

Idan Shalev, PhD

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Academic Positions:

2014-present: Pennsylvania State University
Assistant Professor – Department of Biobehavioral Health, Pennsylvania State University, University Park, PA, USA.

Education

2011-2013: Duke University
Postdoctoral Associate – Department of Psychology and Neuroscience,
Duke University, Durham, NC, USA.
Advisors: Profs. Terrie Moffitt and Avshalom Caspi

2011: National University of Singapore
Research Associate – Department of Psychology, National University of Singapore, Singapore.

2007-2010: Hebrew University
PhD degree – Department of Neurobiology, Hadassah Medical School,
Hebrew University, Jerusalem, Israel.
Advisor: Prof. Richard Ebstein

2005-2007: Hebrew University
MSc degree (magna cum laude) – Department of Brain and Behavior, Hebrew University Jerusalem, Israel.
Advisor: Prof. Richard Ebstein

2000 -2004: Ben-Gurion University
BSc degree – Department of Biology, Natural Sciences, Ben-Gurion University of the Negev, Beer-Sheva, Israel.

Membership in Professional Societies

2006- 2011: Israel Society for Biological Psychiatry

2006- 2011: Israel Society for Neuroscience

2010- 2015: Associate Member- European College of Neuropsychopharmacology (ECNP)

2015- present: Association for Psychological Science (APS).

Editorial Duties

2013: Guest Editor: *Frontiers in Neuroscience*- special issue on Social Hormones and Human Behavior

2014- present: Editorial Board: *Telomere and Telomerase*

Ad Hoc Reviewer

Journals: *American Journal of Preventive Medicine, Annals of Epidemiology, Biodemography and Social Biology, Biological Psychiatry (x6), Biological Psychology (x2), Child Development (x3), Child Maltreatment, Clinical Psychological Science (x4), Depression and Anxiety (x2), Development and Psychopathology (x2), European Journal of Personality (x2), JAMA Psychiatry (x3), Journal of Developmental Origins of Health and Disease, Journal of Nervous and Mental Disease (x2), Journal of Neural Transmission, Journal of Psychiatric Research (x3), Molecular Psychiatry (x3), Neurobiology of Aging, Neuroscience & Biobehavioral Reviews (x3), Pediatrics (x2), PLoS One, Proceedings of the Royal Society B, Psychiatry Research, Psychological Medicine, Psychoneuroendocrinology (x12), Psychosomatic Medicine (x2), Rejuvenation Research (x2), Scientific Reports, The American Journal of the Medical Sciences (x2), The Journal of Clinical Endocrinology & Metabolism, The Journal of Pediatrics, The Protein Journal, Translational Psychiatry.*

Grants: Israel Science Foundation; Social Science Research Institute at Penn State.

Professional Meeting: Review Board Member- International Society for Traumatic Stress Studies (ISTSS): “Healing Lives and Communities: Addressing the Effects of Childhood Trauma across the Life Span”.

Awards/Honors

2007: MSc degree- magna cum laude.

2009: Travel award- The 2nd DGPA Spring School, Dresden, Germany.

2010: Travel award- The 3rd DGPA Spring School, Dresden, Germany.

2010: Travel award- ECNP Workshop for Young Scientists in Europe, Nice, France.

2010: Travel award- Hebrew University- 7th World Congress on Stress, Leiden, Netherlands.

2010: Travel award- INCORE foundation- 7th World Congress on Stress, Leiden, Netherlands.

- 2011:** Israel Society for Biological Psychiatry- Annual Award for Outstanding Research.
- 2011:** Finalist, Fulbright Post-Doctoral Fellowships.
- 2011:** Travel award - The Biology of Prosocial Behavior – Emory University, Atlanta, USA.
- 2012:** Travel award - 102nd Annual Meeting of the American Psychopathological Association (APPA), New-York, USA.
- 2013:** Selected for the Jacobs Foundation Conference 2013 on "The Genetic Moderation (and Mediation) of Intervention Efficacy"
- 2014:** Best poster award- 44th Annual ISPNE Conference, Montreal, Canada.
- 2015:** *Rising Star* in the Association for Psychological Science (APS).
- 2016:** National Institute on Aging Summer Training Course in Experimental Aging Research
- 2016:** National Institute on Aging Butler-Williams Scholar

Current Grants

2014: Pennsylvania State University, Social Science Research Institute Seed Award: *Intergenerational Transmission of Trauma? Testing Cellular Aging in Mothers Exposed to Sexual Abuse and Their Children.*
PI, direct costs \$26,278.

