





Lauren A. Zimmaro, Ph.D.

Assistant Professor, University of Colorado School of Medicine

 lauren.zimmaro.phd@gmail.com  @DrLaurenZimmaro  www.laurenzimmaro.com  lauren-zimmaro

EDUCATION

- 2018** **Clinical Psychology Internship (Medical Psychology Track), Duke University Medical Center, Durham, NC**
- 2018** **Ph.D., Clinical Psychology, University of Louisville, Louisville, KY**
- 2015** **M.A., Clinical Psychology, University of Louisville, Louisville, KY**
- 2010** **B.A., Psychology, Wake Forest University, Winston-Salem, NC**

CLINICAL AND RESEARCH AREAS

Psychosocial and Biobehavioral Oncology · Intervention Development and Evaluation
Mindfulness, Yoga, and Meditation · Distress and Resilience · Couples and Intimate Partnerships

HIGHLIGHTS RELATED TO RESEARCH AND CLINICAL PSYCHOLOGY

- Externally-funded research from NCI, NIH Loan Repayment Program, U54 pre-pilot, and T32 appointee including
- Current K08 NCI grant funding: “Addressing Colorectal Cancer-Related Distress: Developing and Evaluating a Couple-Based Mindfulness Intervention”
- 24 peer-reviewed publications (7 first-authored) in high-impact journals (e.g. Cancer; JNCCN; Mindfulness; Brain, Behavior, & Immunity; Psycho-Oncology)
- Works cited > 630 times (per Google Scholar)
- Biomarker/wet lab experience and training
- Licensed Clinical Psychologist
- Specialized Clinical Health Psychology training in psycho-oncology, fertility, sleep medicine, and sexual health
- Training and experience in delivering and providing supervision for evidence-based interventions such as CBT, ACT, DBT, and mindfulness-based interventions
- Registered Yoga Instructor (200-RYT) with advanced training in yoga, mindfulness, and meditation, especially for people with cancer

ACADEMIC APPOINTMENTS & EMPLOYMENT

- 2022 – Present** **Assistant Professor (Tenure-Track)**
Department of Medical Oncology, School of Medicine, University of Colorado, *Aurora, CO*
- 2018 – 2022** **Senior Postdoctoral Associate**
Cancer Prevention and Control Program, Fox Chase Cancer Center, *Philadelphia, PA*
- 2017 –2018** **Clinical Psychology Intern (Medical Psychology Track)**
Dept. of Psychiatry & Behavioral Science, Duke University Medical Center, *Durham, NC*
- 2013 – 2017** **Graduate Research Fellow and Research Project Coordinator**
Biobehavioral and Mindfulness Research Laboratory, Department of Psychological & Brain Sciences, University of Louisville, *Louisville, KY*
- 2010 – 2013** **Research Assistant**
National Institute of Neurological Disorders and Stroke (NINDS), National Institutes of Health, *Bethesda, MD*; Center for Neuroscience Research, Department of Neuropsychology, Children’s National Medical Center, *Washington, DC*

LICENSES AND CERTIFICATIONS

2021 – Present **Licensed Clinical Psychologist** (Pennsylvania License Number: PS019203)
2018 – Present **Registered Yoga Instructor** (RYT-200) (Yoga Alliance ID: 227801)

HONORS & AWARDS

2022 Meritorious Postdoctoral Award, *Society for Behavioral Medicine*
2020 Fox Chase Cancer Center Trainee Spotlight, *Fox Chase Cancer Center Office of Academic Affairs, Philadelphia, PA*
2019 The Stacy Tessler Lindau Trainee Research Awardee, *Scientific Network on Female Sexual Health in Cancer, Columbus, OH*
2017 Stanley A. Murrell Scientist-Practitioner Award Finalist, *University of Louisville, Department of Psychological and Brain Sciences*
2017 Excellence in Research Award (Doctoral Level), *University of Louisville, Department of Psychological and Brain Sciences*
2015 “Best Student Poster” Award, *World Congress on Psycho-Oncology, Washington, DC*
2015 Excellence in Research Award (Masters Level), *University of Louisville, Department of Psychological and Brain Sciences*
2015 Research Presentation Selected for Press Release, *American Psychosomatic Society, Savannah, GA*
2014 Student Spotlight Award, *University of Louisville, School of Interdisciplinary and Graduate Studies*
2011 First Place winner, Clinical Research Abstract: Post-Doc category, *Children’s National Medical Center Research Day, Washington, DC*
2011 First Place winner, Clinical Research Abstract: Trainee category, *Children’s National Medical Center Research Day, Washington, DC*
2010 Magna Cum Laude, *Wake Forest University*
2010 Phi Beta Kappa Honor Society, *Wake Forest University*
2010 Psi Chi Psychology Honor Society, *Wake Forest University*
2009, 2014 Golden Key International Honour Society
2006 - 2010 Dean’s List, *College of Arts and Sciences, Wake Forest University*

PUBLICATIONS

Original articles: Peer-Reviewed Journals

1. Reese, J.B., El-Jawahri, A., Sorice, K., Cruz, C., Bober, S.L., Daly, M.B., **Zimmaro, L.A.**, Beach, M.C., Wittenberg, E., Wolff, A.C., Handorf, E., & Lepore, S.J., (2022). Impact of the COVID-19 Pandemic on Breast Cancer Clinicians’ Communication about Sexual Health. *Supportive Care in Cancer*, 30(7): 5801-5810.
2. Reese, J.B., **Zimmaro, L.A.**, McIlhenny, S., Sorice, K., Porter, L.S., Zaleta, A.K., Daly, M.B., Cribb, B., Gorman, J.R. (2022). Coping with Changes to Sex and Intimacy after a Diagnosis of Metastatic Breast Cancer: Results from a Qualitative Investigation with Patients and Partners. *Frontiers in Psychology*, 13, 864893.
3. **Zimmaro, L.A.**, Sorice, K.A., Handorf, E., Daly, M.B., & Reese, J.B. (2022). Understanding clinical communication about mood in breast cancer patients: A mixed methods analysis. *Patient Education and Counseling*, 105(7), 2089–2095.
4. **Zimmaro, L.A.**, Moss, A., Reibel, D.K., Handorf, E., Reese, J.B., & Fang, C. (2021). A Telephone-Adapted Mindfulness-Based Stress Reduction Program: Preliminary Effects among Healthcare Employees. *Behavioral Sciences*, 11(10), 139.

