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Academic Training:

8/2014 Ph.D. Northeastern University, Boston, MA; Psychology
5/2011 M.A. Northeastern University, Boston, MA; Psychology
5/2009 B.A. Franklin & Marshall College, Lancaster, PA; Magna Cum Laude,
Psychology and American Studies

Additional Training:

10/2022-09/2023 Advance K Scholar, NIH K Career Development Program, Advance
Clinical and Translational Research, Brown University
9/2014-6/2016 Postdoctoral Research Fellow, Center for Healthcare Organization and
Implementation Research (CHOIR), US Department of Veterans Affairs,
Jamaica Plain & Bedford, MA
7/2013-8/2013 Predoctoral Research Fellow in LGBT Health, Fenway Institute, Fenway
Health, Boston, MA
6/2008-8/2008 Hackman Research Scholar of Psychology, Franklin & Marshall College,
Lancaster, PA

Academic Appointments:

9/2026-present Undergraduate Psychology Program Director, University of Rhode Island
7/2026-present Associate Professor, University of Rhode Island
9/2022-7/2026 Assistant Professor, University of Rhode Island
9/2018-8/2022 Assistant Professor, University of Maine
7/2016-7/2018 Assistant Professor, Massachusetts College of Pharmacy and Health
Sciences University
9/2015-5/2016 Adjunct Assistant Professor, Massachusetts College of Pharmacy and
Health Sciences University
9/2015-9/2016 Research Assistant Professor, Boston University School of Medicine
6/2012-8/2012 Instructor of Psychology, Northeastern University

Other Appointments:

6/2016-present Research Scientist, Center for Healthcare Organization and
Implementation Research (CHOIR), US Department of Veterans Affairs,
Jamaica Plain & Bedford, MA
11/2020-9/2022 LGBTQ+ Tobacco & Cancer Equity Coalition, Maine Health Equity
Alliance

6/2017-6/2018	Behavioral Science Consultant, Cogito Corp.
9/2009-8/2014	Graduate Research Assistant, Department of Psychology, Northeastern University
9/2009-8/2014	Teaching Assistant, Department of Psychology, Northeastern University

Honors:

2/2023	Outstanding Graduate Poster Award, Society for Personality and Social Psychology Annual Convention
10/2022	Invited attendee, European Association for Social Psychology and Society for Psychological Study of Social Issues LGBTQ Small Group Workshop
2/2022	Robert Rosenthal Poster Award, Society for Personality and Social Psychology, Nonverbal Preconference
3/2021	Association for Psychological Science (APS) 2021 Rising Star
9/2020	Faculty Mentor Impact Award, University of Maine
6/2019	American Psychological Association's Division 35 Section 4 Early Career Psychologist Research Award
6/2019-6/2020	Rising Tide Diversity Professor, University of Maine
6/2015	ICare Award for LGBT Veteran Services, US Department of Veterans Affairs
5/2014	Outstanding Graduate Student Research Award (\$1000), Northeastern University
4/2014	Graduate student poster award recipient, Research, Innovation and Scholarship Expo, Northeastern University
1/2013	Diversity Fund Graduate Travel Award (\$500), Society for Personality and Social Psychology
5/2009	The Sarah A. Aronoff Psychology Award, Franklin & Marshall College
5/2009	Magna Cum Laude, Franklin & Marshall College, Lancaster, PA

Peer Review Service:

Editorial Fellow, *Journal of Pain*, 2026
Associate Editor for *Frontiers in Psychology*
Editorial Board Member for *Annals of LGBTQ Public and Population Health*
Editorial Board Member for *Journal of Nonverbal Behavior*
Action Editor for *PlosONE*
Reviewer for *Emotion*
Reviewer for *European Journal of Pain*
Reviewer for *Journal of Nonverbal Behavior*
Reviewer for *Health Communication*
Reviewer for *PlosONE*
Reviewer for *Patient Education and Counseling*
Reviewer for *Journal of Applied Social Psychology*
Guest Academic Editor for *PlosONE*

Grant Review:

2/2026	Ad hoc reviewer, <i>Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant</i>
11/2024	Ad hoc reviewer, <i>National Science Foundation Social Psychology Grant</i>

Licenses and Certification:

11/2022	EdX Inclusive STEM Teaching, University of Rhode Island
12/2014	Certified Roter Interaction Analysis System (RIAS) coder
9/2010	Certified Facial Action Coding System (FACS) coder

Departmental and University Committees:

3/2025-present	Member, University Diversity Council, University of Rhode Island
9/2024-present	Co-chair, Inclusion and Diversity Committee, Department of Psychology, University of Rhode Island
9/2023-present	Member, LGBTQ+ Leadership Council, University of Rhode Island
9/2023-present	Member, Trans Inclusion Committee, University of Rhode Island
10/2022-present	Member, Inclusion and Diversity Committee, Department of Psychology, University of Rhode Island
9/2019-8/2022	Member, University of Maine's Student Conduct Committee
9/2019-8/2022	Member, University of Maine's Provost's Council for Advancing Equity
9/2019-8/2022	Faculty Advisor, Phi Sigma Pi National Honor Fraternity, University of Maine
9/2019-8/2022	Chair, University of Maine's LGBTQ Allies Council
1/2019-8/2022	Member, Steering Committee University of Maine Medicine and Arts and Humanities Fellowship Program
11/2018-8/2022	Member, University of Maine's Psychology Department Policy Advisory Committee
1/2019-8/2022	Member, University of Maine's Health Professions Committee
9/2018-8/2019	Member, University of Maine's LGBTQ Allies Council
9/2018-8/2022	Affiliate, Women's, Gender, and Sexuality Studies, University of Maine
9/2018-8/2022	NCAA Faculty Liaison, University of Maine Field Hockey
2/2018-7/2018	Member, University Diversity Taskforce, MCPHS University
9/2017-8/2018	Faculty Mentor, American Psychological Association for LGBT Graduate Students
8/2017-7/2018	Faculty Advisor, Health, Exercise, positive Attitude, Relaxation, and Thoughtfulness (H.E.A.R.T.) student group, MCPHS University
5/2017-7/2018	Member and Advisor, Honors Committee, MCPHS University
5/2017-7/2018	Public Health Faculty Search Committee, School of Arts and Sciences, MCPHS University
7/2016-7/2018	Member, Wellness Committee, MCPHS University
7/2016-7/2018	Member, UVETeran Committee, MCPHS University
7/2016-7/2018	Chair, Diversity Committee, School of Arts and Sciences, MCPHS University
7/2016-7/2018	Member, Health Communication Minor Committee, School of Arts and Sciences, MCPHS University
9/2016	Reviewer for Graduate Student Travel Award of the Society for Personality and Social Psychology (SPSP)

9/2010-8/2014	President, Psychology Department Graduate Student Organization, Northeastern University
9/2010-8/2011	Member-at-Large, Graduate Student Council, Society for Personality and Social Psychology
9/2008-5/2009	President, Psi Chi, Franklin & Marshall College, Lancaster, PA

Teaching Experience and Responsibilities:

9/2022-present	Assistant Professor of Psychology at the University of Rhode Island, developed undergraduate Social Psychology and Research Methods and a graduate Advanced Social Psychology course with active learning and flipped course materials, lectures, and assessments.
9/2018-8/2022	Assistant Professor of Psychology at the University of Maine, developed Social Psychology, Capstone Senior Seminar, and Career Exploration active learning and flipped course materials, lectures, and assessments and graduate course on Nonverbal Communication.
7/2016-7/2018	Assistant Professor of Psychology at Massachusetts College of Pharmacy and Health Sciences University, developed Research Methods, Health Psychology, Nonverbal Communication, and MRI Anxiety Collaborative course materials, lectures and assessments.
9/2015-5/2016	Adjunct Assistant Professor of Psychology at Massachusetts College of Pharmacy and Health Sciences University, developed Health Psychology course materials, lectures, and assessments for course.
9/2014	Guest lecturer to Health Psychology students at Bentley University.
6/2012-8/2012	Instructor of record for Statistics course, developed course materials, lectures, and assessments for statistics course at Northeastern University.
9/2013-12/2013	Teaching assistant for Research Design Laboratory, met with students in small groups and developed and conducted research projects, helped students write up manuscript-like report in APA style, and graded course material.
1/2013-4/2013	Teaching assistant for Social Psychology Laboratory, met with students in small groups and developed and conducted research projects, helped students write up manuscript-like report in APA style, and graded course material.
9/2012-12/2012	Teaching assistant for Statistics course, led review sessions outside of class time, frequently guest-lectured in class, and graded course material.
1/2012-4/2012	Teaching assistant for Statistics course, led review sessions outside of class time, frequently guest-lectured in class, and graded course material.
9/2011-12/2011	Teaching assistant for Statistics course, led review sessions outside of class time, frequently guest-lectured in class, and graded course material.
9/2010-12/2010	Teaching assistant for Statistics course, led review sessions outside of class time, frequently guest-lectured in class, and graded course material.
1/2010-4/2010	Teaching assistant for Introduction to Psychology, met with students outside of class and graded course materials.

Other Professional Activities:

Professional Societies: Memberships, Offices, and Committee Assignments:

2/2026-present	Co-Chair, Diversity and Climate Committee, Society for Personality and Social Psychology
6/2019-9/2021	Chair, young International Association for Communication in Healthcare (IACH)
8/2017-9/2017	Member American Psychological Association
7/2009-present	Member Society for Personality and Social Psychology
7/2011-present	Member European and American Association for Communication in Healthcare
9/2014-9/2015	Member Association for Psychological Science (APS)
6/2016-6/2017	Member Academy Health

Other Support:

Current Research Funding:

2024-2029	Principal Investigator, NIMHD K01 (K01MD020123), <i>Dismantling barriers in pain management through an intersectional multi-method examination of race and gender biases</i> (\$653,762)
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Completed Research Funding:

2024-2025	Co-Investigator, American Psychological Foundation (APF) Franklyn Springfield Research Fund Grant, <i>A bit of a double blow: An exploration of intersectional stigma in mental healthcare settings among autistic transgender, nonbinary, and gender diverse (TNG) individuals</i> (\$21,000)
2023-2024	Principal Investigator, Rhode Island Foundation, <i>Understanding the intersection of race and gender bias in pain assessment</i> (\$24,952)
2023-2024	Principal Investigator, Advance CTR, <i>The impact of intersectional race and gender (beyond the binary) biases in pain perception</i> (\$15,014)
2023	Doctoral Mentor, Mentee: Michelle Stage, Rhode Island Space Grant Consortium, <i>Going where no astronaut has gone before: Supporting LGBTQ+ aspiring NASA students</i> (\$11,500).
2022	Doctoral Mentor, Mentee: Michelle Stage, Maine Space Grant Consortium, <i>Going where no astronaut has gone before: Experiences of diversity, equity, and inclusion in underrepresented STEM students</i> (\$6000).
2022	Principal Investigator, University of Maine EMPOWER Proposal Mentorship Development (\$10,000)
2021	Doctoral Mentor, Mentee: Morgan Stosic, National Science Foundation Graduate Research Fellowship Program, <i>Personality and Affect Accuracy in Face-to-face and Videoconferencing Interactions</i> (\$102,000).

- 2021 Doctoral Mentor, Mentee: Adele Weaver, Clara Mayo Award from the Society for the Psychological Study of Social Issues, *How Race, Gender, and Body Positioning Impact Perceptions and Interactions with Those in Power*, (\$500).
- 2021 Doctoral Mentor, Mentee: Morgan Stosic, Maine Space Grant Consortium, *Efficacy of Various Trainings to Increase the Accurate Perception of Fatigue* (\$6000).
- 2021 Principal Investigator, Society for Adolescent Health & Medicine's LGBTQIA Adolescent & Young Adult Health Research Award *LGTQ Young Adults' Nonverbal Expressions of Shame as Predictors of Mental and Physical Health During In-Person Interactions vs. Remote Videoconferencing Interactions: A Research Innovation with Clinical Care Implications for Telemedicine* (\$3000).
- 2020 Doctoral Mentor, Mentee: Morgan Stosic, Maine Space Grant Consortium, *A Lens Model Approach to the Nonverbal Expression of Fatigue* (\$6000).
- 2019 Center for Undergraduate Research Fellowship, University of Maine *Predicting changes in LGBT health through nonverbal expressions* (\$1100).
- 2019 Center for Undergraduate Research Fellowship, University of Maine *Examining differences in veteran suicide rates according to deployment status* (\$1100).
- 2019 Principal Investigator, American Psychological Association's Division 35 Section 4 Early Career Psychologist Research Award, *Examining the expression of LBT womyn's nonverbal displays of shame and its relation to health* (\$500).
- 2019 Co-Investigator, Maine Medical Center, *Assessing and Training Communication Skills and Empathic Accuracy in Cardiac Care Providers* (\$1000).
- 2019 Principal Investigator, Rising Tide Center University of Maine, *Equity-Oriented Faculty Development for Teaching* (\$7500).
- 2019 Co-Investigator, Palm Center, *Social Reactions to Transgender Discrimination in the Media* (\$1000).
- 2019 Principal Investigator, University of Maine CLAS Pre-Tenure Faculty Research and Creative Activity Fellowship, *Is empathy a double-edged*

sword for healthcare providers?: The relationship between burnout, empathy, and emotion recognition among palliative care providers (\$7500).

- 2018 Sex and Gender Health Education Summit, University of Utah, Faculty Travel Award.
- 2017 Davis Educational Foundation Grant, “Development of the Colleges of the Fenway Undergraduate Research Center,” PI: Mollie A. Ruben and Keri Griffin, submitted and awarded.
- 2017 Department of Defense, “Program Evaluation of Acupuncture Treatment Among Patients and Healthcare Providers,” submitted and awarded.
- 2017 “Mapping the Landscape, Journeying Together” Pilot Grant, Arnold P. Gold Foundation Research Institute, “Advancing humanism in anesthesiology: A meta-analysis and systematic review,” submitted and awarded.
- 2017 Faculty Development Grant, MCPHS University, “Development of two tests of pain detection accuracy for clinical students and healthcare providers,” submitted and awarded.
- 2014-2016 VA Office of Academic Affiliations Health Services Research and Development Fellowship at the Center for Healthcare Organization and Implementation Research (CHOIR), submitted and awarded.
- 2014 National Center for PTSD pilot grant, “Trauma treatment and recovery in LGBT Veterans,” submitted and awarded.