2015: Pennsylvania State University, Clinical and Translational Science Institute: *Complex interactions of behavior, genes, and environment in the multi-system characterization of the effects of sleep loss on health, cardio-metabolic disease risk, cognition, and the epigenome.*
Co-I, direct costs \$77,905.

2015: Sara van Dam Project Grants: *Biological embedding of early-life experiences: How early-life experiences impact childhood development and can accelerate aging.*
Co-I, direct costs \$178,030.

Manuscripts under Review

Brody GH, Yu T, **Shalev I.** Risky family processes prospectively forecast telomere length with mediation through negative emotions. *Health Psychology*

Belsky J*, **Shalev I***. Contextual adversity, telomere erosion, pubertal development and health: Two models of accelerated aging—or one? *Development and Psychopathology*
*These authors contributed equally to this work.

Bloch B, Levin R, Vadas L, **Shalev I**, Israel S, Uzefovsky F, Bachner-Melman R, Reshef A, Ebstein RP, Kremer I. Sex specific effect of intranasal oxytocin and vasopressin on emotional recognition and perception in schizophrenia patients. *Schizophrenia Research*

Noll JG, Trickett PK, Long JD, Negriff S, Susman EJ, **Shalev I**, Li JC, Putnam FW. Childhood Sexual Abuse and Early Timing of Puberty. *Journal of Adolescence Health*

Publications

34. **Shalev I**, Heim CM, Noll JG. Child maltreatment as a root cause of mortality disparities: a call for rigorous science to mobilize public investment in prevention and treatment. *JAMA Psychiatry*. Published online August 17, 2016. doi:10.1001/jamapsychiatry.2016.1748 [Impact factor = 12.008].
33. **Shalev I** and Belsky J. Early-life stress and reproductive cost: A two-hit developmental model of accelerated aging? *Medical Hypotheses*. 2016 March; 90:41-7. doi:10.1016/j.mehy.2016.03.002. [Impact factor = 1.136].
32. Zhong Z*, **Shalev I***, Lu Y Zhang X, Jiang Y, Ng V, Koh D, Lai PS, Ebstein RP, Chew SH. Competitiveness and stress. (January 18, 2016, working paper). Available at SSRN: <http://ssrn.com/abstract=2717459> or <http://dx.doi.org/10.2139/ssrn.2717459>
*These authors contributed equally to this work.
31. Yim OS, Zhang X, **Shalev I**, Monakhov M, Zhong S, Chew SH, Lai PS, Ebstein RP. Delay discounting, genetic sensitivity, and leukocyte telomere length. *PNAS*. 2016 Feb 22. pii: 201514351. [Impact factor = 9.423].
30. Thomson WM, Zeng J, Broadbent JM, Foster Page LA, **Shalev I**, Moffitt TE, Caspi A, Braithwaite AW, Poulton R. Telomere length and periodontal attachment loss: a prospective cohort study. *Journal of Clinical Periodontology*. 2015 Dec. doi: 10.1111/jcpe.12499. [Impact factor = 3.915].
29. Sugden K, Danese A, **Shalev I**, Williams BS, Caspi A. Blood substrate collection and handling procedures under pseudo-field conditions: Evaluation of suitability for inflammatory biomarker measurement. *Biodemography and Social Biology*. 2015 Dec; DOI: 10.1080/19485565.2015.1062717. [Impact factor = 1.500].
28. Uzefovsky F, **Shalev I**, Israel S, Edelman S, Raz Y, Mankuta D, Knafo A, Ebstein RP. Oxytocin Receptor and Vasopressin Receptor 1a genes are respectively associated with emotional and cognitive empathy. *Hormones and Behavior*. 2015 Jan; 67:60-5. [Impact factor = 3.735].
27. **Shalev I**, Caspi A, Ambler A, Belsky DW, Chapple S, Cohen HJ, Israel S, Poulton R, Ramrakha S, Rivera CD, Sugden K, Williams B, Wolke D, Moffitt TE. Perinatal complications and aging indicators by midlife. *Pediatrics*. 2014 Nov; 134(5):e1315-23. PMID pending, NIHMSID # 638965 [Impact factor = 5.473].
#Commentary by Alan Guttmacher, director of NICHD, "The Child Is Father of the Man, and Mother of the Woman". *Pediatrics*. 2014 Oct. doi: 10.1542/peds.2014-2646.
26. Zozulinsky P, Greenbaum L, Brande-Eilat N, Braun Y, **Shalev I**, Tomer R. Dopamine system genes are associated with orienting bias among healthy individuals. *Neuropsychologia*. 2014 Sep; 62:48-54. [Impact factor = 2.989].