5. Reese, J.B., **Zimmaro, L.A.**, Bober, S.L., Sorice, K., Handorf, E., Wittenberg, E., El-Jawahri, A., Beach, M.C., Wolff, A.C., Daly, M.B., Izquierdo, B., & Lepore, S.J. (2021). Mobile Technology-based (mLearning) Intervention to Enhance Breast Cancer Clinicians' Communication about Sexual Health: A Pilot Trial. *Journal of the National Comprehensive Cancer Network, 19*(10), 1133-1140.
6. Siwik, C., Phillips, K., **Zimmaro, L.A.**, Salmon, P., Sephton, S.E. (2021). Depressive symptoms among patients with lung cancer: Elucidating the roles of shame, guilt, and self-compassion. *Journal of Health Psychology, 27*(5), 1039–1047.
7. **Zimmaro, L.A.**, Deng, M., Handorf, E., Fang, C.Y., Denlinger, C.S, Reese, J.B. (2021). Understanding benefit finding among patients with colorectal cancer: A longitudinal study. *Supportive Care in Cancer, 29*, 2355-2362.
8. Reese, J.B., Sorice, K.A., Pollard, W.R., **Zimmaro, L.A.**, Beach, M.C., Handorf, E., Lepore, S.J. (2020). Understanding sexual help-seeking for women with breast cancer: What distinguishes women who seek help from those who do not? *The Journal of Sexual Medicine, 17*(9), 1729-1739.
9. Bayley-Veloso, R., Szabo Y.Z., Cash, E., **Zimmaro, L.A.**, Siwik, C., Kloecker, G., Salmon, P., can der Gryp, K., & Sephton, S.E. (2020). The association between history of traumatic events and health-related quality of life among lung cancer patients. *Journal of Psychosocial Oncology, 38*(5), 627-634.
10. Reese, J. B., Sorice, K. A., **Zimmaro, L. A.**, Lepore, S. J., & Beach, M. C. (2020). Communication about Sexual Health in Breast Cancer: What Can We Learn from Patients' Self-Report and Clinic Dialogue? *Patient Education and Counseling, 103*(9), 1821-1829.
11. **Zimmaro, L.A.**, Lepore, S.J., Beach, M.C., Reese, J.B. (2020). Patients' Perceived Barriers to Discussing Sexual Health with Breast Cancer Healthcare Providers. *Psycho-Oncology, 29*(7), 1123-1131.
12. Reese, J.B., **Zimmaro, L.A.**, Lepore, S.J., Handorf, E.A., Daly, M.B., Schover, L.R., Stein, K., Kashy, D., Westbrook, K, & Porter, L.S. (2020). Evaluating a Couple-Based Telephone Intervention Addressing Sexual Concerns for Breast Cancer Survivors: Study Protocol of a Randomized Controlled Trial. *Trials, 21*(1), 173.
13. Hicks, A., Siwik, C., Phillips, K., **Zimmaro, L.A.**, Salmon, P., Burke, N., Albert, C., Fields, O., Dorsel, D., Sephton, S.E. (2020). Dispositional Mindfulness is Associated Lower Basal Sympathetic Arousal and Less Psychological Stress. *International Journal of Stress Management, 27*(1), 88-92.
14. **Zimmaro, L.A.**, Carson, J.W., Olsen, M.K., Sanders, L.L., Keefe, F.J., Porter, L.S. (2019). Greater Mindfulness Associated with Lower Pain, Fatigue, and Psychological Distress in Women with Metastatic Breast Cancer. *Psycho-Oncology, 29*(2), 263-270.
15. **Zimmaro, L.A.**, Sephton, S.E., Siwik, C.J., Phillips, K., Rebholz, W.N., Kraemer, H.C., ... & Cash, E. D. (2018). Depressive symptoms predict head and neck cancer survival: Examining plausible behavioral and biological pathways. *Cancer, 124*(5), 1053-1060.
16. Rebholz, W.N., Cash, E., **Zimmaro, L.A.**, Baley-Veloso, R., Phillips, K., Chagpar, A.B., Dhabhar, F. S., Spiegel, D., Bell, B.S., Sephton, S. E. (2018). Distress and QOL in an ethnically diverse sample awaiting breast cancer surgery. *Journal of Health Psychology, 23*(11), 1438-1451.
17. Siwik, C., Hicks, A., Phillips, K., Rebholz, W.N., **Zimmaro, L.A.**, Weissbecker, I., ... & Sephton, S.E. (2017). Impact of coping strategies on perceived stress, depression, and cortisol profiles among gynecologic cancer patients. *Journal of Health Psychology, 25*(7), 993-1003.
18. Altman, J.K., **Zimmaro, L.A.** & Woodruff-Borden, J. (2017). Targeting body compassion in the treatment of body dissatisfaction: A case study. *Clinical Case Studies, 16*(6), 431-445.
19. **Zimmaro, L.A.**, Salmon, P., Naidu, H., Rowe, J., Phillips, K., Rebholz, W.N., Giese-Davis, J., Cash, E., Dreeben, S.J., Bayley-Veloso, R., Jablonski, M.E., Hicks, A., Siwik, C., Sephton, S.E. (2016). Association of dispositional mindfulness with stress, cortisol, and well-being among university undergraduate students. *Mindfulness, 7*(4), 874-885.
20. Cash, E., Sephton, S.E., Chagpar, A.B., Spiegel, D., Rebholz, W.N., **Zimmaro, L.A.**, Tillie, J.M., Dhabhar, F.S. (2015). Circadian disruption and biomarkers of tumor progression in breast cancer patients awaiting surgery. *Brain, Behavior, and Immunity, 48*, 102-114.

21. Cash, E., Salmon, P., Weissbecker, I., Rebholz, W.N, Bayley-Veloso, R., **Zimmaro, L.A.**, Floyd, A., Dedert, E., Sephton, S.E. (2015). Mindfulness meditation alleviates fibromyalgia symptoms in women: Results of a randomized trial. *Annals of Behavioral Medicine*, 49(3), 319-330.
22. Sepeta, L.S., Croft, L., **Zimmaro, L.A.**, Duke, E.S., Terwilliger, V.K., Yerys, B.E., You X., Vaidya, C.J., Gaillard, W.D., Berl, M.M. (2015). Reduced language connectivity in pediatric epilepsy. *Epilepsia*, 56(2), 273-282.
23. Croft, L., Baldeweg, T., Sepeta, L.S., **Zimmaro, L.A.**, Berl, M.M., Gaillard, W.D. (2014). Vulnerability of the ventral language network in children with focal epilepsy. *Brain*, 137(8), 2245-2257.
24. Berl, M.M., **Zimmaro, L.A.**, Khan, O.I., Dustin, I., Ritzl, E., Duke, E.S., Sepeta, L.N., Sato, S., Theodore, W.H., & Gaillard, W.D. (2014). Characterization of atypical language activation patterns in focal epilepsy. *Annals of Neurology*, 75(1), 33–42.

