

**University of Pittsburgh****School of Medicine****CURRICULUM VITAE****BIOGRAPHICAL**

Name: **Aliona Tsypes, Ph.D.**  
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 Pittsburgh, PA 15213  
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 Email: tsypesa@upmc.edu

**EDUCATION and TRAINING****UNDERGRADUATE**

2009-2012	Hunter College, NY	B.A., 2012 <i>Magna Cum Laude</i> Honors Thesis Advisor: Douglas Mennin, Ph.D.	Psychology
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**GRADUATE**

2014-2020	Binghamton University Binghamton, NY	Ph.D., 2020 Dissertation Advisor: Brandon Gibb, Ph.D.	Clinical Psychology
2019-2020	Western Psychiatric Hospital Pittsburgh, PA	Internship Directors: Michele Levine, Ph.D. & Tina Goldstein, Ph.D.	Clinical Psychology

**POSTGRADUATE**

2020-2023	University of Pittsburgh Department of Psychiatry Pittsburgh, PA	Postdoctoral Fellowship (T32) Mentor: Alexandre Dombrovski, M.D.	Clinical Psychology
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**APPOINTMENTS and POSITIONS****ACADEMIC**

2023-	University of Pittsburgh Pittsburgh, PA	Assistant Professor of Psychiatry
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## CERTIFICATION and LICENSURE

### MEDICAL or OTHER PROFESSIONAL LICENSURE:

Pennsylvania State Board of Psychology (PS019474) 2021-

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### MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

*Society for a Science of Clinical Psychology* 2012-  
*Association for Behavioral and Cognitive Therapies* 2013-  
*Society for Research in Psychopathology* 2023-  
*Society of Biological Psychiatry* 2020-

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### HONORS

Inducted into Psi Chi National Honorary Society 2011

Intensive Undergraduate Research Fellowship, Hunter College 2012

Graduated *Magna Cum Laude*, with honors, Hunter College 2012

Livingston Welch Award "For Outstanding Research in Psychology, Hunter College" 2013

Special recognition by Hunter College president Raab for "outstanding achievements" 2013

SUNY Research Foundation Graduate Student Research Proposal Incentive Program (\$1,000) 2017

NIH Scholarship to Attend Event-Related Potential (ERP) "Boot Camp", University of California, Davis 2017

APS Convention Society Research Award (\$500) 2017

SSCP Student Poster Competition Distinguished Contribution Award (\$100) 2017

Faculty Commendation for Excellence, Binghamton University 2017

Award from the APCS in support of a week-long research visit at Harvard University (\$1,000) 2017

Graduate Student Award for Excellence in Research, Binghamton University 2017

Military Suicide Research Consortium (MSRC) Travel Award 2018

Foundation Travel Grant, Binghamton University 2018

Selected to participate in the Career Development Institute for Psychiatry, Pittsburgh-Stanford 2023

Selected to participate in the Neuroeconomics Summer School, University of Pennsylvania 2023