25. Belsky DW, **Shalev I**, Sears MR, Hancox RJ, Harrington H, Houts RM, Moffitt TE, Sugden K, Williams B, Poulton R, Caspi A. Is chronic asthma associated with leukocyte telomere length at midlife? *American Journal of Respiratory and Critical Care Medicine*. 2014 Aug 15; 190(4):384-91. [Impact factor = 12.996].
#Editorial by Stefano Guerra "New Asthma Biomarkers: Shorter Telomeres, Longer Disease?" *American Journal of Respiratory and Critical Care Medicine*, 190(4):356-358, 2014.
24. Uzefovsky F, **Shalev I**, Israel S, Edelman S, Raz Y, Perach-Barzilay N, Mankuta D, Shamay-Tsoory SG, Knafo A, Ebstein RP. The dopamine D4 receptor gene shows a gender sensitive association with cognitive empathy: evidence from two independent samples. *Emotion*. 2014 Aug; 14(4):712-21. [Impact factor = 3.383].
23. **Shalev I**, Moffitt TE, Braithwaite AW, Danese A, Fleming NI, Goldman-Mellor S, Harrington H, Houts RM, Israel S, Poulton R, Robertson SP, Sugden K, Williams B, Caspi A. Internalizing disorders and leukocyte telomere erosion: a prospective study of depression, generalized anxiety disorder and post-traumatic stress disorder. *Molecular Psychiatry*, advance online publication, January 14, 2014; doi:10.1038/mp.2013.183. [Impact factor = 14.496].
22. **Shalev I** and Ebstein RP. Frontiers in Oxytocin Science: From Basic to Practice. *Frontiers in Neuroscience*. 2013 Dec; 7:250. doi:10.3389/fnins.2013.00250. [Impact factor = 3.398].
21. Klaus-Grawe Think Tank 2012. Childhood exposure to violence and lifelong health: Clinical intervention science and stress biology research join forces. *Development and Psychopathology*, 25th Anniversary Special issue. 2013 Nov; 25(4 Pt 2):1619-34. doi:10.1017/S0954579413000801. [Impact factor = 3.240].
20. Meier M*, **Shalev I***, Moffitt TE, Kapur S, Keefe R, Wong T, Belsky DW, Harrington H, Hogan S, Houts R, Caspi A, Poulton R. Microvascular abnormality in schizophrenia as shown by retinal imaging. *American Journal of Psychiatry*. 2013 Sep; 170(12), 1451-1459. doi:10.1176/appi.ajp.2013.13020234. [Impact factor = 12.295].
*These authors contributed equally to this work.
#Article was featured on the cover of the December 2013 Issue of *American Journal of Psychiatry*.
19. Maysseless M, Uzefovsky F, **Shalev I**, Ebstein RP, Shamay-Tsoory SG. The association between creativity and the 7R polymorphism in the dopamine receptor D4 gene (DRD4). *Frontiers in Human Neuroscience*. 2013 Aug 26; 7:502. doi: 10.3389/fnhum.2013.00502. [Impact factor = 3.634].
18. Caspi A, Houts RM, Belsky DW, Goldman-Mellor S, Harrington H, Israel S, Meier MH, **Shalev I**, Poulton R, Moffitt TE. The 'p factor': One general psychopathology factor in the structure of psychiatric disorders? *Clinical Psychological Science*. Published online August 14, 2013. doi: 10.1177/2167702613497473

