

CURRICULUM VITAE
SARA ELIZABETH VARGAS, PH.D.

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EDUCATION

Undergraduate Providence College: **Psychology, B.A.**, 2005
Summa Cum Laude

Graduate University of Miami: **Clinical Health Psychology, M.S.**, 2010
Faculty Mentor: Michael Antoni, PhD
Professor of Psychology, University of Miami
Thesis: Does sleep mediate improvements in functional adaptation after a stress management intervention for women with breast cancer?

University of Miami: **Behavioral Medicine, Ph.D.**, 2012
Faculty Mentor: Michael Antoni, PhD
Professor of Psychology, University of Miami
Dissertation: Coping resources and the effects of a cognitive-behavioral stress management intervention among women at different points in breast cancer treatment

POSTGRADUATE TRAINING

Fellowship Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior, Investigator-Funded **Postdoctoral Fellowship**, 2013-2016
Faculty Mentor: Kate Guthrie, PhD
Director, Qualitative Sciences & Methods Training Program
Senior Research Scientist, The Miriam Hospital
Professor of Psychiatry and Human Behavior, Brown Medical School
Professor of Behavioral and Social Sciences, Brown School of Public Health

POSTGRADUATE HONORS AND AWARDS

2023 Education Committee Award, Brown University General Psychiatry Residency, Providence, RI

2021 Outstanding Optimization of Behavioral and Biobehavioral Interventions Award, Optimization of Behavioral and Biobehavioral Interventions Special Interest Group, Society of Behavioral Medicine

ACADEMIC APPOINTMENTS

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|--------------|---|
| 2013-2016 | Postdoctoral Fellow, Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior, Providence, RI |
| 2015-2016 | Training Grant Manager, Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior, Providence, RI |
| 2016-present | Assistant Professor (Research), Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior, Providence, RI |

HOSPITAL APPOINTMENTS

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| 2004-2005 | Research Specialist, The Miriam Hospital Centers for Behavioral and Preventive Medicine, Providence, RI |
| 2005-2007 | Research Assistant, The Miriam Hospital Centers for Behavioral and Preventive Medicine, Providence, RI |
| 2013-2016 | Postdoctoral Research Associate, The Miriam Hospital Center for Behavioral and Preventive Medicine, Providence, RI |
| 2016-present | Research Scientist, The Miriam Hospital Center for Behavioral and Preventive Medicine, Providence, RI |

OTHER APPOINTMENTS

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| 2013-present | <i>Ad-Hoc Reviewer for:</i> <ul style="list-style-type: none">▪ <i>AIDS Care</i>▪ <i>AIDS Research and Human Retroviruses</i>▪ <i>Annals of Behavioral Medicine</i>▪ <i>Archives of Sexual Behavior</i>▪ <i>BMJ Open</i>▪ <i>Health Psychology</i>▪ <i>Heart and Lung</i>▪ <i>Integrative Cancer Therapies</i>▪ <i>International Journal of STDs and AIDS</i>▪ <i>Journal of Communication in Healthcare</i>▪ <i>Journal of the International AIDS Society</i>▪ <i>Patient Preference and Adherence</i>▪ <i>PLoS One</i>▪ <i>Quality of Life Research</i>▪ <i>Sexuality and Culture</i>▪ <i>Social Science and Medicine</i>▪ <i>Therapeutic Advances in Reproductive Health</i> |
| 2022 | Abstract Reviewer, Society of Behavioral Medicine 2023 Annual Meeting |
| 2023-present | Reviewer, Early Career Reviewer (ECR) Program, National Institutes of Health, Bethesda, MD |

UNIVERSITY COMMITTEES

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|--------------|---|
| 2015-2023 | Representative, Women in Psychology Steering Committee, Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior, Providence, RI |
| 2024-present | Selection Committee, Sentio Scholarship in Qualitative and Mixed Methods Research Training, Qualitative Science & Methods Training Program, Providence, RI |

HOSPITAL COMMITTEES

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|--------------|---|
| 2017-2019 | Member, Lifespan Research Information Technology (IT) Council, Lifespan Hospital System, Providence, RI |
| 2021 | Co-Chair, Center for Behavioral and Preventive Medicine Dissemination and Community Task Force, Lifespan Hospital System, Providence, RI |
| 2023-present | Advisory Committee Member, Child and Adolescent Research Training Program for Psychiatry Residents, Rhode Island Hospital, Providence, RI |

MEMBERSHIP IN SOCIETIES

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| Active | Society of Behavioral Medicine |
| Active | International Academy of Sex Research |

PUBLICATIONS

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Morrow, KM, Fava, JL, Rosen, RK, **Vargas**, S, Barroso, C, Christensen, AL, Woodsong, C, & Severy, L. (2007). Willingness to use microbicides is affected by the importance of product characteristics, use parameters, and protective properties. *Journal of Acquired Immune Deficiency Syndromes*, 45(1), 93-101. PMC2628545
2. Morrow, KM, **Vargas**, S, Rosen, RK, Christensen, AL, Salomon, L, Shulman, L, Barroso, C, & Fava, JL. (2007). The utility of non-proportional quota sampling for recruiting at-risk women for microbicide research. *AIDS and Behavior*, 11, 586-595. PMC2628542
3. Morrow, KM Fava, JL, Rosen, RK, Christensen, AL, **Vargas**, S, & Barroso, C. (2007). Willingness to use microbicides varies by race/ethnicity, experience with prevention products, and partner type. *Health Psychology*, 26(6), 777-786. PMC2628547
4. Antoni, MH, Lechner, S, Diaz, A, **Vargas**, S, Holley, H, Phillips, K, McGregor, B, Carver, CS, & Blomberg, B. (2009). Cognitive behavioral stress management effects on psychosocial and physiological adaptation in women undergoing treatment for breast cancer. *Brain, Behavior, & Immunity*, 23, 580-591. PMC2722111
5. **Vargas**, S, Wohlgemuth, WK, Antoni, MH, Lechner, SC, Holley, HA, & Carver, CS. (2010). Sleep dysfunction and psychosocial adaptation among women undergoing treatment for non-metastatic breast cancer. *Psycho-Oncology*, 19, 669-673. PMC2880210

