

CURRICULUM VITAE

ANASTASIA DIMITROPOULOS

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CURRENT ACADEMIC APPOINTMENT: Associate Professor of Psychology, Department of Psychological Sciences, Case Western Reserve University, Cleveland, Ohio

EDUCATION

2002-2005

NIMH Postdoctoral Fellow (training in functional magnetic resonance imaging)
Child Study Center
Yale University School of Medicine, New Haven, Connecticut
Mentor: Robert T. Schultz, Ph.D.

2002

Ph.D. in Developmental Psychology
(major emphasis in Intellectual and Developmental Disabilities)
George Peabody College
Vanderbilt University, Nashville, Tennessee
Title of Dissertation: An investigation of childhood rituals and compulsive behavior in Prader-Willi Syndrome
Dissertation Advisor: Travis I. Thompson, Ph.D.

1998

M.S. in General Psychology
George Peabody College
Vanderbilt University, Nashville, Tennessee
Title of Thesis: The development of behavior problems in children with Prader-Willi Syndrome
Major Advisor: Travis I. Thompson, Ph.D.

1995

B.A. in Psychology
Emory University, Atlanta, Georgia

ADDITIONAL EDUCATION/SPECIALIZED TRAINING

June, 2014

SPM training, Blackford Lab, Vanderbilt University

October, 2009

Brain Voyager QX Inhouse Course, Brain Innovation, CWRU

November, 2008

4T MRI Safety Training, Case Center for Imaging Research, CWRU

June, 2007

Advanced fMRI Course, Organization for Human Brain Mapping

June, 2006

Basic fMRI Course, Organization for Human Brain Mapping

PROFESSIONAL HISTORY

2019-present

Director

Schubert Center for Child Studies

Case Western Reserve University, Cleveland, Ohio

2018-2019

Research Director

Schubert Center for Child Studies

Case Western Reserve University, Cleveland, Ohio

2013-present

Associate Professor

Department of Psychological Sciences

Case Western Reserve University, Cleveland, Ohio

2005-2013

Assistant Professor

Department of Psychological Sciences (note: Dept. of Psychology until 2011)

Case Western Reserve University, Cleveland, Ohio

2002-2005

Postdoctoral Clinical Training in Neuropsychological Assessments

Child Study Center

Yale University, New Haven, Connecticut

2002

Graduate Research Assistant

Predicting Responsiveness to Imitation Intervention in Autism

Child Development Center, Vanderbilt University Medical School, Nashville, Tennessee

1996-1999

Graduate Research Assistant

Prader-Willi Syndrome Program Project: Genetics and Behavior

Kennedy Center for Research on Human Development, Vanderbilt University, Nashville, Tennessee

1995-1996

Graduate Research Assistant

Nashville Needs Assessment

Vanderbilt Institute for Public Policy Studies, Vanderbilt University, Nashville, Tennessee

HONORS & AWARDS

2018 Nominee for the 2018 John S. Diekhoff Award for Distinguished Graduate Student Mentoring

2017 Researcher Spotlight Profile, Foundation for Prader-Willi Research

2010 Poster selected for "Hot Topic" newsworthy distinction at Neuroscience 2010

2010 Nominee for the J. Bruce Jackson, M.D., Award for Excellence in Undergraduate Mentoring, CWRU

- 2010 Selected for Faculty Spotlight Article, Neighborhood Weekly, Property Management Apartments; interviewed and written by CWRU undergraduate Michael Maul
- 2009 Selected for the 2009-2010 publication of *The Value of Research*, CWRU. Use of research-dedicated fMRI scanning technology
- 2007 Honorary Member of Golden Key International Honour Society. Nomination by CWRU Undergraduates
- 2006 University Nominee for John Merck Scholars Program in Biology of Developmental Disabilities in Children, CWRU
- 2006 Executive Coaching Program for Women Faculty, Academic Careers in Engineering & Science, CWRU

- 2002 Graduate Student Travel Award to Conference
Vanderbilt University
- 2001 Young Investigator Travel Award
The 4th Triennial International Prader-Willi Syndrome Organization Scientific Conference, St. Paul, Minnesota
- 1999 Outstanding Graduate Student Research Award
John F. Kennedy Center, Vanderbilt University
- 1998 David Zeaman Travel Award
The 31st Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities

RESEARCH

Key:

* = CWRU graduate student at time research was conducted

+ = mentee in collaborative research

= CWRU undergraduate student at the time research was conducted

PEER-REVIEWED PUBLICATIONS

*Doernberg, E., Russ, S., & **Dimitropoulos, A.** (2021). Believing in make-believe: Efficacy of a pretend play intervention for school-aged children with high-functioning Autism Spectrum Disorder. Journal of Autism and Developmental Disorders DOI: 10.1007/s10803-020-04547-8.

Dimitropoulos, A., *Zyga, O., *Doernberg, E., & Russ, S. (2021). Show me what happens next: Preliminary efficacy of a remote play-based intervention for children with Prader-Willi Syndrome. Research in Developmental Disorders, DOI: 10.1016/j.ridd.2020.103820.

*Zyga, O., Russ, S., & **Dimitropoulos, A.** (2020). From behavior to biology: Examining oxytocin and social cognition in preschoolers with and without Autism Spectrum Disorder. Journal of Childhood & Developmental Disorders, DOI: 10.36648/2472-1786.6.3.94.

Nock, N., *Jiang, H., Borato, L., Alberts, J., & **Dimitropoulos, A.** (2020). Insights to neural

response to food cues in Class III and Class I/II obesity from endometrial cancer survivors seeking weight loss. International Journal of Obesity, DOI: 10.1038/s41387-020-0124-7.

Key, A.P., Zengin-Bolatkale, H., **Dimitropoulos, A.**, & *Doernberg, E. (2020). Eye-tracking as an objective measure of hyperphagia in children with Prader-Willi syndrome. American Journal of Medical Genetics, Part A, 19. <https://doi.org/10.1002/ajmg.a.61606>

*Zyga, O. & **Dimitropoulos, A.** (2020). Preliminary characterization of parent-child interaction in preschoolers with Prader-Willi Syndrome: The relationship between engagement and parental stress. American Journal on Intellectual and Developmental Disabilities, 125(1), 76-84. doi: 10.1352/1944-7558-125.1.76. (Selected for media highlight by AJIDD)

Nock, N.L., **Dimitropoulos, A.**, Zanotti, K.M., Waggoner, S., Nagel, C., Golubic, M., Michener, C.M., Kirwan, J.P., Alberts, J. (2020). Sleep, quality of life, and depression in endometrial cancer survivors with obesity seeking weight loss. Support Cancer Care, 28(5):2311-2319. doi: 10.1007/s00520-019-05051-1.

Dimitropoulos, A., *Zyga, O., & Russ, S. (2019). Early social cognitive ability in preschoolers with Prader-Willi syndrome and autism spectrum disorder. Journal of Autism and Developmental Disorders, 49, 4441-4454. doi: 10.1007/s10803-019-04152-4.

*Zyga, O., Russ, S., & **Dimitropoulos, A.** (2018). The PRETEND Program: Evaluating the Feasibility of a Remote Parent-Training Intervention for Children with Prader-Willi Syndrome. American Journal on Intellectual and Developmental Disabilities, 123(6), 574-584. doi: 10.1352/1944-7558-123.6.574 (Selected for media highlight by AJIDD)

Dimitropoulos, A., *Zyga, O., & Russ, S. (2017). Evaluating the feasibility of a play-based telehealth intervention program for children with Prader-Willi syndrome. Journal of Autism and Developmental Disorders, 47(9), 2814-2825.

