics*. Paper presented at the 28th Annual Conference on the Teaching of Psychology, Tarrytown, NY.

Obrecht, N. A. & Chesney, D. L. (2013). *Sample representativeness affects whether judgments are influenced by base rate or sample size*. Paper presented at the 2013 WPUNJ University Research and Scholarship Day, Wayne, NJ.

Obrecht, N. A. & Chesney, D. L. (2012). *Base rate information influences how adults combine sample data when making probability judgments*. Paper presented at the 2012 meeting of the Society for Judgment and Decision Making, Minneapolis, MN.

Obrecht, N. A. (2012). *Analysis of influences on laypeople's statistical judgments*. William Paterson University, March 30, 2012.

Obrecht, N. A. (2010). *Statistical intuitions*. Invited talk, University of Wisconsin-Madison, April 26, 2010.

Obrecht, N. A. (2010). *Statistical intuitions*. Invited talk, Princeton University, April 5, 2010.

Obrecht, N. A. (2010). *Statistical intuitions*. Invited talk, William Paterson University, March 25, 2010.

Obrecht, N. A., Chapman, G. B. & Gelman, R. (2006). *Statistical reasoning is influenced by serial presentation of information*. Paper presented at the 2006 meeting of the Society for Judgment and Decision Making, Houston, TX.

Obrecht, N. A. (2005). *Statistical reasoning*. Paper presented at the 2005 meeting of the Science of Learning Conference, Rutgers University, New Brunswick, NJ.

**CONFERENCE POSTERS** (\*William Paterson undergraduate)

\*Collazo, Y., Obrecht, N. A., \*Mahida, M., & \*Patel, U. (under review). *Meta-ethical viewpoints: To what extent do people think ethical rules are objective?* Poster submitted to the 2019 Research and Scholarship Day, William Paterson University, Wayne, NJ.

\*Patel, U., Obrecht, N. A., & \*Mahida, M. (under review). *Influential factors in choice of college major*. Poster submitted to the 2019 Research and Scholarship Day, William Paterson University, Wayne, NJ.

\*Patel, U., & Obrecht, N. A. (accepted). *The role of religion in career expectations*. Poster submitted to the 2019 meeting of the Association of Psychological Science, Washington, DC.

\*Patel, U., Obrecht, N. A., & \*Mahida, M. (2019). *Influential factors in choice of college major*. Poster presented at the 2019 meeting of the Eastern Psychological Society, New York, NY.

Obrecht, N. A. & Chesney, D. L. (2018). *Tasks that prime deliberative processes boost base rate use*. Poster presented at the 2018 meeting of the Cognitive Science Society, Madison, WI.

\*Mahida, M. & Obrecht, N. A. (2018). *Credibility and salience predict increased risk perception, but do not lead to an inverted U-shape function*. Poster presented at the 2018 meeting of the Association for Psychological Science, San Francisco, CA.

Chesney, D. L., Brunswick, C., Obrecht, N. A., Randel, J., Nguyen, L. L., Hasan, H. (2018). *Base-rate use in conditional probability estimates*. Poster presented at the 2018 meeting of the Association for Psychological Science, San Francisco, CA.

\*Mahida, M. & Obrecht, N. A. (2018). *Credibility and salience predict increased risk perception, but do not lead to an inverted U-shape function*. Poster presented at Research and Scholarship Day, William Paterson University, Wayne, NJ.

Brunswick, C., Chesney, D. L., Obrecht, N. A., Randel, J., Nguyen, L. L., Hasan, H. (2018). *Base-rate use in conditional probability estimates*. Poster presented at the 2018 Queens Student and Faculty Research Event, St. John's University, New York, NY.

\*Mahida, M. & Obrecht, N. A. (2017). *Frequency of repetition affects risk salience but not risk perception*. Poster presented at the 2017 meeting of the Society for Judgment and Decision Making, Vancouver, BC, Canada.

Chesney, D. L., Salim, R., Obrecht, N. A., Brunswick, C., & Guo, L. (2017). *Epidemiological information influences diagnostic judgments*. Poster presented at the 2017 meeting of the Society for Judgment and Decision Making, Vancouver, BC, Canada.

Obrecht, N. A., Chesney, D. L., Brunswick, C., Salim, R., Guo, L., \*Mahida, M., & \*Shoaib, M. (2017). *Objective Numeracy Scale, but not Subjective Numeracy*