Society of Biological Psychiatry Travel Fellowship Award 2024

Computational Psychiatry Conference Travel Award 2024

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## PUBLICATIONS

### ORIGINAL PEER REVIEWED ARTICLES

1. **Tsypes A**, Aldao A, Mennin DS. Emotion dysregulation and sleep difficulties in generalized anxiety disorder. *J Anxiety Disord*. Netherlands; 2013 Mar;27(2):197–203. PMID: 23474909  
**Role:** Developed study concept, performed data entry/coding/analysis, and drafted manuscript
2. Miranda R, **Tsypes A**, Gallagher M, Rajappa K. Rumination and Hopelessness as Mediators of the Relation Between Perceived Emotion Dysregulation and Suicidal Ideation. *Cogn Ther Res*. 2013 Aug 1;37(4):786–795.  
**Role:** Performed data analysis and co-drafted manuscript
3. Miranda R, Polanco-Roman L, **Tsypes A**, Valderrama J. Perceived discrimination, ruminative subtypes, and risk for depressive symptoms in emerging adulthood. *Cultur Divers Ethnic Minor Psychol*. 2013 Oct;19(4):395–403. PMCID: PMC6002758  
**Role:** Performed data analysis and co-drafted manuscript
4. Miranda R, Valderrama J, **Tsypes A**, Gadol E, Gallagher M. Cognitive inflexibility and suicidal ideation: mediating role of brooding and hopelessness. *Psychiatry Res*. 2013 Nov 30;210(1):174–181. PMCID: PMC6003697  
**Role:** Performed data analysis and co-drafted manuscript
5. Polanco-Roman L, **Tsypes A**, Soffer A, Miranda R. Ethnic differences in prevalence and correlates of self-harm behaviors in a treatment-seeking sample of emerging adults. *Psychiatry Res*. Ireland; 2014 Dec 30;220(3):927–934. PMID: 25446462  
**Role:** Co-developed study concept, performed data analysis, and co-drafted manuscript
6. Paul E, **Tsypes A**, Eidlitz L, Ernhout C, Whitlock J. Frequency and functions of non-suicidal self-injury: associations with suicidal thoughts and behaviors. *Psychiatry Res*. Ireland; 2015 Feb 28;225(3):276–282. PMID: 25592979  
**Role:** Developed study concept, performed data entry analysis, and co-drafted manuscript
7. **Tsypes A**, Gibb BE. Peer Victimization Mediates the Impact of Maternal Depression on Risk for Suicidal Ideation in Girls but not Boys: A Prospective Study. *J Abnorm Child Psychol*. 2015 Nov;43(8):1439–1445. PMCID: PMC4772887  
**Role:** Developed study concept, performed data analysis, and drafted manuscript
8. **Tsypes A**, Lane R, Paul E, Whitlock J. Non-suicidal self-injury and suicidal thoughts and behaviors in heterosexual and sexual minority young adults. *Compr Psychiatry*. United States; 2016 Feb;65:32–43. PMID: 26773988  
**Role:** Developed study concept, performed data analysis, and drafted manuscript
9. **Tsypes A**, Gibb BE. Cognitive vulnerabilities and development of suicidal thinking in children of depressed mothers: A longitudinal investigation. *Psychiatry Res*. Ireland; 2016 May 30;239:99–104. PMID: 27137968  
**Role:** Developed study concept, performed data analysis, and drafted manuscript
10. **Tsypes A**, Burkhouse KL, Gibb BE. Classification of facial expressions of emotion and risk for suicidal ideation in children of depressed mothers: Evidence from cross-sectional and prospective analyses. *J Affect Disord*. 2016 Jun;197:147–150. PMCID: PMC5666690  
**Role:** Developed study concept, performed data processing/analysis, and drafted manuscript
11. **Tsypes A**, Owens M, Hajcak G, Gibb BE. Neural responses to gains and losses in children of suicide attempters. *J Abnorm Psychol*. 2017 Feb;126(2):237–243. PMCID: PMC5305438

**Role:** Developed study concept, performed data collection/processing/analysis, and drafted manuscript

12. **Tsypes A**, Owens M, Gibb BE. Suicidal ideation and attentional biases in children: An eye-tracking study. *J Affect Disord*. 2017 Nov;222:133–137. PMID: PMC5555080

**Role:** Developed study concept, performed data collection/processing/analysis, and drafted manuscript

13. Polanco-Roman L, Moore A, **Tsypes A**, Jacobson C, Miranda R. Emotion Reactivity, Comfort Expressing Emotions, and Future Suicidal Ideation in Emerging Adults. *J Clin Psychol*. 2018 Jan;74(1):123–135. PMID: PMC5681888

**Role:** Co-developed study concept, performed data analysis, and co-drafted manuscript

14. **Tsypes A**, James KM, Woody ML, Feurer C, Kudinova AY, Gibb BE. Resting respiratory sinus arrhythmia in suicide attempters. *Psychophysiology*. 2018 Feb;55(2). PMID: PMC5773381

**Role:** Developed study concept, performed data processing/analysis, and drafted manuscript

15. Feurer C, Woody ML, **Tsypes A**, Burkhouse KL, Champagne K, Gibb BE. Episodic Life Stress and the Development of Overgeneral Autobiographical Memory to Positive Cues in Youth. *J Abnorm Child Psychol*. 2018 Nov;46(8):1563–1571. PMID: PMC6093815

**Role:** Performed data coding and co-drafted manuscript

16. **Tsypes A**, Owens M, Hajcak G, Gibb BE. Neural reward responsiveness in children who engage in nonsuicidal self-injury: an ERP study. *J Child Psychol Psychiatry*. 2018 Dec;59(12):1289–1297. PMID: PMC6192869

**Role:** Developed study concept, performed data collection/processing/analysis, and drafted manuscript

17. **Tsypes A**, Angus DJ, Martin S, Kemkes K, Harmon-Jones E. Trait anger and the reward positivity. *Personal Individ Differ*. 2019 Jul 1;144:24–30.

