

2022-2023 ROVINSKY FAMILY LECTURESHIP SERIES



Wednesday, February 22, 2023 | 12:00 – 1:00 PM ET | Live Webinar TRAUMA'S LASTING IMPRINT ON NEUROPSYCHOLOGICAL FUNCTIONING

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PROGRAM DESCRIPTION:

Without question mental health clinicians within the field today are acutely aware of the effects trauma has on psychiatric functioning. Despite this awareness of trauma's psychiatric downstream effects, its neuropsychological effects are less widely known. These lasting neuropsychological effects of trauma often contribute to and may even drive the enduring psychiatric distress clinicians treat. Therefore, a better understanding of the mechanisms behind neurocognitive change in trauma and the characteristics of the neurocognitive changes themselves warrant further attention and understanding. Furthermore, clinicians should consider how the neuropsychological effects of trauma may manifest differently across diverse populations. This presentation will address these specific areas related to trauma in addition to other subject matter on this topic. The presenter will use the clinical and empirical literature as well as knowledge in this area to inform guidelines for best practice.

EDUCATIONAL OBJECTIVES

Based on the presentation, the participants will be able to:

- List two effects of trauma on the neurological mechanisms underlying neuropsychological functioning.
- Describe neuropsychological characteristics of trauma that can be identified through neuropsychological testing.
- Discuss the neuropsychological effects of trauma across diverse populations.
- Explain prognosis and treatment options for individuals experiencing neurocognitive differences due to trauma.

SUGGESTED READINGS

- Kuriansky, J., & Nemeth, D. G. (2020). Rebuilding executive functions in environmentally traumatized children and adolescents. In D. G. Nemeth & J. Glozman (Eds.), *Evaluation and treatment of neuropsychological functioning of compromised children* (1st ed., pp. 221-247). Academic Press. <https://doi.org/10.1016/B978-0-12-819545-1.00012-6>
- Malarbi, S., Abu-Rayya, H. M., Muscara, F., & Stargatt, R. (2017). Neuropsychological functioning of childhood trauma and post-traumatic stress disorder. A meta-analysis. *Neuroscience and Biobehavioral Reviews*, 72, 68–86. <https://doi.org/10.1016/j.neubiorev.2016.11.004>
- Polak, A. R., Witteveen, A. B., Reitsma, J. B., & Olff, M. (2012). The role of executive function in posttraumatic stress disorder: A systematic review. *Journal of Affective Disorders*, 141(1), 11–21. <https://doi.org/10.1016/j.jad.2012.01.001>

ABOUT THE PRESENTER

Noah Sideman, PsyD, is a neuropsychologist, school psychologist, and neuroscience researcher. He is a graduate of PCOM's doctoral program in School Psychology and has worked as a school psychologist in public schools in the Philadelphia region for several years. His pre-doctoral and post-doctoral training focused on clinical neuropsychology in hospital and private practice settings in and around Philadelphia. His research interests include pediatric concussion treatment and epilepsy pre-surgical planning that incorporate functional neuroimaging techniques. He currently owns his own mental health practice in Philadelphia and provides evaluation and therapy services across the life-span. Additionally, he teaches and advises school psychology students as an adjunct professor in the School of Professional and Applied Psychology at PCOM.

**Target Audience: Doctoral Level
Psychologists and Other Mental Health Professionals**

Level of Instruction: Intermediate

Number of CE Credits Offered: 1 CE credit

Cost: \$15



CRITERIA FOR EARNING CE

Full attendance is required to receive CE credit for each session. No partial credits are available. All participants must sign an attestation regarding attendance and indicate the type of CE credit they require through a link which will be provided following the session. At the conclusion of each session participants will be provided an additional link to complete an evaluation survey; we request that you take a few minutes to anonymously provide feedback.



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Applied Psychology maintains responsibility for this program and its content. The Pennsylvania Board of Social Work Examiners recognizes and accepts the psychology continuing education hours/credits for social workers. However, all social workers are responsible for checking with their Board. The Board requires a minimum duration of two hours per program. After successfully meeting the criteria for earning CE's, social workers will receive the Certificate of Attendance.

Unless otherwise specified in the program promotional materials, there is no commercial support interest to the sponsor, instructors, content of instruction or any other relationship that could be construed as a conflict of interest. For any program where a fee is charged, there is a Refund/Cancellation Policy.

REFUND/CANCELLATION POLICY: For any program that has a fee attached, the School of Professional and Applied Psychology requires that notification of cancellation be made no later than three business days before the day of the program. Full refunds are available for notifications for programs with fees that are made within three business days prior to the day of the event. For all other cancellations, a credit will be issued for a future PCOM CE program.

Further Information about the Refund/Cancellation Policy and any other questions may be obtained by contacting Katie Garson, M.S.Ed., Coordinator of Continuing Education at katiega@pcom.edu.

