**Name: Tomer Shechner, Ph.D.** **Date: August 01, 2022**

**CURRICULM VITAE**

1. **Personal Details**

School of Psychological Sciences, University of Haifa, Israel

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Website: <https://www.developmentalpsychopathologylab.com/>

Lab Facebook page: <https://www.facebook.com/dpluh/>

1. **Higher Education**
2. **Undergraduate and Graduate Studies**

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| --- | --- | --- | --- |
| **Period of Study** | **Name of Institution and Department** | **Degree** | **Year of Approval of Degree** |
| 9/1999 - 9/2002 | Tel-Aviv Academic College, school of behavioral science | B.A  *magna cum laude* | 09/2002 |
| 10/2002 - 9/2004 | Tel Aviv University, Psychology Department | M.A.  *summa cum laude* | 09/2004 |
| 10/2004 – 04/2009 | Tel Aviv University, Psychology Department | PH.D. | 04/2009 |

1. **Post-Doctoral Studies**

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| **Period of Study** | **Name of Institution and Department** | **Name of Host** | **Year of Approval of Degree** |
| 9/2009 – 08/2010 | Tel-Aviv University, Adler Institute of Developmental Psychopathology | Dr. Yair Bar-Haim | n/a |
| 09/2010 – 02/2013 | National Institute of Mental Health, Section on Development and Affective Neuroscience, Maryland, USA | Dr. Daniel S. Pine | n/a |

1. **Clinical Training**

Clinical internship: 2005-2009 at Schneider Children’s Medical Center of Israel.

Licensed Clinical Psychologist: December 2009 (license number 27-7934).

1. **Academic Ranks and Tenure in Institutes of Higher Education**

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| --- | --- | --- |
| **Dates** | **Name of Institution and Department** | **Ranks/Position** |
| 09/2010 – 02/2013 | National Institute of Mental Health (NIMH), Section on Development and Affective Neuroscience | Research fellow |
| 03/2013 – 07/2017 | University of Haifa, Department of Psychology | Senior lecturer |
| 7/2017 – 1/2022 | University of Haifa, School of Psychological Sciences | Associate Professor |
| 1/2022 | University of Haifa, School of Psychological Sciences | Professor |

1. **Offices in University Academic Administration**

October 2019 – Sep 2022: **Vice Chair: School of Psychological Sciences**

September 2019 – present: **Academia Representative in the Israeli Ministry of Health**

October 2018 – Sep 2021: **Chair of Training Committee-Haifa Neuroimaging Forum**

September 2017 – present: **Vice Chair: Integrated Brain and Behavior Research Center**

October 2019 – July 2021: **Head of the Clinical Psychology Graduate Program**

October 2017 – 2019: Chair of the BA committee School of Psychological Sciences

March 2013 – 2019: Member in the department’s BA committee

October 2014 – 2016: Member in the department’s founding and raising money committee.

May 2013 – 2017: Heading a project rewriting the MA and PHD admission processes.

October 2013 – 2019: Creating and updating the department’s Facebook page.

August 2014 - 2017: Developing and implemented a computerized admission system.

October 2016 – 2017: Member in the departments’ laboratory committee.

October 2014 – 2019: Academic tutor of Undergraduate and Child Clinical graduate students.

**5. Research Grants**

**a. Grants Awarded**

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| --- | --- | --- | --- | --- | --- |
| **Role** | **Other Researchers** | **Title** | **Funded by**  V = Vatat competitive funding, C= other competitive fundings | **Amount** | **Year** |
| PI |  | Neuro-cognitive correlates of pediatric anxiety | Marie Curie – Career Integration Grant – European Commission  **V** | $135,000 | 04 /2014 |
| PI |  | Brain biomarkers and anxiety treatment in children and adolescents | Israel Science Foundation – (**ISF**) - individual grant  **V** | $238,888 | 10 /2014 |
| PI |  | Developmental neuroscience lab | Israel Science Foundation – (**ISF**) - equipment grant  **V** | $117,205 | 10 /2014 |
| PI | Nathan Fox  PI | A longitudinal study examining the relations between fear extinction recall in behaviorally inhibited children and anxiety onset in adolescence: An ERP study | United States – Israel Binational Science Foundation (**BSF)** - **V** | $126,000 | 09/2016 |
| \*PI | Prof. Mouna Maroun  PI | Translational Perspective on the Adverse Effects of High-fat Diet on Fear Learning | Research grant – IBBRC - **C** | $10,000 | \*11/2017 |
| \*PI |  | Perceptual discrimination training: Isolating mechanisms to reduce fear overgeneralization in pediatric anxiety | Israel Science Foundation – (**ISF**) - individual grant - V | $226,944 | \*10/2019 |

