

Natalie A. (Obrecht) Lindemann

William Paterson University
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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

- 2025 – Present Professor, Department of Psychology, William Paterson University (promoted September 1, 2025)
- 2016 – Present Affiliated Faculty Member, Doctoral Program in Clinical Psychology, William Paterson University
- 2015 – 2025 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, embodied cognition, statistical data, and intuitive reason

MEDIA

Rorate Cæli (2025). Published Article: Attendance of Traditional Latin Mass strongly correlated with Stronger Belief in the Real Presence in the Blessed Sacrament.
<https://rorate-caeli.blogspot.com/2025/09/published-article-attendance-of.html>

National Catholic Register (2025). Study: 'Traditional Liturgical Experiences Predict Stronger Belief in the Real Presence'. <https://www.ncregister.com/cna/study-traditional-liturgical-experiences-predict-stronger-belief-in-the-real-presence>

Polonia Christiana (2025). Przyjmujesz Komunię św. na rękę? Grozi ci utrata wiary. To fakt, nie opinia. <https://pch24.pl/tradycyjna-duchowosc-wplywa-na-silniejsza-wiare-to-fakt-nie-opinia/>

Zenit (2025). Study Links Traditional Eucharistic Practices to Stronger Belief in Christ's Presence. <https://zenit.org/2025/09/23/study-links-traditional-eucharistic-practices-to-stronger-belief-in-christs-presence/>

CNewsLive (2025). Traditional Liturgical Practice Linked to Stronger Belief in the Real Presence, Study Finds. <https://cnewsliveenglish.com/news/35766/traditional-liturgical-practices-linked-to-stronger-belief-in-the-real-presence-study-finds-aj>

Lifesite (2025). Study confirms Latin Mass, Communion on tongue linked to stronger faith in Eucharist. <https://www.lifesitenews.com/news/study-confirms-latin-mass-communion-on-tongue-linked-to-stronger-faith-in-eucharist/>

The Catholic Herald Institute (2025). US study links traditional Catholic practices to stronger belief among American Catholics. <https://www.thecatholicheraldinstitute.org/news/us-study-links-traditional-catholic-practices-to-stronger-belief-among-american-catholics>

Catholic Unscripted (2025). Tradition and Truth: Why Reverence Strengthens Eucharistic Faith. <https://www.catholicunscripted.com/p/tradition-and-truth-why-reverence>

EWTN (2025). Study: 'Traditional liturgical experiences predict stronger belief in the Real Presence'. <https://ewtn.co.uk/article-study-traditional-liturgical-experiences-predict-stronger-belief-in-the-real-presence/>

Radical Fidelity (2025). MUST READ: New Research Again Vindicates TLM and its Adherents. <https://radicalfidelity.substack.com/p/must-read-new-research-vindicates>

Catholicism.org (2025). Traditional Liturgical Practices Predict Belief in the Real Presence. <https://catholicism.org/traditional-liturgical-practices-predict-belief-in-the-real-presence.html>

Real Presence Coalition (2024). Parish Practices Predict Belief in the Real Presence. <https://realpresencecoalition.com/parish-practices-predict-belief-in-the-real-presence>

Catholicism.org (2024). Parish Practices Predict Belief in the Real Presence: Adoration, Genuflection, and the Traditional Latin Mass. <https://catholicism.org/parish-practices-predict-belief-in-the-real-presence-adoration-genuflection-and-the-traditional-latin-mass.html>

Broadcast on NPR's Marketplace Morning Report (2016). 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. <i>Data-Driven: A flexible, accessible, multidisciplinary superhighway breaking disparities and opening the data analytics economy to everyone</i> . National Science Foundation, Engaged Student Learning-Development and Implementation. Funded.
2017, 2018	Chesney, D. L. & Obrecht, N. A. <i>Collaborative Research RUI: Experimental investigation of the links between numeracy subcomponents and judgment and decision making</i> . 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

CURRENT RESEARCH

Lindemann, N. A. (in prep.). Liturgical features predict active participation during Mass.

Chesney, D. L., **Lindemann, N. A.**, & Peters, E. (under revision). Prompting deliberation leads to more normative numerical judgments.

PEER-REVIEWED JOURNAL ARTICLES

Lindemann, N. A. (2025). Liturgy matters: Traditional liturgical practices predict belief in the Real Presence. *Catholic Social Science Review*, 30, 135-151.
<https://doi.org/10.5840/cssr20253016>

Lindemann, N. A. (2024). Parish practices predict belief in the Real Presence: Genuflection, adoration, and the traditional Latin Mass. *Catholic Social Science Review*, 29, 85-100. <https://doi.org/10.5840/cssr20242911>

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.