**Role:** Developed study concept, performed data processing/analysis, and drafted manuscript

18. **Tsypes A**, Owens M, Gibb BE. Blunted Neural Reward Responsiveness in Children with Recent Suicidal Ideation. *Clin Psychol Sci J Assoc Psychol Sci*. 2019 Sep;7(5):958–968. PMID: PMC7009725

**Role:** Developed study concept, performed data collection/processing/analysis, and drafted manuscript

19. **Tsypes A**, Gibb BE. Time of day differences in neural reward responsiveness in children. *Psychophysiology*. United States; 2020 May;57(5):e13550. PMID: 32100312

**Role:** Developed study concept, performed data collection/processing/analysis, and drafted manuscript

20. **Tsypes A**, Owens M, Gibb BE. Reward Responsiveness in Suicide Attempters: An Electroencephalography/Event-Related Potential Study. *Biol Psychiatry Cogn Neurosci Neuroimaging*. 2021 Jan;6(1):99–106. PMID: PMC7581535

**Role:** PI, developed study concept, performed data collection/processing/analysis, and drafted manuscript

21. James KM, Foster CE, **Tsypes A**, Owens M, Gibb BE. Maternal criticism and children's neural responses to reward and loss. *J Exp Child Psychol*. United States; 2021 Nov;211:105226. PMID: 34252754

**Role:** Performed data collection/analysis and provided revisions for manuscript

22. **Tsypes A**, Szanto K, Bridge JA, Brown VM, Keilp JG, Dombrovski AY. Delay discounting in suicidal behavior: Myopic preference or inconsistent valuation? *J Psychopathol Clin Sci*. 2022 Jan;131(1):34–44. PMID: PMC8893041

**Role:** Developed study concept, performed data analysis, and drafted manuscript

23. Woody ML, **Tsypes A**, Burkhouse KL, Feurer C, Champagne K, Gibb BE. Development of Overgeneral Autobiographical Memory in Offspring of Depressed Mothers. *J Clin Child Adolesc Psychol Off J Soc Clin Child Adolesc Psychol Am Psychol Assoc Div 53*. 2022 Feb;51(1):73–84. PMID: PMC7044035

**Role:** Co-developed study concept, performed data coding, and co-drafted manuscript

24. Gibb BE, **Tsypes A**, Israel E, Owens M. Age differences in neural response to reward and loss in children. *Psychophysiology*. United States; 2022 Aug;59(8):e14039. PMID: 35239980  
**Role:** Provided methodological consultation, performed data analysis, provided revisions for manuscript
25. **Tsypes A**, Kaurin A, Wright AGC, Hallquist MN, Dombrowski AY. Protective effects of reasons for living against suicidal ideation in daily life. *J Psychiatr Res*. 2022 Apr;148:174–180. PMID: PMC8957575  
**Role:** Developed study concept, performed data analysis, and drafted manuscript
26. Hamilton JL, **Tsypes A**, Zelazny J, Sewall CJR, Rode N, Merranko J, Brent DA, Goldstein TR, Franzen PL. Sleep influences daily suicidal ideation through affective reactivity to interpersonal events among high-risk adolescents and young adults. *J Child Psychol Psychiatry*. 2023 Jan; 64:27-38. PMID: 35778912  
**Role:** Co-developed study concept, performed data analysis, and co-drafted manuscript
27. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrowski, A.Y. (in press). Exploration-exploitation and suicidal behavior in borderline personality disorder and depression. *JAMA Psychiatry*.  
**Role:** Developed study concept, performed data analysis, and drafted manuscript

#### OTHER PEER REVIEWED ARTICLES

1. Gibb BE, **Tsypes A**. Using Event-Related Potentials to Improve Our Prediction of Suicide Risk. *Biol Psychiatry Cogn Neurosci Neuroimaging*. United States; 2019 Oct;4(10):854–855. PMID: 31590722  
**Role:** Co-developed review concept and co-drafted manuscript

#### BOOKS, BOOK CHAPTERS AND MONOGRAPHS

1. Liu RT, Kudinova AY, **Tsypes A**, & Cheek SM. (2022). Perspectives on the neurobiology of youth suicide within the RDoC framework. In E. Jeglic & R. Miranda (Eds.), *Handbook of Youth Suicide Prevention: Integrating Research into Practice*. Springer Publishing, pp. 59-73.  
**Role:** Co-developed review concept and co-drafted manuscript