Book Chapters

1. Benedict, C., **Zimmaro, L.A.**, Reese, J.B. (2022). Chapter 5: Intimacy & Sexual Health. In L. Shapira (Ed.), *Essentials of Cancer Survivorship*. Routledge.

Manuscripts in Progress

1. **Zimmaro, L.A.**, Lepore, S. J, Reese, J.B. Mindful Intimacy: A Systematic Review and Meta-Analysis of Mindfulness-Based Interventions for Sexual Health in Patients with Cancer. *Submitting to Clinical Psychology Reviews*.
2. **Zimmaro, L.A.**, Bass, S.B., Hoadley, A., Sorice, K., Reese, J.B. Using Perceptual Mapping to Understand Breast Cancer Patients’ Top Barriers to Discussing Sexual Concerns. *Submitting to Psycho-Oncology*.
3. **Zimmaro, L.A.**, Handorf, E., Deng, M., Fang, C., Jain, R. Computerized dietary assessment in metastatic GI cancer patients: Feasibility and associations with distress and quality of life. *Submitting to Journal of Cancer Survivorship*.
4. **Zimmaro, L.A.**, Burke, N., Sephton, S.E., Salmon, P. Yoga for Cancer Patients: A Systematic Review of Associations with Cortisol. *Submitting to Breast Journal*.

Published Abstracts (* Platform or oral/paper presentation)

1. **Zimmaro, L.A.**, Middleton, D., Sorice, K.A., Dotan, E., Fang, C., Reese, J.B. (2023, April). *Interpersonal Mindfulness: Exploring a Novel Application of Mindfulness in Coping with Colorectal Cancer*. Abstract submitted to the 44th Annual Meeting & Scientific Sessions for the Society of Behavioral Medicine, April 26-29, 2023, Phoenix, AZ.
2. **Zimmaro, L.A.**, Lepore, S.J., Reese, J.B. (2022, November). *Mindfulness-Based Interventions for Sexual Function Among Cancer Survivors: A Systematic Review*. Abstract accepted to the 8th Conference of the Scientific Network on Female Sexual Health and Cancer, November 17-18, New Haven, CT.
3. **Zimmaro, L.A.**, Sorice, K., McIlhenny, S., Gorman, J.R., Adekunle, F., Reese, J.B. (2022, March). *Impact of COVID-19 Pandemic on Women with Metastatic Breast Cancer and Partners: A Preliminary Qualitative Investigation*. Symposium Presentation in “In COVID and in Health: Examining the Impact of COVID-19 Pandemic on Cancer Couples and Caregivers.” 19th Annual American Psycho-Oncology Society Conference, March 9-11, 2022, Portland, Oregon.
4. Reese, J.B., Handorf, E., Sorice, K., Lepore, S.J., **Zimmaro, L.A.**, Zaleta, A., Daly, M.B., Schover, L., Kashy, D., Porter, L.S. (2022, March). *Understanding the Impact of the COVID-19 Pandemic on Relationships and Intimacy in Breast Cancer: Results of a Quantitative Analysis in 64 Couples*. Symposium Presentation in “In COVID and in Health: Examining the Impact of COVID-19 Pandemic on Cancer Couples and Caregivers.” 19th Annual American Psycho-Oncology Society Conference, March 9-11, 2022, Portland, Oregon.
5. ***Zimmaro, L.A.**, Bass, S.B., Hoadley, A., Sorice, K., Reese, J.B. *Using Perceptual Mapping to Understand Breast Cancer Patients’ Top Barriers to Discussing Sexual Concerns*. (2022, April). Paper Presentation at

the Society of Behavioral Medicine 43rd Annual Meeting & Scientific Sessions, April 6-9, 2022, Baltimore, MD.

6. Reese, J.B., **Zimmaro, L.A.**, McIlhenny, S., Sorice, K., Porter, L.S., Zaleta, A.K., Daly, M.B., Gorman, J.S. (2022, April). *Experiences of Sex and Intimacy for Couples Facing Metastatic Breast Cancer: Results from a Qualitative Investigation*. Abstract presented at the Society of Behavioral Medicine 43rd Annual Meeting & Scientific Sessions, April 6-9, 2022, Baltimore, MD.
7. Reese, J.B., Sorice, K., Pollard, W., Cruz, C., **Zimmaro, L.A.**, Adekunle, F., Lepore, S.J., Beach, M.C., Wittenberg, E., Wolff, A., Bober, S.L., El-Jawahri, A., Handorf, E., Daly, M.B. (2021, March). *What Kind of Impact is the Covid-19 Pandemic Having on Breast Cancer Clinicians' Communication about Sexual Health? Results from a Mixed Quantitative and Qualitative Study*. Poster presentation at the American Psychosocial Oncology Society Annual Meeting, March 10-12, 2021. Virtual Conference.
8. **Zimmaro, L.A.**, Sorice, K., Handorf, E., Reese, J.B. (2021, April). *Clinical Communication about Mood During Breast Cancer Outpatient Appointments: A Mixed-Methods Analysis*. Research Spotlight Presentation at Society of Behavioral Medicine's 2021 Annual Meeting & Scientific Sessions, April 12-16, 2021. Virtual Conference.
9. Reese, J.B., Lepore, S.J., **Zimmaro, L.A.**, Sorice, K.A., Adekunle, F., Pollard, W.A., Handorf, E., Daly, M.B., Westbrook, K., Porter, L.S. (2021, April). *Addressing Sexual Concerns in Breast Cancer Survivors: Progress from an Ongoing RCT of a Novel Couple-Based Intervention*. Abstract accepted as part of symposium, "All IN" Together: Innovations in dyadic assessment and interventions across medical settings" at Society of Behavioral Medicine's 2021 Annual Meeting & Scientific Sessions, April 12-16, 2021. Virtual Conference.
10. **Zimmaro, L.A.**, Lepore, S.J., Beach, M.C., Reese, J.B. (2020, October). *Patients' Perceived Barriers to Discussing Sexual Health with Breast Cancer Healthcare Providers*. Virtual Oral Presentation at Fox Chase Cancer Center 25th Annual Trainee Research Day, October 13, Philadelphia, PA.
11. * Reese, J.B., **Zimmaro, L.**, Sorice, K.A., Lepore, S.J., Wittenberg, E., Bober, S.L., Daly, M.B., Wolff, A.C., & Beach, M.C. (2020, June). Development and Evaluation of a Mobile Technology-based (mLearning) Intervention to Enhance Breast Cancer Clinicians' Communication about Sexual Health: Update on the Putnam Scholars Program Project. Oral presentation at the Association for Communication in Healthcare Research Forum, June 26-28, Austin, TX.
12. * **Zimmaro, L.A.**, Beach, M.C., Lepore, S.J., Reese, J.B. (2020, April). *What are Breast Cancer Patients' Beliefs about Discussing Sexual Health with their Providers?* Oral presentation at the Society for Behavioral Medicine 41st Annual Meeting, San Francisco, CA. (Conference Canceled due to COVID-19.)
13. * Reese, J.B., Sorice, K., Pollard, W., **Zimmaro, L.**, Beach, M.C., & Lepore, S.J. (2020, April). *Understanding Sexual Help-Seeking for Women with Breast Cancer: How Do Women Who Seek Help Differ from those Who Do Not?* Accepted for symposium presentation at Society of Behavioral Medicine 41st Annual Meeting and Scientific Sessions, San Francisco, CA.
14. * Reese, J.B., Sorice, K., Pollard, W., **Zimmaro, L.A.**, Beach, M.C., & Lepore, S.L. (2019, November). *Understanding Sexual Help-Seeking for Women with Breast Cancer: How Do Women Who Seek Help Differ from those Who Do Not?* Oral presentation 7th Conference of the Scientific Network on Female Sexual Health and Cancer. November 14-15, Columbus, OH.
15. * **Zimmaro, L.A.**, Izquierdo, B., Beach, M.C., Lepore, S.J., Wittenberg, E., Bober, S.L., Daly, M.B., Reese, J.B. (2019, November). *Developing a Mobile Technology-based (mLearning) Intervention to Enhance Breast Cancer Clinicians' Communication about Sexual Health: Results from Formative Interviews*. Oral presentation at the 7th conference for the Scientific Network on Female Sexual Health and Cancer, November 14-15, Columbus, OH.
16. Reese, J.B., **Zimmaro, L.A.**, Beach, M.C. (2019, October). *How do breast cancer patients understand communication with their clinicians about sexual issues?: A cross-measure analysis*. Submitted for presentation at the 17th International Conference on Communication in Healthcare, San Diego, CA.