Scahill, L., Sukholdolsky, D. Anderberg, E., **Dimitropoulos, A.**, Dziura, J., Aman, M.G., McCracken, J.T., Tierney, E., Hallett, V., Katz, K., Vitiello, B., & McDougale, C.J. (2016). Sensitivity of the modified Children's Yale-Brown Obsessive Compulsive Scale to detect change: results from two multi-site trials. Autism, 20(2), 145-52.

#Zyga, O., Russ, S., Ievers-Landis, C., & **Dimitropoulos, A.** (2015). Assessment of pretend play in Prader-Willi syndrome: A direct comparison to autism spectrum disorder. Journal of Autism and Developmental Disorders, 45(4), 975-987.

Nock, N., **Dimitropoulos, A.**, Rao, S., Flask, C., Schluchter, M.D., Zanotti, K., Rose, P.G., Kirwan, J.P., & Alberts, J. (2014). Revving-up exercise for sustained weight loss by altering neurological reward and drive (REWARD): A randomized trial in obese endometrial cancer survivors. Contemporary Clinical Trials, 39(2), 236-245.

*Feldman, B. & **Dimitropoulos, A.** (2014). Face discrimination ability in Prader-Willi syndrome

- and autism spectrum disorder. Journal of Mental Health Research in Intellectual Disabilities, 7(3), 264-285. <https://doi.org/10.1080/19315864.2013.857744>
- *Kennedy, J. & **Dimitropoulos, A.** (2014). Influence of hunger state on neurofunctional differences between the obese and healthy weight: A meta analysis of neuroimaging studies. Appetite, 75, 103-109.
- Scahill, L., **Dimitropoulos, A.**, McDougle, C.J., Aman, M.G., Feurer, I.D., McCracken, J.T., Tierney, E., Pu, J., White, S., Lecavalier, L., Hallett, V., Bearss, K., King, B., Arnold, L.E., Vitiello, B. (2014). CYBOCS-ASD Component Structure Children's Yale-Brown Obsessive Compulsive Scale in Autism Spectrum Disorder: Component structure of Symptom Checklist and distribution of severity scales. Journal of the American Academy of Child and Adolescent Psychiatry, 53(1), 97-107.
- Dimitropoulos, A.**, #Ferranti, A., & #Lemler, M. (2013). Expressive and receptive language in Prader-Willi syndrome: report on genetic subtype differences. Journal of Communication Disorders, 46, 193-201.
- Dimitropoulos, A.**, *Ho, A., & *Feldman, B. (2013). Social responsiveness and competence in Prader-Willi syndrome: Direct comparison to autism spectrum disorder. Journal of Autism and Developmental Disorders, DOI 10.1007/s10803-012-1547-3.
- *Ho, A., *Kennedy, J., & **Dimitropoulos, A.** (2012). Neural correlates to food-related behavior in normal-weight and obese participants. PlosOne, 7(9):e45403. doi:10.1371/ journal.pone.0045403. Epub 2012 Sep 18.
- Nock, N. L., **Dimitropoulos, A.**, Tkach, J., Frasure, H., & vonGruenigen, V. (2012). Reduction in neural activation to high-calorie food cues in obese endometrial cancer survivors after a behavioral lifestyle intervention. BMC Neuroscience. Jun 25;13:74. doi: 10.1186/1471-2202-13-74.
- Dimitropoulos, A.**, Tkach, J., *Ho, A., & *Kennedy, J. (2012). Greater corticolimbic activation to high-calorie food cues after eating in obese vs. normal-weight. Appetite, 58, 303-312.
- *Ho, A. & **Dimitropoulos, A.** (2010). Clinical management of cognitive and behavioral characteristics of Prader-Willi syndrome. Neuropsychiatric Disease and Treatment, 6, 107-118.
- Dimitropoulos, A.**, *Ho, A., Klaiman, C., Koenig, K., & Schultz, R.T. (2009). A comparison of behavior and emotional characteristics in children with Autism, Prader-Willi syndrome, and Williams syndrome. Journal of Mental Health Research in Intellectual Disabilities, 2, 220-243.
- Dimitropoulos, A.**, & Schultz, R. T. (2008). Food-related neural circuitry in Prader-Willi syndrome: Response to high- vs. low-calorie foods. Journal of Autism and Developmental Disorders, 38(9), 1642-1653.

- Dimitropoulos, A., & Schultz, R. T.** (2007). Autistic-like symptomatology in Prader-Willi syndrome: A review of recent findings. Current Psychiatry Reports, *9*, 159-164.
- Scahill, L., McDougle, C. J., Williams, S., **Dimitropoulos, A.**, Aman, M. G., McCracken, J., Tierney, E., Vitiello, B., et al. (2006). The use of the Children's Yale-Brown Obsessive-Compulsive Scale in pervasive developmental disorders. Journal of the American Academy of Child and Adolescent Psychiatry, *45*(9), 1114-1123.
- Dimitropoulos, A.**, Blackford, J., Walden, T., & Thompson, T. (2006). Compulsive behavior in Prader-Willi syndrome: Examining severity in early childhood. Research in Developmental Disabilities, *27*, 190-202.
- Dimitropoulos, A.**, Feurer, I., Butler, M., & Thompson, T. (2001). Emergence of compulsive behavior and tantrums in children with Prader-Willi syndrome. American Journal on Mental Retardation, *106*(1), 39-51.
- Dimitropoulos, A.**, Feurer, I. D., Roof, E., Stone, W., Butler, M. G., Sutcliffe, J., & Thompson, T. (2000). Appetitive behavior, compulsivity, and neurochemistry in Prader-Willi syndrome. Mental Retardation and Developmental Disabilities Research Reviews, *6*(2), 125-130.
- Feurer, I. D., **Dimitropoulos, A.**, Stone, W. L., Roof, E., Butler, M., & Thompson, T. (1998). The latent variable structure of the Compulsive Behaviour Checklist in people with Prader-Willi syndrome. Journal of Intellectual Disability Research, *42*(6), 472-480.

UNDER REVIEW

- Dimitropoulos, A.**, *Doernberg, E., *Zyga, O., & Russ, S. (under review). Genetic subtype effect of intervention response to the PRETEND program: Parent-training for prechoolers with PWS. Journal of Autism and Developmental Disorders
- Freedman, D.A., Tisch, D., Ciesielski, T., Yamoah, O., Borawski, E., Minnes, S., Burkhart, K., **Dimitropoulos, A.**, Nock, N., Lee, E.K., Embaye, E., Doernberg, E., Balser, S., Lewis-Miller, C., Sommer, R., Marks, M. E., Ogland-Hand, C., & Ross, K. (under review). COVID-19 risk and recommendations to reduce transmission among child care workers and children attending child care in Ohio. Pediatrics.
- Riccardi, J., Celeste, G., & **Dimitropoulos, A.** (under review). Recognizing and Responding to Traumatized Youth: Preliminary Results and Implications for Police Trainings. International Journal of Police Practice and Research. Police Practice and Research: An International Journal.
- Schwartz, L., Caixas, A., **Dimitropoulos, A.**, Dykens, E., Duis, J., Einfeld, S., Holland, A., Rice,

L., Roof, E., Salehi, P., Strong, T., Taylor, B, Woodcock, K. (under review). Behavioral features in Prader-Willi Syndrome (PWS): Consensus paper from the International PWS Clinical Trial Consortium. Submitted to the American Journal on Intellectual and Developmental Disabilities.

*Zyga, Russ, & **Dimitropoulos**. (under review). Characterizing the relation among pretend play, executive function, and theory of mind in preschool children. Revised and submitted to The American Journal of Play.