#### ABSTRACTS

1. Gadol, E., **Tsypes, A.**, Valderrama, J.A., & Miranda, R. (2012, April). Rumination and hopelessness as mediators of the prospective relationship between cognitive inflexibility and suicidal ideation in young adults. Poster presented at the annual meeting of the Anxiety Disorders Association of America, Arlington, VA.
2. **Tsypes, A.**, Aldao, A., & Mennin, D. S. (2012, April). Emotion dysregulation as a mediator of the relationship between GAD diagnosis and sleep problems. Poster presented at the annual meeting of the Anxiety Disorders Association of America, Arlington, VA.
3. **Tsypes, A.**, Aldao, A., & Mennin, D. S. (2012, April). The role of emotion dysregulation in the sleep problems associated with GAD diagnosis. In **Tsypes, A.** & Cooper, S.E. (Chairs), *The role of motivation, emotion, and emotion regulation in healthy and anxious people*. Symposium conducted at the meeting of the Northeast Undergraduate Research Organization for Neuroscience (N.E.U.R.O.N). Hunter College, New York, NY.
4. Valderrama, J.A., **Tsypes, A.**, Gadol, E, & Miranda, R. (2012, April). Cognitive inflexibility, suicidal ideation, and the mediating role of rumination and hopelessness. Poster presented during the Research Day of the Graduate Center of the City University of New York.
5. Cooper, S.E., **Tsypes, A.**, Miranda, R., & Mennin, D.S. (2012, May). Behavioral disengagement from emotion is associated with increased worry in generalized anxiety disorder, but not depression. Poster presented at the annual meeting of the Association of Psychological Science, Chicago, IL.
6. **Tsypes, A.**, Gallagher, M., & Miranda, R. (2012, May) Rumination and hopelessness mediate the relationship between emotion dysregulation and suicidal ideation. Poster presented at the annual meeting of the Association of Psychological Science, Chicago, IL.
7. Jacobson, C., **Tsypes, A.**, Lane, R., Wheeler, A., & Miranda, R. (2012, November). Managing emotions and

suicide: Difficulty with emotional reactivity and expressiveness predict suicidality among college students. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies in National Harbor, MD (SIG Suicide/NSSI Presentation).

8. Miranda, R., **Tsypes, A.**, Valderrama, J.A., & Polanco, L. (2012, November). Perceived discrimination, ruminative subtypes, and vulnerability to depressive symptoms and suicidal ideation. In Jeglic, E. & Miranda, R. (Chairs), Culture and cognition: Interplay in explaining risk and identifying culturally sensitive treatment targets in racially/ethnically diverse young adults. Symposium conducted at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies in National Harbor, MD.
9. **Tsypes, A.**, Aldao, A., & Mennin, D. S. (2012, November). The role of emotion dysregulation in the sleep problems associated with GAD diagnosis. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies in National Harbor, MD.
10. **Tsypes A.**, & Miranda, R. (2012, November). Emotion reactivity and brooding: Interaction in predicting suicidal ideation. Poster presented at the 46th annual meeting of the Association for Behavioral and Cognitive Therapies in National Harbor, MD.
11. Polanco, L., **Tsypes, A.**, Valderrama, J.A., & Miranda, R. (2012, December). Perceived discrimination, ruminative cognition, and depression. Poster presented during 13th RCMI International Symposium on Health Disparities in San Juan, Puerto Rico.
12. **Tsypes, A.**, Gallagher, M., Rajappa, K., & Miranda, R. (2013, March). Rumination, hopelessness, and emotion dysregulation in the prospective risk for suicidal behavior. In Jacobson, C. (Chair), Exploring interpersonal and intrapersonal emotional factors associated with suicidal and self-injurious thoughts and behaviors. Symposium conducted at the 84th annual meeting of the Eastern Psychological Association, New York, NY.
13. Lane, R., **Tsypes, A.**, Jacobson, C., & Miranda, R. (2013, April). Verbal emotional expressivity mediates the relationship between hopelessness and suicidal ideation. In A. Wheeler (Chair), Understanding why young people attempt suicide: Cognitive, emotional, and cultural factors. Symposium conducted at the meeting of the Northeast Undergraduate Research Organization for Neuroscience (N.E.U.R.O.N). Hunter College, New York, NY.
14. **Tsypes, A.**, & Miranda, R. (2013, April). Brooding rumination and emotion reactivity in predicting suicidal ideation and attempts. In A. Wheeler (Chair), Understanding why young people attempt suicide: Cognitive, emotional, and cultural factors. Symposium conducted at the meeting of the Northeast Undergraduate Research Organization for Neuroscience (N.E.U.R.O.N). Hunter College, New York, NY.
15. Lane, R., **Tsypes A.**, Jacobson, C. & Miranda, R. (2013, June). Verbal emotional expressivity mediates the relationship between hopelessness and suicidal ideation. Poster presented at the 2013 IASR World Congress on Suicide in Montreal, Canada.
16. Polanco-Roman, L., **Tsypes A.**, & Miranda, R. (2013, June). Ethnic differences in risk and protective factors for NSSI and suicide attempts among young adults in the Northeastern U.S. Poster presented at the 2013 IASR World Congress on Suicide in Montreal, Canada.
17. **Tsypes A.**, & Miranda, R. (2013, June). Brooding rumination and emotion reactivity in predicting suicidal ideation and attempts. Poster presented at the 2013 IASR World Congress on Suicide in Montreal, Canada.
18. Tsypes A., Polanco-Roman, L., & Miranda, R. (2013, June). Risk factors for and buffers against self-injurious thoughts and behaviors in LGB versus heterosexual young adults. Poster presented at the 2013 IASR World Congress on Suicide in Montreal, Canada.
19. **Tsypes A.**, & Miranda, R. (2014, April). Daily patterns of emotion regulation in young adults with different histories of self-injurious thoughts and behaviors. Poster presented at the 47th annual conference of the American Association of Suicidology in Los Angeles, CA.
20. Polanco-Roman, L., **Tsypes A.**, Soffer, A., & Miranda, R. (2014, August). Ethnic differences in prevalence and correlates of non-suicidal self-injury and suicide attempts among emerging adults. Paper presented at the 122nd annual convention of the American Psychological Association in Washington, D.C.
21. **Tsypes A.**, Paul, E., Lane, R., & Whitlock, J. (2014, November). Non-suicidal self-injury and suicidal thoughts and behaviors in heterosexual and sexual minority emerging adults. Poster presented at the 48th annual meeting of the Association for Behavioral and Cognitive Therapies in Philadelphia, PA (SIG Suicide/NSSI Presentation).
22. **Tsypes, A.**, & Gibb, B.E. (2015, March). Attention biases to emotional stimuli in children at risk for suicidal behavior. Poster presented at the 2015 biennial meeting of the Society for Research in Child Development