6. **Teaching**

1. **Courses Taught in Recent Years**

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| --- | --- | --- | --- | --- |
| **Year** | **Name of Course** | **Type of Course** | **Level** | **No. of Student** |
| 2013-current | Cognitive Behavioral Therapy for Children and Adolescents | Graduate level course | MA Psychology | 12 |
| 2014-current | Developmental Psychopathology | Graduate level course | MA and PhD Psychology | 40 |
| 2014- current | Personality Theories | Introduction course | BA Psychology | 250 |
| 2015- current | Laboratory research course | Undergraduate & graduate level | BA, MA and Ph.d | 15 |
| 2016 - 2017 | Abnormal Psychology | Introduction course | BA Psychology | 110 |

**PUBLICATIONS**

1. **Ph.D Dissertation**

Gender development in childhood: Construction of sex-typing measures and a comparison of children from various familial models. April 2009, pages – 234.  
Supervised by Prof. Thalma Lobel. Psychology Department, Tel-Aviv University.

1. **Scientific Books (Refereed)**

n/a

1. **Monographs**

n/a

1. **Articles in Refereed Journals**For joint publications, the order of the listed authors appears according to their relative contribution while the last author is the senior author.

**Published**

1. **Shechner, T**., Slone, M., & Bialik, G. (2007). Does political ideology moderate stress: The special case of soldiers conducting forced relocation. American *Journal of Orthopsychiatry, 77*, 189-198.
2. Teichman, Y., Redl, O., **Shechner, T**., Chen, R., & Schoenfeld A. (2008). A comparison of the psychological reaction of women who terminated pregnancy for medical reason to those who terminate pregnancy electively. *Megamot, 4*, 799-826 (Hebrew).
3. Slone, M., & **Shechner, T**. (2009). Psychiatric consequences for Israeli adolescents of protracted political violence: 1998 – 2004. *Journal of Child Psychology and Psychiatry, 50*, 280–289.
4. **Shechner, T**., Slone, M., Meir, Y#., & Kalish, Y. (2010). Relations between social support and psychological and parental distress for lesbian, single heterosexual by choice, and two parent heterosexual mothers. *American Journal of Orthopsychiatry, 80*,283-292.
5. **Shechner, T**. (2010). Gender Identity Disorder: Literature review from a developmental perspective. Israeli *Journal of Psychiatry and Related Science, 47*, 132-138.
6. Wald, I., **Shechner, T**., Bitton, S., Holoshitz, Y., Charney, D. S., Muller, D., et al. (2011). Attention bias away from threat during life threatening danger predicts PTSD symptoms at one-year follow-up. *Depression and Anxiety*, *28*, 406-411.
7. Slone, M., & **Shechner, T**. (2011). Adolescents exposed to 7 years of political violence: Differential relations between exposure and its impact for Jewish and Arab Israelis. *Child Indicators Research*, *4*, 529-545.
8. Slone, M., **Shechner, T**.,& Khoury Farah, O#. (2012). Parenting style as a moderator of effects of political violence: Cross-cultural comparison of Israeli Jewish and Arab children. *International Journal of Behavioral Development*, *36,* 62-70.
9. **Shechner, T**., Pelc, T., Pine, D. S., Fox, N. A, & Bar-Haim, Y. (2012). Flexible attention deployment in threatening contexts: An instructed fear conditioning study. *Emotion*, *12,* 1041-1049.
10. **Shechner T.**, Britton J. C., Pérez-Edgar K., Bar-Haim Y., Ernst M., Fox N. A., Leibenluft E., & Pine S. D. (2012). Attention biases, anxiety, and development: Toward or away from threats or rewards? *Depression and Anxiety, 29,* 282-294.
11. **Shechner, T**., Slone, M., Lobel, T. E., & Shechter, R#. (2013). Children’s adjustment in non-traditional families in Israel: The effect of parental sexual orientation and the number of parents on children’s development. *Child: Care, Health and Development, 39*, 178-184.
12. Lebowitz, R. R., Woolston, J., Bar Haim, Y., Calvocoressi, L., Dauser, C., Warnick, E., Scahill, L., Rimon, A., **Shechner, T.**, Vitulano, L., King, R.A., Leckman, J. F. (2013). Family Accommodation in Pediatric Anxiety Disorders. *Depression and Anxiety, 30*, 47-54.
13. Jarcho, J. M., Fox, N. A., Pine, D. S., Etkin, A., Leibenluft, E., **Shechner, T**., Ernst M. (2013). The neural correlates of emotion-based cognitive control in adults with early childhood behavioral inhibition. *Biological Psychology, 92,* 306-314.
14. Britton, J. B., Grillon, C., Lissek, S., Norcross, M. A., Szuhany, K. L., Chen, G., Ernst, M., Nelson, E., Leibenluft, E., **Shechner, T.**, Pine, D. S. (2013). Response to learned threat: an FMRI study in adolescent and adult anxiety. *American Journal of Psychiatry, 170,* 1195-1204.
15. Britton, J. B., Bar Haim, Y., Clementi, M. A., Sankin L. S., Chen, G., **Shechner, T.**, Norcross M. A., Spiro C. N., Lindstrom, K. M., & Pine, D. S. (2013). Training-associated changes and stability of attention bias in youth: Implications for Attention Bias Modification Treatment for pediatric anxiety. *Developmental Cognitive Neuroscience*, *4*, 52-64.
16. **Shechner, T.**, Wakschlag, N., Britton, J.C., Jarcho, J. M., Ernst M. & Pine D. S. (2013). Empirical examination of the potential adverse psychological effects associated with pediatric fMRI scanning. *Journal of Child and Adolescent Psychopharmacology, 23*, 357-362.
17. **Shechner, T**., Jarcho, J., Britton J. C., Leibenluft, L., Pine D. S. & Nelson E. (2013). Attention bias of anxious youth during extended exposure of emotional face pairs: An eye-tracking study. *Depression and Anxiety, 30*,14-2.
18. Jarcho, J. M., Fox, N. A., Pine, D. S., Leibenluft, E., **Shechner, T**., Degnan, K. A., Perez-Edgar, K., & Ernst M. (2014). The enduring influence of early temperament on neural mechanisms mediating attention-emotion conflict in Adults. *Depression and Anxiety, 31*, 53-62.
19. **Shechner, T.**, Rimon-Chakir, A.#, Britton J. C., Lotan, D., Aptar, A., Bliese D. P., Pine, S. D. & Bar-Haim, Y. (2014). Attention bias modification treatment augmenting effects on cognitive behavioral therapy in children with anxiety: Randomized controlled trial. *Journal of the American Academy of Child and Adolescent Psychiatry, 53*, 61-71.