Bibliography:

Original, Peer Reviewed Articles:

Citations: 2989; h-index: 32; i10-index: 43

(*undergraduate student, **graduate student)

1. **Ruben, M. A.**, Carroll, A.**, Venegas, M. D., Hawley, C. E., McCullough, M. B., Hung, W. W., Moo, L. R. (in press). Acceptability and useability of telemedicine for older veterans: Mixed-methods behavioral observation analysis in a pilot sample. *Journal of Medical Internet Research Formative Research*.
2. Smith, A. M.**, Stage, M. D.**, **Ruben, M. A.**, & Berke, D. S. (in press). Improving clinical applications of sexual and gender minority stress theory for suicide prevention: A thematic network analysis. *American Journal of Orthopsychiatry*.
3. Stosic, M. D.**, Weaver, A. E.**, Fujiwara, K., Vicaria, I. M., Isaacowitz, D. M., & **Ruben, M. A.** (in press). Spontaneous behavioral synchrony and rapport in intergroup and intragroup interactions. *Personality and Social Psychology Bulletin*.

4. Kenyon, E. A. **, Stage, M. A. **, Kiefer, R. **, **Ruben, M. A.**, Livingston, N. A., Berke, D. S., & Shipherd, J. C. (2025). Associations between health care access and posttraumatic stress disorder symptoms among rural and urban lesbian, gay, bisexual, transgender, and queer adults. *Journal of Traumatic Stress*, 1–14. <https://doi.org/10.1002/jts.70039>
5. Martingano, A. J., Konrath, S., Blanch-Hartigan, D., Davis, M., Hall, J. A., **Ruben, M. A.**, Sanders, J. J., & Schwartz, R. (in press). Seven empathy myths: Correcting misconceptions about a complex construct. *Social and Personality Psychology Compass*.
6. Weaver, A. E. ** & **Ruben, M. A.** (in press). The accurate perception of anti-Black attitudes: A lens model approach. *Frontiers in Psychology*.
7. **Ruben, M. A.**, Blanch-Hartigan, D., & Hall, J. A. (in press). What is artificial intelligence (AI) “empathy”? A study comparing ChatGPT and physician responses on an online forum. *Journal of General Internal Medicine*.
8. Stosic, M. D. ** & **Ruben, M. A.** (in press). To desire closeness or to feel it: Behavioral synchrony and mimicry signal different experiences of relationship closeness. *Journal of Nonverbal Behavior*.
9. Stosic, M. D. **, Weaver, A. E. **, Blanch-Hartigan, D., Sanders, J. J., Schwartz, R., Hall, J. A., Duong, F., Meyer, E. C., Waisel, D. B., Blum, R. H., & **Ruben, M. A.** (in press). What is clinical empathy in anesthesiology? Perspectives from practicing anesthesiologists. *Anesthesia & Analgesia Practice*.
10. Murphy, N. A., **Ruben, M. A.**, Stosic, M. D. **, Renier, L., Schlegel, K., Hall, J. A., Schmid Mast, M., & Marroquin, B. (2025). How long? How many? How much? Evidence of convergent validity among thin-slice behavioral coding metrics. *Journal of Nonverbal Behavior*. <https://doi.org/10.1007/s10919-025-00489-w>
11. Weaver, A. E. **, **Ruben, M. A.**, & Stein, L. (2025). Modern racism contributes to overall less pain management and a “one size fits all” approach. *Health Psychology Report*. <https://doi.org/10.5114/hpr/207686>
12. Paganini, G. **, Weaver, A. E. **, Carroll, A. **, **Ruben, M. A.**, Mathur, V., & Lloyd, P. (2025). Leveraging insights from the psychological science of gender stereotyping to advance scholarship on gender-diverse individuals' pain experiences. *Journal of Pain*. <https://doi.org/10.1016/j.jpain.2025.105430>
13. Stage, M. D. **, Carvalho, O. **, & **Ruben, M. A.** (in press). ‘The nature of science is inclusive’: A qualitative study of LGBTQ+ undergraduate STEM students’ experiences in pursuing planetary sciences. *Analyses of Social Issues and Public Policy*.

14. Stage, M. A.**, Sherman, A. L.**, Stamates, A. L., **Ruben, M. A.**, Ehlke, S. J., & Kelley, M. L. (2025). Binegativity, childhood maltreatment, impulsivity, and risky behaviors among heavy drinking bisexual women. *Journal of Bisexuality*, 1-16. <https://doi.org/10.1080/15299716.2025.2481366>
15. Stage, M. A.**, Creamer, M.**, & **Ruben, M. A.** (2025). “Having providers who are trained and have empathy is life-saving”: Improving primary care communication through thematic analysis with ChatGPT and human expertise. *PEC Innovation*, 6, 100371. <https://doi.org/10.1016/j.pecinn.2024.100371>
16. **Ruben, M. A.**, Stage, M. A.**, Batchelder, A. W., Gilbert, C.**, Shipherd, J. C., Livingston, N. A., Weaver, A. E.**, & Berke, D. S. (2025). Nonverbal expressions of shame among rurally-situated, but not urban situated, LGBTQ adults predict suicidal ideation. *PLOS Mental Health*. <https://doi.org/10.1371/journal.pmen.0000129>
17. Stage, M. A.** & **Ruben, M. A.** (2024). From cueless to cue-full: Understanding health care cues’ impact on sexual orientation and gender identity disclosure. *Translational Issues in Psychological Science*. <https://doi.org/10.1037/tps0000442>
18. Stosic, M. D.**, **Ruben, M. A.**, Duenas, J.*, & Flynn-Evans, E. (2024). Gender bias in the perception of other’s fatigue: Women report more fatigue than men but have their fatigue underestimated by others. *Sex Roles*. <https://doi.org/10.1007/s11199-024-01534-6>
19. Shepard, E.**, **Ruben, M. A.**, Weyandt, L.L. (2024). Emotion recognition accuracy among individuals with ADHD: A systematic review. *Journal of Attention Disorders*, 29(3), 174-194. <https://doi.org/10.1177/10870547241297005>
20. Cipollina, R., **Ruben, M. A.**, Maroney, M., Fu, C.**, Gonzalez, A., Fogwell, N. T.**, Bettergarcia, J., & Levitt, H. (2024). The damaging legacy of damage-centered LGBTIQ+ research: Implications for healthcare and LGBTIQ+ health. *Journal of Social Issues*. <https://doi.org/10.1111/josi.12641>
21. **Ruben, M. A.** & Stosic, M. D.** (2024). Documenting race and gender biases in pain assessment and a novel intervention designed to reduce biases. *The Journal of Pain*, 25(9), 104550. <https://doi.org/10.1016/j.jpain.2024.104550>
22. Stosic, M. D.**, Helwig, S.**, & **Ruben, M. A.** (2024). More than meets the eyes: Bringing attention to the eyes increases first impressions of warmth and competence. *Personality and Social Psychology Bulletin*, 50(2), 253-269. <https://doi.org/10.1177/01461672221128114>
23. Hojjat, D.**, **Ruben, M. A.**, Aslaksen, P. M., Fiskum, C., Kaptchuk, T. J., & Flaten, M. A. (2024). The effect of singular nonverbal behaviors of experimenters on pain reports. *Journal of Pain Research*, 17, 1345-1360. <https://doi.org/10.2147/JPR.S449150>

