

# Natasha A. Tonge, PhD

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## EDUCATION

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- 2016-2020 **Washington University in St. Louis – St. Louis, MO**  
*Doctor of Philosophy, Clinical Psychology*  
*Dissertation* – Does Interpersonal Impairment Affect Prediction of Others' Behavior?: An Investigation Using a Modified Prisoner's Dilemma Task  
*Committee* – Renee Thompson, Ph.D, Leonard Green, Ph.D, Eric Lenze, MD., Mike Strube, Ph.D, Thomas Rodebaugh, Ph.D (Chair).
- 2013-2016 **Washington University in St. Louis – St. Louis, MO**  
*Master of Arts, Clinical Psychology*  
*Thesis* – Anxious anticipation of a social threat and its effect on time estimation.  
*Committee* – Ryan Bogdan, Ph.D, Jeff Zacks, Ph.D, Thomas Rodebaugh, Ph.D .
- 08/07 – 05/11 **Swarthmore College – Swarthmore, PA**  
Bachelor of Arts, Special Major in Biopsychology, Minor in Art History.

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## INTERNSHIP

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- 08/19-08/20 **Minneapolis Veterans Health Care Services**  
*Pre-doctoral internship*  
*Rotations* – Team Z (SMI), Psychiatry Partial Hospitalization, Primary Care Mental Health Integration, Time Limited Dynamic Psychotherapy, Motivational Interviewing

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## CLINICAL EXPERIENCE

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- 09/14–05/19 **Student therapist: Psychological Services Center, Washington University in St. Louis**  
*Supervisors* – Chad Keller, Ph.D; Amy Bertelson, Ph.D.; James Reid, Ph.D; Thomas L. Rodebaugh, Ph.D; Brian Carpenter, Ph.D.  
*Setting* – Outpatient community clinic
- 09/17–12/19 **Practicum Student: Saturday Neighborhood Health Clinic, St. Louis MO**  
*Supervisors* – Brian Carpenter, Ph.D & Desiree White, Ph.D  
*Setting* – Student-run outpatient community mental health clinic
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- 09/16–08/17 **Practicum Student: St. Louis Psychiatric Rehabilitation Center, St. Louis MO**  
*Supervisor* – Lily Raymond, Ph.D  
*Setting* – Inpatient forensic psychiatric hospital
- 09/15–08/16 **Practicum Student: St. Louis Behavioral Medicine Institute, St. Louis MO**  
*Supervisor* – C. Alec Pollard, Ph.D & Christopher Murdock, M.A.  
*Setting* – Intensive outpatient program for anxiety and Related disorders
- 05/15–08/15 **Practicum student: Washington University Sleep Medicine Center– St. Louis MO**  
*Supervisor* – Amy Bertelson, Ph.D.  
*Setting* – Outpatient hospital – sleep clinic

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### CLINICAL SUPERVISION EXPERIENCE

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- 2017–2018 **Assessment Trainer**  
*Supervisor* – Thomas Rodebaugh Ph.D
- Observed and gave feedback to junior graduate students (1<sup>st</sup>-5<sup>th</sup> year) on conducting psychodiagnostic assessments (the Mini Neuropsychiatric Interview and the Liebowitz Social Anxiety Scale) as part of a research study with undergraduates.
- 2010–2011 **Clinical Peer Mentor**  
*Instructor/supervisor* – Thomas Rodebaugh Ph.D
- Conducted role plays with junior graduate students (1<sup>st</sup> & 2nd year) as part of a graduate-level class, provided students with feedback on their execution of the treatment and graded students on treatment delivery.

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### RESEARCH EXPERIENCE

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- 2013 –2019 **Graduate research assistant: Anxiety and Psychotherapy Laboratory – Washington University in St. Louis**  
*Advisor* – Thomas Rodebaugh Ph.D  
Research Interests: (1) investigating transdiagnostic constructs underlying disorders related to social impairment (e.g., borderline personality disorder, schizophrenia, social anxiety disorder, and autism); (2) multi-modal multi-informant measurement of interpersonal functioning; (3) interaction between interpersonal communication, racial or ethnic minority status, and social anxiety; (4) Network and longitudinal methods
- 2011–2013 **Research assistant: Center for Autism Research at the Children’s Hospital of Philadelphia – Philadelphia, PA**  
*Supervisor* – Coralie Chevallier, Ph.D & Robert Schultz, Ph.D.

