

Natalie A. (Obrecht) Lindemann

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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

How judgments and beliefs are affected by metaphysical/religious viewpoints, statistical data, and intuitive reason

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

- 2024 Faculty Teaching Award, College of Arts, Humanities, and Social Sciences, William Paterson University
- 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

- Lindemann, N. A.** (in press). Parish practices predict belief in the Real Presence: Genuflection, adoration, and the traditional Latin Mass. *Catholic Social Science Review*.

Chesney, D. L., **Obrecht, N. A.**, & Peters, E. (in progress). Prompting deliberation leads to more normative numerical judgments.

Obrecht, N. A. (2019). Sample size weighting follows a curvilinear function. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *45*, 614-626. <http://dx.doi.org/10.1037/xlm0000615>

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

Obrecht, N. A.¹ & 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.¹, 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.**¹ (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.),

¹Manuscript 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 40th Annual Conference of the Cognitive Science Society (2180-2185). Austin, TX: Cognitive Science Society.

Obrecht, N. A.¹ & 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.), *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

Experimental I: Applied Statistics

Experimental II: Research Methods

First Year Honors Research Seminar

Selected Topics in Cognitive Science

Cognitive Science Honors Thesis I & II

Independent Study in Psychology, in Cognitive Science

Research Lab

Advanced Research Methods and Statistics (Graduate course)

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

2024 WP Summer Institute: UCC 2.0, William Paterson University

2024 Writing Across the Curriculum Workshop: Best Practices for Grading and Responding to Student Writing in any Course, William Paterson University

2024 Writing Across the Curriculum Workshop: Creating Dynamic and AI-resistant Discussion Board Prompts, William Paterson University

2023 What Works for Student Success Conference, William Paterson University

2023 Academic Affairs Teaching Discussion, William Paterson University

2023 Blackboard Ultra Workshop, William Paterson University

2022 WP Online Faculty Forum, William Paterson University

2022 Student Engagement and Learning Mobile Technologies Workshop, William Paterson University

2021 What Works Teaching Conference, William Paterson University

2021 YuJa Workshop, William Paterson University

2021 Accessibility Workshop, William Paterson University

2021 Introduction to Western Philosophy, Online course, Hillsdale College

2021 Faith and Truth-Seeking: What is the Role of Religion in Higher Ed?, Heterodox Academy Seminar

2019 9th Annual Philosophy Workshop: Aquinas on Human Action and Virtue, Mount Saint Mary College

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

- 2024 Faculty Mentor, Graduate Multicultural Mentoring and Support (G-MMS) Program
- 2023, 2024 Graduate Commencement
- 2023 Faculty Mentor Task Force, Faculty Mentorship Role
- 2022 – current Faculty Senate Advisement & Registration Council (**Co-Chair** 2023-2024)
- 2018 Honors Commencement

- 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, 2019 Faculty Marshal, May Commencement
- 2010 Faculty Marshal, Freshman Convocation

College Level, College of Arts, Humanities and Social Sciences, 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

- 2021 – Present Retention and Tenure Committee (**Chair**, 2022-2024)
- 2015 – 2017
- 2023 Department Beautification Committee
- 2022 – 2024 Doctoral dissertation committee member, Matthew Corwin: *It was Forgettable, Not Accessible: Anxiety, Recall, and Recognition*
- 2018 – 2019 Assessment Committee member
- 2011 – 2015
- 2018 – 2019 Search Committee **Chair**, 1-year fulltime faculty hire
- 2018 – 2019 Promotion Committee member

2019 – 2020	Doctoral dissertation committee member, Eleonora Gallagher: <i>Personality Profile of the Single Mindfulness Meditation Responders</i>
2019 – 2020	Doctoral dissertation committee member, Marwa Ahmed: <i>The Association of an Interactive Video Game with Psychosocial and Physical Health</i>
2018 – 2020	Doctoral dissertation committee member, Ari Lakritz: <i>Social Media and its Discontents: Social Media Use, Loneliness, and Perceived Social Support</i>
2018 – 2019	Doctoral dissertation committee member, Ashley S. Bujalski: <i>A Novel Implicit Program and its Utility for Criminal Behavior Prediction and Measurement</i>
2017	Designed new UCC Area 1 wellbeing course on applied critical thinking: Psy 1200 <i>Evidence-based living</i> .
2017 – 2018	Subject Pool Committee member
2016 – 2017	Search Committee member (2 open area tenure-track positions)
2017 – Present 2015 – 2016	Development Committee member, (Chair 2018-2019)
2014 – 2015	Search Committee member (tenure-track clinical position)
2014 – 2019	Retention Research Committee member
2013, 2018	Open House, Psychology Department Representative
2011 – 2015	Curriculum Committee, (Chair 2011-2013) and (Member 2013-2015)
2019 – Present 2011– 2019	Department 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 – 2024	Psychology major advisor

Open Advisement Week (every semester)
Transfer Student Day Advisement (every summer 2010-2015, 2018, 2019)
AHSS/HSS Open Advisement Day (2010, 2011, 2012, 2014, 2015, 2016, 2021, 2023)
Accepted Students Brunch (2018, 2023)
Scholarship Brunch (2022)