17. **Zimmaro, L.A.**, Sorice, K., Reese, J.B. (2019, June). *Understanding clinical communication about mood in breast cancer patients: A mixed-methods analysis*. Poster presentation at the Fox Chase Cancer Center 24th Annual Trainee Research Symposium, Philadelphia, PA.
18. Siwik, C., Phillips, K., **Zimmaro, L.A.**, Cash, E., Hicks, A., Sephton, S.E. (2019, March). *The relationship between shame, guilt, and depressive symptoms and the ameliorative role of self-compassion among lung cancer patients*. Poster presentation at the American Psychosomatic Society 77th Annual Meeting, Vancouver, British Columbia, Canada.
19. **Zimmaro, L.A.**, Handorf, E., Reese, J.B. (2019, March). *Characterizing benefit-finding among patients with colorectal cancer*. Poster presentation at the Society for Behavioral Medicine 40th Annual Meeting, Washington, DC.
20. * Hicks, A., Salmon, P., Rebholz, W., Phillips, K., Siwik, C., **Zimmaro, L.A.**, Cash, E., van der Gryp., K., & Sephton, S. E. (2018, March). *The Role of Self-Compassion in a Stress-Health Pathway*. Paper presentation at the American Psychosomatic Society 76th Annual Meeting, Louisville, KY.
21. * Phillips, K., Siwik, C., Segerstrom, S., **Zimmaro, L.A.**, Rebholz, W., Cash, E., Hicks, A., van der Gryp, K., Sephton, S.E. (2018, March). *Associations between daily affect, intrusive thoughts, and cortisol levels among lung cancer patients*. Paper presentation at the American Psychosomatic Society 76th Annual Meeting, Louisville, KY.
22. * Siwik, C., Segerstrom, S., Phillips, K., Cash, E., Rebholz, W., **Zimmaro, L.A.**, Hicks, A., van der Gryp., K., & Sephton, S. E. (2018, March). *Associations of Actigraphically Measured Daytime Sedentariness and Nighttime Restfulness with Waking and Bedtime Salivary Cortisol Levels*. Paper presentation at the American Psychosomatic Society 76th Annual Meeting, Louisville, KY.
23. Van der Gryp., K., Siwik, C., **Zimmaro, L.A.**, Phillips, K., Rebholz, W., Cash, E., Hicks, A., & Sephton, S. E. (2018, March). *Lung cancer-related distress is associated with elevated mean diurnal cortisol levels*. Poster presentation at the American Psychosomatic Society 76th Annual Meeting, Louisville, KY.
24. Sephton, S.E., Hicks, A., Phillips, K., Siwik, C., Albert, C., **Zimmaro, L.A.**, van der Gryp, K.A., and Salmon, P. (2018, March). *A brief iPod-based mindfulness intervention for undergraduates: Effects on psychological and physiological outcomes*. Poster presentation at the 76th annual meeting of the American Psychosomatic Society in Louisville, KY.
25. * Carson, J.W., Olsen, M.K., Sanders, L., Keefe, F., **Zimmaro, L.A.**, Porter, L.S. (2018, March). *Greater mindfulness associated with lower pain, fatigue, and psychological distress in women with metastatic breast cancer*. Paper presentation at Society for Behavioral Medicine 39th Annual Meeting, New Orleans, LA.
26. Rebholz, W.N., Cash, E., Siwik, C., Phillips, K., Albert, C., **Zimmaro, L.A.**, Dhabhar, F.S., Barve, S., Sephton, S.E. (2017, June). *Pro-inflammatory, Chemotactic, and Anti-Inflammatory Cytokine Responses Associate with HPA, but not SNS, Function in Lung Cancer Patients*. Poster presentation at Psychoneuroimmunology Research Society 24th Annual Meeting, Galveston, TX.
27. Siwik, C., Rebholz, W., Phillips, K., Cash, E., Dhabhar, F.S., Barve, S., **Zimmaro, L.A.**, Sephton, S.E. (2017, June). *Sense of Coherence in Lung Cancer Patients: Association with Coping, Immune Function, and Fatigue*. Poster Presentation at Psychoneuroimmunology Research Society 24th Annual Meeting, Galveston, TX.
28. Cash, E., Rebholz, W., Albert, C., Fields, O., **Zimmaro, L.A.**, Siwik, C., Phillips, K., Sephton, S.E. (2017, June). *Associations between the Prognostics Indicators Rest/Activity Rhythm and Diurnal Cortisol Profiles in Patients with Lung Cancer*. Poster presentation at Psychoneuroimmunology Research Society 24th Annual Meeting, Galveston, TX.
29. Sephton, S.E., Cash, E., **Zimmaro, L.A.**, Rebholz, W.N., Albert, C., Fields, O., Siwik, C., Phillips, K. (2017, June). *An iPod-based adaptation of MBSR for lung cancer: Associations of usage with depressive symptoms and behavioral and endocrine circadian markers*. Poster presentation at Psychoneuroimmunology Research Society 24th Annual Meeting, Galveston, TX.