- Scale, primes numerical judgments.* Poster presented at the 2017 meeting of the Society for Judgment and Decision Making, Vancouver, BC, Canada.
- Chesney, D. L., Obrecht, N. A., Brunswick, C., Salim, R., Guo, L., \*Mahida, M., & \*Shoaib, M. (2017). *Order Effects on Numeracy Evaluation.* Poster presented at the 2017 meeting of the Psychonomics Society, Vancouver, BC, Canada.
- Chesney, D. L., Obrecht, N. A., Brunswick, C., Salim, R., Guo, L., \*Mahida, M., & \*Shoaib, M. (2017). *Math Priming Increases Base Rate Use.* Poster presented at the 2017 meeting of the Association for Psychological Science, Boston, MA.
- \*Mahida, M., \*Shoaib, M., & Obrecht, N. A. (2017). *Credibility predicts increased risk perception, but not repetition frequency does not.* Poster presented at the 2017 meeting of the Association for Psychological Science, Boston, MA.
- Salim, R., Chesney, D. L., Obrecht, N. A., Brunswick, C. & Guo, L. (2017). *Base Rates in Clinical Decision Making: How Confident Are You in Your Diagnosis?* Poster presented at the 2017 meeting of the Association for Psychological Science, Boston, MA.
- \*Shoaib, M., \*Mahida, M., & Obrecht, N. A. (2017). *Analytical Thinking Style, Life Satisfaction, and Beliefs.* Poster presented at the 2017 meeting of the Association for Psychological Science, Boston, MA.
- \*Mahida, M., \*Shoaib, M., & Obrecht, N. A (2017). *Risk salience moderates the relationship between over repetition of risky information and decreased risk perception.* Poster presented at the 2017 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*Shoaib, M., \*Mahida, M., & Obrecht, N. A (2017). *Analytical Thinking Style, Life Satisfaction, and Beliefs.* Poster presented at the 2017 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- Brunswick, C., Guo, L., Chesney, D. L., Obrecht, N. A., Salim, R., \*Mahida, M., and \*Shoaib, M. (2017). *Math Priming Increases Base Rate Use.* Poster presented at Research Day Symposium 2017 at St. John's University, New York, NY.
- Salim, R., Chesney, D. L., Obrecht, N. A., Brunswick, C., Guo, L. (2017). *Base Rates in Clinical Decision Making: How Confident Are You in Your Diagnosis?* Poster presented at Research Day Symposium 2017 at St. John's University, New York, NY.
- Obrecht, N. A., Chesney, D. L. & Salim, R. (2016). *Argument evaluation increases normative base-rate judgements.* Poster presented at the 2016 meeting of the Society for Judgment and Decision Making, Boston, MA.

- Chesney, D. L., Obrecht, N. A., & Salim, R. (2016). *Evaluation prompts deliberative thinking*. Poster presented at the 2016 meeting of the Psychonomics Society, Boston, MA.
- Salim, R., Obrecht, N. A., & Chesney, D. L. (2016). *Think about it: Argument evaluation induces deliberation*. Poster presented at the 2016 meeting of the Association for Psychological Science, Chicago, IL.
- \*Manzetti, N. & Obrecht, N. A. (2016). *Dispositional empathy, altruism, and social networking site usage*. Poster presented at the New Jersey Social Media Summit and at Explorations 2016: Research, Scholarship and Creative Expression at William Paterson University, Wayne, NJ.
- \*Grella, M., \*Mahida, M., Salim, R., Chesney, D. L., & Obrecht, N. A. (2016). *An initial look at whether argument evaluation induces deliberation*. Poster presented at Explorations 2016: Research, Scholarship and Creative Expression at William Paterson University, Wayne, NJ.
- Salim, R., Obrecht, N. A., & Chesney, D. L. (2016). *Think about it: Argument evaluation induces deliberation*. Poster presented at Research Day Symposium 2016 at St. John's University, New York, NY.
- Holle, C., Makarec, K., Obrecht, N. A., Learmonth, A., Rim, S. Y. Ma, P., Heinzen, T., & Gordon, M. (2016). *Student Retention: An examination of a brief intervention*. Poster presented at the 2016 meeting of the Eastern Psychological Association, New York, NY.
- Obrecht, N. A., & Chesney, D. L. (2015). *Inferential and holistic-big-picture intuition predict base-rate neglect*. Poster presented at the 2015 meeting of the Society for Judgment and Decision Making, Chicago, IL.
- Chesney, D. L. & Obrecht, N. A., (2015). *Prompting deliberation about base-rates improves base-rate use, but explaining base-rate use yields no additional benefit*. Poster presented at the 2015 meeting of the Society for Judgment and Decision Making, Chicago, IL.
- Obrecht, N. A. & Chesney, D. L. (2015). *Reliance on affective intuition predicts base-rate neglect*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Al-Jayeh, E. & Obrecht, N. A. (2015). *Comparing executive function in sequential and simultaneous bilinguals*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Cruz, K., \*D'Argenio, L., & Obrecht, N. A. (2015). *Gender and body language on perceived competence*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.

