

Jamey T. Brumbaugh

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November 2021

Education

Doctor of Philosophy, Clinical Psychology
West Virginia University, Morgantown, WV

August 2019 — Present

Master of Science, Psychology (2021)
West Virginia University, Morgantown WV

December 2021

Bachelor of Science, Biology
Juniata College, Huntingdon, PA

December 2017

- Minor in Psychology
- Certificate in Genomics, Ethics, and Society

Scholarship

Associate Scholar

July 2020 — July 2021

Research Training Program in the Behavioral and Biomedical Sciences
Robert C. Byrd Health Sciences Center, West Virginia University
Ruth L. Kirschstein National Research Service Award, Institutional Training Grant
(T32 GM081741) National Institute of General Medical Sciences, NIH

Grant Activity

[Submitted] PD/PI: *Genetic Literacy and Attitudes about Genetic Testing in Appalachia*
Ruth L. Kirschstein National Research Service Award for Individual Predoctoral Fellows
National Institute of Dental and Craniofacial Research (NIDCR)
National Institutes of Health (NIH), F31
Daniel W. McNeil, PhD, Sponsor, West Virginia University
Mary Marazita, PhD, Co-sponsor, University of Pittsburgh

Articles in Scholarly Journals

3. Nelson, C. I., Wright, C. D., **Brumbaugh, J. T.**, Neiswanger, K., Crout, R. J., Lilly, C. L., Marazita, M. L., & McNeil, D. W. (2021). Predictors of use of dental care by children in north-central Appalachia in the USA. *PLoS ONE*.
2. Wright, C. D., Nelson, C. I., **Brumbaugh, J. T.**, & McNeil, D. W. (2020). The role of distress tolerance as a potential mechanism between anxiety sensitivity and gut-specific anxiety. *International Journal of Behavioral Medicine*, 27(6), 717-725.
1. Chan, J. P., Wright, J. R., Wong, H. T., Ardasheva, A., **Brumbaugh, J.**, McLimans, C., & Lamendella, R. (2019). Using bacterial transcriptomics to investigate targets of host-bacterial interactions in *Caenorhabditis elegans*. *Scientific Reports*, 9(1), 5545.

Book Chapter

1. Selby-Nelson, E. M., Layh, M. C., **Brumbaugh, J. T.**, & McNeil, D. W. (in press). Mental health and treatment considerations for rural communities. In G. J. G. Asmundson (Ed.), *Comprehensive Clinical Psychology* (2nd ed). Elsevier.

Published Abstracts

3. Zhou, Y., McNeil, D. W. , Haworth, S., Dudding, T., Chernus, J. M., Liu, C., Liu, D., Wright, C. D., **Brumbaugh, J. T.**, Randall, C. L., Weyant, R. J., Crout, R. J., Foxman, B., Reis, S., Timpson, N. J., Marazita, M. L., & Shaffer, J. R. (2021, July). Exploring the genetic basis of dental fear and anxiety. [Abstract]. *Journal of Dental Research*, 100.
2. **Brumbaugh, J. T.**, Nelson, C. I., Wright, C. D., McNeil, D. W., Kao, E., Neiswanger, K., Weyant, R. J., Foxman, B., Crout, R. J., Alexander, L., & Marazita, M. L. (2020, March). Toothache and psychological distress in women during and after pregnancy [Abstract]. *Journal of Dental Research*.
1. Shaffer, J. R., McNeil D. W., Zhou, Y., **Brumbaugh J. T.**, Wright, C. D., Randall, C. L., Chernus, J., Foxman, B., Weyant, R., Crout, R. J., & Reis, S. E. (2020, March). Genome-wide scan of dental fear and anxiety nominates novel genes [Abstract]. *Journal of Dental Research*.

Conference Presentations

8. **Brumbaugh, J. T.**, Sokoto, K. C., Hubbard, J., Pugh, A., Alexander, L., & McNeil., D. W. (submitted). Predictors of vaccination intent and status among African Americans in Appalachia [Poster presentation]. Association for Behavioral and Cognitive Therapies, New Orleans, LA.
7. Sokoto, K. C., **Brumbaugh, J. T.**, Pugh, A., Hubbard, J., Dzwil, G., Alexander, L., & McNeil., D. W. (submitted). Associations between child COVID-19 vaccine uptake and medical mistrust among Black/African Americans [Poster presentation]. Association for Behavioral and Cognitive Therapies, New Orleans, LA.
6. Sokoto, K. C., **Brumbaugh, J. T.**, An, J., Polk, D. E., Platt, L., Kao, E. C., Neiswanger, K., Foxman, B., Shaffer, J. R., Marazita, M. L., Alexander, L., & McNeil, D. W. (submitted). Associations between racial discrimination and anxiety/fear in dental settings [Poster presentation]. International Association for Dental Research. (virtual conference)
5. **Brumbaugh, J. T.**, Sokoto, K. C., Hubbard, J., Pugh, A., Alexander, L., & McNeil., D. W. (submitted). Fears/anxieties about dentistry and COVID-19 among African Americans in Appalachia [Poster presentation]. International Association for Dental Research. (virtual conference)
4. **Brumbaugh, J. T.**, Gore, J., Hurley, I., Wright, C. D., Brawley, C., & McNeil, D. W. (2020, November). Expectations for opioid medication in the dental setting [Poster presentation]. Association for Behavioral and Cognitive Therapies. (virtual conference)
3. Brown, H. E., Gore, J., Hurley, I., **Brumbaugh, J. T.**, Nelson, C. I., Brawley, C., & McNeil, D. W. (2020, November). Acute orofacial pain in the context of chronic pain [Poster presentation]. Association for Behavioral and Cognitive Therapies. (virtual conference)
2. **Brumbaugh, J. T.**, Gore, J., Hurley, I., Wright, C. D., Brawley, C., & McNeil, D. W. (2020, October). Pain-relieving medication expectation among dental patients [Poster presentation].