24. **Ruben, M. A.** & Stosic, M. D.** (2024). Preserving privacy in the era of openness: Comment on Open Science requirements for identifiable data in Psychological Science journals. *The American Psychologist*, 79(3), 463-465. <https://doi.org/10.1037/amp0001282>
25. Buchanan, R., Herakova, L., **Ruben, M. A.**, & Hakkola, L. (2024). Breathing in, Breathing out: The structure of conversational sense-making around equity in higher education teaching. *Teaching in Higher Education*, 29(4), 876–895. <https://doi.org/10.1080/13562517.2022.2034145>
26. Hojjat, D.** , **Ruben, M. A.**, & Flaten, M. A. (2023). Systematic manipulation of experimenter’s nonverbal behaviors for the investigation of placebo effects. *Frontiers in Psychology*, 14, 1248127. <https://doi.org/10.3389/fpsyg.2023.1248127>
27. Stosic, M. D.** , Blanch-Hartigan, D., **Ruben, M. A.**, Meyer, E. C., Henig, A.**, Waisel, D. B., & Blum, R. H. (2023). You look young! Are you a doctor?” A qualitative content analysis of anesthesiology resident responses to ageism in clinical encounters. *Anesthesiology*, 139(5), 667–674. <https://doi.org/10.1097/ALN.0000000000004730>
28. Stosic, M. D.** , Scarpulla, E.** , Weaver, A.** , & **Ruben, M. A.** (2023). Should I post it? The relationship among social media use behaviors, emotion recognition, and mental health. *Frontiers in Psychology*, 14, 1161300. <https://doi.org/10.3389/fpsyg.2023.1161300>
29. LaPiere, T.* , & **Ruben, M. A.** (2023). Social identity and the mental health and wellbeing of male veterans. *Health Psychology Report*, 11(3), 262–268. <https://doi.org/10.5114/hpr/154989>
30. Hutchinson, R. N., Anderson, E. C., **Ruben, M. A.**, Manning, N., John, L., Daruvala, A., Rizzo, D. M., Eppstein, M. J., Gramling, R., & Han, P. K. J. (2022). A formative mixed-methods study of emotional responsiveness in telepalliative care. *Journal of Palliative Medicine*, 25(8), 1258–1267. <https://doi.org/10.1089/jpm.2021.0589>
31. Berke, D. S., **Ruben, M. A.**, Liautaud, M. M.* , Meterko, M., Kauth, M. R., & Shipherd, J. S. (2022). Discrimination exposure based on race, gender, and sexual orientation of Veterans Affairs Health Administration patients. *Journal of Healthcare for the Poor and Underserved*, 33, 714-725. <https://doi.org/10.1353/hpu.2022.0058>
32. McCullough, M., Kim, B., **Ruben, M. A.**, & Fix, G. M. (2022). Direct observation methods: A practical guide for health researchers. *PEC Innovation*, 1, 100036. <https://doi.org/10.1016/j.pecinn.2022.100036>
33. Dael, N., Schlegel, K., Weaver, A. E.** , **Ruben, M. A.**, & Mast, M. S. (2022). Validation of a performance measure of broad interpersonal accuracy. *Journal of Research in Personality*, 97, 104182. <https://doi.org/10.1016/j.jrp.2021.104182>

34. Stosic, M. D.**, Blanch-Hartigan, D., Aleksanyan, T.*, Duenas, J.*, & **Ruben, M. A.** (2022). Empathy, friend or foe?: Untangling the relationship between empathy and burnout in helping professions. *Journal of Social Psychology*, 162(1), 89-108. <https://doi.org/10.1080/00224545.2021.1991259>
35. **Ruben, M. A.**, Blanch-Hartigan, D., Laquidara, J. R. *, Meyer, E. C., Hall, J. A., Waisel, D., & Blum, R. (2022). How responsive are anesthesiologists to patient pain? Residents' verbal and nonverbal responses to standardized patient pain cues. *Journal of Nonverbal Behavior*, 46(2), 137-154. <https://doi.org/10.1007/s10919-021-00390-2>
36. Stosic, M. D.**, Helwig, S.**, **Ruben, M. A.** (2021). Psychological and sociodemographic predictors of mask-wearing behavior in a United States Sample during COVID-19. *Personality and Individual Differences*, 176, 110769. <https://doi.org/10.1016/j.paid.2021.110769>
37. **Ruben, M. A.**, Kauth, M. R., Meterko, M., Norton, A. M., Matza, A. R., & Shipherd, J. C. (2021). Veterans' reported comfort in disclosing sexual orientation and gender identity. *Medical Care*, 59(6), 550-556. <https://doi.org/10.1097/MLR.0000000000001543>
38. **Ruben, M. A.**, Stosic, M. D.**, Correale, J.**, & Blanch-Hartigan, D. (2021). Is technology enhancing or hindering nonverbal communication skills?: A framework and preliminary results to examine the relationship between technology use and nonverbal decoding skill. *Frontiers in Psychology*, 11, 611670. <https://doi.org/10.3389/fpsyg.2020.611670>
39. Hakkola, L., **Ruben, M. A.**, McDonnell, C.**, Herakova, L. L., Buchanan, R., & Robbie, K. (2021). An equity-minded approach to faculty development in a community of practice. *Innovative Higher Education*, 46, 393-410. <https://doi.org/10.1007/s10755-020-09540-8>
40. Wolfe, H. L.**, Fix, G. M., Bolton, R. E., **Ruben, M. A.**, & Bokhour, B. G. (2021). Development of observational rating scales for evaluating patient-centered communication within a whole health approach to care. *EXPLORE: The Journal of Science & Healing*, 17(6), 491-497. <https://doi.org/10.1016/j.explore.2020.06.011>
41. Livingston, N. A., Berke, D., Scholl, J., **Ruben, M. A.**, & Shipherd, J. C. (2020). Addressing diversity in PTSD treatment: Clinical considerations and guidance for the treatment of PTSD in LGBTQ populations. *Current Treatment Options in Psychiatry*, 7(2), 53-69. <https://doi.org/10.1007/s40501-020-00204-0>
42. Waisel, D. B., **Ruben, M. A.**, Blanch-Hartigan, D., Hall, J. A., Meyer, E. C., & Blum, R. (2020). Compassionate and clinical behavior of residents in a simulated informed consent encounter. *Anesthesiology*, 132, 159-169. <https://doi.org/10.1097/ALN.0000000000002999>

43. Bolton, R. E., Bokhour, B. G., Hogan, T. P., Luger, T. M., **Ruben, M. A.**, & Fix, G., M. (2020). Integrating personalized care planning into primary care: A multiple-case study of early adopting patient-centered medical homes. *Journal of General Internal Medicine*, 35, 428-436. <https://doi.org/10.1007/s11606-019-05418-4>
44. Hall, J. A., **Ruben, M. A.**, & Swatantra. (2020). First impressions of physicians according to their physical and social group characteristics. *Journal of Nonverbal Behavior*, 44(2), 279-299. <https://doi.org/10.1007/s10919-019-00329-8>
45. **Ruben, M. A.**, Livingston, N. A., Berke, D. S., Matza, A. R., & Shipherd, J. C. (2019). LGBT veterans' experiences of discrimination in healthcare and their relation to health outcomes: A pilot study examining the moderating role of provider communication. *Health Equity*, 3, 480-488. <https://doi.org/10.1089/heq.2019.0069>
46. Livingston, N. A., Berke, D. S., **Ruben, M. A.**, Matza, A. R., & Shipherd, J. C. (2019). Experiences of trauma, discrimination, microaggressions, and minority stress among trauma-exposed LGBT veterans: Unexpected findings and unresolved service gaps. *Psychological Trauma: Theory, Research, Practice, and Policy*, 11, 695-703. <https://psycnet.apa.org/doi/10.1037/tra0000464>
47. Goh, J.** , **Ruben, M. A.**, & Hall, J. A. (2019). When social perception goes wrong: Judging targets' behavior toward gay versus straight people. *Basic and Applied Social Psychology*, 41, 63-71. <https://doi.org/10.1080/01973533.2018.1550724>
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<https://doi.org/10.1111/j.1475-6811.2011.01359.x>

Submitted Manuscripts:

1. **Ruben, M. A.**, Hecht, E. A.*, Murphy, N. A., & Hall, J. A. (under review). Beyond the joy deficit: Enjoyment of masculine and feminine activities across diverse gender groups. *Sex Roles*.
2. Jaeger, B., Schild, C., Jones, A. L., Satchell, L., & **The Forecasting Impression Accuracy Team** (2026). Stage 1 Registered Report: Estimating first impression accuracy and accuracy awareness among laypeople and scientific experts. *Psychological Science*.
3. Mekhtieva, E.***, Schnabel, K. P., **Ruben, M. A.**, Sommer, N. R., & Schlegel, K. (under review). Reading emotions, responding empathically: A randomized controlled trial on the effect of emotion recognition training on empathic communication. *Cognition & Emotion*.
4. Stage, M. D. **, Carroll, A. **, Rosendale, N., **Ruben, M. A.**, & Cook, N. E. (under review). Social determinants of health and health equity in LGBTQ+ central nervous system tumor care: A content analysis of clinical research. *Neurological Sciences*.
5. Scheer, J. R., Chasten, N., Hoff, R., Stage, M. A., Girard, R., Epshteyn, G., **Ruben, M. A.**, Stamates, A. L., Weiss, N. H., Stein, L. A. R., & Hughes, T. L. (under review). Psychosocial syndemic risks surrounding pelvic pain among sexual minority women and transgender and gender diverse people.
6. Meyer, E. C., Blanch-Hartigan, D., **Ruben, M. A.**, Henig, A. B.***, Jeong, S.***, Waisel, D. B., & Blum, R. H. (under review). Anesthesiology residents' eliciting of patient questions during informed consent can be improved. *Patient Education and Counseling*.
7. Daniali, H.***, **Ruben, M. A.**, Aslaksen, P. M., & Kapchuk, T. J. (under review). Impact of experimenters on treatment response and pain reports. *Journal of Pain*.
8. **Ruben, M. A.**, Carroll, A.***, Stage, M. A.***, Berke, D. S., & Batchelder, A. W. (under review). An initial validation of nonverbal and verbal behavioral manifestations of shame. *Journal of Sexual Orientation and Gender Diversity*.
9. Batchelder, A. W., Glynn T., Witkower, Z., **Ruben, M. A.**, Traeger, L., Shin, J., Tracy, J., O'Cleirigh, C., Moskowitz, J. T. (review and resubmit). Multi-modal measurement of shame in relation to perceived stress and avoidance coping in the context of recent HIV diagnosis. *Journal of Health Psychology*.

Manuscripts in prep:

1. Tajima, H., Blanch-Hartigan, D., Hall, J. A., & **Ruben, M. A.** (in prep). Response length accounts for most of the apparent empathy advantage of AI chatbots over physicians: A reanalysis. *Journal of General Internal Medicine*.
2. Stage, M. D.** & **Ruben, M. A.** (in prep). Affirming dialogue and physician revisit intentions: The mediating role of perceived LGBTQ+ cultural competence. *Journal of Primary Care and Community Health*.
3. Batchelder, A. W., Shin, J.*, & **Ruben, M. A.** (in prep). A pilot study to examine induced experiences and expressions of shame among patients living with HIV.
4. Batchelder, A. W., Shin, J.*, Bernier, L. E., Wayne, P., & **Ruben, M. A.** (in prep). A method for the nonverbal measurement of negative self-conscious emotion. *BMJ Open*.
5. Hutchinson, R. N., Scharnetzki, E., **Ruben, M. A.**, McCann, N. C., Elise, R. M., Liu, R. R., & Han, P. (in prep). Assessing shared decision making among medical students.
6. **Ruben, M. A.** (in prep). Race and gender biases for infant's pain.
7. **Ruben, M. A.** (in prep). Accuracy in perceiving LGBTQ+ adults' suicidal ideation.

Case Reports, Reviews, Chapters, and Editorials:

Textbook Chapters:

1. **Ruben, M. A.**, Stage, M. A.**, Weaver, A. E.**, Carroll, A.**, & Stosic, M. D. (in press). Gender, power, and nonverbal communication. In D. W. Kissane, B. D. Bultz, P. N. Butow, C. L. Bylund, S. Noble and S. Wilkinson (Eds.) *Oxford Textbook of Communication in Oncology and Palliative Care (3rd edn)*. Oxford Academic.
2. Herakova, L., Buchanan R., **Ruben, M. A.**, & Hakkola, L. (in press). Contouring caring: A faculty community of practice responding to a crisis of equity in higher education. In M. Congdon and A Atay (Eds.) *Critical Approaches to Crisis Communication in the Classroom and Higher Education Contexts*. Lexington Books.
3. **Ruben, M. A.**, Blanch-Hartigan, D., & Hall, J. A. (in press). Nonverbal communication: The foundations. In S. Cole and R. Frankel (Eds.) *The Medical Interview: The Three Function Approach to Relationship-Centered Care Fourth Edition*. Elsevier.
4. **Ruben, M. A.**, Stosic, M. D.**, & Weaver, A.** (2021). Everything but the kitchen sync: A systematic review of synchrony in interpersonal and applied settings. In C. Liberman and J. Wrench (Eds.) *Casing Nonverbal Communication*. Kendall Hunt.
5. **Ruben, M. A.**, Stosic, M. D.**, & Blanch-Hartigan, D. (2021). Perception of Emotion in

the Medical Visit. In J. Hall, R. Schwartz, & L. Osterberg (Eds.), *Emotion in the Clinical Encounter*. McGraw-Hill.

6. **Ruben, M. A.**, Stosic, M. D.**, & Roter, D. L. (2021). Emotion Dialogue in the Medical Encounter: When and How Often Does it Happen? In J. Hall, R. Schwartz, & L. Osterberg (Eds.), *Emotion in the Clinical Encounter*. McGraw-Hill.
7. **Ruben, M. A.**, Blanch-Hartigan, D., & Hall, J. A. (2020). Communication Skills to Engage Patients in Treatment. In A. Hadler, S. Sutton, & L. Osterberg (Eds.), *The Wiley Handbook of Healthcare Treatment Engagement*. Wiley Publishing.
8. **Ruben, M. A.** (2016). Interpersonal Accuracy in the Clinical Setting. In J. A. Hall, M. Schmid Mast, & T. V. West (Eds.), *The Social Psychology of Perceiving Others Accurately*. Cambridge University Press.

Invited Talks:

1. **Ruben, M. A.** (November, 2024). Artificial Empathy: How ChatGPT Measures Up to Physicians in Terms of Empathy. Invited talk Texas A&M University, College Station, TX.
2. **Ruben, M. A.** (December, 2023). Race and Gender Biases in Pain Assessment: Beyond the Binary Patient. Invited talk Advance RI-CTR Clinical and Translational Seminar Series.
3. **Ruben, M. A.** (November, 2023). LGBTQ+ Stigma as a Social Determinant of Health. Invited talk Franklin and Marshall College (alma mater), Lancaster, PA.
4. **Ruben, M. A.** (September, 2021). Improving the LGBTQ+ Patient Experience: Research and Clinical Perspectives. Invited talk Bentley University, Waltham, MA.
5. **Ruben, M. A.** & Weaver, A. (March, 2021). Responding to Everyday Bias. Invited talk Bangor Public School District, Bangor, ME.
6. **Ruben, M. A.** (February, 2020). It's written all over your body: Predicting sexual and gender minority health from nonverbal expressions of shame. Invited talk Colby College, Psychology Department, Waterville, ME.
7. **Ruben, M. A.** (January, 2020). Facing pain: Assessing and improving empathic pain accuracy. Invited talk Brandeis University, Psychology Department, Waltham, MA.
8. **Ruben, M. A.** (June, 2019). The impact of provider-patient communication on the perception of pain. Invited talk Veterans Health Administration Amputation System of Care and the Extremity Trauma and Amputation Center of Excellence Grand Rounds.
9. **Ruben, M. A.** (2012). A lens model approach to the communication of pain. Invited talk at Franklin and Marshall College, Psychology Department, Lancaster, PA.