- \*DiMeglio, S. & Obrecht, N. A. (2015). *Type A personality predicts high workload and stress, but less procrastination*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Ginart, M. & Obrecht, N. A. (2015). *Mastery-approach goals predict student expectations and achievement in mathematics*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Manzetti, N., \*DiMeglio, \*S., Link, A., \*Oganesova, M., Holle, C., & Obrecht, N. A. (2015). *An Impassioned State of Hunger and the Zero-Price Effect*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Vanderhoof, N. H. & Obrecht, N. A. (2015). *Aggression in the Media and School Motivation Predict Aggression in Real Life*. Poster presented at the 2015 meeting of the Association for Psychological Science, New York, NY.
- \*Cruz, K., \*D'Argenio, L., & Obrecht, N. A. (2015). *Gender and body language on perceived competence*. Poster presented at the 2015 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*DiMeglio, S. & Obrecht, N. A. (2015). *Type A personality predicts high workload and stress, but less procrastination*. Poster presented at the 2015 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*Ginart, M. & Obrecht, N. A. (2015). *Mastery-approach goals predict student expectations and achievement in mathematics*. Poster presented at the 2015 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*Vanderhoof, N. H. & Obrecht, N. A. (2015). *Aggression in the Media and School Motivation Predict Aggression in Real Life*. Poster presented at the 2015 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- Obrecht, N. A. & Chesney, D. L. (2014). *Evaluating arguments prompts people to use base-rate information rather than stereotype information*. Poster presented at the 2014 meeting of the Society for Judgment and Decision Making, Long Beach, CA.
- Obrecht, N. A., Chesney, D. L., & \*Delos Santos, S. (2014). *Analytical arguments in a reasoning conflict task*. Poster presented at the 2014 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*Delos Santos, S., Learmonth, A. E., Obrecht, N. A. (2014). *Musical experience and mathematical ability*. Poster presented at the 2014 meeting of the Eastern Psychological Association, Boston, MA.



- \*Sinisi, B. & Obrecht, N. A. (2013). *Relationships among empathy, social anxiety, and self-consciousness*. Poster presented at the 2013 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- \*Mercedes, B. M., Obrecht, N. A., & Heinzen, T. E. (2013). *Intergroup interaction, racism, and racial anxiety*. Poster presented at the 2013 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- Obrecht, N. A., Chesney, D. L., & \*Doran, C. L. (2013). *Sample representativeness affects whether base rates are integrated into probability judgments*. Poster presented at the 2013 meeting of the Eastern Psychological Association, New York, NY.
- Obrecht, N. A., Chesney, D. L., & \*Taddese, E. (2012). *An examination of the influence of binomial variability on lay inferences*. Poster presented at the 2012 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- Obrecht, N. A. & Chesney, D. L. (2011). *Statistical judgments are influenced by the implied likelihood that samples come from the same population*. Poster presented at the 2011 meeting of the Society for Judgment and Decision Making, Seattle, WA.
- Chesney, D. L. & Obrecht, N.A. (2011). *Adults are sensitive to variance when making likelihood judgments*. Poster presented at the 2011 meeting of the Cognitive Science Society, Boston, MA.
- Obrecht, N. A. (2011). *Sample size weighting in probabilistic inference*. Poster presented at the 2011 WPUNJ University Research and Scholarship Day, Wayne, NJ.
- Obrecht, N. A. (2010). *Sample size weighting in probabilistic inference*. Poster presented at the 2010 meeting of the Society for Judgment and Decision Making, St. Louis, MO.
- Obrecht, N. A., Chapman, G. B., & Gelman, R. (2009). *Encounter Frequency in the small number range*. Poster presented at the 2009 meeting of the Society for Judgment and Decision Making, Boston, MA.
- Obrecht, N. A. & Chapman, G. B. (2008). *Statistical judgments incorporate variance data when presented in a supportive context*. Poster presented at the 2008 meeting of the Society for Judgment and Decision Making, Chicago, IL.
- Obrecht, N. A., Chapman, G. B., & Gelman, R. (2008). *Statistical data are used when presented in a supportive context*. Poster presented at the 2008 Rutgers Fall Cognitive Festival, Piscataway, NJ.

- Obrecht, N. A., Chapman, G. B., & Gelman, R. (2008). *Statistical data are used when presented in a supportive context*. Poster presented at the 2008 Summer Institute on Bounded Rationality in Psychology and Economics, Berlin, Germany.
- Obrecht, N. A. & Chapman, G. B. (2007). *Taking statistics courses may increase use of sample size information*. Poster presented at the 2007 meeting of the Society for Judgment and Decision Making, Long Beach, CA.
- Obrecht, N. A. & Chapman, G. B. (2006). *Intuitive t-tests: Lay use of statistical information*. Poster presented at the 2006 meeting of the Psychonomic Society Annual Meeting, Houston, TX.
- Obrecht, N. A, Chapman, G. B., & Gelman, R. (2006). *Statistical reasoning is influenced by serial presentation of information*. Poster presented at the 2006 meeting of the Association for Psychological Science, New York, NY.
- Obrecht, N. A. & Purcell, D. G. (2005). *Anger inferiority effect demonstrated in both crowd and single face presentations*. Poster presented at the 2005 meeting of the Society for Judgment and Decision Making, Toronto, Canada.
- Obrecht, N. A. & Purcell, D. G. (2005). *Anger inferiority effect demonstrated in both crowd and single face presentations*. Poster presented at the 2005 meeting of the American Psychological Society, Los Angeles, CA.
- Obrecht, N. A. (2004). *Examining the face in the crowd paradigm: Evidence of an anger inferiority effect*. Poster presented at 2004 meeting of Meeting of Minds, Flint, MI.