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### PEER-REVIEWED PUBLICATIONS

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1. **Tonge, N.A.**, Lim, M.H., Piccirillo, M.L., Fernandez, K.C., Langer, J.K., & Rodebaugh, T.L. Interpersonal problems in social anxiety disorder across relational contexts. (2020). *Journal of Anxiety Disorders*, 102275.
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2. Langer, J.K., **Tonge, N.A.**, Piccirillo, M.L., Rodebaugh, T.L., Thompson, R.J., Gotlib, I.H. (2019). Symptoms of social anxiety disorder and major depressive disorder: A network perspective. *Journal of Affective Disorders*, 243, 531-538.
3. Gilbert, K.E., **Tonge, N.A.**, Thompson, R. (2019). Associations between depression, anxious arousal, and manifestations of psychological inflexibility. *Journal of Behavior Therapy and Experimental Psychiatry*, 62, 88-96.
4. Rodebaugh, T.L., **Tonge, N.A.**, Piccirillo, M.L., Fried, E., Horenstein, A., Morrison, A., Goldin, P., Gross, J., Fernandez, K., Lim, M.H., Blanco, C., Schneier, F., Liebowitz, M., Bogdan, R., Thompson, R., & Heimberg, R.G. (2018). Does centrality in a cross-sectional network suggest intervention targets for social anxiety disorder? *Journal of Consulting and Clinical Psychology*, 86, 831-844.
5. Rodebaugh, T.L., **Tonge, N.A.**, Weisman, J.S., Lim, M.H., Fernandez, K.C., & Bogdan, R. (2017). The behavioral economics of social anxiety disorder reveal a robust effect for interpersonal traits. *Behaviour Research and Therapy*, 95, 139-147.
6. Chevallier, C., **Tonge, N.A.**, Troiani, V., Kohls, G., Miller, J., & Schultz, R.T. (2016). Measuring social motivation using signal detection and reward responsiveness. *PLOS ONE*. Manuscript in press.
7. Chiappinelli, K.B., Moss, B.L., Lenz, D., **Tonge, N.A.**, Joyce, A., Holt, G.E., Holt, L.E., & Woolsey, T.A. (2016). Evaluation to improve a high school summer science outreach program. *Journal of Microbiology & Biology Education*, 17, 225-237.
8. **Tonge, N.A.**, Rodebaugh, T.L., Fernandez, K.C., & Lim, M. (2016). Self-reported social skills impairment explains elevated autistic traits in individuals with generalized social anxiety disorder. *Journal of Anxiety Disorders*, 38, 1-8.
9. Rodebaugh, T.L., Lim, M.H., Fernandez, K.C., Shumaker, E.A., Levinson, C.A., Langer, J.K., Weisman, J.S., & **Tonge, N.A.** (2014). Where's the impairment?: Self and friend's differing views of social anxiety's effects on friendships. *Journal of Abnormal Psychology*, 123, 715-724.
10. Chevallier, C., Parish-Morris, J., **Tonge, N.A.**, Le, L., Miller, J., Schultz, R.T. (2013). Susceptibility to the audience effect explains performance gap between children with and without autism in a Theory of Mind task. *Journal of Experimental Psychology: General*, 143, 972-979.
11. Parish-Morris, J., Chevallier, C., **Tonge, N.A.**, Letzen, J., Pandey, J. & Schultz, R.T (2013). Visual attention to dynamic faces and objects is linked to face processing skills: A combined study of children with autism and controls. *Frontiers in Psychology*, 4.
12. Durgin, F. H., Hajnal, A., Li, Z., **Tonge, N.A.** & Stigliani, A. (2011). An imputed dissociation might be an artifact: Further evidence for the generalizability of the observations of Durgin et al. 2010. *Acta Psychologica*, 138, 281-284.
13. Durgin, F. H., Hajnal, A., Li, Z., **Tonge, N.A.** & Stigliani, A. (2010). Palm boards are not action measures: an alternative to the two-systems theory of geographical slant perception. *Acta Psychologica*, 134, 182-197.

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1. Rodebaugh, T. L., Weisman, J. S., & **Tonge, N. A.** Anxiety disorders. In J. N. Butcher (Ed.), *APA Handbook on Psychopathology*. 2017. United States: American Psychological Association.