17. **Shalev I**, Entringer S, Wadhwa PD, Wolkowitz OM, Puterman E, Lin J, Epel ES. Stress and Telomere Biology: A Lifespan Perspective. *Psychoneuroendocrinology*. 2013 Sep; 38(9):1835-42. [Impact factor = 4.944].
16. **Shalev I**, Moffitt TE, Wong TY, Meier MH, Houts RM, Ding J, Cheung CYL, Ikram MK, Caspi A, Poulton R. Retinal vessel caliber and lifelong neuropsychological functioning: an investigative tool for cognitive epidemiology. *Psychological Science*. 2013 Jul 1; 24(7):1198-207. doi: 10.1177/0956797612470959. Published online 15 May 2013. [Impact factor = 4.940].
15. Edelman S*, **Shalev I***, Uzefovsky F, Israel S, Knafo A, Kremer I, Kaitz M, Ebstein RP. Epigenetic modification of the glucocorticoid receptor predicts gender-sensitive differences in salivary cortisol following a threat to the social self. *PLoS ONE*. 2012 Nov. 7(11): e48597. [Impact factor = 3.057].
*These authors contributed equally to this work.
14. **Shalev I**. Early life stress and telomere shortening: investigating the connection and possible mechanisms: A critical survey of the evidence base, research methodology and basic biology. *BioEssays* 2012 Sep 19. 34(11):943-52. doi: 10.1002/bies.201200084. [Impact factor = 4.725].
*Article was chosen as one of the highlights of the November Issue of BioEssays.
13. **Shalev I**, Moffitt TE, Sugden K, Williams B, Houts RM, Danese A, Mill J, Arseneault L, Caspi A. Exposure to violence during childhood is associated with telomere erosion from 5 to 10 years of age: a longitudinal study. *Molecular Psychiatry* 2013 May;18, 576-581. doi:10.1038/mp.2012.32; published online 24 April 2012 [Impact factor = 14.496].
#Article has been recommended by Faculty of 1000.
&The study appeared on the cover page of *USA Today*, and in countless media outlets including; *Science*, *Time Magazine*, *Los Angeles Times*, *Smithsonian* and *Der Spiegel*, among others.
12. Uzefovsky F, **Shalev I**, Israel S, Knafo A, Ebstein RP. Vasopressin selectively impairs emotion recognition in men. *Psychoneuroendocrinology*. 2012 Apr;37(4):576-80. doi: 10.1016/j.psyneuen.2011.07.018.. [Impact factor = 4.944].
11. Feldman R, Zagoory-Sharon O, Weisman O, Schneiderman I, Gordon I, Maoz R, **Shalev I**, Ebstein RP. Sensitive parenting is associated with plasma oxytocin and polymorphisms in the oxytocin receptor (*OXTR*) and *CD38* genes. *Biological Psychiatry* 2012 Feb 13. 1;72(3):175-81. [Impact factor = 10.255].
10. Avinun R, Israel S, **Shalev I**, Gritsenko I, Bornstein G, Ebstein RP, Knafo A. The Selfish Allele: AVPR1A Autism-linked Variant Associated with Children's Lower Altruistic Behavior. *PLoS ONE*. 2011 Sep 28; 6(9):e25274. [Impact factor = 3.057].