in Philadelphia, PA.

23. **Tsypes, A.**, & Gibb, B.E. (2015, May). Cognitive risk factors for suicidal thinking in children of depressed mothers: A prospective study. Poster presented at the 27th APS annual convention in New York, NY.
24. Paul, E., **Tsypes, A.**, Eidlitz, L., Ernhout, C., & Whitlock, J. (2015, June). Associations of reasons for self-injurious behaviors with suicidal thoughts and behaviors. Poster presented at the 28th World Congress of the International Association for Suicide Prevention in Montreal, Canada.
25. **Tsypes, A.**, & Gibb, B.E. (2015, June). Peer victimization mediates the impact of maternal depression on risk for suicidal ideation in girls but not boys: A prospective study. Poster presented at the 28th World Congress of the International Association for Suicide Prevention in Montreal, Canada.
26. **Tsypes A.**, Burkhouse, K.L., & Gibb, B. E. (2015, October). Classification of facial expressions of emotion in children with and without a history of maternal depression and suicidal thinking. Poster presented at the 2015 IASR/AFSP International Summit on Suicide Research in New York, NY.
27. **Tsypes A.**, & Gibb, B. E. (2015, October). Prospective examination of peer victimization as a mediator of the relation between maternal depression and the onset of suicidal thinking in their children: A sex-moderated mediational model. In K. Posner (Chair), *Differentiating types of suicidal behavior*. Paper presentation conducted at the 2015 IASR/AFSP International Summit on Suicide Research in New York, NY.
28. Rosario, B., Miranda, R., & **Tsypes A.** (2015, November). Emotion dysregulation and self-harm behavior. Poster presented at the 2015 annual Biomedical Research Conference for Minority Students in Seattle, WA.
29. **Tsypes, A.**, Owens, M., Hajcak, G., & Gibb, B.E. (2016, September). Neural responses to gains and losses in children of suicide attempters. Poster presented at the 30th annual meeting of the Society for Research in Psychopathology in Baltimore, MD.
30. **Tsypes, A.**, Owens, M., Hajcak, G., & Gibb, B.E. (2016, October). Neural responses to gains and losses in children of suicide attempters. Poster presented at the 50th annual meeting of the Association for Behavioral and Cognitive Therapies in New York, NY.
31. Gibb, B.E., Burkhouse, K.L., Owens, M., Hajcak, G., Woody, M.L., Kudinova, A.Y., **Tsypes, A.**, Feurer, C., Sosoo, E., & Funk, E. (2016, October). Aversive conditioning to fearful faces induces emotion-specific attentional biases in children. In V. Gabbay (Chair). *Research Domain Criteria (RDoC) research strategies in pediatric mental health*. Symposium conducted at the meeting of the American Academy of Child and Adolescent Psychiatry, New York, NY.
32. **Tsypes, A.**, Owens, M, & Gibb, B.E. (2016, October). Selective attention towards emotional faces in children with a history of suicidal ideation. In **Tsypes, A.** (Chair), *Understanding complexity: Using multiple levels of analysis to improve the transdiagnostic understanding and treatment of suicidal thoughts and behaviors*. Symposium conducted at the 50th annual meeting of the Association for Behavioral and Cognitive Therapies in New York, NY.
33. **Tsypes, A.**, Owens, M., Hajcak, G., & Gibb, B.E. (2017, May). Neural reward responsiveness in children with nonsuicidal self-injury. Poster presented at the 29th annual convention of the Association for Psychological Science in Boston, MA.
34. Feurer, C., Woody, M.L., **Tsypes, A.**, Burkhouse, K.L., Champagne, K., & Gibb, B.E. (2017, November). Episodic life stress and the development of overgeneral autobiographical memory to positive cues in youth. Poster presented at the 51st annual meeting of the Association for Behavioral and Cognitive Therapies in San Diego, CA.
35. **Tsypes, A.**, James, K.M., Woody, M.L., Feurer, C., Kudinova, A., & Gibb, B.E. (2017, November). Resting respiratory sinus arrhythmia in suicide attempters. Poster presented at the 51st annual meeting of the Association for Behavioral and Cognitive Therapies in San Diego, CA.
36. Woody, M. L., **Tsypes, A.**, Burkhouse, K. L., Feurer, C., Champagne, K., & Gibb, B. E. (2017, November). Development and maintenance of overgeneral autobiographical memory in children of depressed mothers. Poster presented at the 51st annual meeting of the Association for Behavioral and Cognitive Therapies in San Diego, CA.
37. Polanco-Roman, L., Moore, A., **Tsypes, A.**, Jacobson, C., & Miranda, R. (2018, April). Emotion reactivity, comfort expressing emotions, and future suicidal ideation in emerging adults. In Disabato, D., & Goodman, F. (Chairs). *Expanding the scientific scope of emotion dysregulation: Novel topics and clinical applications*. Symposium conducted at the meeting of the Anxiety and Depression Association of America in Washington, DC.
38. **Tsypes, A.**, Owens, M., & Gibb, B.E. (2018, November). Blunted reward responsiveness in children and