30. **Zimmaro, L.A.**, Segerstrom, S., Cash, E., Siwik, C., Phillips, K., Rebholz, W., & Sephton, S. E. *Moderating role of mindfulness on daily affect and cortisol in lung cancer patients*. (2017, March). Poster presentation at the American Psychosomatic Society 75th Annual Scientific Conference, Seville, Spain.
31. Hicks, A.M., Salmon, P., Phillips, K., **Zimmaro, L.A.**, Siwik, C., Bayley-Veloso, R., Cash, E., Sephton, S.E. (2016, March). *The Role of Mindfulness in Stress and Depression of Undergraduate Students*. Poster presentation at the American Psychosomatic Society 74th Annual Scientific Conference, Denver, CO.
32. Siwik, C.J., Phillips, K., **Zimmaro, L.A.**, Bayley-Veloso, R., Hicks, A.M., Cash, E., Salmon, P., Sephton, S.E. (2016, March). *Psychological and Physiological Effects of Problem-focused and Emotional Approach to Coping Styles in Gynecological Cancer Patients*. Poster presentation at the American Psychosomatic Society 74th Annual Scientific Conference, Denver, CO.
33. Phillips, K., Bayley-Veloso, R., **Zimmaro, L.A.**, Siwik, C., Hicks, A.M., Cash, E., Salmon, P., & Sephton, S.E. (2016, March). *Living situation and quality of life among cancer patients*. Poster presentation at the American Psychosomatic Society 74th Annual Scientific Conference, Denver, CO.
34. **Zimmaro, L.A.**, Sephton, S.E. (2015, July). *Psychophysiological pathways of fatigue in lung cancer patients*. Poster presentation at the World Congress on Psycho-Oncology (International Psycho-Oncology Society & American Psychosocial Oncology Society), Washington, DC.
35. Rebholz, W.N., Weissbecker, I., Cash, E., Bayley-Veloso, R., **Zimmaro, L.A.**, Phillips, K., Sephton, S.E. (2015, March). *Diurnal cortisol rhythms and systemic norepinephrine predict gynecologic cancer survival*. Poster presentation at the American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
36. Bayley-Veloso, R., Weissbecker, I., Rebholz, W.N., Cash, E., **Zimmaro, L.A.**, Phillips, K., Salmon, P., Sephton, S.E. (2015, March). *Do traumatic events build resilience and promote survival through social support in gynecologic cancer?* Poster presentation at the American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
37. **Zimmaro, L.A.**, Rebholz, W.N., Cash, E., Bayley-Veloso, R., Phillips, K., Salmon, P., Sephton, S.E. (2015, March). *Optimism as a moderator of psychoneuroimmune pathways in lung cancer patients*. Poster presentation at the American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
38. * Cash, E., Chilton, P., Rebholz, W.N., Bayley-Veloso, R., **Zimmaro, L.A.**, Chagpar, A.B., Spiegel, D., Dhabhar, F.S., Sephton, S.E. (2015, March). *HPA and rest/activity rhythms independently associate with different aspects of inflammatory response in patients awaiting treatment for breast cancer*. Paper presentation at American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
39. Phillips, K., Salmon, P., Patel, H., Rowe, J., Rebholz, W.N., **Zimmaro, L.A.**, Bayley-Veloso, R., Cash, E., Giese-Davis, J., Sonnier, H., Sephton, S.E. (2015, March). *The role of mindfulness in stress and health outcomes in university undergraduate students*. Poster presentation at the American Psychosomatic Society 73rd Annual Scientific Conference, Savannah, GA.
40. Croft, L.J., Baldeweg, T., Sepeta, L., **Zimmaro, L.A.**, Berl, M.M., Gaillard, W.D. (2014, June). *Vulnerability of the ventral language network in children with focal epilepsy*. Poster presentation at the 11th European Congress on Epileptology, Stockholm, Sweden.
41. * Rebholz, W.N., Weissbecker, I., Cash, E., Bayley R., **Zimmaro, L.**, Sephton, S.E. (2014, March). *Distress and support: links with circadian disruption and quality of life in gynecologic cancer*. Paper presentation at the American Psychosomatic Society 72nd Annual Scientific Conference, San Francisco, CA.
42. Bayley, R.C., Dedert, E., Rebholz, W.N., Cash, E., **Zimmaro, L.A.**, Salmon, P., Sephton, S.E. (2014, March). *Recent traumatic events may complicate adjustment to gynecologic cancer*. Poster presentation at American Psychosomatic Society 72nd Annual Scientific Conference, San Francisco, CA.
43. **Zimmaro, L.A.**, Cash, E., Dedert, E., Rebholz, W.N., Bayley, R.C., Salmon, P., Sephton, S.E. (2014, March). *Distress, coping, and support in lung cancer: Gender differences and associations with psychopathology*. Poster presentation at the American Psychosomatic Society 72nd Annual Scientific Conference, San Francisco, CA.