6. Morrow, KM, Rosen, RK, Salomon, L, Woodsong, C, Severy, L, Fava, JL, **Vargas**, S, & Barroso, C. (2011). Using integrated mixed methods to develop behavioral measures of factors associated with microbicide acceptability. *Qualitative Health Research*, 21, 987-999. PMC4594875
7. Lechner, SC, Ennis-Whitehead, N, Robertson, BR, **Vargas**, S, Carver, CS, & Antoni, MH. (2013). Adaptation of a psycho-oncology intervention for black breast cancer survivors: Project CARE. *The Counseling Psychologist*, 41, 186-215. PMC4275843
8. Fava, JL, van den Berg, JJ, Rosen, RK, Salomon, L, **Vargas**, S, Christensen, AL, Pinkston, M, & Morrow, KM. (2013). Measuring self-efficacy to use vaginal microbicides: The Microbicide Use Self-Efficacy instrument. *Sexual Health*, 10, 339-347. PMC4563864
9. Morrow, KM, Fava, JL, Rosen, RK, **Vargas**, S, Shaw, JG, Kojic, EM, Kiser, PF, Friend, DR, Katz, DF, and The Project LINK Study Team. (2014). Designing preclinical perceptibility measures to evaluate topical vaginal formulations: Relating user perceptions and experience to formulation properties. *AIDS Research and Human Retroviruses*, 30, 78-91. PMC3931431
10. Morrow, KM, Underhill, K, van den Berg, JJ, **Vargas**, S, Rosen, RK, & Katz, D. (2014). User-identified gel characteristics: A qualitative exploration of perceived product efficacy of topical vaginal microbicides. *Archives of Sexual Behavior*, 43, 1459-1467. PMC4327860
11. Lechner, SC, Ennis-Whitehead, N, **Vargas**, S, Annane, DW, Robertson, BR, Carver, CS, Kobetz-Kerman, E, & Antoni, MH. (2014). Does a community-based stress management intervention affect psychological adaptation among underserved black breast cancer survivors? *JNCI: The Journal of the National Cancer Institute*, 50, 315-322. PMC4411537
12. **Vargas**, S, Antoni, MH, Carver, CS, Lecher, SC, Wohlgemuth, W, Llabre, M, Blomberg, BB, Glück, S, & DerHagopian, RP. (2014). Sleep quality and fatigue after a stress management intervention for women with early-stage breast cancer. *International Journal of Behavioral Medicine*, 21, 971-981. PMC4631117
13. Rosen, RK, van den Berg, JJ, **Vargas**, SE, Senocak, N, Shaw, JG, Buckheit Jr, RW, Smith, KA, & Guthrie (né Morrow), KM. (2015). Meaning-making matters in product design: Users' sensory perceptions and experience evaluations of long-acting vaginal gels and intravaginal rings. *Contraception*, 92, 596-601. PMC4664151
14. Morrow Guthrie, K, **Vargas**, S, Shaw, JG, Rosen, RK, van den Berg, JJ, Kiser, PF, Buckheit, K, Bregman, D, Thompson, L, Jensen, K, Johnson, T, & Buckheit, RW. (2015). The promise of intravaginal rings for prevention: User perceptions of biomechanical properties and implications for prevention product development. *PLOS ONE*. 10: e0145642. PMC4690611
15. **Vargas**, SE, Fava, JL, Severy, L, Rosen, RK, Salomon, L, Shulman, L, & Guthrie, KM. (2016). Psychometric properties and validity of a multi-dimensional risk perception scale developed in the context of a microbicide acceptability study. *Archives of Sexual Behavior*, 45, 415-428. PMC4707104
16. Guthrie, KM, Dunsiger, S, **Vargas**, S, Fava, JL, Rosen, RK, Shaw, JG, Kojic, EM, Kiser, PF, Friend, DR, & Katz, DF. (2016). Perceptibility and the "choice experience": Users' sensory perceptions and experiences inform vaginal prevention product design. *AIDS Research and Human Retroviruses*, 32, 1022-1030. PMC5067921
17. Weld, ED, Hiruy, H, Guthrie, KM, Fava, JL, **Vargas**, SE, Buckheit, K, Buckhait, R, Spiegel, H, Breakey, J, Fuchs, EJ, & Hendrix, CW. (2017). A comparative pre-phase I study of the impact of gel vehicle volume on distal colon distribution, user experience, and acceptability. *AIDS Research & Human Retroviruses*, 33, 440-447. PMC5439405
18. Guthrie, KM, Rosen, RK, **Vargas**, SE, Guillen, M, Steger, AL, Getz, ML, Smith, KA, Ramirez, JJ, & Kojic, EM. (2017). User input in iterative design for prevention product development. *Drug Delivery & Translational Research*, 7, 761-770. PMC6103777
19. Guthrie, KM, Rohan, L, Rosen, RK, **Vargas**, SE, Shaw, JG, Katz, D, Kojic, EM, Ham, AS, Friend, D, Buckheit KW, & Buckheit, RW Jr. (2017). Vaginal film for prevention of HIV: Using visual and tactile evaluations among potential users to inform product design. *Pharmaceutical Development & Technology*, 23, 311-314. PMC5740013
20. Guthrie, KM, Rosen, RK, **Vargas**, SE, Getz, ML, Dawson, L, Guillen, M, Ramirez, JJ, Baum, MM, & Vincent, KL. (2018). User evaluations offer promise for pod-intravaginal ring as a drug delivery platform:

- A mixed methods study of acceptability and use experiences. *PLoS One*, 13(5), e0197269. PMC5951541
21. Vincent, KL, Moss, JA, Marzinke, MA, Hendrix, CW, Anton, PA, Pyles, RB, Guthrie, KM, Dawson, L, Olive, T, Butkyavichene, I, Churchman, SA, Cortez, Jr., JM, Fanter, R, Gunawardana, M, Miller, CS, Yang, F, Rosen, RK, **Vargas**, SE, & Baum, MB. (2018). Safety and pharmacokinetics of single, dual, and triple antiretroviral drug formulations delivered by pod-intravaginal rings designed for HIV-1 prevention: A Phase I trial. *PLoS Medicine*, 15(9), e1002655. PMC6161852
 22. Banerjee, D*, **Vargas**, SE*, Guthrie, K, Allahua, M, Whittenhall, ME, Klinger, JR, Palmisciano, AJ, & Ventetuolo, CE. (2018). Sexual health and health-related quality of life in pulmonary hypertension. *Pulmonary Circulation*, 8(4), 2045894018788277. ***shared first authorship** PMC6102766
 23. **Vargas**, SE, Midoun, MM, Guillen, M, Getz, ML, Underhill, K, Kuo, C, Guthrie, KM, and other members of the Project WISH Research Team. (2019). A qualitative systematic review of women's experiences using contraceptive vaginal rings: Implications for new technologies. *Perspectives on Sexual and Reproductive Health*, 51(2), 71-80. PMC6662569
 - **Vargas**, SE, Midoun, MM, Guillen, M, Getz, ML, Underhill, K, Kuo, C, Guthrie, KM, and other members of the Project WISH Research Team. (2019). A qualitative systematic review of women's experiences using contraceptive vaginal rings: Implications for new technologies. *International Perspectives on Sexual and Reproductive Health*, 45, 24-34. (**invited republication**) PMC8075325
 24. Lu, CF, **Vargas**, SE, Guillen, M, Ramirez, JJ, Carbone, SJ, Getz, ML, Frimpong, Y, Smith, KA, Shaw, JG, Tong, I, Hill, M, Berry, RE, & Guthrie, KM. (2019). A qualitative study of the contraceptive effect on women's sexual experiences: Beyond hormonal effects. *Obstetrics & Gynecology*, 134(1), 91-101. PMC6599677
 25. **Vargas**, SE, Norris, C, Landoll, R, Crone, B, Clark, MF, Quinlan, J, & Guthrie, KM. (2020). Interventions to improve sexual and reproductive health in US active duty military service members: A systematic review. *American Journal of Health Promotion*, 34, 538-548. PMID: N/A
 26. Carbone, SL, Guillen, M, Ramirez, JJ, **Vargas**, SE, Lu, CF, Getz, ML, Frimpong, Y., Smith, KA, Stout, C, Tong, I, Hill, M, Berry, RE, Harrison, A, & Guthrie, KM. (2020). 'I feel like a person has a right to use a product to protect themselves...': A qualitative study of the risk-benefit calculus on women's contraceptive use and choice. *Sexual Health*, 17, 262-269. PMC8853632
 27. Guthrie, KM, Fava, JL, **Vargas**, SE, Rosen, RK, Shaw, JG, Kojic, EM, Ham, AS, Rohan, LC, Katz, D, Panameño, A, Colleran, C, Friend, DF, Buckheit, KW, & Buckheit, RW, Jr. (2020). The role of volume in the perceptibility of topical vaginal formulations: User sensory perceptions and experiences of heterosexual couples during vaginal sex. *AIDS Research and Human Retroviruses*, 36(12), 1059-1070. PMC7703150
 28. McCarthy, ML, Reece, R, **Vargas**, SE, Johnson, J, Adelson-Mitty, J, & Flanigan, T. (2020). Lessons learned from a Rhode Island academic out-patient Lyme and tick-borne disease clinic. *Rhode Island Medical Journal*, 103(10), 51-55. PMC7985660
 29. **Vargas**, SE, McCarthy, M, Boudreau, M, Canfield, D, Reece, RM, & Flanigan, T. (2021). Characterizing the symptoms of patients with persistent post-treatment Lyme symptoms: A survey of patient at a Lyme disease clinic in Rhode Island. *Rhode Island Medical Journal*, 104(3), 53-57. PMID: N/A
 30. **Vargas**, SE, Guillen, M, McCarthy, M, Canfield, D, & Flanigan, T. (2021). Characterizing post-treatment Lyme disease syndrome: A mixed methods study of patients at a Lyme disease clinic in Rhode Island. *Rhode Island Medical Journal*, 104(8), 30-34. PMID: N/A
 31. Landoll, RR,* **Vargas**, SE,* Samardzic, KB, Clark, MF, Guthrie, KM, & Quinlan, JD. (2022). The preparation phase in multiphase optimization strategy (MOST): A systematic review and introduction of a reporting checklist. *Translational Behavioral Medicine*, 12(2), 291-303. PMID: N/A ***shared first authorship**
 32. Guthrie, KM, Rosen, RK, Guillen, M, Ramirez, JJ, **Vargas**, SE, Fava, JL, Ham, AS, Katz, DF, Cu-Uvin, S, Tumilty, S, Smith, KA, Buckheit, KW, & Buckheit, RW, Jr. (2022). Designing dual compartment HIV prevention products: Women's sensory perceptions and experiences of suppositories for rectal and vaginal use. *AIDS Research and Human Retroviruses*, 38(7), 601-610. PMC9297320

33. Yee, DC, Banerjee, D, **Vargas**, SE, Allahua, M, Whittenhall, ME, Perry, N, Ventetuolo, CE, Guthrie, KM. (2022). Sexual health-related quality of life in women with pulmonary arterial hypertension: Compensating for loss. *Annals of the American Thoracic Society*, 19(7), 1122-1129. PMC9278632
34. Nigrovic, LE, Chun, TH, **Vargas**, S, Caffrey, AR, Halperin, J, Race, JA, Ott, U, Morrison, BL, Fuller, BJ, VanBuren, JM, & Pedi Lyme Net. (2023). Comparative effectiveness and complications of intravenous ceftriaxone compared with oral doxycycline in Lyme meningitis in children: A multicentre prospective cohort study. *BMJ Open*, 13(2), e071141. PMC9980370
35. Delamerced, J, Ramirez, L, Kimberly, JA, **Vargas**, S*, Flanigan, TP, Sanchez, MC, & Bruciati, K. (2023). Going to the source: Discussions with early and mid-career faculty from groups underrepresented in biomedical research to develop and enhance CFAR services. *Journal of Acquired Immune Deficiency Syndrome* (supplement), 94(2S), S108-S115. ***methods advisor/consultant**
36. Mickel, SA, Coats, CS, **Vargas**, S*, Rogers, B, Almonte, A, & Chan, PA. (2023). Exploring sexual health and risk of sexually transmitted infections among gender diverse individuals. *International Journal of Transgender Health*, 1-13. ***methods advisor/consultant**
37. **Vargas**, SE, Tao, J, Almonte, A, Ramirez, L, & Chan, PA. (2024). Increasing incidence of gonorrhea at an urban STI clinic in the United States. *RI Medical Journal*, 107(3), 26-31.
38. Inderstrod, J, Stryczek, KC, **Vargas***, SE, Hooker, TR, Crawford, JN, & Mattocks, KM. (2024). Facilitators and Barriers to Breastfeeding Among Veterans Using Veterans Affairs Maternity Care Benefits. *Women's Health Issues*, 34(3), 309-316. ***methods advisor/consultant**
39. **Vargas**, SE, Landoll, RR, Guthrie, KM, Quinlan, J, Clark, MF, Obuseh, F, & Ozemoya, A. (2024). Enhancing Mission Wellness: Iterative optimization and stakeholder engagement to promote sexual and reproductive health in the United States military. *Military Medicine*, 189 (Suppl 3), 306-313.
40. Tsao, HS, Sutcliffe, T, Wang, C, **Vargas***, SE, Day, C, & Brown, LL. (2024). Barriers and enablers in prehospital pediatric analgesia. *Prehospital Emergency Care*, Nov, 1-13. ***methods advisor/consultant**
- Vargas**, SE, Thornton, K, Norris, C, Gist, G, Clark, MF, Ramirez, L, Guillen, M, Guthrie, K, & Landoll, RR. (2025). Sexual and reproductive health in military settings: A qualitative study. *Military Psychology*, 4, 1-10. ***methods advisor/consultant**
41. Murphy, M, Gomes, N, Kane, K, Rich, J, Chan, PA, Goldsamt, L, Ahluwalia, J, Guthrie, K, Ramsey, S, & **Vargas**, SE. (in press). Developing an ethical framework for the conduct of HIV prevention research among people who inject drugs experiencing incarceration: A qualitative study. *Harm Reduction Journal*. ***methods advisor/consultant**