*Zyga, Russ, & **Dimitropoulos**. (under review). Preliminary efficacy of a play-based telehealth intervention on emotion recognition in preschoolers with ASD. Submitted to Research in Developmental Disorders.

RESEARCH IN PROGRESS

Jiang, H., Dimitropoulos, A., & Nock, N. (in preparation). Response to stop-signal task in Class III and Class I/II obesity from endometrial cancer survivors seeking weight loss.

*Zyga, Russ, & **Dimitropoulos**. (revise and resubmit). Evaluating cortisol and oxytocin levels before and after social interaction in children with autism. Submitted to Research in Autism.

Dimitropoulos, Doernberg, & Russ. (in preparation). Eye-tracking during social scenes: Genetic subtype differences in Prader-Willi syndrome.

*Riccardi, *Miller, Minnes, & **Dimitropoulos**. (in preparation). The effect of out-of-school programming on social emotional development.

BOOK CHAPTERS, ABSTRACTS, & OTHER PUBLICATIONS

Dimitropoulos, A., Celeste, G., *Miller, E., *Russell, R. (2021). Addressing and preventing child abuse in Cuyahoga County. Schubert Center, white paper, released April 2021

*Doernberg, E. & **Dimitropoulos**, A. (2021). Creativity and play in developmental disabilities. Book chapter in *Cambridge Handbook of Lifespan Development of Creativity*, Cambridge University Press.

Freedman, D.A., Tisch, D., Ciesielski, T., Yamoah, O., Borawski, E., Minnes, S., Burkhart, K., **Dimitropoulos**, A., Nock, N., Lee, E.K., Embaye, E., Doernberg, E., Balser, S, Lewis-Miller, C., Sommer, R., Marks, M. E., Ogland-Hand, C., & Ross, K. (2020). Findings of the Ohio COVID-19 Child Care Study. Mary Ann Swetland Center for Environmental Health, CWRU, Cleveland, Ohio.

Freedman, D.A., Borawski, E., Burkhart, K., **Dimitropoulos**, A., Minnes, S., Nock, N., Ross, K.,

& Tisch, D. (2020). Ohio COVID-19 Child Care Study. Executive Summary and Technical Report. CWRU, Cleveland, Ohio.

⁺Nock, N. L., Frasure, H., vonGruenigen, V., & **Dimitropoulos, A.** (2011, November). Using neuroimaging to demonstrate changes in food behavior in obese endometrial cancer survivors enrolled in a lifestyle intervention. Poster presented at the Obesity 2011 Conference, Orlando, Florida. Abstract in Obesity, 19(1), S172.

Dimitropoulos, A., Feurer, I., & Thompson, T. (2000, August). Factor structure of compulsive behavior in children with Prader-Willi syndrome, children with Down syndrome, and typically developing children. Paper presented at the 11th World Congress of the International Association for the Scientific Study of Intellectual Disabilities, Seattle, Washington. Abstract in Journal of Intellectual Disability Research, 42(6), 472-480.

Dimitropoulos, A., & Thompson, T. (2000). A developmental double whammy: Early emergence of compulsive behavior in Prader-Willi syndrome. J. F. Kennedy Center News, 52, John F. Kennedy Center, Vanderbilt University, Nashville, Tennessee.

INVITED PRESENTATIONS

Oct 2020	Roundtable Discussant, Social Challenges in PWS: Latest Research Updates, Foundation for Prader-Willi Syndrome Research Conference (virtual)
Oct 2018	Invited Speaker, Foundation for Prader-Willi Syndrome Research Conference, Las Vegas, Nevada
Oct 2018	Roundtable Discussant, Foundation for Prader-Willi Syndrome Research Conference, Las Vegas, Nevada
Jan 2018	Invited Speaker, Research Town Hall, Autism Speaks
Jan 2018	Invited Speaker, iCARE Working Group
Oct 2016	Invited Speaker, Foundation for Prader-Willi syndrome research, Providence, RI.
Sept 2016	Invited Speaker, Michigan Autism Conference, Kalamazoo Michigan. (declined invitation due to schedule conflict)
May, 2016	Invited Speaker, Webinar, Foundation for Prader-Willi Syndrome Research, Early Childhood Series
Nov, 2014	Invited Speaker, 2014 Foundation for Prader-Willi Syndrome Research Conference, Garden City, New York
Mar, 2014	Invited Panelist, The Flora Stone Mather Center for Women Salon Series, Solving the puzzle of Autism, An Innovative Cleveland Academic and Medical Collaboration, Cleveland, Ohio
May, 2013	Invited Speaker, Pediatric Rehabilitation Grand Rounds, The Children's Institute, Pittsburgh, PA.
Jan, 2013	Invited Speaker, ABAI Seventh Annual Autism Conference, Portland, Oregon.
June, 2012	Invited Speaker, COSI autism seminar, Communication Sciences Program, Department of Psychological Sciences, CWRU
Feb, 2012	Grand Rounds, Neuroimaging Research Group, Department of Psychiatry, Vanderbilt University, Nashville, Tennessee

- Feb, 2012 Invited Panelist, Vanderbilt Kennedy Center Science Day Interdisciplinary Research & Research Training, Vanderbilt Kennedy Center, Vanderbilt University, Nashville, Tennessee
- Feb, 2012 Invited Address, Current research in PWS: Autistic symptomatology and mechanisms of hyperphagia, Marcus Autism Center Research Group, Emory University, Atlanta, Georgia
- Dec, 2008 Grand Rounds, Neural mechanisms of overeating in PWS, Department of Genetics, CWRU School of Medicine, Cleveland, Ohio
- Oct, 2008 Neural mechanisms of overeating: Examining food related behavior and neural circuitry in PWS and comparison samples, Transdisciplinary Research on Energetics and Cancer, CWRU, Cleveland, Ohio
- April, 2008 Examining symptoms of autism spectrum disorders in Prader-Willi syndrome, Cuyahoga County Board of Mental Retardation/Developmental Disabilities, Cleveland, Ohio
- April, 2007 Invited Webinar Panelist, Understanding the nature of autism: brain and behavior science, Brookes Publishing Company

INVITED MEETINGS

- Oct 2020 FPWR PWS Clinical Network Meeting, Invited Attendee (virtual attendance)
- Oct 2020 FPWR Clinical Trial Consortium Meeting (virtual)
- Nov 2018 Critical Path Innovation Meeting, Federal Drug Administration, PWS-CTC Academic member attendee
- March 2015 Prader-Willi Syndrome Mental Health Strategy Workshop, The Foundation for Prader-Willi Syndrome Research. Invited Attendee and Discussion Moderator.
- July 2015* Overcoming bottlenecks in clinical trials of investigational medicinal products for hyperphagia in Prader-Willi syndrome, Workshop, The Foundation for Prader-Willi Syndrome Research. Invited Attendee.*did not attend due to family emergency.

PROFESSIONAL PRESENTATIONS

Key:

* = CWRU graduate student at time research was conducted

+ = mentee in collaborative research

= CWRU undergraduate student at the time research was conducted

Dimitropoulos, A., *Doernberg, E., & Russ, S. (2021, April). Qualitative differences across genetic subtypes of Prader-Willi syndrome: Efficacy of a remote play-based parent training. Accepted for flash talk symposium presentation at The Society for Research in Child Development 2021 Virtual Biennial Meeting.

*Doernberg, E., **Dimitropoulos, A.,** & Russ, S. (2021, April). Building a story: Efficacy of pretend play intervention for school-aged children with autism spectrum disorder. Accepted for poster presentation at The Society for Research in Child Development 2021 Virtual Biennial Meeting.