44. * Sephton, S.E., Cash, E., Chagpar, A., Spiegel, D., Rebholz, W.N., Bayley, R.C., **Zimmaro, L.A.**, and Dhabhar, F.S. (2014, March). *Biological correlates of marital status in recently diagnosed breast cancer patients*. Paper presentation at the American Psychosomatic Society 72nd Annual Scientific Conference, San Francisco, CA.
45. Miller, K.L., Berl, M.M., **Zimmaro, L.A.**, Gaillard, W.D. (2012, December). *How are two language fMRI paradigms affected by clinical factors in patients with left hemispheric epilepsy?* Poster presentation at the annual meeting of the American Epilepsy Society, San Diego, CA.
46. **Zimmaro, L.A.**, D'Alfonso, A., Berl, M.M., Sepeta, L.N., Dustin, I., Yaun, A.L., Heiss, J.D., Sato, S., Theodore, W.H., Gaillard, W.D. (2012, December). *Pre and Post Operative Laterality of Language Regions Assessed by fMRI in Temporal Lobe Epilepsy*. Poster presentation at the annual meeting of the American Epilepsy Society, San Diego, CA.
47. Berl, M.M., Fisher, E.L., Sepeta, L.N., **Zimmaro, L.A.**, Tsuchida, T. (2012, December). *Home-based computerized intervention for working memory in pediatric epilepsy*. Poster presentation at the annual meeting of the American Epilepsy Society, San Diego, CA.
48. Sepeta, L.N., Xu, B., Berl, M.M., **Zimmaro, L.A.**, D'Alfonso, A., Theodore, W.H., Gaillard, W.D. (2012, December). *Hippocampal functioning in children and adults with epilepsy*. Poster presentation at the annual meeting of the American Epilepsy Society, San Diego, CA.
49. **Zimmaro, L.A.**, Berl, M.M., Sepeta, L.N., Yerys, B.E., Duke, E.S., Khan, O.I., Ritzl, E.K., Sato, S., Theodore, W.H., Gaillard, W.D. (2011, December). *Atypical Language Localization Patterns in the Epilepsy Population*. Poster presented at the American Epilepsy Society, Baltimore, MD.
50. Duke, E.S., Berl, M.M., **Zimmaro, L.A.**, Khan, O.I., Martinez, A.R., Sato, S., Theodore, W.H., Gaillard, W.D. (2011, December). *Functional Topography of Cerebellar Activation during a Language Task in Patients with Localization-Related Epilepsy*. Poster presented at the annual meeting of American Epilepsy Society, Baltimore, MD.
51. * Sepeta, L.S., Xu, B., **Zimmaro, L.A.**, Berl, M., Gaillard, W.D. (2011, December). *Hippocampal Activation during Preoperative Functional MRI in Children with Epilepsy*. Platform presentation for Pediatric Highlights at the annual meeting of American Epilepsy Society, Baltimore, MD.
52. Stokum, J.A., Berl, M.M., Yerys, B., Dustin, I., Khan, O.I., **Zimmaro, L.A.**, Duke, E.S., Martinez, A.R., Sato, S., Theodore, W.H., Gaillard, W.D. (2011, December). *Functional Network Connectivity in Patients with Left Temporal Lobe Epilepsy*. Poster presentation at American Epilepsy Society, Baltimore, MD.
53. **Zimmaro, L.A.**, Duke, E.S., Berl, M.M., Khan, O.I., Sato, S., Theodore, W.H., Gaillard, W.D. (2011, October). *Atypical Language Patterns in Childhood Onset Epilepsy*. Poster presented at the annual meeting of Child Neurology Society, Atlanta, GA.
54. Sepeta, L.S., **Zimmaro, L.A.**, Duke, E.S., Berl, M.M., Yerys, B.E., VanMeter, J., Vaidya, C.J., Gaillard, W.D. (2011, August). *Functional Connectivity of Language Activation in Childhood Focal Epilepsy*. Poster presented at the meeting of International League Against Epilepsy, Rome, Italy.

GRANT FUNDING

Current Funding

K08 NCI Mentored Clinical Scientist Research Career Development Award (1 K08 CA267313-01A)

Project Title: Addressing Colorectal Cancer-Related Distress: Developing and Evaluating a Couple-Based Mindfulness Intervention

Role: PI, 100% effort

Duration: 08-12-2022 – 06-30-2027 (5 years)

Amount: \$907,659

Status: Awarded (Resubmission date: Nov 12, 2021 PA-20-202 Impact Score=20; Initial submission Feb 2021, Impact Score=29)

R01 CA222124 (PI: Reese)

National Cancer Institute, NIH

*Title: Addressing Sexual Concerns in Breast Cancer Survivors: RCT of a Novel Couple-Based Intervention**Role: Postdoctoral Associate**Duration: 9/4/2018 – 8/31/2023***RSG-20-029-01-CPPB (PI: Reese)**

American Cancer Society

*Title: Sexual Quality of Life Intervention for Couples Facing Metastatic Breast Cancer**Role: Clinical Supervisor of Interventionist**Duration: 9/1/2020 – 8/31/2024***Completed Funding****U54 Pre-Pilot Health Disparities Research Grant (U54 CA221705, PIs: Ma, Erblich, Issa, Ogunwobi)***TU-FCCC/HC Regional Comprehensive Cancer Health Disparity Partnership (NIH U54 CA221705)**Title: Evaluating a biobehavioral model of distress and resilience among racially diverse colorectal cancer patients**Role: Awardee**Duration: 1 year (July 2020 – July 2021)**Amount: \$9,500***T32 Postdoctoral Fellowship (T32CA009035, PI: Chernoff)***NCI Funded; Fox Chase Cancer Center**Role: Postdoctoral Trainee**Duration: 2 years (Aug 2018 – Aug 2020)**Amount: 100% salary support via stipend***NIH Loan Repayment Program (1 L30CA242823-01)***NCI Funded, National Institutes of Health, Bethesda, MD**Role: Awardee**Duration: 2 years (July 2019 – July 2021)**Amount: Remaining Student Loans*

OTHER FUNDING & SCHOLARSHIPS

- 2013 – 2017** Doctoral Research Fellowship Recipient (*Full Tuition and Stipend*), University of Louisville, School of Interdisciplinary and Graduate Studies
- 2016** Yoga Teacher Training Scholarship Recipient (*\$1500*), Kentucky Yoga Initiative, Louisville, KY
- 2014, 2015** Graduate School Counsel Research Funding Award for Travel (*\$700*), University of Louisville, School of Interdisciplinary and Graduate Studies
- 2014** Graduate Student Union Research Funding Award (*\$100*), University of Louisville, School of Interdisciplinary and Graduate Studies
- 2009** Undergraduate Summer Research Fellowship Recipient (*\$4000*), Wake Forest University, Department of Biology

PROFESSIONAL MEMBERSHIPS

- 2021 – Present** Member, Fox Chase Cancer Center Board of Associates, Young Professionals Chapter
- 2021 – Present** Member, Society for Integrative Oncology (SIO)
- 2020 – Present** Member, Society for Health Psychology (APA Division 38)
- 2020 – Present** Member, American Psychological Association (APA)
- 2019 – Present** Member, Scientific Network on Female Sexual Health and Cancer

2018 – Present	Member, American Psychosocial Oncology Society (APOS)
2017 – Present	Member, Society for Behavioral Medicine (SBM)
2015 – Present	Member, International Positive Psychology Association, Health Division (IPPA)
2014 – Present	Member, American Psychosomatic Society (APS)