9. Kaitz M, Sabato R, **Shalev I**, Ebstein RP, Mankuta D. Children's noncompliance during saliva-collection predicts measures of salivary cortisol. *Developmental Psychobiology*. 2011 Jul 14. doi: 10.1002/dev.20580. [Impact factor = 3.163].
8. **Shalev I**, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Vasopressin needs an audience: neuropeptide elicited stress responses are contingent upon perceived social evaluative threats. *Hormones and Behavior*. 2011 Jun;60(1):121-7. [Impact factor = 3.735].
7. Zhong S, Israel S, **Shalev I**, Xue H, Ebstein RP, Chew SH. Dopamine D4 receptor gene associated with fairness preference in ultimatum game. *PLoS ONE*. 2010 Nov 3;5(11):e13765. [Impact factor = 3.057].
6. Perry A, Bentin S, **Shalev I**, Israel S, Uzefovsky F, Bar-On D, Ebstein RP. Intranasal oxytocin modulates EEG mu/alpha and beta rhythms during perception of biological motion. *Psychoneuroendocrinology*. 2010 Nov;35(10):1446-53. [Impact factor = 4.944].
5. Kaitz M, **Shalev I**, Gottlieb N, Samet K, Zohar A, Ebstein RP, Mankuta D. Mothers' dopamine receptor polymorphism modulates the relation between infant fussiness and sensitive parenting. *Developmental Psychobiology*. 2010 Mar;52(2):149-57. [Impact factor = 3.163].
4. Ebstein RP, Israel S, Lerer E, Uzefovsky F, **Shalev I**, Gritsenko I, Riebold M, Salomon S, Yirmiya N. Arginine vasopressin and oxytocin modulate human social behavior. *Annals of the New York Academy of Sciences*. 2009 Jun;1167:87-102. [Impact factor = 4.039].
3. Israel S, Lerer E, **Shalev I**, Uzefovsky F, Riebold M, Laiba E, Bachner-Melman R, Maril A, Bornstein G, Knafo A, Ebstein RP. The oxytocin receptor (OXTR) contributes to prosocial fund allocations in the dictator game and the social value orientations task. *PLoS ONE*. 2009 May 20;4(5):e5535. [Impact factor = 3.057].
2. Levin R, Heresco-Levy U, Bachner-Melman R, Israel S, **Shalev I**, Ebstein RP. Association between arginine vasopressin 1a receptor (AVPR1a) promoter region polymorphisms and prepulse inhibition. *Psychoneuroendocrinology*. 2009 Jul;34(6):901-8. [Impact factor = 4.944].
1. **Shalev I**, Lerer E, Israel S, Uzefovsky F, Gritsenko I, Mankuta D, Ebstein RP, Kaitz M. BDNF Val66Met polymorphism is associated with HPA axis reactivity to psychological stress characterized by genotype and gender interactions. *Psychoneuroendocrinology* 2009 Apr;34(3):382-8. [Impact factor = 4.944].

Book Chapters

Shalev I. and Hastings WJ. Stress and telomere regulation. In Miu AC, Homberg JR, & Lesch KP (Eds). *Genes, brain, and emotions: From resilience to psychopathology*. Oxford, UK: Oxford University Press (in press).

Ebstein RP., **Shalev I.**, Israel S., Uzefovsky F., Avinun R., Knafo A., Yirmiya N., Mankuta D. Oxytocin and vasopressin in human sociality and social psychopathologies. In *Oxytocin, Vasopressin and Related Peptides in the Regulation of Behavior*, p. 343. Cambridge University Press (2013).

Levin R., Edelman S., **Shalev I.**, Ebstein RP., Heresco-Levy U. The role of oxytocin in schizophrenia, anxiety and mood disorders: concepts and mechanisms. In *Brain Protection in Schizophrenia, Mood and Cognitive Disorders*, pp. 611-635. Springer Netherlands (2010).

Shalev I., Lerer E., Israel S., Uzefovsky F., Gritsenko I., Mankuta D., Kaitz M. and Ebstein R.P. Individual differences in reactivity to social stress in the laboratory and its mediation by common genetic polymorphisms. In *Stress-From Molecules to Behavior: A Comprehensive Analysis of the Neurobiology of Stress Responses*, pp. 93-116. Wiley-Blackwell Publishing (2009).

Israel S, Lerer E, **Shalev I.**, Uzefovsky F, Reibold M, Bachner-Melman R, Granot R, Bornstein G, Knafo A, Yirmiya N, Ebstein RP. Molecular genetic studies of the arginine vasopressin 1a receptor (AVPR1a) and the oxytocin receptor (OXTR) in human behaviour: from autism to altruism with some notes in between. *Progress in Brain Research*, 170, 435-49 (2008).

Books

Shalev I. and Ebstein RP (Eds.). Social Hormones and Human Behavior: What Do We Know and Where Do We Go from Here. *Frontiers in Neuroscience*. ISSN 1664-8714. ISBN 978-2-88919-407-0. DOI: 10.3389/978-2-88919-407-0 (2015).

Encyclopedia Entries

Shalev I. & Hastings WJ. Telomere. In Bornstein MH (Gen Ed). *The SAGE Encyclopedia of Lifespan Human Development* (in press).