1. **Shechner, T.**, Hong M., Britton, J.C., Pine, S.D. & Fox, N. (2014). Fear conditioning across development: Evidence from animal models and human studies. *Biological Psychology*, *100*, 1-12.
2. Jarcho, J. M., Romer, A. L., **Shechner, T.,** Galvan, A., Guyer, A. E., Leibenluft, E., Pine, D. S., Nelson, E. E. (2015). Forgetting the best when predicting the worst: Preliminary observation on neural circuit function in adolescent social anxiety. *Developmental Cognitive Neuroscience, 13*, 21-31.
3. **Shechner, T.,** Britton, C. J., Ronkin, E G., Jarcho, J. M., Mash, J., Michalska K., Leibenluft E., & Pine D. S. (2015). Fear conditioning and extinction in anxious and non-anxious youth and adults: Examining a novel developmentally-appropriate fear conditioning task. *Depression and Anxiety*. *32,* 288-288.
4. Mueller, S.C., **Shechner, T.**, Rosen, D., Nelson, E.E., Pine, D.S., Ernst, M. (2015). Incidental threat during visual working memory in adolescent anxiety: An emotional memory-guided saccade task. *Depression and Anxiety, 32*, 282-295.
5. White, L. K., Britton, J.C., Sequeira, S., Ronkin, E. G., Chen, G., Bar-Haim, Y., **Shechner, T**., Ernst, M., Fox, N.A., Leibenluft, E., Pine, D.S. (2016). Behavioral and neural stability of attention bias to threat in healthy adolescents. *Neuroimage*, *136*, 84-93.
6. Michalska, K. J., **Shechner, T.,** Britton, J. C., Pine D. S.,& Fox, N. A. (2016). A developmental analysis of fear learning and generalization in childhood. *Journal of Experimental Child Psychology, 146, 95-105.*
7. McLaughlin, K.A., Sheridan, A.S., Gold, A.L., Duys, A., Lambert,H.K., Perverill, M., Heleniak, C., **Shechner, T.,** & Pine D. S. (2016). Trauma exposure, brain structure, and fear conditioning in children*. Neuropsychopharmacology*, *41,* 1956-1964*.*
8. Gold, A. L., **Shechner, T**., Farber, B.A., Spiro, C. N., Leibenluft, E., Pine, D.S., & Britton, J. C. (2016). Amygdala-cortical connectivity: Associations with anxiety, development and threat. *Depression and Anxiety*, *33*, 917-926.
9. Prizant-Passal, S., **Shechner, T.**, & Aderka, I. M. (2016). Social Anxiety and Internet Use - A Meta-Analysis: What do we know? What are we missing? *Computers in Human Behavior, 62*, 221-229.
10. **#**Horovitz, O., Roitburd, B. L., Abend, R., Ziskind, D., & **Shechner, T**. (2016). Distraction versus training attention away from threat: How to best wait for the dentist. *Australian Journal of Psychology*, *68*, 139-238*.*
11. Jarcho, J. M., Davis, M. M., **Shechner, T.,** Degnan, K. A, Heather, A. H., Fox, N. A., Leibenluft, E., Pine, D. S., Nelson, E. E (2016). Early-childhood social reticence predicts brain function in preadolescent youths during distinct forms of peer evaluation. *Psychological Science*, *27*, 821-835.
12. Abend, R., Jalon, I., Gurevitch, G., Sar-el, R., **Shechner, T.**, Pine, S. D., Hendler, T., Bar-Haim, Y. (2016). Modulation of fear extinction process using transcranial electrical stimulation. *Translational Psychiatry, 6*, 1-7.
13. **Shechner, T.** & Bar-Haim, Y. (2016). Threat monitoring system and attention bias modification in anxiety and stress-related disorders. *Current Direction of Psychological Science*, *25*, 431-437.
14. **Shechner, T.,** Jarcho, J. M, Wong, S, Leibenluft, E., Pine, S.D. & Nelson, E. E. (2017). Threats, rewards, and attention deployment in anxious youth and adults: An eye tracking. *Biological Psychology, 122,* 121-129.