MANUSCRIPTS UNDER REVIEW

1. Yeo, AJ, McQuaid, EL, Cushman, GJ, **Vargas**, SE, Jandasek, B, Pearlman, DN, & Koinis-Mitchell, D. (revise and resubmit). Community-engaged, multi-method needs assessment to improve asthma care implementation: The Rhode Island Asthma Integrated Response (RI-AIR) Program. *Clinical Practice in Pediatric Psychology*.
2. Landoll, RR, Ryan, S, Iwuagwu, R, Clark, MF, & **Vargas***, SE. Perceptions of the Military Health System: Differences in sexual and reproductive health burden among males and females. *Military Medicine*. ***senior author**

BOOK CHAPTERS

1. Carver, CS, & **Vargas**, S. (2010). Coping and health. In A. Steptoe (Ed.), *Handbook of Behavioral Medicine: Methods and Applications*. New York: Springer.
2. Carver, CS, & **Vargas**, S. (2011). Stress, coping, and health. In HS. Friedman (Ed.), *The Oxford Handbook of Health Psychology*. New York: Oxford University Press.

ABSTRACTS

1. Morrow, KM, Fava, JL, Rosen, RK, Christensen, A, **Vargas**, S and Barroso, C. (2006, April). Willingness to use vaginal microbicides varies by race/ethnicity, partner type, and experience with vaginal products. Talk presented at Microbicides 2006 Conference, Cape Town, South Africa.
2. Morrow, KM, Rosen, RK, Mayer, KH, Malankowski, L, El-Sadr, W.M., **Vargas**, S, & Barroso, C. (2006, April). The effects of formulation factors on vaginal microbicide acceptability: A meta-analysis of qualitative data from three phase I clinical trials in the United States. Poster presented at Microbicides 2006 Conference, Cape Town, South Africa, Africa.
3. Morrow, KM, **Vargas**, S, Rosen, RK, Barroso, C, Christensen, A, & Fava, JL. (2006, May). Community partnership and quota sampling: Recruiting at-risk women for research. Poster presented at Centers for Disease Control & Prevention National STD Prevention Conference, Jacksonville, FL.
4. Morrow, KM, Rosen, RK, Henderson, M, **Vargas**, S, Barroso, C, & Katz, D. (2008, February). Co-optimizing vaginal microbicide gel acceptability and vaginal deployment. Poster presented at Microbicides 2008 Conference, New Delhi, India.
5. Holley, HA, Phillips, KM, **Vargas**, S, Lechner, SC, Carver, CS, Rodriguez, JM, & Antoni, MH. (2008, March). "I feel strange being treated for cancer": The role of social isolation perceptions on depression in breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
6. Phillips, KM, Holley, HA, **Vargas**, S, Lechner, SC, Carver, CS, Rodriguez, JM, & Antoni, MH. (2008, March). Behavioral intervention-related changes in anxiety and distress over 18-month follow-up among breast cancer patients. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
7. **Vargas**, S, Wohlgemuth, WK, Phillips, KM, Holley, HA, Lechner, SC, Carver, CS, Rodriguez, JM, & Antoni, MH. (2008, March). The association between sleep duration and latency with psychosocial outcome variables among women with Stage 0-III breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA.
8. **Vargas**, S, Holley, HA, Llabre, M, Carver, CS, Rodriguez, JM, Lechner, SC, & Antoni, MH. (2009, April). Stress and quality of life: The mediational role of a breast cancer symptom cluster. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada.
9. **Vargas**, S, Wohlgemuth, WK, Holley, HA, Lechner, SC, Carver, CS, Rodriguez, JM, & Antoni, MH. (2009, April). Preliminary findings for the mediational role of sleep in a CBSM intervention study for women with breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Quebec, Canada.
10. **Vargas**, SV, Antoni, MH, Wohlgemuth, WK, Lechner, SC, Stagl, J, Rodriguez, JM, & Carver, CS. (2010, April). Improvements in sleep quality and functional outcomes after a cognitive-behavioral stress management intervention for women undergoing treatment for breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.
11. Stagl, JM, Antoni, MH, Fekete, EM, **Vargas**, SV, Lechner, S, & Carver, CS. (2010, April). Cognitive-behavioral stress management and increased physical activity associated with lower fatigue-associated disruption in women with breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA.
12. Morrow, KM, Rosen, RK, **Vargas**, S, Barroso, C, Kiser, P, & Katz, D. (2010, May). User-identified vaginal gel characteristics: A qualitative exploration of perceived product efficacy. Poster presented at Microbicides 2010 Conference, Pittsburgh, PA.
13. Stagl, JM, Diaz, A, Blomberg, BB, Lechner, SC, Carver, CS, **Vargas**, S, Lattie, E, & Antoni, MH. (2011, March) Effects of Brief Stress Management on Neuroendocrine and Immune Status in Women Undergoing Treatment for Non-Metastatic Breast Cancer. Presented at the Annual Meeting of the American Psychosomatic Society, San Antonio, TX.
14. Stagl, JM, Diaz, A, Blomberg, BB, Lechner, SC, Carver, CS, **Vargas**, S, Lattie, E, & Antoni, MH. (2011, March) Diurnal Cortisol Dysregulation, Interleukin-1 Beta, Mood States, and Partner Status in Women

Undergoing Treatment for Non-Metastatic Breast Cancer. Presented at the Annual Meeting of the American Psychosomatic Society, San Antonio, TX.