- *Doernberg, E., *Zyga, O., Russ, S., & **Dimitropoulos, A.** (2020, April). Show Me What Happens Next: Preliminary efficacy of a remote play-based intervention for children with Prader-Willi Syndrome. Accepted for Symposium presentation at The Gatlinburg Conference (Virtual), San Diego, CA.
- Riccardi, J., Ciccio, A., & **Dimitropoulos, A.** (2020, November). Experimental eye tracking and children with brain injuries: Cognitive fatigue and other applications. Accepted for presentation at the Annual Convention of the American Speech-Language Hearing Association, San Diego, CA. (conference cancelled due to pandemic)
- Nock, N., & **Dimitropoulos, A.** (2020, May). Insights to neural response to food cues in Class III and Class I/II obesity from endometrial cancer survivors seeking weight loss. Accepted for Paper Presentation at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA. (conference cancelled due to pandemic)
- #Baumgartner, N., *Zyga, O., & **Dimitropoulos, A.** (2019, August). How cooperation relates to positive play in children with ASD and their parents. Poster presented at the American Psychological Association Annual Convention, Chicago, IL.
- #Johnson, T., *Zyga, O., & **Dimitropoulos, A.** (2019, August). Investigating the relationship between social skills and play. Poster presented at the American Psychological Association Annual Convention, Chicago, IL.
- *Zyga, O., Russ, S., & **Dimitropoulos, A.** (2019, May). Oxytocin's role as a biomarker of early social cognitive ability in preschoolers with and without ASD. Poster presented at the annual International Meeting for Autism Research (IMFAR), Montreal, Canada.
- Dimitropoulos, A.**, Zyga, O., *Doernberg, E., & * Russ, S. (2018, October). Social cognitive ability in preschoolers with PWS and preliminary response to remote parent training using the PRETEND program. Paper presentation at the 3rd Annual Scientific Conference for the Foundation for Prader-Willi Syndrome Research, Las Vegas, NV.
- Nock, N., & **Dimitropoulos, A.** (2018, September). Neural activation in response to food cues in endometrial cancer survivors with obesity and aging brains seeking weight loss. Poster presented at the Big Data Neuroscience Workshop, CWRU, Cleveland, OH.
- *Doernberg, E., Russ, S., & **Dimitropoulos, A.** (2018, August). Imagination in play in children with autism spectrum disorder. Poster presented at the American Psychological Association Annual Convention, San Francisco, CA.
- *Doernberg, E., Russ, S., & **Dimitropoulos, A.** (2018, August). A play intervention to foster emotional expression for children with autism spectrum disorder. Poster presented at the American Psychological Association Annual Convention, San Francisco, CA.

- Zyga, O., Russ, S. W., & **Dimitropoulos, A.** (2018, August). Exploring stress, parent-child interactions, and social ability in children with Prader-Willi syndrome. Poster presented at the American Psychological Association Annual Conference, San Francisco, CA.
- Zyga, O., Russ, S. W., & **Dimitropoulos, A.** (2018, August). The impact of a remote parent training program on imaginative play in preschoolers with Prader-Willi Syndrome. Symposium presentation at the American Psychological Association Annual Conference, San Francisco, CA.
- Zyga, O., Russ, S.W., & **Dimitropoulos, A.** (2018, April). Preliminary effectiveness of a remote parent-training intervention program for preschoolers with PWS. Poster presentation at The Gatlinburg Conference, San Diego, CA.
- Manuck, C., Zyga, O., & **Dimitropoulos, A.** (2018, April). Efficacy of remotely-delivered play intervention for children with PWS. Poster presentation at Research ShowCASE, CWRU.
- Mavroudis, D., Zyga, O., & **Dimitropoulos, A.** (2018, April). Parent-child interactions in children with Prader-Willi Syndrome: Response to intervention. Poster presentation at Research ShowCASE, CWRU.
- Moyer, K., Zyga, O., Russ, S. W., & **Dimitropoulos A.** (April, 2017). Musical Theatre Intervention Program Effectiveness: Peer-to-Peer Interactions in Children with Autism Spectrum Disorder. Poster presentation at Research ShowCASE, CWRU.
- Palmer, C. Zyga, O., Russ, S. W., & **Dimitropoulos A.** (April, 2017). Analysis of Interpersonal Skills in Children with Prader-Willi Syndrome Through the Use of Pretend Play. Poster presentation at Research ShowCASE, CWRU.
- Adelson, L., Zyga, O., Russ, S. W., & **Dimitropoulos A.** (2017, April). Divergent thinking during pretend play in preschoolers with Prader-Willi Syndrome. Poster presentation at Research ShowCASE, CWRU.
- *Doernberg, E., *Zyga, O., Russ, S., & **Dimitropoulos, A.** (2017, August). Establishing baseline characteristics for social cognitive processes in preschoolers with Prader-Willi syndrome. Paper presentation at the 2nd Annual Scientific Conference for the Foundation for Prader-Willi Syndrome Research, Indianapolis, IN.
- *Doernberg, E., Russ, S., & **Dimitropoulos, A.** (2017, August). Evaluating changes in imagination in children with Prader-Willi syndrome after a 6-week play-based telehealth behavioral intervention. Symposium presentation at the American Psychological Association 125th Annual Convention, Washington, D.C.
- *Zyga, O., Russ, S., & **Dimitropoulos, A.** (2017, August). Promoting symbolic play in preschoolers with Prader-Willi syndrome through the use of a telehealth parent-training program. Symposium presentation at the American Psychological Association 125th Annual Convention, Washington, D.C.

Dimitropoulos, A., *Zyga, O., *Doernberg, E., & Russ, S. (2017, March). Telehealth in Children with Prader-Willi Syndrome: Understanding the Unique Benefits and Challenges of Remote Intervention. Symposium presentation accepted for the 50th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

***Zyga, O., *Doernberg, E., Russ, S., & Dimitropoulos, A., (2017, March).** Promoting Parent-Child Engagement and Social Interaction in Preschoolers with Prader-Willi Syndrome: The Feasibility of a Telehealth Parent-Training Program . Poster to be presented at the 50th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Dimitropoulos, A., *Zyga, O., & Russ, S. (2017, April). Evaluating the Feasibility of a Play-based Telehealth Intervention Program for Children with Prader-Willi Syndrome . Symposium presentation accepted for the 2017 Society for Research on Child Development Biennial Meeting, Austin, Texas, USA.

Dimitropoulos, A., *Zyga, O., Russ, S., *Danker, N, Roof, E., & Dykens, E. (2016, March). Examining genetic subtype differences in pretend play among children with Prader-Willi syndrome. Paper presented at the 49th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, California.

Dimitropoulos, A., *Zyga, O., Russ, S., *Danker, N, & Dykens, E. (2015, October). Genetic subtype differences in pretend play among children with Prader-Willi syndrome. Paper presented at the 1st annual Scientific Conference for the Foundation for Prader-Willi Syndrome Research, Austin, Texas.

#Zyga, O., Russ, S., & Dimitropoulos, A. (2014, May). Effects of joint interaction on pretend play abilities in children with Prader-Willi syndrome and autism spectrum disorder. Poster presented at the annual International Meeting for Autism Research (IMFAR), Atlanta, Georgia.

#Zyga, O., Russ, S., & Dimitropoulos, A. (2014, March). Assessment of pretend play in children with Prader-Willi syndrome and autism spectrum disorder. Poster presented at the 47th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Chicago, Illinois.

Dimitropoulos, A. , Feldman, B., & Tillem, S. (2013, November). Face Processing in Prader-Willi syndrome. Paper presented at the Annual Prader-Willi Syndrome Association Scientific Conference, Orlando, Florida.