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#### MANUSCRIPTS IN PREPARATION

1. Battles, A.R., **Tonge, N.A.**, Noland, M.D.W., Martin-Wagar, C.A., Siegel, W. Psychology healthcare training during COVID-19: Perspectives of trainees and supervisors. In preparation.
2. **Tonge, N.A.**, Rodebaugh, T.L., Miller, P., Kharasch, E.D., Lenze, E. J., Predicting relapse: A comparison of four participants with recurrent depression. In preparation.
3. **Tonge, N.A.**, Rodebaugh, T.L., Weisman, M.A., Piccirillo, M.A., Bogdan, R., Carey, C.E., Thompson, R.J., Does a social exchange game reflect differences in interpersonal trust?: An investigation with social anxiety disorder, depression, and their comorbidity. In preparation.
4. Piccirillo, M.L., **Tonge, N.A.**, Langer, J.K., Levinson, C.A., Fried, E. I., Weeks, J., Heimberg, R.G., Brown, P. J., Menatti, A.R., Schneier, F.R., Blanco, C., Liebowitz, M.R., Rodebaugh, T.L. Building a network of social anxiety and its correlates from the inside out. In preparation.

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#### PROFESSIONAL DEVELOPMENT ARTICLES

1. **Tonge, N.A.**, (2018, Fall). In defense of teaching: Strategies for the busy graduate student. *Clinical Science*.

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#### PROFESSIONAL TALKS

1. **Tonge, N.A.**, Rodebaugh, T.L., Miller, J.P., Kharasch, E.D., & Lenze, E. (2020, September). Detecting early warning signs of depression. In *Diversify Netsci*. Presented at the annual meeting of NetSci, Rome, Italy (virtual conference).
  2. **Tonge, N.A.**, Rodebaugh, T.L., Miller, J.P., Kharasch, E.D., & Lenze, E. (2018, November). Critical slowing down?: Individual analysis of a participant nearing relapse of depression. In **N.A. Tonge (Chair)** & M.L. Piccirillo (Chair), *Applications of Individual Level Modeling: Promises, Pitfalls, and Possibilities*. Symposium accepted at the meeting of the Association for Behavioral and Cognitive Therapies. Washington, D.C.
  3. **Tonge, N.A.** (2018, February). Don't Panic!: Integrating treatment in an integrative setting. Case conference given at Washington University Clinical Science Seminar, St. Louis, MO.
  4. **Tonge, N.A.**, Rodebaugh, T.L., Bialek, T., Vidovic, V., Moscovitch, D. (2016, April). The relative importance of dominance and (lack of) warmth in provoking fears of positive and negative evaluation. In B. Neczypor (Chair), *Further delving into the distinctions between fears of positive and negative evaluation: theoretical, empirical and clinical implications for social anxiety*. Symposium conducted at the meeting of the Anxiety and Depression Association of America. Philadelphia, PA.
  5. Rodebaugh, T.L., **Tonge, N.A.**, Weisman, J., Lim, M.H., & Fernandez, K.C. (2015, November). SAD and giving on the prisoner's dilemma: Reduced responsiveness, not limited giving. In A. Valdespino (chair), *Network analysis: A symptom perspective of psychopathology*. Symposium presented at the annual meeting of the Association of Behavioral and Cognitive Therapies, Chicago, IL.
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6. **Tonge, N.A.** and Allison, S. (2015, November). CBT for Insomnia. Instructional talk given at Washington University Clinical Science Seminar, St. Louis, MO.
  7. **Tonge, N.A.** (2015, October) Anxious anticipation of a social threat and its effect on time estimation. Master's thesis talk given at Washington University Clinical Science Seminar, St. Louis, MO.
  8. **Tonge, N.** (2014, November). Social skills impairment explains elevated autism quotient scores in individuals with generalized sad. Research talk given at Washington University Clinical Science Seminar, St. Louis, MO.