PROFESSIONAL SERVICE

External

2022 – Present	Mindfulness Expert Consultant, Pennsylvania Breast Cancer Coalition
2021 – Present	Communications Committee, Cancer SIG, Society for Behavioral Medicine
2019 – Present	Postdoctoral Peer Support Committee, Society for Behavioral Medicine
2019 – Present	Abstract Submission Reviewer for Annual Conference, Society for Behavioral Medicine

Ad Hoc Journal Peer Reviewer (in order of frequency over past five years):

1. Mindfulness (Total=17 reviews; 2021: 4, 2020: 3, 2019: 8, 2018+: 2)
2. Supportive Care in Cancer (Total=9 reviews; 2022: 2; 2021: 4; 2020: 3)
3. Journal of Clinical Psychology in Medical Settings (Total=8 reviews; 2022: 1, 2021: 1, 2020: 1, 2019+: 5)
4. Health Psychology (Total=5 reviews; 2021: 1, 2020: 1, 2019: 1, 2018: 2)
5. Psycho-Oncology (Total=4 reviews; 2021: 3, 2020: 1)
6. Annals of Behavioral Medicine (Total=3 reviews; 2020: 3)
7. PLoS Medicine (Total=2 reviews; 2020: 2)
8. Translational Behavioral Medicine (Total=2 reviews; 2022: 2)
9. Journal of Adolescent and Young Adult Oncology (Total=2 reviews; 2020:1, 2019: 1)
10. International Journal of Environmental Research and Public Health (Total=2 reviews; 2022: 1; 2021: 1)
11. European Journal of Cancer Care (Total=1 review; 2020: 1)
12. Journal of Health Psychology (Total=1 review; 2016: 1)
13. Journal of Psychosocial Oncology (Total=1 review; 2018: 1)
14. Journal of Psychosomatic Research (Total=1 review; 2020: 1)
15. Health Education Research (Total=1 review; 2022: 1)
16. Journal of Behavior Therapy and Experimental Psychiatry (Total=1 review; 2022: 1)
17. BMC Women's Health (Total=1 review; 2022: 1)

Fox Chase Cancer Center

2021 – Present	Member, Board of Associates, Young Professionals Chapter
2020 – Present	Invited Contributor for Patient Education Seminar Series (e.g., bi-annual webinars), Patient Resource and Education Center
2020	Advocate, Rally for Medical Research Hill Day, Washington, DC
2019 – Present	Invited Yearly Contributor (e.g., seminar presenter) to Trainee Education Programs
2019 – Present	Meet-and-Greet Volunteer for New Students and Trainees, Office of Academic Affairs

Community

2016 – 2017	Outreach Yoga Instructor, Kentucky Yoga Initiative, <i>Louisville, KY</i>
2015 – 2017	Mindfulness Meditation Group Facilitator, Moment of Mindfulness Program, Gilda's Club, <i>Louisville, KY</i>
2015	Mindfulness Meditation Group Facilitator, Get Healthy Now Program, Humana Gym, <i>Louisville, KY</i>
2012 – 2013	Outreach Volunteer, Yoga District Studios, <i>Washington, DC</i>
2011 – 2013	Outreach Yoga Understudy Instructor, Yoga Activist, <i>Washington, DC</i>

INVITED LECTURES & PRESENTATIONS

May 2022	Zimmaro, L.A. (Scheduled: May 25, 2022). <i>Whole-Person Cancer Care: Talking About Mental Health</i> . Lippincott Resource and Education Center (REC); Fox Chase Cancer Center.
April 2022	Zimmaro, L.A. (April 29, 2022). <i>Reducing Distress in Cancer: Moving Toward the Development of Novel Mindfulness-Based Interventions</i> . Invited Talk; Fox Chase Cancer Center.
July 2021, 2022	Zimmaro, L.A. (July 28, 2021; July 20, 2022). <i>How to Publish Scientific Research</i> , Summer Cancer Research Institute Guest Lecture; Fox Chase Cancer Center.
June 2021	Zimmaro, L.A. (June 29, 2021). <i>Tips and Skills for Science Writing</i> , University of Delaware Summer Fellowship Program Guest Lecture; Fox Chase Cancer Center.
May 2021	Zimmaro, L.A. (May 19, 2021). <i>Five Simple Ways to be Mindful and Reduce Stress in Everyday Life</i> , Lippincott Resource and Education Center (REC); Fox Chase Cancer Center.
Aug. 2020	Zimmaro, L.A. (Aug 19, 2020). <i>Mindfulness and Relaxation</i> , Lippincott Resource and Education Center (REC); Fox Chase Cancer Center.
Jan. 2020	Zimmaro, L.A. (Feb 24, 2020). <i>Mindfulness for Cancer Caregivers</i> , Patient-to Patient Network Volunteer Orientation (Caregivers); Fox Chase Cancer Center.
July 2019	Zimmaro, L.A. (July 19, 2019). <i>Becoming a Clinical Health Psychologist</i> , Summer Trainee Program Guest Lecture; Fox Chase Cancer Center.
June 2019	Zimmaro, L.A. (June 18, 2019). <i>Tips and Skills for Science Writing</i> , University of Delaware Summer Fellowship Program Guest Lecture; Fox Chase Cancer Center.
June 2019	Zimmaro, L.A. (June 4, 2019). <i>Understanding Stress and Resilience among Cancer Patients: A Biobehavioral Perspective</i> , Presentation for the Cancer Prevention and Control Program Departmental Monthly Meeting; Fox Chase Cancer Center.
Nov. 2014	Salmon, P.G., Altman, J., Bayley-Veloso, R., Cash, E., Ellsworth, M., Phillips, K., Rebholz, W., Sephton, S., Zimmaro, L.A. (November 1, 2014) <i>A Day of Mindfulness</i> , Workshop for the Alumni Association; University of Louisville, College of Arts and Sciences.
Sept. 2014	Zimmaro L.A. & Salmon, P. (September 9, 2014). <i>Mindfulness and Cancer</i> , Psychosocial Oncology Course Guest Lecture; University of Louisville, School of Social Work.