#Monnin, K., Russ, S., & Dimitropoulos, A. (2013, April). Evaluating play in relation to phenotypic characteristics in children with Prader-Willi syndrome. Poster presented at the CWRU Annual Intersections: Source Undergraduate Symposium and Poster Session, Cleveland, Ohio.

#Zyga, O., & **Dimitropoulos, A.** (2013, April). Using Functional Neuroimaging to Examine Food-related Neural Circuitry in Overweight and Obese Adolescents. Poster presented at the CWRU Annual Research Showcase, Cleveland, Ohio.

#Tillem, S. & **Dimitropoulos, A.** (2013, March). Functional differences between Prader-Willi syndrome, autism, and neurotypical controls during a fMRI based facial processing task. Poster presented at the 46th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Dimitropoulos, A. & Klaiman, C. (2012, May). Autistic symptomatology in Prader-Willi syndrome. Poster presented at the International Meeting for Autism Research (IMFAR), Toronto, Canada.

Dimitropoulos, A., *Feldman, B. & Klaiman, C. (2012, March). Social functioning and face discrimination in Prader-Willi syndrome. Symposium presentation at the 45th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, Maryland.

#Lemler, M., & **Dimitropoulos, A.** (2011, December). Discrepancy between parent report and clinician observation of symptoms in children with autism spectrum disorders. Poster presented at the CWRU Annual Intersections: Source Undergraduate Symposium and Poster Session, Cleveland, Ohio.

*1st place award winner for Social Science Poster Competition

Dimitropoulos, A. (2011, November). Social functioning in Prader-Willi syndrome. Paper presented at the Annual Prader-Willi Syndrome Association Scientific Conference, Orlando, Florida.

*Feldman, B. & **Dimitropoulos, A.** (2011, March). A cross syndrome study of facial discrimination skills in Prader-Willi syndrome and autism. Poster presented at the 44th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

#Ferranti, A., & **Dimitropoulos, A.** (2010, December). Pragmatics and Language Characteristics in Prader-Willi syndrome. Poster presented at the CWRU Annual Intersections: Source Undergraduate Symposium and Poster Session, Cleveland, Ohio.

#Jarrett, G., & **Dimitropoulos, A.** (2010, November). Is IQ a factor in Prader-Willi Syndrome Eating Disorder. Poster presented at the Annual Biomedical Research Conference for Minority Students, Charlotte, North Carolina.

*Kennedy, J., *Ho, A., & **Dimitropoulos, A.** (2010, November). Correlations of body mass index with neurological activity to food cues when hungry and satiated. Poster presented at the Annual Society for Neuroscience Conference, San Diego, California.*

*Poster selected as a "Hot Topic" newsworthy distinction for Neuroscience 2010.

- Dimitropoulos, A., *Kennedy, J., & *Ho, A.** (2010, November). Differential response to food cues during fasting and fed states. Poster presented at the Annual Society for Neuroscience Conference, San Diego, California.
- Dimitropoulos, A., *Ho, A., *Kennedy, J., & Tkach, J.** (2009, June). Neural response to food cues during hunger and satiation. Paper presented at the Annual Prader-Willi Syndrome Association Scientific Conference, Baltimore, Maryland.
- Dimitropoulos, A. & Tkach, J.** (2009, March). Neural response to food cues during hunger and satiation in healthy-weight participants. Paper presented at the 16th Annual Cognitive Neuroscience Society Meeting, San Francisco, California.
- *Ho, A., & Dimitropoulos, A.** (2008, April). Volumetric brain differences in people with Prader-Willi syndrome. Poster presented at the CWRU Annual Research Showcase, Cleveland, Ohio.
- Dimitropoulos, A., & Tkach, J.** (2008, March). Neural mechanisms of overeating in Prader-Willi syndrome. Poster presented at the 41st Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, California.
- Dimitropoulos, A., & Schultz, R.** (2007, June). Food-related neural circuitry in Prader-Willi syndrome: Response to high- vs. low-calorie foods. Poster presented at the 13th Annual Meeting of the Organization for Human Brain Mapping, Chicago, Illinois.
- Dimitropoulos, A., Klaiman, C., Piatt, C., Hunyadi, E., & Schultz, R.** (2006, June). Decreased activation in social perceptual neural circuitry in Prader-Willi syndrome. Poster presented at the 12th Annual Meeting of the Organization for Human Brain Mapping, Florence, Italy.
- Dimitropoulos, A., & Schultz, R.** (2004, March). Hyperphagia in Prader-Willi syndrome: Using fMRI to explore brain mechanisms in response to food stimuli. Paper presented at the 37th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, California.
- Dimitropoulos, A., Klaiman, C., Bregman, J., Pober, B., & Schultz, R.** (2003, July). Behavior and emotional problems in Prader-Willi syndrome: Comparisons to autism and Williams syndrome. Paper presented at the Annual Prader-Willi Syndrome Association Scientific Conference, Orlando, Florida.
- Dimitropoulos, A.** (2002, March). Rituals, compulsions, and the eating disorder in children with Prader-Willi syndrome. Paper presented at the 35th Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, San Diego, California.
- Dimitropoulos, A., & Thompson, T.** (2001, June). Childhood rituals and compulsive behavior in children with PWS. Paper presented at the 4th Triennial International Prader-Willi Syndrome Organization Scientific Conference, St. Paul, Minnesota.

Thompson, T., Butler, M., & **Dimitropoulos, A.** (2001, June). Compulsive behavior in PWS: Possible GABAergic mechanisms. Paper presented at the 4th Triennial International Prader-Willi Syndrome Organization Scientific Conference, St. Paul, Minnesota.

Feurer, I., **Dimitropoulos, A.**, Butler, M., & Thompson, T. (2000, March). Toward an empirically based typology of compulsive behavior in people with Prader-Willi syndrome. Paper presented at the preconference symposium of the 33rd Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, San Diego, California.

Dimitropoulos, A., Tapp, J., Feuer, I., Sanders, M., Roof, E., & Butler, M. (2000, March). Ritualistic eating behavior and mealtime characteristics in Prader-Willi syndrome. Poster presented at the 33rd Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, San Diego, California.

Dimitropoulos, A., Roof, E., Thompson, T., & Butler, M. (1999, July). Compulsive behavior in children with PWS. Paper presented at the 22nd Annual Prader-Willi Syndrome Association Parent Conference, San Diego, California.

Dimitropoulos, A., Feuer, I., Thompson, T., & Butler, M. (1999, July). Compulsive behavior and tantrums in children with PWS, Down syndrome, and typical development. Paper presented at the 22nd Annual Prader-Willi Syndrome Association Scientific Conference, San Diego, California.

Dimitropoulos, A., & Thompson, T. (1999, March). Compulsive behavior in children with Prader-Willi syndrome and Down syndrome. Poster presented at the 32nd Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, Charleston, South Carolina.

Dimitropoulos, A., Thompson, T., & Butler, M. (1998, June). Gender differences in compulsive behavior and tantrums among children with Prader-Willi syndrome. Poster presented at the 3rd Triennial Prader-Willi Syndrome International Scientific Workshop and Conference for Scientists, Professionals, and Parents, Venice, Italy.

Dimitropoulos, A., Thompson, T., & Butler, M. (1998, March). Temperament and compulsive behavior in children with Prader-Willi syndrome. Paper presented at the 31st Annual Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, Charleston, South Carolina.

Roof, E., **Dimitropoulos, A.**, Thompson, T., Butler, M., & Stone, W. (1997, July). Obsessive-compulsive behavior and tantrums in Prader-Willi syndrome. Paper presented at the 20th Annual Prader-Willi Syndrome Association Scientific Conference, Orlando, Florida.