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

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.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

2025	Advanced Excel Skills for Beginners, William Paterson University
2025	Instructor Training for LockDown Browser & Respondus Monitor, Respondus
2024	Instructional Strategies to Engage, William Paterson University
2024	Differentiated Learning Workshop, William Paterson University
2024	Building Swift Meaningful Connections Through Structured Conversations, Heterodox Academy
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	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, 2023, 2024	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	9 th 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

2025	Will.Power guest speaker (Faculty Mentor speaker, Sp25; Psychology major speaker, Sp2025 & F2025)
2025	What is ‘Critical’ About Critical Thinking and Why It Matters for Solving Tame, Critical or ‘Wicked’ Problems, Panel Member, William Paterson
2025	Dr. Martin Luther King, Jr. Day of Service, Jan 24, William Paterson
2024 – current	Faculty Mentor, Undergraduate Sophomore Mentoring Program (n=15, Fall 2024 onward)
2024 – current	Faculty Mentor, Graduate Multicultural Mentoring and Support (G-MMS) Program (n=1 Spring 2024 onward)
2023, 2024	Graduate Commencement
2023	Faculty Mentor Task Force, Faculty Mentorship Role
2022 – current	Faculty Senate Advisement & Registration/Academic Success Council (Co-Chair 2023-2025)
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

2025 – Present Promotion Committee (**Chair**, 2025-2026)

2021 – 2025 Retention and Tenure Committee (**Chair**, 2022-2024)
2015 – 2017

2023 Department Beautification Committee

2022 – 2024 Doctoral dissertation committee, Matthew Corwin: *It was Forgettable, Not Accessible: Anxiety, Recall, and Recognition*

2018 – 2019 Assessment Committee
2011 – 2015

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

2018 – 2019 Promotion Committee

2019 – 2020 Doctoral dissertation committee, Eleonora Gallagher: *Personality Profile of the Single Mindfulness Meditation Responders*

2019 – 2020 Doctoral dissertation committee, Marwa Ahmed: *The Association of an Interactive Video Game with Psychosocial and Physical Health*

2018 – 2020 Doctoral dissertation committee, Ari Lakritz: *Social Media and its Discontents: Social Media Use, Loneliness, and Perceived Social Support*

2018 – 2019	Doctoral dissertation committee, 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
2016 – 2017	Search Committee (2 open area tenure-track positions)
2017 – Present 2015 – 2016	Development Committee, (Chair 2018-2019)
2014 – 2015	Search Committee (tenure-track clinical position)
2014 – 2019	Retention Research Committee
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, 2024, 2025)
2011 – Present	Evaluator of adjunct faculty teaching (nearly every semester)
2010 – 2024	Psychology major advisor <i>Open Advisement Week</i> (every semester) <i>Transfer Student Day Advisement</i> (every summer 2010-2015, 2018, 2019) <i>AHSS/HSS Open Advisement Day</i> (2010, 2011, 2012, 2014, 2015, 2016, 2021, 2023) <i>Accepted Students Brunch</i> (2018, 2023) <i>Scholarship Brunch</i> (2022)
Rutgers: The State University of New Jersey 2006 – 2007	Graduate Student Representative, Cognitive Area

PROFESSIONAL SERVICE

2025 – Present At-large Board Member, Society of Catholic Social Scientists

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

Scientific Reports

Thinking & Reasoning

Panel Moderator at the 2023 and 2024 Annual Meetings of the *Society of Catholic Social Scientists*

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

Society of Catholic Social Scientists

Heterodox Academy
Psychonomic Society, Fellow
Society for Judgment and Decision Making

RESEARCH MENTORSHIP AND STUDENT AWARDS

Sal Iodice (2025-present): Current research mentee: being trained on research methods, data coding, and data analysis; conference paper presentation at SCSS 2025

Kevin Czerny (2024-2025): Conference presentations at SCSS 2024 and 2025; **PsyD graduate student at Immaculata University starting Fall 2025**

Gabriella Perez (2023-2025): Conference presentations at SCSS 2024 and 2025; **PsyD graduate student at Divine Mercy University starting Fall 2025**

Christian Ortiz (2023-2024): Conference presentation SCSS 2024; **MSW graduate student starting Fall 2024**

Kimberly Villatoro (2023-2024) *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; Excellence in Academics, Research, and Service Award (UG);** conference presentation SCSS 2024

Andres Perez (2022-2024) *Factors that predict belief in the Real Presence among Catholics*. Paper presented at Research and Scholarship Day 2023 and SCSS 2024, 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., *Perez, G., *Czerny, K., & *Iodice, S. (accepted). *Traditional Latin Mass attendance predicts less distraction and more active participation in the liturgy*. Paper submitted for the 2025 meeting of the Society of Catholic Social Scientists, Steubenville, OH.
- Lindemann, N. A., *Czerny, K., *Ortiz, C., *Perez, A., *Perez, G., & *Villatoro, K. (2024). *Traditional liturgical practices predict belief in the Real Presence*. Paper presented at 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.