- adults with suicidal thoughts and behaviors: Evidence from two event-related potential studies. In Tsypes, A., & James, K. (Chairs), Using cutting-edge approaches to advance our understanding and treatment of self-harming thoughts and behaviors. Symposium conducted at the 52nd annual meeting of the Association for Behavioral and Cognitive Therapies in Washington, D.C.
39. **Tsypes, A.**, James, K.M., Kudinova, A.Y., Hastings, P.D., & Gibb, B.E. (2019, March). Communication of facial affect during mother-child interactions as a potential mechanism of the intergenerational transmission of suicide risk. Thematic flash talk presented at the 2019 Society for Affective Science conference in Boston, MA.
  40. James, K. M., Foster, C., **Tsypes, A.**, & Gibb, B. E. (2019, November). Maternal criticism and children's neural responses to reward. Poster presented at the 53rd annual meeting of the Association for Behavioral and Cognitive Therapies in San Diego, CA.
  41. Beene, J. E., Johnson, B.N. (Chair), Levy, K. N., Scott, L. N., Sharp, C., **Tsypes, A.**, & Vanwoerden, S. (2020, April). A Q&A panel on grant writing for young researchers: NIH, NSF, and beyond. Panel to be presented at the 8th annual conference of the North American Society for the Study of Personality Disorders, Pittsburgh, PA. (Conference canceled)
  42. **Tsypes, A.**, Szanto, K., Bridge, J. A., Brown, V. M., Keilp, J. G., & Dombrovski, A. Y. (2020, May). Delayed reward valuation in high-lethality suicidal behavior: Deficit or preference? A multi-site study. Poster to be presented at the 75th annual meeting of the Society of Biological Psychiatry in New York, NY. (Conference canceled)
  43. **Tsypes, A.**, Owens, M., & Gibb, B.E. (2020, November). Reward processing in suicide attempters: An EEG/ERP Study. In **Tsypes, A.**, & Del Rosario, B. (Chairs), Mechanisms of attention and reward in self-injurious thoughts and behaviors. Symposium conducted at the 54th annual meeting of the Association for Behavioral and Cognitive Therapies (virtual format).
  44. **Tsypes, A.**, Kaurin, A., Wright, A. G.C., Hallquist, M.N., & Dombrovski, A. Y. (2021, April). The dynamics of reasons for living and suicidal ideation in borderline personality disorder. Talk presented at the 9th annual conference of the North American Society for the Study of Personality Disorders (virtual format).
  45. Beene, J. E., Johnson, B.N. (Chair), Levy, K. N., Scott, L. N., Sharp, C., **Tsypes, A.**, & Vanwoerden, S. (2021, April). A Q&A panel on grant writing for young researchers: NIH, NSF, and beyond. Panel presented at the 9th annual conference of the North American Society for the Study of Personality Disorders (virtual format).
  46. **Tsypes, A.**, Szanto, K., Bridge, J. A., Brown, V. M., Keilp, J. G., & Dombrovski, A. Y. (2021, October). Delayed reward valuation in high-lethality suicidal behavior: Myopic Preference or Inconsistent Valuation? Talk presented at the virtual IASR/AFSP International Summit on Suicide Research.
  47. **Tsypes, A.**, Szanto, K., Bridge, J. A., Brown, V. M., Keilp, J. G., & Dombrovski, A. Y. (2021, October). Delayed reward valuation in high-lethality suicidal behavior: Myopic Preference or Inconsistent Valuation? Poster presented at the annual Pittsburgh Psychiatry Research Day.
  48. **Tsypes, A.**, Hallquist, M.N., & Dombrovski, A. Y. (2022, November). Reinforcement-based behavioral adaptation in attempted suicide. In Jaroszewski, A. & Franz, P. J. (Chairs), Selecting suicide during crisis: Clarifying mechanisms of suicide risk using decision science approaches. Symposium conducted at the 56th annual meeting of the Association for Behavioral and Cognitive Therapies in New York, NY.
  49. Hallquist, M. N., **Tsypes, A.**, Okan, A., Do, K., & Dombrovski, A. Y. (2022, December). Failure to resolve the explore-exploit dilemma in borderline personality disorder: Relationships with dimensional psychopathology and suicidal behavior. In Pecina, M. (Chair), Explore/exploit dilemma and psychopathology. Symposium conducted at the 61<sup>st</sup> annual meeting of the American College of Neuropsychopharmacology in Phoenix, AZ.
  50. **Tsypes, A.**, Hallquist, M.N., Kaurin, A., Wright, A.G.C., & Dombrovski, A. Y. (2023, April). Reinforcement learning as a framework to understand decision-making in a crisis. In **Tsypes, A.** (Chair), How mathematical and computational modeling can contribute to suicide research. Symposium conducted at the second annual Suicide Research Symposium (virtual format).
  51. Hallquist, M. N., **Tsypes, A.**, Okan, A., Do, K., & Dombrovski, A. Y. (2023, July). Dorsal stream responses to decision overload in attempted suicide. Poster presented at the Computational Psychiatry Conference in Dublin, Ireland.
  52. Dombrovski, A. Y., **Tsypes, A.**, Ianni, A., & Hallquist, M. N. (2023, July). Impulsivity as under-exploration: Two clinical studies of foraging in a continuous 1-D space. Poster presented at the Computational