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#### POSTERS PRESENTATIONS

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1. Yu, Lingyan\*, **Tonge, N.A.**, & Rodebaugh, T.L. Intra- and Inter-group social anxiety in different demographics. (2018, November). Poster accepted for presentation at: Association for Behavioral and Cognitive Therapies Annual Meeting, Washington, D.C.
2. Lee, C.\*, **Tonge, N.A.**, & Rodebaugh, T. L. Effect of negative affect on anxiety trajectories. (2017, November). Poster presented at: Association for Behavioral and Cognitive Therapies Annual Meeting, San Diego, CA.
3. **Tonge, N.A.**, Rodebaugh, T. L., Piccirillo, M.L., Fried, E., Horenstein, A., Morrison, A. S., Goldin, P., Gross, J.J., Fernandez, K.C., Lim, M.H., Blanco, C., Schneier, F., Liebowitz, M., Bogdan, R., Thompson, R. J., & Heimberg, R.G. (2017, November). Networks of social anxiety disorder symptoms: Does gender matter? Poster presented at: Association for Behavioral and Cognitive Therapies Annual Meeting, San Diego, CA.
4. **Tonge, N.A.**, Lim, M.H., Piccirillo, M.L., Fernandez, K.C., Langer, J.K., & Rodebaugh, T. L. (2017, September). Interpersonal impairment in social anxiety disorder across relational contexts. Poster presented at: Society for Research in Psychopathology Annual Meeting, Denver, CO.
5. **Tonge, N.** & Rodebaugh, T. L. Time estimation during social threat. Poster presented at: Association for Behavioral and Cognitive Therapies Annual Meeting; 2016, 26-30 October; New York, NY.
6. Weisman, J.S., Piccirillo, M.L., Rodebaugh, T.L., **Tonge, N.A.**, Thompson, R.J., & Bogdan, R. (2016, October). The impact of self-evaluation on self-reported mood in individuals higher in social anxiety.  
Poster presented at the Association of Behavioral and Cognitive Therapies 50th Annual Convention, New York, NY.
7. **Tonge, N.**, Rodebaugh, T. L., Lee, C\*. Anxious anticipation of a social threat and its effect on time estimation. Poster presented at: Association for Behavioral and Cognitive Therapies Annual Meeting; 2015, 20-23 November; Chicago, IL.
8. **Tonge, N.**, Rodebaugh, T. L., Fernandez, K. C., Lim, M. Social skills impairment explains elevated autism quotient scores in individuals with generalized social anxiety disorder. Poster presented at: Association for Behavioral and Cognitive Therapies Annual Meeting; 2014, 20-23 November; Philadelphia, PA.

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9. **Tonge, N.**, Schultz, R.T., Troiani, V., Kohls, G., Chevallier, C. A signal detection approach to quantifying social motivation in adults. Poster presented at: Association for Psychological Science Annual Meeting; 2013, 23-26 May; Washington D.C.
  10. **Tonge, N.**, Chevallier, C., Parish-Morris, J., Letzen, J. & Schultz, R.T. Social motivation is correlated with face processing skill in children with ASD. Poster presented at: International Meeting for Autism Research; 2012, 17 -19 May; Toronto, CA.
  11. **Tonge N.**, Rosvall K, Ketterson, E. The brain-body connection: Do testosterone levels, neural sensitivity and trait expression covary? Poster presented at: 48<sup>th</sup> Annual Meeting of the Animal Behavior Society; 2011, Jul 25-30; Bloomington, IN.
  12. **Tonge, N.**, Rivi, R. Characterization of Lrp2 Y-2721-stop Allele. Poster presented at: Sigma Xi Annual Meeting and Student Research Conference. 2006, 2-5 November; Detroit, MI.

\*Undergraduate research assistant

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### TEACHING EXPERIENCE

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Summer 2018	<b>Instructor</b> – Washington University in St. Louis <i>Course</i> – Introduction to Psychology <i>Responsibilities</i> – Developed syllabus, course content, and assessments. Presented lectures daily for the 5-week course.
Fall 2017	<b>Teaching Assistant</b> – Missouri Eastern Correctional Center <i>Course</i> – Introduction to Psychology <i>Responsibilities</i> – Provided feedback on syllabus and assessments. Led recitation sessions as part of the Prison Education Project for inmates at a medium/minimum-security prison.
Summer 2017	<b>Co-Instructor</b> – Washington University in St. Louis <i>Courses</i> – Introduction to Psychology (two sections) <i>Responsibilities</i> – Developed syllabus, course content, and assessments. Presented lectures daily for 2 <sup>1/2</sup> weeks out of the 5-week course. Topics were Learning, Human Development, Social Psychology, Personality, Intelligence, Abnormal Psychology, Psychological Treatment, and Biological Basis of Behavior.
2014-2016	<b>Discussion leader</b> – Washington University in St. Louis <i>Courses</i> – Anxiety and Psychotherapy Lab Journal Club <i>Responsibilities</i> : Led discussions of journal articles, therapy videos, and research methods for undergraduate research assistants.
Fall 2015; Spring 2017	<b>Teaching Assistant</b> – Washington University in St. Louis <i>Courses</i> – Experimental Psychology; Psychology of Learning <i>Responsibilities</i> : Grading exams, essays, and holding office hours.