Oral Presentations (Professional Meetings)

Shalev I. Perinatal Complications Predict Subjective and Objective Aging Indicators by Midlife. *Pediatric Research Day*. Penn State Hershey, PA, USA. May 2016.

Shalev I. Early-life adversity and telomere erosion: Evidence from two longitudinal studies. *Penn State's Fourth Annual Conference on Child Protection and Well-Being*. University Park, PA, USA. September 2015.

Belsky J and **Shalev. I.** Contextual Adversity, Telomere Erosion, Pubertal Development and Health: Two Models of Accelerated Aging—or One? *Epigenetics: Development, Psychopathology, Resilience, and Preventive Intervention*. Minneapolis, MN, USA. May 2015.

Shalev I. Perinatal Complications Predict Subjective and Objective Aging Indicators by Midlife. *Society for Research in Child Development (SRCD)*. Philadelphia, PA, USA. March 2015.

Shalev I. Early life stress, mental health and telomere erosion: Evidence from two longitudinal studies. *Diversity in Telomere Dynamics workshop*. Drymen, Scotland, November 2014.

Shalev I. Jacobs Foundation Conference. *The Genetic Moderation (and Mediation) of Intervention Efficacy*. Marbach Castle, Germany, April 2013.

Shalev I, Moffitt TE, Caspi A. Exposure to violence during childhood is associated with telomere erosion from 5 to 10 years of age: a longitudinal study. *42nd Annual ISPNE Conference*. New York, USA, September 2012. (Presented in a symposium chaired by Nobel laureate Elizabeth Blackburn)

Shalev I, Moffitt TE, Caspi A. Psychobiological effects of juvenile violence exposure: effects on telomere erosion. *The 3rd Klaus-Grawe-Think-Tank-Meeting (KGTM2012)*. Zuoz, Switzerland, June 2012.

Shalev I. Exposure to violence during childhood is associated with telomere erosion from 5 to 10 years of age: a longitudinal study. *Duke University Population Research Institute (DuPRI)*, Duke University, USA. February 2012.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Intranasal administration of arginine vasopressin enhances salivary cortisol rise following social stress (Trier Social Stress Test). *40th Annual ISPNE Conference*. San-Francisco, USA, July 2009.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Intranasal administration of arginine vasopressin enhances salivary cortisol rise following social stress (Trier Social Stress Test). *The 2nd DGPA Spring School*, Dresden, Germany, March 2009.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Intranasal administration of arginine vasopressin enhances salivary cortisol rise following social stress (Trier Social Stress Test). *13th annual meeting of the Israel Society for Biological Psychiatry*. Hagoshrim, Israel, March 2009. (Published as abstract in: *Israel Journal of Psychiatry* 2008;46:Sup 1, p.34)

Shalev I., Lerer E, Gritsenko I, Kaitz M, and Ebstein RP. BDNF Val66Met polymorphism modulates HPA axis reactivity to psychological stress. *39th Annual ISPNE Conference*. Dresden, Germany, July 2008.

Shalev I, Lerer E, Gritsenko I, Kaitz M, and Ebstein RP. BDNF Val66Met polymorphism modulates HPA axis reactivity to psychological stress differently in adults and young men and women. *12th annual meeting of the Israel Society for Biological Psychiatry*. Kfar Giladi, Israel, March 2008. (Published as abstract in: *Israel Journal of Psychiatry* 2008;45:Sup 1, p.14)

Shalev I, Gritsenko I, Nemanov L, Kaitz M, and Ebstein RP. HPA axis reactivity measured by changes in salivary cortisol levels in the Trier Social Stress Test (TSST) in past and never

smokers: Effect of genotype. *11th annual meeting of the Israel Society for Biological Psychiatry*. Kfar Giladi, Israel, March 2007. (Published as abstract in: *Israel Journal of Psychiatry* 2007;44:Sup 1, p.14)

Shalev I, Levin R, Lerer E, Heled E, Cohen L, Raz Y, Hoffine D and Ebstein RP. Association between the Rey-Osterrieth complex figure task scores with catechol-O-Methyltransferase (COMT), dopamine D4 receptor (DRD4) and synaptosomal-associated protein (SNAP25). *15th annual meeting of the Israel Society for Neuroscience*. Eilat, Israel, December 2006. (Published as abstract in: *Neural Plasticity* 2006: vol 1, p.89)

