



The Greater Philadelphia Society of Clinical Hypnosis

*A Component Section of the American Society of Clinical Hypnosis
and*

Clinical Practice Enrichment Series

Present

Hypnotizability: A Brain-Based Perspective

Presenter: Jonathan Baylin PhD

DATE: January 24, 2027

Time: 10 am - 1 pm *(see schedule below)*

3 CE Credits for Psychologists and ASCH Certification/Re-certification

Zoom Webinar

Outline of Program:

9:30 AM-10:00 AM	Registration, Sign-in, Zoom Housekeeping, Introductions
10:00 AM-11:05 AM	Presentation of the 3 key brain networks: Salience; Default Mode; and Central Executive and How Hypnosis Impacts these networks
11:05 AM-11:15 AM	Q and A, Break as needed (time approximate as per presenter/flow of presentation)
11:15 AM-12:45 PM	The importance of brain wave patterns and the key role of THETA oscillations in hypnosis. How relational processes, including social buffering and storytelling, function neurobiologically to increase openness to therapeutic suggestions
12:45 PM-1:00 PM	Q and A, Integration, Conclusion, Evaluation

Workshop Description:

At the end of this learning experience, participants will be able to:

- 1) Describe the 3 core brain networks and how hypnosis impacts the functioning of these networks (Jiang et al., 2017)
- 2) Describe why theta waves are important to hypnosis (Jensen et al., 2015)
- 3) Explain how relational processes of “social buffering” and storytelling help to induce

- openness to therapeutic suggestions (Lam, 2024; Oliver, 2023)
- 4) Describe 3 specific ways that individual differences in brain functioning affect hypnotizability in clients (Bocci et al., 2016)

Program Learning Objectives:

Dr. Baylin will explain key aspects of neuroscientific knowledge about how hypnosis “works” and why some people are more hypnotizable than others. He will also discuss the neurobiological processes relevant to how a therapist’s style of relating impacts a client’s openness to suggestions, including the processes of social buffering or “brain whispering” and storytelling.

Presenter:

Dr. Baylin is a clinical psychologist, author, and international presenter dedicated to the development of neuroscience-informed practice. Over the past twenty-five years, he has presented at mental health conferences nationally and abroad on the theme of “Putting the Brain in Treatment”. He is the coauthor with Daniel Hughes of two books in the Norton Series on Interpersonal Neurobiology: ***Brain-based Parenting*** (2012) and ***The Neurobiology of Attachment-focused Therapy*** (2016),

References:

- Aben, B., Buc Calderon, C., Van den Bussche, E., Verguts, T. (2020). Cognitive effort modulates connectivity between dorsal anterior cingulate cortex and task-relevant cortical areas. *J Neurosci*. 2020 May 6;40(19):3838-3848. doi: 10.1523/JNEUROSCI.2948-19.2020. Epub 2020 Apr 9. PMID: 32273486; PMCID: PMC7204076
- Bocci, T., Barloscio, D., Parenti, L., et al. (2017). High hypnotizability impairs the cerebellar control of pain. *Cerebellum*, 2017 Feb;16(1):55-61. doi:10.1007/s12311-016-0764-2
- Bröcker, A.L., Nolte, T., Böttche, M., Knaevelsrud, C., Kerber, A. (2026). How epistemic trust, mistrust and credulity relate to mental health, personality pathology, treatment engagement and relationship in psychotherapeutic and psychiatric settings. *BMJ Ment Health*, 2026 Jan 19;29(1):e301751. doi: 10.1136/bmjment-2025-301751. PMID: 41554607; PMCID: PMC12820883.
- De Pascalis, V., Russo, E. (2013). Hypnotizability, hypnosis and prepulse inhibition of the startle reflex in healthy women: an ERP analysis. *PLoS One*. 2013 Nov 22;8(11):e79605. doi:10.1371/journal.pone.0079605
- Fonagy, P., Luyten, P., Allison, E., Campbell, C. (2019). Mentalizing, epistemic trust and the phenomenology of psychotherapy. *Psychopathology* 2019;52(2):94-103. doi: 10.1159/000501526. Epub 2019 Jul 30. PMID: 31362289.
- Henrich, J., Heine, S.J., Norenzayan, A. (2010). The weirdest people in the world? *Behav Brain Sci* 2010;33(2-3):61-83. doi:10.1017/S0140525X0999152X
- Hong, G. K., Skiba, A. H., Yepes, E., & O'brien, R. M. (1982). Effects of ethnicity of hypnotist and subject on hypnotic susceptibility. *International Journal of Clinical and Experimental Hypnosis*, 30(1), 23–31. <https://doi.org/10.1080/00207148208407255>

Jensen, M.P., Adachi, T., Hakimian, S. (2015). Brain oscillations, hypnosis, and hypnotizability. *Am J Clin Hypn*, 57(3):230-253. doi: 10.1080/00029157.2014.976786. PMID: 25792761; PMCID: PMC4361031.