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### GUEST LECTURES

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- Tonge, N.A.**, Rodebaugh, T.L., Miller, J.P., Kharasch, E.D., & Lenze, E. (September, 2020). Detecting early warning signs of depression. Guest talk at MPRC Journal Club, Baltimore, MD.
- Tonge, N.A.** (October, 2018). A primer on Gay, Lesbian, and Trans\*-affirmative therapy. Invited guest lecture at Washington University, St. Louis, MO.
- Tonge, N.A.** (October, 2017). Understanding Anxiety: Classification and diagnostic considerations. Invited guest lecture at Lindenwood University, Belleville, IL.
- Tonge, N.A.** (October, 2017). Treatment considerations for sex and gender minorities. Invited guest lecture at Washington University, St. Louis, MO.
- Tonge, N.A.** (July, 2017; 2018). How to design a scientific poster. Guest lecture at Washington University, St. Louis, MO.

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### PROFESSIONAL ACTIVITIES

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- Reviewer, *Behavior Research and Therapy*
- Reviewer, *Journal of Affective Disorders*
- Reviewer, *Development and Psychopathology*
- Reviewer, *PLOS One*
- Co-reviewer, *Journal of Anxiety Disorders*
- Co-reviewer, *Journal of Psychopathology and Behavioral Assessment*

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### PROFESSIONAL ASSOCIATION MEMBERSHIPS

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|--------------|---|
| 2014–present | Association for Behavioral and Cognitive, Therapies <i>student member</i>                     |
| 2017-2018    | Society for Research in Psychopathology, <i>student member</i>                                |
| 2015–present | Anxiety and Depression Association of America, <i>student member</i>                          |
| 2010–present | Sigma Xi Scientific Research Society, <i>student member</i>                                   |
| 2013–present | Association for Psychological Science, <i>student member</i>                                  |
| 2013–present | Society for Science of Clinical Psychology, <i>student member &amp; campus representative</i> |
| 2011–2013    | International Society for Autism Research, <i>student member</i>                              |

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### AWARDS AND FELLOWSHIPS

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| 2013–present | Danforth Scholarship, Washington University in St. Louis  |
| 2013–present | Chancellor’s Graduate Fellowship, Washington University in St. Louis  |
| 2013-2018    | Travel Fellowship, Washington University in St. Louis   |
| 2016         | Graduate student research grant, Washington University in St. Louis   |
| 2013         | APSSC Student Research Award – Honorable Mention  |
| 2013         | SSCP Student Poster Award – Distinguished Contribution  |
| 2011–2013    | Program for Autism Research Training (PART) Scholar, Children’s Hospital of Philadelphia<br>Research Experiences for Undergraduates Award, Indiana University |
| 2010         | Howard Hughes Medical Institute Research Fellowship, Swarthmore College   |
| 2009         | All-Academic Team, National Intercollegiate Women’s Fencing Association   |
| 2009         | The Elizabeth Carver Preston Scholar, Swarthmore College  |
| 2008–2011    |   |

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### COMMUNITY AND UNIVERSITY SERVICE

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2018-2019	Peer Mentor – University College
2018	University Graduate Student Association Peer Mentor Committee Chair
Summer 2017	STEM Academy Girls Inc. Presenter
Fall 2017	Psychology Student Association Clinical Studies Committee
2016-2017	Psychology Student Association Social Committee
2015–2016	Psychology Student Association Peer Mentor Committee, Co-Coordinator
2014–2015	Undergraduate Danforth Scholarship Competition, Interviewer
2014-2015	Alumni Interviewer for Swarthmore College
2013-2016	Young Scientist Program, Curriculum Director and volunteer
2014	Prison Performing Arts Project, Interviewer
2013	Youth University Summer Program, Presenter
2012-2013	Extended School Year for children with an ASD
2012-2013	Social Skills Seminar Coordinator

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### **PROGRAMMING & ANALYTIC SKILLS**

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Advanced knowledge of Microsoft Windows environments, Microsoft Office package (Word, Excel, PowerPoint, Outlook).

Advanced knowledge of SPSS for Windows, MPlus, R/R Studio.

Knowledge of multilevel modeling, factor analysis, structural equation modeling, latent trajectory modeling, network modeling (psychological networks), and multiple linear regression.

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