Conference Presentations:

1. Chatelle, A. R., Flasko, P. L., Beale, A. V., Carroll, A., & **Ruben, M. A.** (2026, April). Bias begins in the cradle: Anticipated life hardship reverses gender gaps in the assessment of infant pain. Poster presented at College of Health Sciences' Research Night, University of Rhode Island, Kingston, RI.
2. Stage, M. A. & **Ruben, M. A.** (2026, February). Dominant group attitudes as barriers to intergroup allyship: Cisgender/heterosexual individuals' impressions of LGBTQ+ allyship cues in healthcare. Poster presented at Eastern Psychological Association Conference. Boston, MA.
3. Jeong, S., Stage, M. A., **Ruben, M. A.**, Blanch-Hartigan, D., Lam, R., Waisel, D., Meyer, E., Kukora, S., & Blum, R. (April 2026). *The Pediatric Anesthesia Informed Consent Tool (PACT) to Improve Patient and Parent Engagement: Development and Pilot Testing*. Poster presented at the Pediatric Academic Societies Annual Meeting, Boston, MA.
4. Maroney, M. R., Sliz, K., Kortanek, E. S., Jezebelle, M., Jacovidis, J. V., McCall, R., DeLia, J., Thwaites, K., Wille, A., & **Ruben, M.A.** (2026, April). "Don't try to invalidate us": Advancing neurodivergent- and gender-affirming mental healthcare for Autistic adults with diverse experiences of gender. Poster to be presented at the International Society of Autism Research (INSAR), 2026 Annual Meeting, Prague, Czech Republic.
5. Scheer, J. R., Chasten, N., Hoff, R., Stage, M., Girard, R., Epshteyn, G., **Ruben, M. A.**, Stamates, A. L., Weiss, N. H., Stein, L. A. R., & Hughes, T. L. (June 2026). Psychosocial syndemic risks surrounding pelvic pain among sexual minority women and transgender and gender diverse people. In T. Chipman (Chair), *Examining Alcohol Use Within a Syndemic Framework: Biopsychosocial and Structural Drivers of Harm in SGM Populations*. Symposium paper to be presented at the 49th Annual Research Society on Alcohol (RSA) Scientific Meeting, San Antonio, TX.
6. Bakula, C., Ducharme, T., Noetzel, A., Garniss, T., Weaver, A. E., **Ruben, M. A.** (May, 2025). More explicit, self-reported racism is related to less feelings of warmth toward Black women but more feelings of warmth toward Black men. Poster presented at the College of Health Sciences University of Rhode Island Research Night, Kingston, RI.
7. Stage, M. A., Creamer, M., & **Ruben, M. A.** (May 2025). "Having providers who are trained and have empathy is life-saving": Improving primary care communication through thematic analysis with ChatGPT and human expertise. Poster presented at the Association for Psychological Science, Washington, DC.
8. Weaver, A. E., & **Ruben, M. A.** (February, 2025). More racist hiring managers tolerate more racist applicants: Mock hiring managers' perceptions of mock applicants' nonverbal

behavior in interracial interviews. Poster presented at the Society for Personality and Social Psychology Annual Conference in Denver, CO.

9. Stage, M. A., & **Ruben, M. A.** (December, 2024). Affirming cues in telehealth environments moderate the relationship between LGBTQ+ stigma and willingness to disclose one's sexual orientation. Poster presented at Osher Network Forum: High Tech-Medicine, Soft-Touch Healing: Advancing Innovation in Integrative Health at Harvard Medical School, Boston, MA.
10. Stage, M. A., & **Ruben, M. A.** (February, 2024). LGBTIQ+ affirming cues in healthcare environments mitigate relationship between internalized homophobia and willingness to disclose sexual orientation and gender identity. Brief talk presented at Advancing LGBTIQ+ Research Across the Globe Preconference at the Society for Personality and Social Psychology Annual Conference in San Diego, CA.
11. Weaver, A. E., & **Ruben, M. A.** (February, 2024). Applicant Anti-Black Attitudes and Perceived Hireability. Poster presented at the Society for Personality and Social Psychology Annual Conference in San Diego, CA.
12. Murphy, N. A., **Ruben, M. A.**, Stosic, M. D., Renier, L. A., & Schlegel, K. (February, 2024). How Many? How Much? How Long? Comparison of Thin-Slice Behavioral Coding Metrics. Poster presented at the Society for Personality and Social Psychology Annual Conference in San Diego, CA.
13. Weaver, A. E., Stosic, M. D., **Ruben, M. A.**, Fujiwara, K., & Vicaria, I. M. (February, 2023). A multi-measure approach to assessing nonverbal synchrony in intergroup vs. intragroup interactions. Poster presented at the Society for Personality and Social Psychology Annual Conference in Atlanta, GA.
14. Stage, M. A. & **Ruben, M. A.** (February, 2023). Cueless: Do environmental identity affirming cues affect one's willingness to disclose for LGBTQ+ individuals? Poster presented at the Society for Personality and Social Psychology Annual Conference in Atlanta, GA.
15. Weaver, A. E. & **Ruben, M. A.** (February, 2023). Accurately perceiving anti-Black attitudes: A lens model approach. Brief talk presented at the Society for Personality and Social Psychology's Nonverbal Preconference in Atlanta, GA.
16. Stosic, M. D. & **Ruben, M. A.** (April, 2022). Efficacy of various trainings to increase the accurate perception of fatigue. Poster presented at UMaine Student Symposium.
17. Weaver, A. E., & **Ruben, M. A.** (April, 2022). How race, gender, and body positioning impact perceptions and interactions with those in power. Poster presented at UMaine Student Symposium.

18. **Ruben, M. A.** (February, 2022). The surfacing of shame: Predicting suicidal ideation from nonverbal expressions of shame among LGBTQ adults. Brief talk presented at the Society for Personality and Social Psychology's Nonverbal Preconference in San Francisco, CA.
19. Stosic, M. A., & **Ruben, M. A.** (February, 2022). Interpersonal synchrony is related to greater accuracy for personality traits and affective states. Poster presented at the Society for Personality and Social Psychology's Nonverbal Preconference in San Francisco, CA.
20. Weaver, A., Stosic, M. A., **Ruben, M. A.**, & Vicaria, I. (February, 2022). Synchrony in intergroup interactions. Brief talk presented at the Society for Personality and Social Psychology's Nonverbal Preconference in San Francisco, CA.
21. Weaver, A., & **Ruben, M. A.** (February, 2022). The reaction to expansive and restrictive Black leaders. Poster presented at the Annual Conference for the Society for Personality and Social Psychology in San Francisco, CA.
22. Livingston, N.A., Berke, D., Salomaa, A., Herbitter, C., Bryant, W., **Ruben, M.**, Valentine, S., & Shipherd, J. (August, 2021). *Toward a unified model of trauma-minority stress for clinical conceptualization and care of LGBTQ veterans: A dynamic network analysis*. In K. Thompson (Chair), *Trauma in High Risk Populations: Women, Women of Color, and LGBTQ Individuals*. Symposium presentation at the 129th annual convention of the American Psychological Association (virtual).
23. McCusker, C. & **Ruben, M. A.** (April, 2021). The impact of mental health stigma on hireability. Poster presented at UMaine Student Symposium.
24. Stosic, M. D. & **Ruben, M. A.** (April, 2021). A lens model approach to the nonverbal expression of fatigue. Poster presented at UMaine Student Symposium.
25. Turla, V., Stosic, M. D., Correale, J., & **Ruben, M. A.** (October, 2020). Examining the relationship between interpersonal accuracy and group involvement. Poster presented at UMaine Virtual Student Symposium.
26. Stosic, M. D., Correale, J., & **Ruben, M. A.** (October, 2020). Practice makes pain perception perfect (almost): Improving the assessment of other's pain. Poster presented at UMaine Virtual Student Symposium.
27. LaPiere, T., & **Ruben, M. A.** (October, 2020). Understanding veteran suicides: Difference in combat deployed and non-combat deployed risk of suicide. Poster presented at UMaine Virtual Student Symposium.
28. Neptune, L. & **Ruben, M. A.** (October, 2020). Nonverbal displays of shame in LGBTQ+ populations and their relationship with health outcomes. Poster presented at UMaine Virtual Student Symposium.