Dimitropoulos, A., Thompson, T., & Butler, M. (1997, March). The development of behavior problems in children with Prader-Willi syndrome. Poster presented at the 30th Annual

Gatlinburg Conference on Research and Theory in Mental Retardation and Developmental Disabilities, Riverside, California.

GRANTS FUNDED

The Hartwell Foundation Special Biomedical Research Grant

Title: Internat Center for Autism Research & Education (ICARE) Phase II: Kids First
 Years: 6/1/2018-6/1/2021 (funding renewed until 12/2021; dollar amount TBA)
 Funding: \$540,689
 Position: Principal Investigator, 50% Summer Effort
 Goal: The goal of this project is to create a research registry of children with ASD to facilitate subclassification within ASDs within Northeast Ohio and nationally in collaboration with the Hartwell Foundation and Stanford University.

Foundation for Prader-Willi Syndrome Research

Title: Systematic investigation of early social cognitive processes and the feasibility of intervention (competitive renewal)
 Years: 2017-2018 with no cost extension to 2/2021
 Funding: \$77,679
 Position: Principal Investigator, 5% AY Effort, 50% Summer Effort
 Goal: To examine cognitive affective processes present during pretend play in PWS and ASD and determine feasibility of remote child intervention and parent training to enhance learning

Foundation for Prader-Willi Syndrome Research *(funds approved, position was declined by applicant; additional applicants were not pursued)*

Title: Postdoctoral Scholar for the PRETEND program (special invitation to submit)
 Years: 2020-2021
 Funding: \$74,440
 Position: Principal Investigator, 0% AY Effort, 0% Summer Effort
 Goal: To support a postdoctoral fellow in the Dimitropoulos lab to expand the PRETEND intervention program

Foundation for Prader-Willi Syndrome Research

Title: Developing objective biomarkers of hyperphagia in children with Prader-Willi Syndrome
 Years: 2017-2018
 Funding: \$149,532
 Position: Co-Investigator, 33% Summer Effort
 Goal: To evaluate novel biomarkers (eye-tracking) of food-related interest across nutritional phases in children with PWS.

Mt. Sinai Catalytic Autism Research Award, Case Western Reserve University International Center for Autism Research and Education (ICARE)

Title: Investigating the relation among oxytocin, social-cognitive ability, and parent-

child interactions in preschoolers with Autism Spectrum Disorder prior to and after intervention
 Years: 2016-2017
 Funding: \$19,400
 Position: Principal Investigator
 Goal: To characterize baseline and post-intervention oxytocin in relation to social cognitive ability in ASD

Foundation for Prader-Willi Syndrome Research

Title: Evaluating the **P**arent-focused **R**emote **E**ducation to **E**Nhance **D**evelopment (PRETEND) Program in Prader-Willi Syndrome
 Years: 2015-2017
 Funding: \$75,586
 Position: Principal Investigator, 5% AY Effort, 50% Summer Effort
 Goal: To examine cognitive affective processes present during pretend play in PWS and ASD and determine feasibility of remote parent training to enhance learning

Prader-Willi Syndrome Association, USA

Title: A systematic investigation of early social cognitive processes and the feasibility of intervention via telehealth in children with Prader-Willi syndrome
 Years: 2015-2017
 Funding: \$59,931
 Position: Principal Investigator, 5% AY Effort, 13% Summer Effort
 Goal: To determine feasibility of intervention via telehealth methodology in children with PWS

NIH RO1 Mechanism

Title: Revving-up exercise for sustained weight-loss by altering neurological reward and drive (REWARD): A randomized trial in obese endometrial cancer survivors
 Years: 2013-2017
 Position: Co-Investigator, 17% CY effort (PI: Nora Nock)
 Goal: To conduct a randomized trial of the effects of assisted exercise on cognitive and neural reward circuitry in obese cancer survivors.

National Science Foundation ACES Opportunity Grant, CWRU

Title: SPM training & pilot multi-site play study in Prader-Willi syndrome
 Years: 2014
 Funding: \$1,587.74
 Position: Principal Investigator
 Goal: To undergo individualized SPM training and begin pilot collaborative secondary analyses of play

Clinical & Translational Science Collaborative (CTSC) Large Pilot Award

Title: REWARD (Revving-up exercise for sustained weight loss by altering neurological reward and drive): A pilot study of assisted exercise in obese endometrial cancer

patients
 Years: 2011
 Direct costs: \$35,000
 Position: Co-Investigator, 0% AY effort (PI: Nora Nock)
 Goal: To conduct preliminary examination of effects of assisted exercise on cognitive and neural reward circuitry in obese cancer patients.

Clinical & Translational Science Collaborative (CTSC) Large Pilot Award

Title: Neurocognitive and Genetic Evaluation of Obese Endometrial Cancer Patients
 Years: 2010
 Direct costs: \$75,000
 Position: Co-Investigator, 0% AY effort (PI: Nora Nock)
 Goal: To conduct preliminary examination of effects of lifestyle intervention on cognitive and neural reward circuitry in obese cancer patients and the role of genetic variants on these processes.

Transdisciplinary Research on Energetics & Cancer Centers (TREC) Pilot Award

Title: Neurocognitive and Genetic Evaluation of Obese Endometrial Cancer Patients: A Feasibility Study
 Years: 2009-2010
 Direct costs: \$50,000
 Position: Co-Investigator, 0% AY effort (PI: Nora Nock)
 Goal: To conduct preliminary examination of effects of lifestyle intervention on cognitive and neural reward circuitry in obese cancer patients and the role of genetic variants on these processes.

NICHD RO3 00350205

Title: Neural Mechanisms of Overeating in Prader-Willi syndrome
 Years: 2008-2010 (1 year extension until August 2011)
 Direct costs: \$100,000
 Indirect costs: \$50,000
 Position: Principal Investigator, 17% CY effort
 Goal: To examine the neural basis of food motivation in Prader-Willi syndrome.

Prader-Willi Syndrome Association (USA)

Title: Autistic Symptomatology in Prader-Willi Syndrome: Examining Behavioral and Neurobiological Similarities between PWS and Autism Spectrum Disorders
 Years: AY08-09-AY09-10 (extension until November 2011)
 Direct costs: \$89,535
 Indirect costs: \$7,162.84 (8%)
 Position: Principal Investigator, 17% CY effort
 Goal: To evaluate the presence of autistic symptomatology and social-perceptual deficits in Prader-Willi syndrome.

National Science Foundation ACES Opportunity Grant, CWRU

Title: Food-related Neural Circuitry in Prader-Willi Syndrome and Binge-Eating Disorder
 Years: 2006-2008
 Funding: \$9,520.00
 Position: Principal Investigator, 0% AY effort
 Goal: To complete pilot project examining food-related neural circuitry in individuals with PWS in contrast to individuals with binge-eating disorder.

MR Pilot Study Funds, Case Center for Imaging Research, CWRU

Title: fMRI of Food-related Neural Circuitry During Fasting and Post-Meal States: Piloting Task and Scan Sequence Verification
 Years: 2006-2007
 Funding: 5 pilot scans (equivalent to \$4,500)
 Position: Principal Investigator, 0% AY effort
 Goal: To verify task design and scan sequence in healthy normal-weight controls prior to using fMRI to study food-related neural circuitry during fasting and post-meal states in Prader-Willi syndrome (PWS).