Shalev I, Levin R, Lerer E, Heled E, Cohen L, Raz Y, Hoffine D and Ebstein RP. Association between the Rey-Osterrieth complex figure task scores with catechol-O-Methyltransferase (COMT), dopamine D4 receptor (DRD4) and synaptosomal-associated protein (SNAP25). *10th annual meeting of the Israel Society for Biological Psychiatry*. Hagoshrim, Israel, March 2006. (Published as abstract in: *Israel Journal of Psychiatry* 2006;45:Sup 1, p.14)

Posters (Professional Meetings)

Shalev I, Caspi A, Moffitt TE. Perinatal Complications Predict Subjective and Objective Aging Indicators by Midlife. *44th Annual ISPNE Conference*. Montreal, Canada, August 2014.

Shalev I, Caspi A, Moffitt TE. Perinatal Complications Predict Subjective and Objective Aging Indicators by Midlife. *104rd Annual Meeting of the American Psychopathological Association (APPA)*, New-York, USA, March 2014.

Shalev I, Moffitt TE, Caspi A. Stress-related disorders and leukocyte telomere length: a prospective longitudinal study of four decades. *103rd Annual Meeting of the American Psychopathological Association (APPA)*, New-York, USA, March 2013.

Shalev I, Moffitt TE, Sugden K, Williams B, Houts RM, Danese A, Mill J, Arseneault L, Caspi A. Exposure to violence during childhood is associated with telomere erosion from 5 to 10 years of age: a longitudinal study. *24th Annual Convention of the Association for Psychological Science (APS)*, Chicago, USA, May 2012.

Shalev I, Moffitt TE, Sugden K, Williams B, Houts RM, Danese A, Mill J, Arseneault L, Caspi A. Exposure to violence during childhood is associated with telomere erosion from 5 to 10 years of age: a longitudinal study. *102nd Annual Meeting of the American Psychopathological Association (APPA)*, New-York, USA, March 2012.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Vasopressin needs an audience: neuropeptide elicited stress responses are contingent upon perceived social evaluative threats. *The biology of prosocial behavior*, Emory University, Atlanta, USA, October 2011.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Arginine vasopressin enhances acute stress response in social encounters. *7th World Congress on Stress*, Leiden, Netherlands, August 2010.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Arginine vasopressin enhances acute stress response in social encounters. *The 3rd DGPA Spring School*, Dresden, Germany, March 2010.

Shalev I, Israel S, Uzefovsky F, Gritsenko I, Kaitz M, Ebstein RP. Intranasal administration of arginine vasopressin enhances acute stress response in social encounters. Nice, France, March 2010. (Citation: European Neuropsychopharmacology. *The Journal of the European College of Neuropsychopharmacology* Volume 20 (2010) Supplement 1, Page S54).

Shalev I, Meron Y, Laibe G, Lerer E, Laiba E, Raz Y, Israel S, Bachner-Melman R, Uzefovsky F, Dina C, Kaitz M and Ebstein RP. The role of BDNF Val66Met and stress response in smoking cessation in young women. *16th annual meeting of the Israel Society for Neuroscience*. Eilat, Israel, November 2007. (Published as abstract in: *Neural Plasticity* 2007, p.99).

Ebstein RP, **Shalev I**, Kaitz M, Meron Y, Uzefovsky F. The role of BDNF Val66Met and stress response in smoking cessation in young women. *15th World Congress on Psychiatric Genetics*. New York, USA, October 2007. (Published as abstract in: *WCPG* 2007, p.55).

Invited workshops

November 2014: *Diversity in Telomere Dynamics Conference*. Drymen, Scotland.

July 2014: *Social and Behavioral Epigenetics workshop* sponsored by the Biotechnology and Biological Sciences Research Council and the Economic and Social Science Research Council of the UK, and the US National Science Foundation and National Institutes of Health. Washington DC.

Invited/Guest Lectures

February 2016: *Interdisciplinary Integration in Biobehavioral Health* (BBH 311). Penn State University.

October 2015: Healthy People Penn State Research Conference and Expo, Penn State University.

October 2015: *Child Maltreatment and Advocacy Studies* (HDFS). Penn State University.