CAREER DEVELOPMENT ACTIVITIES

*Indicates Dr. Zimmaro applied and was selected for the activity

Select Cancer and Psychosocial Research Trainings

2023	*Selected Alumni Co-Leader of Harvard Medical School Research Methods in Supportive Oncology Workshop; January 22-27, 2023; <i>Harvard Medical School, Boston, MA</i>
2019	*Selected Attendee of Harvard Medical School Research Methods in Supportive Oncology (Previously "Massachusetts General Hospital Workshop on Methods in Supportive Oncology Research"); January 13-18, 2019; <i>Harvard Medical School, Boston, MA</i>

Specialized Mindfulness and Yoga Trainings

2017	*Mindful Yoga for Cancer (50-hour Certification), <i>Duke Integrative Medicine, Durham, NC</i>
2016 – 2017	*Certified Yoga Teacher Training (200-hr Registered Yoga Teacher Certification), <i>502-Power Yoga, Louisville, KY</i>
2010	Trauma-Informed Outreach Yoga Training, <i>Street Yoga and Yoga Activist, Washington, DC</i>

Select Clinical Psychology and Diversity Trainings

- 2017** Cognitive Processing Therapy for PTSD 3-Day Certification Training, *Durham Veterans Affairs Medical Center, Durham NC*
- 2016** Suicide Prevention Seminar, *University of Louisville*
- 2016** Intimate Partner Violence Seminar, *Center for Women and Families, Louisville, KY*
- 2015** LGBTQ* Safe Zone Ally Training, *University of Louisville*
- 2015** Micro Aggressions, Racial Stress, and Trauma Seminar, *University of Louisville*
- 2014** Cultural Competency in Treating Obsessive-Compulsive Disorder Seminar, *University of Louisville*

Select General Professional Skills Trainings

- 2020** *Scientific Writing Course, *Fox Chase Cancer Center*
- 2020** Constructing Your Elevator Pitch, *American Cancer Society*
- 2019** Grant Writing Workshop, *Fox Chase Cancer Center*
- 2019** *Next Level Mentoring: Leadership and Management Course, *Wake Forest University Alumni & Career Development Center*
- 2019** Science Communication and Public Engagement Fundamentals, *American Association for the Advancement of Science (AAAS) & Fox Chase Cancer Center*

CLINICAL PSYCHOLOGY EXPERIENCE

- 2021 – Present** **Licensed Clinical Psychologist** (Pennsylvania License Number: PS019203)
- 2021 – Present** **Clinical Trial Interventionist Supervisor [RSG-20-029-01-CPPB (PI: Reese)]**
Cancer Prevention and Control Program, Fox Chase Cancer Center, *Philadelphia, PA*
- 2018 – Present** **Clinical Trial Study Interventionist [R01 CA222124 (PI: Reese)]**
Cancer Prevention and Control Program, Fox Chase Cancer Center, *Philadelphia, PA*
Licensed Supervisor: Jennifer B. Reese, PhD
- 2017 – 2018** **Medical Psychology Intern (Assessment, Diagnostic Interviewing, Psychotherapy)**
Duke University Medical Center, *Durham, NC*
Duke Cancer Institute (*Licensed Supervisors: Tamara Somers, PhD; Rebecca Shelby, PhD*)
Duke Fertility Center, Department of Obstetrics and Gynecology (*Licensed Supervisor: Julia Woodward, PhD*)
Behavioral Sleep Medicine Clinic (*Licensed Supervisor: Meg Danforth, PhD*)
- 2016 – 2017** **Practicum Student in Health Psychology Diagnostic Interviewing and Assessment**
University of Louisville Physicians Outpatient Center, *Louisville, KY*
Licensed Supervisor: Elizabeth Cash, PhD
- 2015 – 2017** **Mindfulness Meditation Group Facilitator**
Moment of Mindfulness Program, Gilda's Club, *Louisville, KY*
Licensed Supervisor: Paul Salmon, PhD
- 2013 – 2017** **Practicum Student Therapist**
Noble H. Kelley Psychological Services Center, University of Louisville, *Louisville, KY*
Licensed Supervisors: Paul Salmon, PhD (Mindfulness and Acceptance-Based Therapy Team); Janet Woodruff-Borden, PhD (Cognitive-Behavioral Therapy Team)

- 2014 – 2017** **Practicum Student in Diagnostic Interviewing and Assessment**
Noble H. Kelley Psychological Services Center, University of Louisville, *Louisville, KY*
Licensed Supervisors: David Wunsch, PhD; Bernadette Walter, PhD
- 2015 – 2015** **Practicum Student in Health Psychology Diagnostic Interviewing and Assessment**
The Office of David Wunsch, PhD, *Louisville, KY*
Licensed Supervisor: David Wunsch, PhD
- 2015 – 2015** **Mindfulness Meditation Group Facilitator**
Get Healthy Now Program, Humana Gym, University of Louisville, *Louisville, KY*
Licensed Supervisor: Paul Salmon, PhD
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PRESS

Personal Interview and/or Cited Original Research

- Norton, Amy. (2021, Jan 11). *For Many Cancer Patients, Diagnosis Brings Psychological ‘Silver Lining’*. Consumer Health News | Health Day. <https://consumer.healthday.com/12-30-for-many-cancer-patients-diagnosis-brings-a-psychological-benefit-too-2649659536.html>
 - Madera, Joshua D. (2020, Aug 18). *Patient-Reported Barriers to Discussing Sexual Concerns with Health-Care Providers*. JNCCN-360: Breast Cancer. <https://jnccn360.org/breast/medical-literature/patient-reported-barriers-to-discussing-sexual-concerns-with-health-care-providers/>
 - Temple Health News Digest. (2019, Nov 18). *Mindfulness May Help Women Cope with Metastatic Breast Cancer*. <https://www.foxchase.org/news/2019-11-08-Zimmaro-mindfulness-may-help-women-cope-metastatic-breast-cancer>
 - Cancer Research Report. (2019, Dec 31). *Increased Mindfulness Linked to Decreased Metastatic Breast Cancer Symptom Levels*. <https://cancerresearchreport.wordpress.com/>
 - Science Daily. (2018, Jan 22). *Depressive symptoms linked to shorter survival in patients with head and neck cancer*. <https://www.sciencedaily.com/releases/2018/01/180122091323.htm>
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LABORATORY & DATA ANALYTIC SKILLS

- **Quantitative Data Analysis:** Experience in conducting univariate and multivariate analyses, structural equation modeling, survival analyses. Experience using the following statistical software: SPSS, AMOS. Experience in REDCap data capture system.
- **Qualitative Data Analysis:** Experience coding and analyzing qualitative data via Dedoose software
- **Endocrinology:** Experience in collecting, preparing, processing, and preserving human saliva samples. Proficient in cortisol data cleaning and reduction.
- **Immunology:** Experience processing and preserving serum and plasma human blood samples. Experience preparing under sterile technique and preserving human whole blood samples for stimulated immunomodulator analysis.
- **Circadian Rhythms:** Experience in initializing and downloading MicroMini Motionlogger Actiwatches.
- **fMRI:** Experience in independently operating GE 3T fMRI scanner. Experience utilizing Linux OS, and fMRI preprocessing and individual and group analysis through SPM2-8, FSL, and TORTOISE.