NIH Loan Repayment Program, Clinical Research (Peer-Reviewed)

Title: Hyperphagia in PWS: Using fMRI to Explore Brain Mechanisms in Response to Food
 Years: 2004-2006
 Funding: \$27,500
 Position: Repayment Recipient

NIMH T32MH18268, Research Training Fellowship in Childhood Mental Disorders

PI: James Leckman, Child Study Center, Yale University School of Medicine
 Years: 2002-2004
 Position: Postdoctoral Trainee, 100% CY Effort

John Merck Fund Scholars II Program, John Merck Fund

Title: The Emergence and Developmental Trajectory of Compulsive Behavior in Children with Prader-Willi Syndrome
 Years: 2000-2001
 Position: John Merck Scholar 100% CY Effort
 Goal: To systematically characterize the emergence of compulsive behavior in Prader-Willi syndrome.

Prader-Willi Syndrome Association, USA

Title: The Development of Behavior Problems in Children with Prader-Willi Syndrome
 Years: 1997
 Funding: \$2,461
 Position: Principal Investigator, 0% AY Effort
 Goal: To identify the onset and characteristics of behavior problems in Prader-Willi Syndrome

GRANTS FUNDED (SCHUBERT CENTER FOR CHILD STUDIES)

Ohio Bureau of Workers' Compensation

Title: Ohio COVID-19 Childcare Project
 Years: 2020
 Funding: \$329,994
 Position: Co-Investigator, 20% Summer Effort
 Goal: To evaluate the prevalence and factors driving transmission of COVID-19 in congregate childcare settings in Ohio.

Open Doors Academy

Title: Evaluating the Impact of ODA Out-of-School Time Enrichment Programs on Student Outcomes
 Years: 2020-2022
 Funding: \$62,722
 Position: Principal Investigator, 0% AY Effort
 Goal: To evaluate out-of-school enrichment program on academic success, social-emotional development, and family engagement

OTHER RESEARCH

2018-2020 Co-Investigator, UH site. Phase 3, Randomized, Double-Blind, Placebo-Controlled, 8-week Clinical Study to Assess the Efficacy, Safety, and Tolerability, of Intranasal Carbetocin (LV-101) in Prader-Willi Syndrome (PWS) with Long Term Follow-Up: CARE-PWS, LEVO Therapeutics, Inc.

2015-2019 Collaborator, W.P. Jones Presidential Faculty Development Fund (PI: Przeworski). Neurofunctional correlates of hoarding behavior in children and adolescents.

2014-2015 Co-Investigator, UH site. Randomized, double-blind, placebo controlled, Phase 3 trial of ZGN-440 in obese subjects with Prader-Willi syndrome to evaluate total body fat mass, food-related behavior, and safety over 6 months. 2014-2015

GRANTS NOT FUNDED

2020 NIH
 Title: REWARD-tDCs: Revving-up Exercise for Sustained Weight Loss by Altering Neurological Reward and Drive using Assisted Exercise and Transcranial Direct Current Stimulation
 Years: 2020-2025
 Position: Co-Investigator, 17% summer effort

2018 Simons Foundation
 Title: Validation of a Clinician-Child Interaction Adaptation of the Affect in Play Scale as an Outcome Measure for Youth with ASD

Years: 2019-2022
Funding: \$411,587
Position: Co-Investigator, 17% summer effort

2018 Autism Speaks
Title: Examining oxytocin expression as a biomarker and response to intervention in preschoolers with ASD
Years: 2019-2021
Funding: \$724,395
Position: Principal Investigator

NIH U01

Title: Cleveland collaborative substance Use, genes and Environment Study (CUES)
Years: 2015-2020
Position: Co-Investigator, 66% summer effort (PI: Lynn Singer)
Goal: To examine the developmental precursors of SUDs and its effects on brain development and function

Imagination Institute

Title: An Investigation of Measuring and Improving Imagination through Pretend Play in Children: an fMRI Intervention Study
Years: 2015-2017
Direct Costs: \$184,520
Position: Co-Principal Investigator, 33% summer effort, 5% AY effort
Goal: To identify neurofunctional correlates to pretend play and explore potential mediation by play intervention.
Competitive LOI accepted.

St. Baldrick's Foundation

Title: Food-Related Neural Circuitry in Obese Childhood Cancer Survivors
Years: 2015-2016
Position: Co-Investigator, 17% summer effort (PI: Nora Nock)
Goal: To examine food-related neural circuitry in childhood cancer survivors with obesity.

Foundation for Prader-Willi Syndrome Research

Title: A comprehensive investigation of social and emotional processing to inform intervention in PWS
Years: 2015
Funding: \$107,999
Position: Principal Investigator, 0% AY Effort
Goal: To obtain a comprehensive assessment of face processing in Prader-Willi Syndrome

Prader-Willi Syndrome Association, USA

Title: A comprehensive investigation of social and emotional processing to inform

intervention in PWS
 Years: 2015-2016
 Funding: \$75,000
 Position: Principal Investigator, 0% AY Effort
 Goal: To obtain a comprehensive assessment of face processing in Prader-Willi Syndrome

St. Baldrick's Foundation

Title: Obesity and food-related neural circuitry in survivors of childhood cancer
 Years: 2014
 Direct costs: \$50,000
 Position: Co-Investigator, 0% AY effort (PI: Sumana Narisimhan)

Clinical & Translational Science Collaborative (CTSC) Child Health Pilot Award

Title: Obesity and food-related neural circuitry in survivors of childhood cancer
 Years: 2013
 Direct costs: \$30,000
 Position: Co-Investigator, 0% AY effort (PI: Sumana Narisimhan)

Prader-Willi Syndrome Association (OHIO)

Title: Evaluating play in relation to phenotypic characteristics in children with Prader-Willi Syndrome
 Years: 2013
 Position: Co-Investigator, 0% AY effort (PI: Carolyn Ievers-Landis)
 Goal: To characterize play patterns in children with PWS in comparison to children with autism and neurotypical controls using standardized play assessments to further understand the social-cognitive phenotype and genetic overlap with ASD.

NIH T32

Title: Research training in pediatric psychology
 Years: 2012-2017
 Position: Participating Faculty
 Goal: To educate and mentor clinical psychology graduate students in pediatric psychology.

Clinical & Translational Science Collaborative (CTSC) Large Pilot Award

Title: Improving Quality of Life in Obese Endometrial Cancer Survivors through Exercise: A Feasibility Study
 Years: 2010
 Direct costs: \$75,000
 Position: Co-Investigator, 0% AY effort (PI: Nora Nock)

U01-HL098888 (U01: Centers for Behavioral Intervention Development to Reduce Obesity)

Title: A System Change-Cognitive Behavioral Approach for Improving Sleep and Energetics
 Funding: \$3,649,787

Position: Co-Investigator, 17% CY Effort (PI: Susan Redline)

The Dana Foundation Brain and Immuno-Imaging Grant Proposal: Track A

Title: Depression and Obesity: Using Neuroimaging and Structural Equation Modeling to Identify Common Behavioral Mediator and Genetic Modifier Targets for Enhancing Intervention Efficacy

Funding: Internal Competition: Submitted November 1, 2008. Not accepted.

Position: Co-Investigator, 0% AY effort (PI: Nora Nock)

Foundation for Prader-Willi Research

Title: Neural Mechanisms of Overeating in Prader-Willi syndrome

Years: AY08-09

Direct costs: \$49,963

Indirect costs: \$0

Position: Principal Investigator, 17% CY effort

Goal: To examine the neural basis of food motivation in Prader-Willi syndrome.

John Merck Scholars Program in the Biology of Developmental Disabilities in Children

Title: Autistic Symptomatology in Prader-Willi syndrome: Examining Behavioral and Neurobiological Similarities Between PWS and Autism Spectrum Disorders

Years: 2007-2009

Direct Costs: \$288,958

Indirect costs: \$0

Position: Principal Investigator

Goal: To examine autistic symptomatology in individuals with PWS using validated diagnostic tools for assessing ASD, to further test the hypothesis that maternal UPD is a specific risk factor for autistic symptomatology, and to investigate commonalities in social-perceptual neural circuitry in PWS and ASD using functional magnetic resonance imaging.