15. White, L. K., Henderson, H. A., Perez-Edgar, K., Walker, O. L., Degnan, K. A., **Shechner, T**., Leibenluft, E., Bar-Haim, Y., Pine, D. S., Fox, N. A. (2017). Developmental relations between behavioral inhibition, anxiety, and attention biases to threat and positive information. *Child Development, 88*, 141-155.
16. Frolich, R., Katz, O, Klein, Z & **Shechner, T**. (2017). A novel perceptual discrimination training task: Reducing fear overgeneralization in the context of fear learning. *Behavioral Research and Therapy, 93*, 29-37.
17. **Shechner, T.**, Fox, N. A., Mash, J. A., Jarcho J. M., Leibenluft, E., Pine, D. S., & Britton J. C. (2018). Differences in neural response to extinction recall in young adults with or without history of behavioral inhibition. *Development & Psychopathology*, *30*, 179-189.
18. Horovitz, O., Lindenfeld, I., Melamed, M.,# & **Shechner, T**. (2018). Developmental effects of stimulus gender and distractors affective valence on threat detection in a visual search task. *British Journal of Development*, *36*, 452-466.
19. Mernick, B., Gendler T.#, Pine, A.#, & **Shechner, T**. (2018). Psychometric properties of the revised and translated behavioral inhibition questionnaire (BIQ). *Journal of Child and Family Studies*, *27*, 1794-1804.
20. Michalska, K., Feldman J., Ivie, E., **Shechner, T**., Sequeira, S., Averbeck, B., Leibenluft, E., Fox, N., & Pine, D. (2019). Early-childhood social reticence predicts SCR-BOLD coupling during fear extinction recall in preadolescent youth. *Developmental Cognitive Neuroscience, 36*, 1-11.
21. Abend, R., Swetlitz, C., White, L. K., Shechner**, T.**, Bar-Haim, Y., Filippi, C., Kircanski, K., Haller, S. P., Benson, B. E., Chen, G., Leibenluft, E., Fox, N.A., & Pine, D.S. (2019). Levels of early-childhood behavioral inhibition predict distinct neurodevelopmental pathways to pediatric anxiety. *Psychological Medicine*. 1-11.
22. Stein, I., Asher, M., Erez, S., **Shechner, T.,** Marom, S., Hermesh, H., Aderka, I. M. (2019). Developing a brief version of the Social Thoughts and Beliefs Scale (STABS) using item response theory. *Cognitive Therapy and Research, 43*, 792-801.
23. Ginat-Frolich, R., Gendler, T., Marzan, D., Tsuk, Y., **Shechner, T**. (2019) Reducing fear overgeneralization in children using a novel perceptual discrimination task, *Behaviour Research and Therapy, 116,* 131-139.
24. Ginat-Frolich, R., Klein, Z., Aderka, I., **Shechner, T.** (2019). Reducing avoidance and improving threat perception in adults with high spider fear using perceptual discrimination training. *Depression and Anxiety, 36,* 859-865.
25. Dvir, M., Horovitz, O., Aderka, I.M., & **Shechner, T**. (2019). Fear conditioning and extinction in anxious and non-anxious youth: a meta-analysis. *Behaviour Research and Therapy*, *120*.
26. Teichman Y., Stein, H., & **Shechner, T.** (2020). Cognitive Complexity Revealed by Jewish Israeli Adolescents Relating to Drawings of Jews and Arabs. *Journal of Community & Applied Social Psychology*, *30*, 247-338.
27. Abend, R., Gold, A. L., Britton, J. C., Michalska, K. J., **Shechner, T.**, Sachs, J. F., Winkler, A. M., Leibenluft, E., Averbeck, B.B, & Pine, D.S. (2020). Anticipatory Threat Responding: Associations with Anxiety, Development, and the Brain Structure. *Biological Psychiatry*, *87*, 916-925.