Psychiatry Conference in Dublin, Ireland.

53. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2023, July). Resolution of the explore-exploit dilemma in attempted suicide. Poster presented at the Annual Interdisciplinary Symposium on Decision Neuroscience in Philadelphia, PA.
54. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2023, October). Exploration and learning and suicidal behavior in borderline personality. In **Tsypes, A.** & Dombrovski, A.Y. (Co-chairs), *Understanding affect and behavior in a suicidal crisis: Insights from cognitive computational neuroscience and idiographic statistical modeling*. Symposium conducted at the 2023 IASR/AFSP International Summit on Suicide Research in Barcelona, Spain.
55. Dombrovski, A.Y., **Tsypes, A.**, Ianni, A., & Hallquist, M. (2023, October). Option competition in frontoparietal networks and suicidal behavior. In Szanto, A. (Chair), *Neural circuitry, mood regulation, and decision-making*. Symposium conducted at the 2023 IASR/AFSP International Summit on Suicide Research in Barcelona, Spain.
56. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2023, December). Resolution of the explore-exploit dilemma, attempted suicide, and suicidal thinking in daily life. Poster presented at the 62<sup>nd</sup> Annual Meeting of the American College of Neuropsychopharmacology in Tampa, FL.
57. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2024, February). Exploration/exploitation, behavioral adjustment, and suicidal behavior in borderline personality and depression. Talk presented at the inaugural conference for Division 12 (Society of Clinical Psychology) in Atlanta, GA.
58. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2024, April). Computational modeling reveals distinct behavioral signatures in high-lethality compared to low-lethality suicide attempters. Talk presented at the third annual Suicide Research Symposium (virtual format).
59. **Tsypes, A.**, Hallquist, M.N., Ianni, A., Kaurin, A., Wright, A.G.C., & Dombrovski, A.Y. (2024, May). Behavioral signatures of high- vs. low-lethality suicidal behavior during exploration/exploitation: A computational study. In Ballard, E. (Chair), *Computational Psychiatry Approaches to Suicide Risk*. Symposium presented at the 2024 Annual Meeting of the Society of Biological Psychiatry in Austin, Texas.
60. **Tsypes, A.**, Hallquist, M.N., Eldar, E., & Dombrovski, A.Y. (2024, July). The effects of mood on exploration-exploitation. In Dombrovski, A.Y. (Chair), *Reinforcement learning models of psychological states vs. traits: Intensive longitudinal and neural studies*. Symposium to be presented at the 2<sup>nd</sup> Computational Psychiatry Conference in Twin Cities, Minnesota.