Jiang, H., White, M.P., Greicius, M.D., Waelde, L.C., Spiegel, D. (2017). Brain activity and functional connectivity associated with hypnosis. *Cereb Cortex*, 2017 Aug. 1;27(8):4083-4093. doi: 10.1093/cercor/bhw220. PMID: 27469596; PMCID: PMC6248753

Lam, P.H. (2024). An extension to the stress-buffering model: Timing of support across the lifecourse. *Brain, Behavior, & Immunity - Health*, Volume 42,2024,100876, ISSN 2666-3546, <https://doi.org/10.1016/j.bbih.2024.100876>.

Lanius, R.A., Frewen, P.A., Tursich, M., Jetly, R., Mckinnon, M.C. (2015). Restoring large-scale brain networks in PTSD and related disorders: A proposal for neuroscientifically-informed treatment interventions. *Eur J Psychotraumatol*. 2015 Mar 31;6:10.3402/ejpt.v6.27313. doi: 10.3402/ejpt.v6.27313

Nicholson, A.A., Ros, T., Densmore, M., et al. (2020). A randomized, controlled trial of alpha-rhythm EEG neurofeedback in posttraumatic stress disorder: A preliminary investigation showing evidence of decreased PTSD symptoms and restored default mode and salience network connectivity using fMRI. *Neuroimage Clin.*, 2020;28:102490

Oliver, C.A. (2023). The social brain and the neuroscience of storytelling. In S. Rowland, L. Kuchel (Eds.), *Teaching science students to communicate: A practical guide*. Springer, Cham. https://doi.org/10.1007/978-3-030-91628-2_4

Porges, S.W. (2025). Polyvagal theory: A journey from physiological observation to neural innervation and clinical insight. *Front. Behav Neurosci* 19:1659083. doi: 10.3389/fnbeh.2025.1659083

Fees and Registration:

Registration is available ONLINE ONLY - Register online at the GPSCH website or by clicking [here](#).

- GPSCH Members: \$100
- Non-Members: \$150
- Students/Residents/Interns: \$50
- CE Certificate \$15, paid separately:

Participants desiring **Psychology CE** credits will pay \$15 (\$5/credit) to Kristin Kopple, Ph.D., by check. Checks can be mailed to Dr. Kristin Kopple, 1315 Walnut Street, Suite 1700, Philadelphia, PA 19146. Once the payment and workshop evaluation are received by Dr. Kopple, the CE certificate will be processed and emailed to the participant.

Online Registration Deadline: January 23, 2027

Refund Policy: Requests for registration fee refunds must be received in writing (email or postmark) no later than midnight on the Friday before the webinar, i.e., before 11:59pm, Friday, January 22, 2027 No refunds will be provided thereafter.]

AUDIENCE/SKILL LEVEL: This program is intended for mental health professionals with an intermediate level of knowledge and experience and a basic understanding of hypnosis and its related techniques.

CONTINUING EDUCATION CREDITS

This Greater Philadelphia Society of Clinical Hypnosis webinar is sponsored by Clinical Practice Enrichment Series (CPES). Clinical Practice Enrichment Series is approved by the American Psychological Association to sponsor **CONTINUING EDUCATION FOR PSYCHOLOGISTS**. Dr. Wright maintains responsibility for this program and its content. Certificates of completion for continuing education credits will be awarded to participants who attend **the entire program, complete the evaluation form and submit a certificate request form along with a check for \$15 (\$5 per CE credit obtained), mailed to Kristin Kopple, Ph.D. (See address above.)** This program meets requirements for **3 CE Credits** for psychologists.

This webinar also qualifies for ASCH certification/recertification credits. For further information, contact admin@gpsch.org.

Additional Information:

PLATFORM: Zoom link will be sent the week prior to the program.