Rutgers: The State University of New Jersey
2006 – 2007 Graduate Student Representative, Cognitive Area

PROFESSIONAL SERVICE

Evaluator of the Alexander the Great Personality Test, 2023

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
Psychonomic Bulletin & Review
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

2022, 2023 Chapel Volunteer Day, Our Lady of Fatima Chapel
2021 Philosophy and Theology Discussion Group Leader, St. Anthony of Padua Parish

2018 – 2019 9th Grade Catechism Teacher, 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 AND STUDENT AWARDS

Kevin Czerny (2024-present): Current research mentee: being trained on research methods, data coding, and data analysis

Gabriella Perez (2023-present): Current research mentee: being trained on research methods, data coding, and data analysis

Christian Ortiz (2023-2024): Research mentee: trained on research methods, data coding, and data analysis; **MSW student starting Fall 2024**

Kimberly Villatoro (2023-present) *Impact of Academic Self-Efficacy, Grit, and Stress on Academic Performance*, paper written in Psy 2030 Research Methods Spring 2023, **published in Celebrating Student Writing Across the Curriculum Magazine**

Andres Perez (2022-present) *Factors that predict belief in the Real Presence among Catholics*. Paper presented at Research and Scholarship Day 2023, William Paterson.

Brendon Lee (2022-2023) *Stress levels between first generation and continuing generation college students*. Cognitive Science Honors; Presented poster at EPA 2023.

Jordyn Rush (2021): *The Influence of Social Support Systems on Mental Health Quality*. **Paper published in Celebrating Student Writing Across the Curriculum Magazine**; written in Psy 2030 Research Methods during Spring 2022. **Excellence in Academics, Research, and Service Award, 2023.**

Yomary Collazo (2019-2020): *Meta-ethical beliefs*. Presented posters at WPUNJ 2019 & 2020 and the Psychonomic Society.

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

Maitry Mahida (2016-2019, 2020-2021): *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; **Master's in Public Health Policy and Management from New York University (2021)**.

Marwa Shoaib (2016-2017): *Does deliberative thinking predict religiosity, happiness, and reasoning ability?* Presented a poster at APS 2017; **Master's in Public Health from 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 in Professional Communications, Digital Media & Professional Writing from 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; 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**

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; **Doctoral Nursing Student**

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., Washington State University**

Rutgers University

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

GUEST LECTURES/PRESENTATIONS

Lindemann, N. A. (2023) *Psychology Department overview for Will Power students*, William Paterson University, November 27, 2023.

Lindemann, N. A. (2023) *Psychology Department overview for prospective high school dual enrollment students*, William Paterson University, November 20, 2023.

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 20th, 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)

Lindemann, N. A., *Czerny, K., *Ortiz, C., *Perez, A., *Perez, G., & *Villatoro, K. (submitted). *Traditional liturgical practices predict belief in the Real Presence*. Paper submitted for the 2024 meeting of the Society of Catholic Social Scientists, Latrobe, PA.

Lindemann, N. A. (2023). *Parish practices predict belief in the Real Presence: Genuflection, Adoration, and the Traditional Latin Mass*. Paper presented at the 2023 meeting of the Society of Catholic Social Scientists, Steubenville, OH.

*Perez, A. & Lindemann, N. A. (2023). *An initial look at factors that may predict belief in the Real Presence among Catholics*. Paper presented at the 2023 Research and Scholarship Day, William Paterson University, Wayne, NJ.

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 6th, 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 37th 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)

- *Lee, B., Obrecht, N. A., & Learmonth, A. (2023). *Stress levels between first generation and continuing generation college students*. Poster presented at the 2023 meeting of the Eastern Psychological Association.
- Obrecht, N. A. (2022). *Some moral rules are believed to be as objective as facts*. Poster presented at the 2022 virtual meeting of the Society for Judgment and Decision Making.
- *Mahida, M. & Obrecht, N. A. (2021). *Frequency of false information repetition does not increase sharing of Covid-19 misinformation*. Poster presented at the 2021 virtual meeting of the Association of Psychological Science.
- Obrecht, N. A. & *Collazo, Y. (2020). *On the objectivity of moral rules*. Poster presented at the 2020 virtual meeting of the Psychonomic Society Austin, TX.
- *Collazo, Y. & Obrecht, N. A. (2020). *Religious groups vary in their degree of moral objectivism*. Poster presented at the 2020 virtual Research and Scholarship Day, William Paterson University, Wayne, NJ.
- *Patel, U., & Obrecht, N. A. (2019). *The role of religion in career expectations*. Poster presented at 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 Research and Scholarship Day, William Paterson University, Wayne, NJ.

*Collazo, Y., & Obrecht, N. A. (2019). *Meta-ethical viewpoints: To what extent do people think ethical rules are objective?* Poster presented at the 2019 Research and Scholarship Day, William Paterson University, Wayne, NJ.

*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. J. (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.