29. **Ruben, M. A.**, Stosic, M. D., Correale, J. L., & Hall, J. A. (September, 2020). Physician online photographs make strong first impressions on potential patients. Poster presented at the International Conference for Communication in Healthcare Online.
30. Stosic, M., Correale, J., & **Ruben, M. A.** (February, 2020). Perceiving pain with precision: Reducing bias and improving the assessment of other's pain. Brief talk presented at the Society for Personality and Social Psychology's Nonverbal Preconference in New Orleans, LA.
31. Correale, J., Stosic, M., **Ruben, M. A.**, & Hall, J. A. (February, 2020). Acing picture day: How aspects of physician's photos impact first impression judgments. Poster presented at the Society for Personality and Social Psychology's Nonverbal Preconference in New Orleans, LA.
32. **Ruben, M. A.**, Swatantra, & Hall, J. A. (February, 2020). First impression biases of physicians' online photographs. Poster presented at the annual meeting of the Society for Personality and Social Psychology in New Orleans, LA.
33. Livingston, N.A., Berke, D., Scholl, J., **Ruben, M. A.**, & Shipherd, J. (2020). Trauma, PTSD, and treatment disparities among LGBTQ veterans and the integration of trauma and minority stress theories to improve treatment outcomes. In C. Allard & K. Thompson (Co-Chairs), Military trauma in understudied, high-risk veteran populations: Women and LGBTQ individuals. Symposium accepted for presentation at the 128th annual convention of the American Psychological Association, Washington, D.C.
34. **Ruben, M. A.**, Aleksanyan, T., & Blanch-Hartigan, D. (2019). Untangling the complex relationship between empathy and burnout. Poster presented at the International Conference of Communication in Healthcare, San Diego, CA.
35. McCullough, M., Kim, B., **Ruben, M. A.**, Wang, S., & Fix, G. M. (2019). Direct observation methods for quality improvement and implementation research. Workshop presented to VA Quality Scholars Program.
36. **Ruben, M. A.**, Hall, J. A., & Swatantra. (February, 2019). First impressions of physicians. Poster presented at the Society for Personality and Social Psychology's Nonverbal Preconference in Portland, OR.
37. Spencer, S. M., Nugent, L., **Ruben, M. A.**, Oliveira, J. M., & Blais, C. (October, 2018). Promoting professional development and the value of psychology through interdisciplinary education. Poster presented at the Society for the Teaching of Psychology's Annual Conference on Teaching (ACT) in Phoenix, AZ.
38. Bogdan, K. M., Yuen, A., & **Ruben, M. A.** (September, 2018). Healthcare student attitudes and knowledge toward chronic pain and patient-centered care: an observational comparative study. Poster presented at the International Association for the Study of Pain (IASP) in Boston, MA.

39. Conboy, L. & **Ruben, M.A.**, (August, 2018). Using Acupuncture to Treat Complex Medical Illness. Poster presented at the Military Health System Research Symposium (MHSRS) in Kissimmee, FL.
40. Shipherd, J. S., **Ruben, M. A.**, Berke, D. S. & Livingston, N. A. (November, 2018). Transgender veterans' trauma recovery and discrimination: considerations for treatment. Talk presented at the Association for Behavioral and Cognitive Therapies in Washington, D.C.
41. Blanch-Hartigan, D., **Ruben, M.A.**, Bogdan, K., Waisel, D.B., Blum, R.H., Meyer, E.C., Hall, J., Curtin, L. (2018). Advancing Humanism in Anesthesiology: A Meta-Analysis and Systematic Review. Poster presented at the Mapping the Landscape, Journeying Together Symposium, Arnold P. Gold Foundation Research Institute, Chicago, IL.
42. **Ruben, M. A.**, Blanch-Hartigan, Blum, R., Waisel, D., Meyer, E. C., Laquidara, J. R., & Hall, J. A. (2018). Anesthesiologists' verbal and nonverbal responses to pain. Poster presented at the Society for Personality and Social Psychology's Nonverbal Preconference in Atlanta, GA.
43. Blum, R., **Ruben, M. A.**, Blanch-Hartigan, D., Sarabosing, L. J., Meyer, E. C., & Waisel, D. (2018). Do residents adequately manage pain during informed consent? A simulation study. Poster presented at the International Meeting for Simulation in Healthcare in Los Angeles, CA.
44. **Ruben, M. A.**, Blanch-Hartigan, D., Blum, R., Waisel, D., & Meyer, E. C. (2018). Assessing the quality of practitioner response to patients' verbal and nonverbal empathy cues in simulation-based research. Workshop presented at the International Meeting for Simulation in Healthcare in Los Angeles, CA.
45. **Ruben, M. A.**, Skolnik, A. A., Livingston, N. A., Curreri, A. J., Matza, A. R., & Shipherd, J. C. (2017). Relationships between perceptions of provider communication, experiences of discrimination in healthcare, satisfaction with care, and chronic pain among lesbian, gay, bisexual, and transgender (LGBT) military veterans. Talk presented at the International Conference of Communication in Healthcare, Baltimore, MD.
46. Blanch-Hartigan, D., **Ruben, M. A.**, Bylund, C., & Hall, J. A. (2017). Coding nonverbal behavior in clinical interactions. Workshop presented at the International Conference of Communication in Healthcare, Baltimore, MD.
47. **Ruben, M. A.**, Blanch-Hartigan, D., Hall, J. A., Meyer, E., Dias, G., Waisel, D., & Blum, R. (2017). Anesthesiologists' ethical dilemma: How and when to treat the pain. Talk presented at the International Conference of Communication in Healthcare, Baltimore, MD.
48. Fullerton, M. & **Ruben, M. A.** (2017). Prevalence of patients' disclosure of sexual orientation to healthcare providers: A meta-analysis. Talk presented at Undergraduate Conference on Health and Society, Providence, Rhode Island.