International Association for Dental Research, Behavioral and Social Oral Health Sciences Summit. (virtual conference)

1. **Brumbaugh, J. T.**, Nelson, C. I., McNeil, D. W., Kao, E., Neiswanger, K., Weyant, R. J., Foxman, B., Crout, R. J., Alexander, L., & Marazita, M. L. (2019, November). Associations between orofacial pain and psychological distress in pregnant women [Poster presentation]. Association for Behavioral and Cognitive Therapies, Atlanta, GA.

Research Experience

Research Associate **June 2019 — Present**

Center for Oral Health Research in Appalachia

Faculty Supervisor: Daniel W. McNeil, PhD

- Pittsburgh, PA

Research Associate **May 2019 — Present**

Anxiety, Psychophysiology, and Pain Research (APPR) Laboratory

Faculty Supervisor: Daniel W. McNeil, PhD

- Department of Psychology, West Virginia University

Graduate Research **September 2018 — May 2019**

Chatham University, Pittsburgh, PA

Faculty Supervisor: Anthony Goreczny, PhD

- With principal investigator supervision, develop research on psychosocial implications of advancing genetic knowledge
- Establish novel research questions relating to genetic knowledge, human nature beliefs and attitudes toward mental illness
- Collect self-report research data via Qualtrics survey and questionnaire
- Analyze and interpret self-report data
- Draft and present research findings in order to advance the current understanding of psychosocial implications of genetic knowledge

Research Intern **June 2016 — September 2016**

Juniata College, Huntingdon, PA

- With principal investigator supervision, developed research methodology for a broad range of studies
- Collected microbe mRNA data via rigorous biological wet lab techniques
- Analyzed and interpreted raw data in collaboration with computer science colleagues
- Drafted and presented research findings to undergraduates and professors at Juniata College's Liberal Arts Symposium

Successfully accomplished developing a novel technique to isolate transcriptomic material from the gut microbiome of *Caenorhabditis elegans*

Clinical Experience

Graduate Student Psychology Extern **July 2021 — Present**

Western Pennsylvania Hospital Burn Center

Supervisor: Christina Duncan, PhD

Graduate Student Therapist
Quin Curtis Center for Psychological Services
 Department of Psychology, West Virginia University
 Supervisor: Amy Fiske, PhD, CBSM

August 2020 — August 2021

Graduate Student Therapist
Quin Curtis Center for Psychological Services
 Department of Psychology, West Virginia University
 Supervisor: Daniel W. McNeil, PhD

August 2019 — July 2020

Specialized Clinical Training

Workshop
Motivational Interviewing for Health Behavior Change
 8-hour training from a MINT Trainer – Daniel W. McNeil, PhD

November 2019

Workshop
Parent-Child Interaction Therapy
 40-hour (5 days) training from a certified PCIT Master Trainer – Cheryl McNeil, PhD

June 2019

Teaching Experience

Graduate Teaching Assistant
Department of Psychology, West Virginia University
 Introduction to Psychology (Virtual Class)
 Supervisor: Constance Toffle, PhD

May 2021 — July 2021

Graduate Teaching Assistant
Department of Psychology, West Virginia University
 Research Methods and Analysis I & II
 Supervisor: Sharon Tenenholz, PhD

August 2020 — May 2021

Graduate Teaching Assistant
Department of Psychology, West Virginia University
 Introduction to Psychology
 Supervisor: Constance Toffle, PhD

August 2019 — May 2020

Success Coach Graduate Assistant
Chatham University, Pittsburgh, PA

July 2018 — May 2019

- Frequently meet with newly matriculated students as a resource to help positively improve their collegiate academic, social or personal experiences
- Consistently keep in contact with newly matriculated students, via email or in person, in order to better understand how they were transitioning to college
- Instruct an introductory undergraduate course for newly matriculated students

Tutor
Juniata College Biology Department, Huntingdon, PA

September 2016 — December 2017

- Provided supplemental instruction to undergraduate students struggling with complex biology course concepts

- Created detailed study plans to assist tutees in meeting their learning goals and objectives
- Helped all tutees achieve passing, or better, course grades

Professional Service

Ad-hoc Reviewer

- *Journal of Public Health Dentistry*, (shadow review with Daniel W. McNeil, PhD)
- *Journal for Dental Research*, (shadow review with Daniel W. McNeil, PhD)

Professional Affiliations

Society for Health Psychology (APA Division 38) <i>Student Member</i>	April 2021 — Present
International Association for Dental Research <i>Student Member</i> Behavioral, Epidemiological, and Health Services Research Group	October 2019 — Present
American Association for Dental Research National Student Research Group	October 2019 — Present
Association for Behavioral and Cognitive Therapies <i>Student Member</i> Behavioral Medicine Special Interest Group	August 2019 — Present