28. Klein, Z., Shner, G., Ginat-Frolich, R., Vervliet, B., & **Shechner, T**. (2020). The effects of age and trait anxiety on avoidance learning and its generalization. *Behavior Research and Therapy*.
29. Varma, M. M., Pitliya, R. J., Zbozinek, T. D., **Shechner, T**. & Barry, T. J.\* (2021). Brief training to modify the breadth of attention influences the generalization of fear. *Cognitive Therapy and Research*, *45*, 99-119.
30. Klein, Z., Berger, S., Vervliet, B., & **Shechner, T**. (2021). High avoidance despite low fear of a second-order conditional stimulus. *Behavior Research and Therapy*. 103765.
31. Klein, Z., Ginat-Frolich, R., Barry, T. J., & **Shechner, T**. (2021). Effects of increased attention allocation to threat and safety stimuli on fear extinction and its recall.*Journal of Behavior Research and Experimental Psychiatry, 72,* 101640*.*
32. Skversky-Blocq, Y., Pine, D.S., & **Shechner, T.** (2021). Using a Novel Paradigm to Examine Observational Fear Learning across Development. *Depression and Anxiety*, *38*, 731-738.
33. Perl, L., Oren, A., Klein, Z., & **Shechner, T** (2021). Effects of the COVID19 Pandemic on Transgender and Gender Non-Conforming Adolescents’ Mental Health. *Psychiatry Research*, 114042.
34. Glenn, D., Feldman J., Ivie, E., **Shechner. T**., Leibenluft, E., Pine, D., Peters, M., Michalska, K. (In press). Social relevance modulates multivariate neural representations of threat generalization in children and adults. *Developmental Psychobiology*.
35. Dannon-Kraun, S., Horovitz, O., Richter-Levin, G., Pine, D., & **Shechner, T.** (In press). Return of fear following extinction in youth: An event- related potential study. *Developmental Psychobiology.*
36. Skwersky-Blocq, Y, Hakker, J., & **Shechner, T.** (In press). Watch and learn: Vicarious fear learning across development in human studies. *Brain Sciences*.
37. Klein, Z., Berger, S., Vervlit, B., & **Shechner, T.** (In press). Fear learning, avoidance, and generalization are more context-dependent for adults than adolescents. *Behavior Research and Therapy*.
38. Klein, Z., Abend, R., Shmuel, S., & **Shechner, T**. Unique Associations between Conditioned Cognitive and Physiological Threat Responses and Facets of Anxiety Symptomatology in Youth. *Biological Psychology.*
39. Abend, R., Ruiz, S., Gold, A. L., Napoli, J., Britton, J. C. Michalska, K. J., **Shechner, T**., Winkler, A. M., Pine, D. S., & Averbeck, B. Computational modeling of rapid threat learning reveals links with anxiety and neuroanatomy. eLife.
40. **Articles or Chapters in Scientific Books**
41. Ginat-Frolich, R., & Shechner, T. (2020). Cognitive biases from a

developmental perspective. In Okon-Singer, H. & Aue, T. (Eds), Cognitive biases in health and psychiatric disorders.

1. **Articles in Conference Proceedings**

None

1. **Patents**n/a
2. **Entries in Encyclopedias**
3. **Shechner, T**. (2021). Neurophysiological theory and foundations of

emotion. The Encyclopedia of Child and Adolescent Development. Wiley.

1. **Other Scientific Publications**n/a

**J. Other Works and Publications**

Self-compassion-based therapy for children and adolescents - Therapist manual (Hebrew). Based on Andres Konitcheski PhD dissertation.