15. **Vargas**, S, Antoni, M, Carver, C, Lechner, S, Stagl, J, Lattie, E, & Rodriguez, J. (2011, April). A dismantling study of brief stress management intervention effects on quality of life among women undergoing treatment for non-metastatic breast cancer. Talk presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.
16. Stagl, JM, **Vargas**, S, Antoni, M, Lechner, S, & Carver, C. (2012, February). Does partnership status moderate the benefits of a stress management intervention on quality of life for women with non-metastatic breast cancer? Poster presented at American Psychosocial Oncology Society Conference, Miami, FL.
17. Lechner, SC, Whitehead, NE, Annane, D, Robertson, B, Antoni, MH, Kobetz-Kerman, E., Phillips, A, **Vargas**, S, Hazan, G, & Carver, C. (2012, February). Acceptability and feasibility of an evidence-based stress management intervention adapted for black breast cancer survivors. Talk presented at American Psychosocial Oncology Society Conference, Miami, FL.
18. Lattie, E, Stagl, J, **Vargas**, S, Carver, C, Lechner, S, & Antoni, M. (2012, April). Cognitive behavioral stress management and intrusive thoughts in women with breast cancer: Exploring moderators. Talk presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.
19. Stagl, JM, Antoni, MH, Lechner, S, Lewis, JE, **Vargas**, S, Gluck, S, & Carver, C. (2012, April). How are physical activity, depression, and functional quality of life related after surgery for non-metastatic breast cancer? Poster presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.
20. Stagl, JM, Antoni, MH, Lechner, S, Lewis, JE, **Vargas**, S, Gluck, S, & Carver, C. (2012, April). Physical activity adds to the effects of stress management intervention on fatigue interference, depression, and functional quality of life during treatment for breast cancer. Poster presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.
21. **Vargas**, S, Lechner, SC, Annane, DW, Robertson, BR, Carver, CS, & Antoni, MH. (2013, March) Depressive symptoms and intrusive thoughts predict poorer self-reported sleep quality among Black breast cancer survivors. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
22. Lechner, SC, **Vargas**, S, Ennis-Whitehead, N, Annane, DW, Robertson, BR, Carver, CS, & Antoni, MH. (2013, March). Cancer-related benefit finding is associated with psychosocial outcomes among underserved Black breast cancer survivors. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
23. **Vargas**, S, Lechner, SC, Annane, DW, Robertson, BR, Carver, CS, & Antoni, MH. (2013, March). A cancer symptom cluster is associated with subjective social status among Black breast cancer patients. Poster presented at the annual meeting of the American Psychosomatic Society, Miami, FL.
24. Morrow, KM, Rosen, RK, **Vargas**, S, Katz, D, Fava, J, Kojic, EM, Friend, D, Rohan, L, Ham, A, & Buckheit, R. (2014, October). More...? Less...? Just right...? The role of perceived volume in gel and film perceptibility during intercourse, and its impact on product preference. Poster presented at the 2014 meeting of HIV Research for Prevention, Cape Town, South Africa.
25. **Vargas**, S, Guthrie, KM, Guillen, M, Getz, M, & Midoun, M. (2016, March). Supporting the contraceptive and menstrual needs of our female troops: Updated systematic review and implications. Talk presented at the 2016 annual meeting of the Society of Behavioral Medicine, Washington, DC.
26. Guthrie, KM, Fava, JL, **Vargas**, SE, Guillen, M, Getz, ML, Rosen, RK, Smith, KA, Breakey, J, Fuchs, E, Ham, A, Weld, E, Katz, D, Hendrix, C, Buckheit, K, & Buckheit, R, Jr. (2016, October). Measuring sensory experiences elicited by product properties during receptive anal sex: Implications for prevention design and marketing. Poster presented at the 2016 HIV Research 4 Prevention meeting, Chicago, IL.
27. Guthrie, KM, **Vargas**, SE, Rosen, RK, Dawson, LN, Getz, ML, Guillen, M, Smith, KA, Baum, MM, & Vincent, KL. (2016, October). Initial feasibility, acceptability, and user experience of a multi-drug pod-IVR: A mixed methods study. Poster presented at the 2016 HIV Research 4 Prevention meeting, Chicago, IL.

28. Guthrie, KM, **Vargas**, SE, Guillen, M, Rosen, RK, Steger, A, Getz, ML, Smith, KA, & Woodrow, KA. (2016, October). Incorporation of early end-user feedback into the iterative design of fiber-based microbicides: Considering adherence from inception. Poster presented at the 2016 HIV Research 4 Prevention meeting, Chicago, IL.
29. Katz, DF, Ham, A, Smith, J, Guthrie, KM, Simons, M, Gao, Y, Peters, J, Yuan, A, Henderson, M, Pereira, L, Singletary, T, Fava, JL, **Vargas**, SE, Buckheit, K, Murtha, A, Buckheit, RW. (2016, October). Do Microbicide Gel Volume and Properties Matter?: Effects on Deployment, PK and User Sensory Perceptions and Experiences. Presented at International HIV Research for Prevention (HIV R4P) Conference, Chicago, IL, USA.
30. Katz, DF, Simons, M, Peters, J, DeSoto, M, Henderson, M, Wax, A, Spiegel, H, Singletary, T, Fava, JL, **Vargas**, SE, Guthrie, KM. (2016, October). Vaginal Gel Surface & Coating Thickness Distribution Using Novel Optical Imaging and Correlation with User Sensory Perception/experience (USPE) Scales. Presented at International HIV Research for Prevention (HIV R4P) Conference, Chicago, IL, USA.
31. **Vargas**, SE, Landoll, R, Clark, M, Guthrie, KM, & Quinlan, J. (2019, March). Sexual and reproductive health interventions for active duty military personnel. Paper presented at the 2019 annual meeting of the Society of Behavioral Medicine, Washington, DC.
32. **Vargas**, SE, Boudreau, M, McCarthy, M, Canfield, D, Reece, RM, & Flanigan, T. (2019, March). Chronic Lyme patients report levels of fatigue similar to patients with other chronic illness: A symptom survey study. Poster presented at the 2019 annual meeting of the Society of Behavioral Medicine, Washington, DC.
33. Lu, CF, **Vargas**, SE, Guillen, M, Ramirez, J, Carbone, S, Frimpong, YS, & Guthrie, KM. (2019, May). Beyond hormonal impact: a qualitative analysis of the intravaginal ring (IVR) on women's sexual experiences. Poster presented at the 2019 annual meeting of the American College of Obstetricians and Gynecologists.
34. Samardzic, KB, Landoll, RR, **Vargas**, SE, Clark, MF, Quinlan, JD, Guthrie, KM, & Crone, B. (2019, May). Interviews in sexual and reproductive health: An expanded approach to the preparation phase in a Multiphase Optimization Strategy study. Poster presented at the Uniformed Services University Research Days.
36. Landoll, RR, **Vargas**, SE*, Samardzic K, Clark MF, Crone B, Witkop, C, Jorgensen, S, Arnold, E, Austin, K, Jones, G, Gray, A, Carey, MP, Quinlan, JD, & Guthrie, KM. (2019, August). Optimizing a multi-modal intervention to reduce health-risking sexual behavior: Qualitative narratives. Paper presented at the Military Health System Research Symposium, Kissimmee, FL. **Vargas is presenting author*
37. Guillen, M, et al. (2020, April). Initial feasibility, acceptability, and user experience of a multi-drug pod-IVR: A mixed methods study. Poster presented at the 2020 annual meeting of the Society of Behavioral Medicine, San Francisco, CA.
38. **Vargas**, S, & Puranam, S. (2020, October). Engaging providers and administrators: Using participatory research to champion patient portal adoption and use. Talk presented at the 2020 The Patient, The Practitioner, and The Computer: Promoting Healing Relationships in the Age of Technology, Providence, RI.
39. Thornton, KB, **Vargas**, SE, Clark MF, Quinlan, JD, & Landoll, RR. (2021, April). Using a multiphase optimization strategy to build cultural competence: An e-health intervention for military service members. Research talk presented at the 2021 annual meeting of the Society of Behavioral Medicine, Virtual Conference.
40. **Vargas**, SE, Landoll, RR, Samardzic, KB, Clark, MF, & Guastaferrero, K. (2021, April). Help wanted! Developing checklists to support the reporting and implementation of the multiphase optimization strategy (MOST). Research talk presented at the 2021 annual meeting of the Society of Behavioral Medicine, Virtual Conference. ***Optimization of Behavioral and Biobehavioral Interventions 2021 Abstract Award Winner***
41. **Vargas**, SE, Guillen, M, Clark, MF, Guthrie, KM, & Landoll, RR. (2021, August). Meeting the postpartum needs of active-duty service members: The current state and opportunities for research. Poster presentation at the Military Health System Research Symposium, Kissimmee, FL.