October 2015: *Noll Seminar Lecture Series*, Telemores and Aging: A Lifespan Perspective. Penn State University.

March 2015: *Interdisciplinary Integration in Biobehavioral Health* (BBH 311). Penn State University.

February 2015: *Developmental and Health Genetics* (BBH 410). Penn State University.

February 2015: *ProSem in Developmental Psychology* (Psychology). Penn State University.

January 2015: *Scientific Basis of Exercise for Older Adults* (Kinesiology 481W). Penn State University.

November 2014: *The Bio-Psycho-Social-Societal Consequences of Child Maltreatment* (HDFS 597c). Penn State University.

October 2014: *Interdisciplinary Integration in Biobehavioral Health* (BBH 311). Penn State University.

October 2014: *Child Maltreatment Prevention, Intervention, and Legal Issues* (HDFS 452). Penn State University.

October 2014: Healthy People Penn State Research Conference and Expo, Penn State University.

September 2014: Special Interest Group meeting. Center for Healthy Aging, Penn State University.

June 2014: *Stress and telomere biology across the lifespan*. Tel-Aviv University, Israel.

March 2014: *Interdisciplinary Integration in Biobehavioral Health* (BBH 311). Penn State University.

March 2014: *Biobehavioral Aspects of Stress* (BBH 432). Penn State University.

February 2014: *The Bio-Psycho-Social-Societal Consequences of Child Maltreatment* (HDFS 597c). Penn State University.

Teaching

Biobehavioral Aspects of Stress (BBH 432). (Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016)

Biobehavioral Aspects of Aging (BBH 497). (Fall 2016)

Stress and Health across the Lifespan: From Cells to Behavior (BBH 597C). (Fall 2014)

Media

August 2016: Child Maltreatment as a Root Cause of Mortality Disparities ([editorial](#)). 2016, JAMA Psychiatry. [HealthDay](#), [Science Daily](#).

February 2016: Delay discounting, genetic sensitivity, and leukocyte telomere length. [Daily Mail](#), [Telegraph](#), [Yahoo News](#)

December 2015: The Association for Psychological Science (APS) named [Idan Shalev as a 'Rising Star'](#) in their list of outstanding international psychological scientists.

March 2015: NBC News- Interview on lifestyle factors and telomere length.

November 2014: Observer - Association for Psychological Science: [The Long and the Short of It: Chronic Stress Measured at the Cellular Level](#)

May 2014: Observer - Association for Psychological Science: [Eye-Tuned: Integrative science opens a new window into the mind](#)

January 2014: PSU ComRadio interview: New faculty member focuses on stress and its effects on aging.

January 2014: Penn State Daily Newswire: [New faculty member focuses on stress and its effects on aging](#)

November 2013: The Philadelphia Inquirer interview: The Network on Child Protection and Well-Being, The Pennsylvania State University.

July 2013: [WPSU Radio interview: The Network on Child Protection and Well-Being, The Pennsylvania State University.](#)

June 2013: NBC Radio interview: Blood Vessels in the Eye Linked with IQ, Cognitive Function.

June 2013: APS press release: [Blood Vessels in the Eye Linked with IQ, Cognitive Function](#)

<http://www.sciencedaily.com/releases/2013/06/130603135533.htm>

December 2012: [America Now Video - Child abuse accelerates aging process](#) (<http://www.americanownews.com/story/19033662/abused-kids>)

July 2012: Media panel discussant at the meeting of the American Genetic Association, Durham, NC, USA.

May 2012: 24th Annual Convention of the Association for Psychological Science (APS), Chicago, USA. [Convention Video Blog: Violence Exposure During Childhood Is Associated With Telomere Erosion](#) (<http://www.youtube.com/watch?v=eGTE1BLQx8g>)

April 2012: Exposure to Violence during Childhood is Associated with Telomere Erosion from 5 to 10 Years of Age: A Longitudinal Study. [USA Today](#), [Science Daily](#), [WebMD](#), [LiveScience](#), [Science](#), [Time Magazine](#), [Los Angeles Times](#), [Smithsonian](#), [Der Spiegel](#), [Giornalettismo](#)

July 2009: How Men and Women Cope Differently with Stress Traced to Genetic Differences. <http://www.sciencedaily.com/releases/2009/04/090405185031.htm>