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## PROFESSIONAL ACTIVITIES

### TEACHING

#### Medical Student/Clinical Intern Teaching:

2022, 2023	Didactics Presenter, Western Psychiatric Hospital (WPH) Clinical Psychology Internship Program
2023, 2024	Lecture on late-life suicide presented as part of the Geriatric Fellowship Integrated Lectures series

#### Undergraduate Student Teaching:

2011	Teaching Assistant, <i>Social Psychology</i> , Hunter College, assisted with grading, office hours, and exam proctoring.
2016	Guest Lecturer, <i>Learning</i> , Binghamton University, delivered 1.5-hour session on the foundations of operant conditioning
2018	Instructor of Record, <i>Understanding Suicide (writing intensive seminar)</i> , Binghamton University, developed and taught to upper level junior and senior psychology majors, 5 two-hour sessions per week

for 5 weeks

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## RESEARCH

### Current Grant Support:

Grant Number	Grant Title	Role in Project	Years Inclusive	Source/\$ Amount
K23 MH130664	Cortical Oscillatory Dynamics and Decision Deficits in Suicidal Behavior	PI 100% Effort 12 CM	2023-2028	NIMH \$916, 893

### Prior Grant Support:

Grant Number	Grant Title	Role in Project	Years Inclusive	Source/\$ Amount
T32 MH018269	Clinical Research Training for Psychologists	Postdoctoral Trainee	2020-2023	NIMH
	Cognition, Attention, Reward, and Emotion in Suicide Attempters	PI	2014-2017	National Science Foundation Graduate Research Fellowship Program \$138,000
	Using EEG/ERP to Gain a Fine-grained Understanding of Reward Processing	PI	2017	National Science Foundation Graduate Research Opportunities Worldwide \$10,700
	Presidential Distinguished Student Research Award	PI	2017	Binghamton University \$10,000
	Dissertation Research Award	PI	2017	APA \$1,000
	Charles and Carol Spielberger Scholarship	PI	2017	American Psychological Foundation \$5,000

F31 MH114319 (Impact score: 14; 3 <sup>rd</sup> percentile)	A Fine-grained EEG/ERP Examination of Reward Processing in Suicide Attempters	PI	2017-2019	NIMH \$62,303
	Dissertation Grant Award	PI	2018	Society for a Science of Clinical Psychology \$500

### LIST of CURRENT RESEARCH INTERESTS:

Neural reward-related processes (i.e., RDoC Positive Valence Domain constructs of reward responsiveness, reward learning, and reward valuation) involved in suicidal behavior

Reinforcement learning (explore/exploit dilemma) in suicidal behavior as a proxy for value-based decision-making in dynamic environments under cognitive demands approximating those of a crisis

Links between laboratory and daily life behavior in high-risk individuals

Elucidating factors that differentiate at-risk individuals (i.e., children of parents with a history of depression or suicidality; individuals with borderline personality disorder) from lower risk individuals and mechanisms of risk for suicidal behavior in these individuals

### INVITED SEMINARS AND LECTURESHIPS

#### National Presentations

2022            **Tsypes A** “Suicidal Behavior and the Brain”, Invited Lecture hosted as part of the Brain Awareness Week, School of Applied Sciences, University of Mississippi, Oxford, MS

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### SERVICE

**Note.** \* denotes Diversity, Equity, and Inclusivity (DEI) focused activities

#### Service at the University of Pittsburgh

2020-            Admissions Reviewer and Interviewer, Western Psychiatric Hospital (WPH) Clinical Psychology Internship Program

2023-            Interviewer for the Resident Psychiatry Research Pathway Program

2023-            \*Member, Advocacy workgroup, Department of Psychiatry, University of Pittsburgh

2023-            Invited expert for the WPH Wide Journal Club

#### National Service

2012–2013            APS Student Research Award reviewer

2012–2019            APA (Division 12) conference submissions reviewer

2016- Ad-hoc reviewer for *American Journal of Psychiatry*, *Archives of Suicide Research*, *Assessment*, *Biological Psychology*, *Clinical Psychological Science*, *Development and Psychopathology*, *Crisis: The Journal of Crisis Intervention and Suicide Prevention*, *Emerging Adulthood*, *International Journal of Psychophysiology*, *Journal of Abnormal Child Psychology*, *Journal of Abnormal Psychology*, *Journal of Affective Disorders*, *Journal of Family Violence*, *Journal of LGBT Youth*, *Journal of Research on Adolescence*, *Journal of the American Academy of Child and Adolescent Psychiatry*, *Nature Mental Health*, *Psychiatry Research*, *Psychophysiology*, *Scientific Reports*

2018 APS Rise Award Reviewer  
AAS Conference Abstract Reviewer