42. **Vargas**, SE, Almonte, A, & Chan, P. (2022, June). Characterizing rates of gonorrhea infection at a STD clinic: Longitudinal trends by demographics and sexual behavior. Research talk presented at the Rhode Island IDeA Network of Biomedical Research Excellence (RI-INBRE) Conference, Providence, RI.
43. Gist, G, **Vargas**, S, & Landoll, R. (2023, February). Identifying Areas of Needed Educational Resources and Interventions: A Targeted Approach to Improving Sexual and Reproductive Healthcare in United States Military Servicemembers. Poster presented at the Maryland Academy of Family Physicians (MDAFP) Annual Meeting, Annapolis, MD.
44. Landoll, RR, **Vargas**, SE, Guthrie, KM, Quinlan, J, Clark, MF, Obuseh, F, & Ozemoya, A. (2023, August). Achieving Tactical and Strategic Synergy in Optimizing Reproductive Health Care for Active-Duty Service Women: The Military Active-Duty Reproductive + Sexual Health (MARSH) Research Program and the Multiphase Optimization Strategy (MOST). Poster presented at the Military Health System Research Symposium, Kissimmee, FL.
45. Gomes, N, **Vargas**, SE, Kane, K, Rich, J, Goldsamt, LA, Ahluwalia, J, Guthrie, K, Ramsay, S, & Murphy, M. (2024, April). Developing an ethical framework for the conduct of HIV prevention research among people who inject drugs experiencing incarceration: A qualitative study. Poster presented at the Brown University School of Public Health Research Day, Providence, RI.
46. Iwuagwu, R, **Vargas**, SE, Bennion, L, Clark, MF, & Landoll RR. (2024, May). Perceptions of sexual and reproductive health (SRH) information sources, knowledge, and attitudes among active-duty service members. Poster presented at the Uniformed Services University Research Days, Bethesda, MD.
47. **Vargas**, SE, & Ramirez, L. (2024, June). Assessing the integration of comprehensive sexual health histories at clinical practices in the Providence metropolitan area. Poster presented at the 9th National IDeA Symposium of Biomedical Research Excellence (NISBRE) Conference, Washington, DC.
48. Landoll, RR, Ryan, S, Iwuagwu, R, Clark, MF, & **Vargas***, SE. (2024, August). Perceptions and engagement with the Military Health System: Exploring gender dynamics and the reproductive health burden on women. Research talk presented at the Military Health System Research Symposium, Kissimmee, FL. **Vargas is presenting author*
49. Gomes, N, **Vargas**, S, Kane, K, Jack, H, Callen, E, Goldsamt, L, Guthrie, K, Ramsey, S, & Murphy, M. (2024, October). Ethical research compensation practices for research in the carceral setting: A qualitative study of men with a history of injection drug use experiencing incarceration. Poster presented at the International Network on Health and Hepatitis in Substance Users, Athens, Greece.

INVITED PRESENTATIONS

REGIONAL

1. **Vargas**, S. (2014, Dec 19). Qualitative Research Methods, Guest Lecture. Postdoctoral Academic Seminar, Warren Alpert Medical School of Brown University, Department of Psychiatry and Human Behavior (Providence, RI).
2. **Vargas**, SE. (2017, Apr 6). TMH Foundation and Board of Trustees special meeting: Focus on research supported by The Miriam Hospital, Research Presentation. The Miriam Hospital (Providence, RI).
3. **Vargas**, SE. (2017, Dec 7). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
4. **Vargas**, SE. (2018, Mar 26). Health and Behavior, Guest Lecture. Psych 71 Clinical Methods, Department of Psychology, Tufts University (Medford, MA).
5. **Vargas**, SE. (2019, Feb 21). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).

6. **Vargas, SE.** (2020, Feb 20). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
7. **Vargas, SE.** (2020, Dec 2). Qualitative Science and Methods Training Program: Panelist. Center for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
8. **Vargas, SE.** (2021, Feb 18). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI – remote).
9. **Vargas, SE.** (2021, Feb 23). Addressing sexual health disparities in the US military, Guest Lecture. CPSY 5848 Evidence-Based Practice for Military-Related Health Disparities, Graduate School of Professional Psychology, University of Denver (Denver, CO – remote).
10. **Vargas, SE.** (2022, Feb 10). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
11. **Vargas, SE.** (2023, Jan 12). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
12. **Vargas, SE.** (2024, Mar 7). Qualitative Research Methods, Seminar Leader. Behavioral Medicine Seminar for Residents, Centers for Behavioral and Preventive Medicine, The Miriam Hospital (Providence, RI).
13. Landoll, RR, & **Vargas, SE.** (2024, Mar 12). App-based Intervention to Improve ADSM Sexual Health and Prevent STIs: The MARSH Research Program. Uniformed Services University Infectious Disease Clinical Research Program 2024 Science Symposium (Bethesda, MD).

NATIONAL

1. **Vargas, SE.** (2021, May 11-12). The MARSH Research Program: Scalable, Efficient, User-Centered, VA/DoD Innovation Practices Presentation. Virtual Health Policy and Planning Meeting, VA/DOD Health Executive Committee (HEC) Women's Health Work Group (virtual).
2. Landoll, RR & **Vargas***, SE. (2022, Jan 4 and 6). Mission Wellness: Sexual health education and intervention on demand: Spotlight presentation. Charting the Course to a Healthier Force, Army Public Health Center (virtual). **Presenter Jan 6*
3. **Vargas, SE** & Landoll, RR. (2022, Jan 27). The Multiphase Optimization Strategy (MOST) Preparation Reporting (PREP-REP) Checklist. Society of Behavioral Medicine Grand Rounds (virtual).
4. **Vargas, SE,** & Thornton, K. (2022, June 16). Sexual and Reproductive Health in Military Settings. Society of Behavioral Medicine Grand Rounds (virtual).