49. **Ruben, M. A.**, Meterko, M., & Bokhour, B. G. (2016). Do patient perceptions of provider communication relate to experiences of physical pain? Talk presented at the International Conference of Communication in Healthcare, Heidelberg, Germany.
50. McCullough, M., Kim, B., **Ruben, M. A.**, Wang, S., & Fix, G. M. (2016). Direct observation methods for dissemination and implementation research. Workshop presented at Academy Health, Boston, MA.
51. Fix, G. M., Bolton, R. E., Hogan, T. P., Luger, T. M., Barker, A., **Ruben, M. A.**, Roland, R., & Bokhour, B. G. (2016). Implementing personal health planning in VA: Results of a qualitative, multisite evaluation. Talk presented at Academy Health, Boston, MA.
52. Fix, G. M., Bolton, R. E., Solomon, J. S., Luger, T. M., Hogan, T. P., **Ruben, M. A.**, Roland, T., & Bokhour, B. G. (2015). Striking the balance: A case study in exemplary patient-centered communication. Talk presented at American Association for Communication in Healthcare, New Orleans, LA.
53. Blanch-Hartigan, D. & **Ruben, M. A.** (2015) Do providers and caregivers accurately judge patient pain? Results from two meta-analyses. Poster presented at American Association for Communication in Healthcare, New Orleans, LA.
54. McCullough, M., Fix, G. M., Kim, B., Wang, S., & **Ruben, M. A.** (2015). Direct observation methods for health services and implementation research. Workshop presented at HSR&D/QUERI National Conference, Philadelphia, PA.
55. **Ruben, M. A.**, Hall, J. A., & Blanch-Hartigan, D. (2014). The effect of provider communication on a physical pain experience. Symposium organized on the effect of communication on physical pain at the International Conference of Communication in Healthcare, Amsterdam, Netherlands.
56. **Ruben, M. A.**, Hall, J. A., & Blanch-Hartigan, D. (2014). Training improves accurate perception of affect. Poster presented at the annual meeting of the Society of Personality and Social Psychology, Austin, TX.
57. **Ruben, M. A.**, Hall, J. A., Sarinopoulos, I., Hesson-Bartell, A., & Smith, R. (2013). Reciprocity and impact of nonverbal behavior in patient-centered and clinician-centered interactions. Poster presented at the International Conference of Communication in Healthcare, Montreal, Canada.
58. **Ruben, M. A.**, & Hall, J. A. (2013). The proximal and distal predictors of pain detection accuracy. Accepted talk given at Nonverbal Behavior Preconference conducted at the Society for Personality and Social Psychology, New Orleans, LA.
59. **Ruben, M. A.** & Hill, K. M. (2013). Do we know our own kind best: How women's sexual orientation affects judgments of sexual orientation and empathic accuracy. Poster presented at the annual meeting of the Society of Personality and Social Psychology, New Orleans, LA.

60. Hall, J. A., **Ruben, M. A.**, Curtin, E. M., & Ship, A. N. (2012). Test of accurate perception of patients' affect: A new tool for evaluation of clinicians. In J.A. Hall (Chair), *Measurement and Assessment Symposium*. Accepted talk given at European Association for Communication in Healthcare, Scotland, UK.
61. Hall, J. A., **Ruben, M. A.**, Curtin, E. M., & Ship, A. N. (2012). Test of accurate perception of patients' affect: A new tool for evaluation of clinicians. Poster presented at the Nonverbal Behavior Preconference at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
62. Wilson, C. L., **Ruben, M. A.**, Bates, A., Richard, R., Frackowiak, B., Cook, K., & Powell, M. (2012). Attachment-Based recall of social support and acute physical pain. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
63. **Ruben, M. A.**, Hall, J. A., & Schmid Mast, M. (2012). Smiling in a job interview: When less is more. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
64. Hall, J.A., **Ruben, M. A.**, Curtin, E. M., & Ship, A. N. (2012). Test of accurate perception of patients' affect: A new tool for evaluation of clinicians. Poster presented at the Nonverbal Behavior Preconference at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
65. Wilson, C. L., **Ruben, M. A.**, Bates, A., Richard, R., Frackowiak, B., Cook, K., & Powell, M. (2012). Attachment-Based recall of social support and acute physical pain. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
66. **Ruben, M. A.**, & Hall, J. (2011). Smiling in a job interview: When less is more. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Antonio, TX.
67. **Ruben, M. A.** (2011). The expression and detection of physical pain: A lens model approach. Poster presented at the annual meeting of the Society of Personality and Social Psychology, San Diego, CA.
68. Wilson, C. L., **Ruben, M. A.**, Neiman, N., Blacher, K., Silberman, S., Marshall, E., & Belles, C. (2010). A pain in her arm: Attachment, romantic partner support, and the tourniquet procedure. Poster presented at the annual meeting of the Society of Personality and Social Psychology, Las Vegas, NV.

Selected Press Releases and Media Coverage

NPR, BBC World News, WABI, News Center Maine, ABC News, National Post

1. The pain of non-White people goes unheard. Released August 23, 2026 in Marie Claire. <https://www.marieclaire.it/attualita/news-appuntamenti/a73255890/dolore-persone-non-bianche/>
2. Why nobody notices when women are tired...but do when it's a man. Released January 13, 2025. <https://www.thetimes.com/uk/science/article/women-extra-effort-sociable-tiredness-nasa-study-mt0hp89tp>
3. UMaine Study: Frequent Social Media Posters Are Less Likely To Pick Up On Nonverbal Social Cues. Released May 21, 2021 on Maine Public Radio. <https://www.mainepublic.org/health/2021-05-27/umaine-study-frequent-social-media-posters-are-less-likely-to-pick-up-on-nonverbal-social-cues>
4. UMaine study looks into long-term psychological effects of wearing face masks. Released May 5, 2020. <https://www.newscentermaine.com/article/tech/science/umaine-study-looks-into-long-term-psychological-effects-of-wearing-face-masks-coronavirus-covid-19-pandemic/97-71c59138-3039-44a3-a981-c2c57a2fdb1c>
5. How a year of wearing masks and talking on Zoom has changed us. Released March 17, 2021 on ABC News. <https://abcnews.go.com/Health/year-wearing-masks-talking-zoom-changed-us/story?id=76400154>
6. Unmasked: As societal norms change, what wearing a mask might reveal about you, your habits and even how intelligent you are. Released May 19, 2020 in Calgary Herald. <https://calgaryherald.com/news/unmasked-as-societal-norms-change-what-wearing-a-mask-might-reveal-about-you-your-habits-and-even-how-intelligent-you-are/wcm/c6fa65e2-d959-4181-bd3e-211417aa3d9e>
7. As society changes, what wearing a mask might reveal about you and your intelligence. Released May 19, 2020 in National Post. <https://nationalpost.com/news/unmasked-as-societal-norms-change-what-wearing-a-mask-might-reveal-about-you-your-habits-and-even-how-intelligent-you-are>
8. The Face Behind the Mask. Released March 4, 2021 in Connecticut Public Radio. <https://www.ctpublic.org/arts-and-culture/2021-03-04/the-face-behind-the-mask>
9. Studies Show Mask Wearers Believe in Science. Released June 26, 2021. <https://www.nepsy.com/articles/leading-stories/studies-show-mask-wearers-believe-in-science/>
10. Straight People Don't Have 'Gaydar'. Released March 5, 2014 in The Telegraph. <https://www.telegraph.co.uk/news/science/science-news/10678057/Straight-people-dont-have-gaydar.html>
11. Lesbian Gaydar is Real. Released March 5, 2014 in AfterEllen. <https://afterellen.com/lesbian-gaydar-is-real/>

12. Smiling May Hinder Outcomes of Interviews. Released December 4, 2014 in Huntington News. <https://huntnewsnu.com/36129/campus/members-of-the-psychology-department-prove-smiling-may-hider-outcome-of-interviews/>