INTERNATIONAL

1. **Vargas, SE,** & Ventetuolo, C. (2024, April 29). Navigating Sex and Intimacy While Living with Pulmonary Hypertension. Pulmonary Hypertension Association of Canada Webinar Series (virtual).

GRANTS

CURRENT GRANTS

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| COBRE Pilot (Vargas, PI) <i>Assessment of sexual trauma, health, and functioning histories in routine clinical care</i> Pilot Award Amount: \$50,000 (pilot) | NIH/NIGMS | 2/1/24-01/31/25 |
| TSNRP (Wilson, PI) <i>Leveraging the Mission Wellness mobile application to support career and family planning in US service members</i> Total Award Amount: \$573,622 Role: co-founder and civilian collaborator for the Military Active-Duty Reproductive and Sexual Health (MARSH) research program at the Uniformed Services University (USU) and <u>subaward principal investigator</u> | DOD/USU | 01/01/24-08/31/24 |
| DCPH-P (Crawford, PI) <i>Optimizing a multi-modal intervention to reduce health-risking sexual behavior</i> Total Award Amount: \$554,000 Role: co-founder and civilian collaborator for the Military Active-Duty Reproductive and Sexual Health (MARSH) research program at the Uniformed Services University (USU) and <u>subaward principal investigator</u> | DOD/USU | 09/25/23-09/24/25 |
| R01AI151180 (Nigrovic, PI) <i>Comparative effectiveness of oral doxycycline versus intravenous ceftriaxone for the treatment of childhood Lyme meningitis</i> Total Award Amount: \$2,729,268 Role: co-investigator and qualitative methodologist | NIH/NIAID | 09/01/21-08/31/26 |
| P20 GM139767 (Stroud, PI) <i>COBRE for Stress, Trauma, and Resilience (STAR)</i> Total Award Amount: \$11,077,551 Role: co-investigator and mixed methodologist | NIH/NIGMS | 09/15/21-07/31/26 |
| U54GM115677 (Rounds, PI) <i>Advance Clinical and Translational Research (Advance-CTR)</i> Total Award Amount: \$19,488,101 Role: mixed methodologist | NIH/NIGMS | 07/01/16-07/31/26 |
| R25 MH101076 (Tyrka, PI) <i>Promoting Research Training During Psychiatry Residency</i> Total Award Amount: \$1,840,778 Role: co-investigator and <u>subaward principal investigator</u> | NIH/NIMH | 07/01/20-06/30/25 |
| T32 HD101392 (Stroud & Tyrka, MPI) <i>Research Training in Childhood Stress, Trauma, and Resilience</i> Total Award Amount: \$1,676,997 Role: co-investigator and program evaluator | NIH/NICHD | 05/01/20-04/30/25 |

COMPLETED GRANTS

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| R43 HD108823 (Kushiro, PI) <i>User-based identification of preferred design features for a non-hormonal contraceptive vaginal ring</i> | NIH/NICHD | 09/01/22-08/31/24 |
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Total Award Amount: \$259,499

Role: subaward principal investigator and mixed methodologist

NMCPH (Crawford, PI) **DOD/USU** 10/1/20-04/01/24

Optimizing a multi-modal intervention to reduce health-risking sexual behavior

Total Award Amount: \$240,000

Role: co-founder and civilian collaborator for the Military Active-Duty Reproductive and Sexual Health (MARSH) research program at the Uniformed Services University (USU) and subaward principal investigator

**Annual funding that is expected to renew for a minimum of 2 additional years pending federal budget approval*

COBRE Pilot (Vargas, PI) **NIH/NIGMS** 07/01/21-07/31/23

Parent Award: 5P20GM121344-03 (Mylonakis, PI)

Antimicrobial susceptibility testing and whole genome sequencing of Neisseria gonorrhoeae in Rhode Island: connecting isolate profiles with patient geography and behavior

Pilot Award Amount: \$208,514

U01 HL138677 (McQuaid/Koinis-Mitchell, MPI) **NIH/NHLBI** 08/15/17-07/31/23

Rhode Island Asthma Integrated Response Program (RI-AIR)

Total Award Amount: \$7,999,307

Role: co-investigator and process evaluation team leader

AN 4011257 (Landoll, PI; Vargas, Sub-PI) **DOD/USU** 08/01/17-06/30/23

Optimizing a multi-modal intervention to reduce health-risking sexual behavior (funded by the Military Women's Health Research Consortium)

Total Award Amount: \$1,173,000

Role: co-founder, civilian collaborator, and subaward principal investigator for the Military Active-Duty Reproductive and Sexual Health (MARSH) research program at the Uniformed Services University (USU)

Jenesis Outcomes Award™ (Vargas, PI) **United Therapeutics** 01/01/19-12/31/22

Health-related quality of life: patient-focused strategies for measuring and improving sexual health and functioning among patients with pulmonary arterial hypertension

Total Award Amount: \$100,000

Supplemental (Vargas, PI) **Brown DPHB** 01/01/22-08/30/22

Total Award Amount: \$6,629

Seed Grant (Vargas, PI) **RI Foundation** 04/01/18-12/31/19

Defining Chronic Lyme Symptoms and Quality of Life to Develop Future Interventions

Total Award Amount: \$16,000

U19 AI113048 (Baum, PI; Guthrie, Sub-PI) **NIH/NIAID** 08/11/14-07/31/19

Systematic Development of Antiretroviral Intravaginal Rings for HIV Prevention

Role: mixed methodologist

Seed Grant (Vargas, PI) **TMH Foundation** 10/01/16-12/31/18

Promoting the use of the MyLifespan patient portal at the Ob-Gyn Associates midwifery practice: Provider and patient perspectives

Total Award Amount: \$46,827

U19 AI101961 (Buckheit, PI; Guthrie, Sub-PI) **NIH/NIAID** 06/01/12-05/31/18

Development and Evaluation of Dual Compartment Combination Microbicides

Role: mixed methodologist

K24 HD062645 (Guthrie, PI)

NIH/NICHD

04/01/12-03/31/18

Advancing Reproductive Health: Qualitative Methods & Interdisciplinary Mentorship

Role: mentee and mixed methodologist

TEACHING ROLES

TEACHING AND TRAINING

Instruction in traditional classroom or structured training program settings

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|--------------|---|
| 2007-2008 | Teaching Assistant; Introduction to Psychology & Social Psychology, University of Miami, Department of Psychology, Coral Gables, FL |
| 2009 | Instructor; Introduction to Psychobiology, University of Miami, Department of Psychology, Coral Gables, FL |
| 2010-2011 | Supervisor; Advanced Assessment Practicum, University of Miami, Department of Psychology, Psychological Services Center, Coral Gables, FL |
| 2015-2018 | Special Lecturer; Introduction to Psychology, Providence College, Providence, RI |
| 2020-present | Faculty Trainer; Qualitative Science & Methods Training Program (QSMTP), Department of Psychiatry & Human Behavior, Alpert Medical School of Brown University, Providence, RI |

MENTORSHIP

Formal provision of one-on-one guidance, advice, and support to promote professional development

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| 2017-2018 | Thesis Co-Chair: Exploring eHealth Literacy and Portal User Satisfaction: A Systematic Review and Qualitative Study in a Women's Health Clinic in Providence, RI; Mentee: Rachel Ruiz, Brown University School of Public Health |
| 2018-2019 | Undergraduate Research Advisor; Advisee: Colby Norris, Bryant University |
| 2023-present | Thesis Chair: User Experiences of Physical Activity Ecological Momentary Assessment Delivered Through Mobile Application; Mentee: Domenic Angelino, Brown University School of Public Health |
| 2023-present | Thesis Reader: How Sources of Sexual and Reproductive Health (SRH) Information Relate to SRH Knowledge and Attitudes Among Active-Duty Service Members; Mentee: 1LT Richard Iwuagwu, Uniformed Services University of the Health Sciences Department of Medical and Clinical Psychology |

ADVISING AND COLLABORATION

Ongoing collaborative guidance and support

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| 2017-2019 | Informal Advisor; Sravanthi Puranam, Medical Student, Brown University |
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| 2021-2022 | Informal Advisor; LTJG Kade Thornton, Graduate Student, Uniformed Services University of the Health Sciences Department of Medical and Clinical Psychology |
| 2021-2023 | Informal Collaborator; Jill Inderstrod, PhD, MPH, Medical Informatics Fellow, US Department of Veterans Affairs |
| 2022-2023 | Formal Collaborator; Providence/Boston Center for AIDS Research (CFAR) |
| 2022-2023 | Informal Advisor; Sam Mickel, Medical Student, Brown University |

CONSULTATION

Direct or indirect provision of services or expertise to advance the goals of a research project or program

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| 2015-2016 | Qualitative Consultant; The Gordon School, East Providence, RI |
| 2020 | Qualitative Consultant; Hoi See Tsao, MD (Fellow), prehospital pediatric pain management study, Brown University, Providence, RI |
| 2021-2022 | Qualitative Consultant; Kimberly Chapman, PhD (Fellow) and Geoffrey Tremont, PhD, dementia caregiver study, Brown University, Providence, RI |
| 2023-2025 | Faculty Consultant; Biostatistics, Epidemiology, Research Design, and Informatics (BERDI) Core, Lifespan, Providence, RI |
| 2021-present | Methodologist and Faculty Consultant; Stress, Trauma, and Resilience (STAR) COBRE Technology, Assessment, Data, and Analysis Core, The Miriam Hospital |
| 2022-present | Faculty Consultant; Advance Rhode Island Clinical and Translational Research (Advance RI-CTR) Qualitative Research Methods Core, Brown University |
| 2024-present | Consultant and Qualitative Trainer; UNC Institute for Global Health and Infectious Diseases, UNC School of Medicine, Chapel Hill, NC and Centre for Infectious Disease Research in Zambia (CIDRZ), Lusaka, Zambia <i>Training UNC- and Zambia-based team to conduct focus groups</i> |

DIVERSITY, EQUITY, AND INCLUSION WORK

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| 2014 | Lechner, SC, Ennis-Whitehead, N, Vargas , S, Annane, DW, Robertson, BR, Carver, CS, Kobetz-Kerman, E, & Antoni, MH. (2014). Does a community-based stress management intervention affect psychological adaptation among underserved black breast cancer survivors? <i>JNCI: The Journal of the National Cancer Institute</i> , 50, 315-322. PMC4411537 |
| 2021 | Vargas , SE. Addressing sexual health disparities in the US military, Guest Lecture. CPSY 5848 Evidence-Based Practice for Military-Related Health Disparities, Graduate School of Professional Psychology, University of Denver (Denver, CO – remote). |
| 2023 | Informal Advisor; Sam Mickel, Medical Student, Brown University |

Product: Mickel, SA, Coats, CS, **Vargas**, S*, Rogers, B, Almonte, A, & Chan, PA. (2023). Exploring sexual health and risk of sexually transmitted infections among gender diverse individuals. *International Journal of Transgender Health*, 1-13. **methods advisor/consultant*

- 2023 Formal Collaborator; Providence/Boston Center for AIDS Research (CFAR) Diversity, Equity, and Inclusion Pathway Initiative (DEIPI)
Product: Delamerced, J, Ramirez, L, Kimberly, JA, **Vargas**, S, Flanigan, TP, Sanchez, MC, & Bruciati, K. (2023). Going to the source: Discussions with early and mid-career faculty from groups underrepresented in biomedical research to develop and enhance CFAR services. *Journal of Acquired Immune Deficiency Syndrome* (supplement), 94(2S), S108-S115. **methods advisor/consultant*
- 2024 Participant; Brown University Office of Institutional Equity and Diversity, 5-week DEI Curricular Framework, Providence, RI
- 2025 Collaborator; Matthew Murphy, Brown Medicine
Product: Murphy, M, Gomes, N, Kane, K, Rich, J, Chan, PA, Goldsamt, L, Ahluwalia, J, Guthrie, K, Ramsey, S, & **Vargas**, SE. (in press). Developing an ethical framework for the conduct of HIV prevention research among people who inject drugs experiencing incarceration: A qualitative study. *Harm Reduction Journal*. **methods advisor/consultant*

COMMUNITY SERVICE

- 2017-2018 Volunteer Grant Coordinator, Thomas Willett Elementary School Parent Teacher Organization, Attleboro, MA
- 2018-2020 Parent Member, Falls Elementary School Parent Teacher Organization, North Attleboro, MA
- 2019-2020 Volunteer Grant Coordinator, Falls Elementary School Parent Teacher Organization, North Attleboro, MA
- 2021-2023 Parent Volunteer, Girl Scouts of Southeastern New England, Troop 4066, North Attleboro, MA
- 2021-2023 Volunteer, Fuel for the Weekend Program (providing food delivery to local students experiencing food insecurity), Our Open Umbrella, North Attleboro, MA
- 2022-2023 Parent Member, Falls Elementary School Parent Teacher Organization, North Attleboro, MA
- 2022-2023 Volunteer, Pave Your Path (resources for women living in poverty), Attleboro, MA
- 2023-present Volunteer, Gaithersburg Cares Hub (providing food delivery to local families experiencing food insecurity), Gaithersburg, MD