Prader-Willi Syndrome Association (USA)

Title: Using fMRI to Examine Food-Related Neural Circuitry During Fasting and Post-Meal States in Prader-Willi Syndrome

Funding: Letter of Intent submitted June 1, 2006. Not accepted.

Position: Principal Investigator

GRANTS NOT FUNDED (SCHUBERT CENTER FOR CHILD STUDIES)

2020 Cleveland Municipal School District

Title: Cleveland Metropolitan School District-Academic Learning Pods

Years: 2020-2021

Funding: \$49,837

Position: Principal Investigator, 0% AY effort

TEACHING

TEACHING HISTORY

Courses taught at Case Western Reserve University

Psychology 101, General Psychology

Spring, 2008

Fall/Spring, 2007

Fall, 2006

Psychology 375 (Sages Dept. Seminar), Research Design and Analysis in Psychology

Spring, 2018

Spring, 2017/Fall 2017

Spring/Fall, 2016

Spring/Fall, 2015

Fall, 2014

Spring/Fall, 2013

Spring/Fall, 2012

Spring/Fall, 2011

Spring/Fall, 2010

Spring, 2009 (2 sections)

Spring, 2008

Fall, 2007

Spring, 2006

Psychology 379, Neurodevelopmental Disorders

Spring, 2019 (cross-listed as PSCL 479)

Spring, 2017 (cross-listed as PSCL 479)

Spring, 2015

Spring, 2012

Spring, 2010

Spring, 2007

Spring/Fall, 2006

Psychology 394 (Sages Capstone Course), Senior Capstone Seminar in Psychology

Spring, 2021(virtual)/Fall 2021

Spring/Fall 2020(virtual)

Fall, 2019

Spring/Fall, 2018

Fall, 2017

Spring/Fall, 2016

Fall, 2015

Fall, 2014

Spring/Fall, 2013

Fall, 2012

Fall, 2011

Spring/Fall, 2010

Psychology 453, Seminars in Psychology: fMRI in Neurodevelopmental Disorders
Fall, 2005

Vanderbilt University

Psychology 269, Developmental Psychobiology

Co-instructor

Spring, 2000

Psychology 2690, Experimental Methods of Child Development

Graduate Teaching Assistant

Fall, 1996

Other

Montessori Childhood Program, Christ Church Cathedral, Nashville, Tennessee

Co-Instructor

1998-2001

STUDENT THESIS AND DISSERTATION COMMITTEES SERVED

Dissertations

Tori Sacha	Construct validity of the Affect in Play Scale-Brief Rating (Proposed August 16, 2006; Defense: April 11, 2008) Committee Member
SungHee Nam	Factors that contribute to the responsiveness of adoptive parents (Proposed January 11, 2010; Defense: December 1, 2010) Outside Member
James Kennedy	Weight differences in neurofunctional activity to visual food cues: a meta analysis of neuroimaging studies (Proposed June 27, 2012; Defense: April 19, 2013) Primary Mentor
Ariel Cascio	The professional construction of autism spectrum disorders in Italy (Proposed September 21, 2012; Defense: March 6, 2015) Outside Member
Alan Ho	Risk factors of emotional eating among undergraduates (Proposed February 5, 2013; Defense: May 12, 2014) Primary Mentor
Christine May	How Acute Exercise Can Alter Automatic Action-Tendencies and Self- Reported Affect Proposed: February 25, 2014; Defense: March 6, 2015) Committee Member
Benjamin Feldman	Face processing in the broader autistic phenotype: exploring face processing as an endophenotype of autistic spectrum disorder (Proposed: February 20, 2013; Defense: March 5, 2015) Primary Mentor

Olena Zyga	Title: Investigating the relation among oxytocin, social cognitive ability, and parent-child interactions in preschoolers with autism spectrum disorder (Proposed: February 15, 2017; Defense: March 21, 2019) Primary Mentor
Stacey Miner	Title: Evaluation of the relationship of sleep disturbances to severity and common behaviors in autism spectrum disorder (Proposed: March 12, 2019; Defense: September 29, 2020) Outside Committee member (Nursing)
Jessica Salley	Title: Cognitive fatigue in children with traumatic brain injury: Comparisons across tasks and with peers (Proposed: April 21, 2020; Defense:) Committee Member Academic Planning Committee Member 2019-2020.
Alexis Lee	Title: Attention-Deficit/Hyperactivity disorder and creativity: The role of inhibitory control (Proposed: June 24, 2019; Defense:) Committee Member
Ellen Doernberg	Title: Implementation of a remote play intervention for school-aged children with autism spectrum disorder (Proposed: May 11, 2021; Defense:) Primary Mentor
Huangqi Jiang	TBA (Proposed:; Defense:) Committee member
<u>Theses</u>	
Alan Ho	Neural mechanisms underlying food related behaviors Masters Thesis Defense: November 22, 2010 Chair
James Kennedy	Role of body mass index in neural response to food cues: Functional response to high and low calorie foods when hungry and satiated Masters Thesis Defense: December 15, 2011 Chair
Benjamin Feldman	A cross syndrome study of facial discrimination skills in Prader-Willi syndrome and autism spectrum disorder Masters Thesis Defense: April 3, 2012 Chair
Olena Zyga	Distinguishing reality from fantasy and self from others: The intersection of executive function, pretense, and theory of mind in childhood Masters Thesis Defense: June 8, 2016 Co-Chair
Huangqi Jiang	Factor analyses of cognitive control Masters Thesis Defense: March 25, 2019 Committee member

Libby Crook	Social participation in elementary students with TBI: Is there a relationship with persistent cognitive deficits as reported by parents and teachers? Masters Thesis Proposed: March 19, 2019; Defense: April 26, 2021 Committee member
Ellen Doernberg	A play intervention for school-age children with autism spectrum disorder Masters Thesis Proposed: December 5, 2018; Defense: November 19, 2019 Co-Chair
Sam Seidman	Maternal depression and adolescent attention to self- or other-directed emotional faces Defense: April 27, 2020 Committee member

OTHER STUDENT RESEARCH UNDER MY DIRECTION

Monica Karam	Senior Capstone Project with Honor Distinction* Title: Early language characteristics in children with Prader-Willi syndrome Fall, 2020 & Spring 2021
Taylor Jackson	Senior Capstone Project with Honor Distinction* Title: Pragmatic language and social skills in children with Prader-Willi syndrome Fall, 2020 & Spring 2021
Jessica Salley	Lab Rotation, TBI & eye-tracking Fall, 2019
Nicole Baumgartner	Senior Capstone Project with Honor Distinction* Title: The relationship between individual and dyadic play in Prader-Willi Syndrome: A direct comparison to autism spectrum disorder Fall, 2019
Carolyn Manuck	Senior Capstone Project with Honor Distinction* Title: Efficacy of a remotely delivered play intervention for children with Prader-Willi syndrome Fall, 2017 & Spring, 2018 Awarded CWRU SOURCE funding for this project, Summer 2017
Danica Mavroudis	Senior Capstone Project with Honor Distinction Title: Parent child interactions in Prader-Willi syndrome: Response to intervention Fall, 2017 & Spring, 2018
Charlotte Palmer	Senior Capstone Project Title: Analysis of interpersonal skills of children with PWS through the use of pretend play Spring, 2017
Lucy Adelson	Senior Capstone Project with Honors Distinction Title: Divergent thinking in pretend play in preschoolers with PWS Spring, 2017

Kenya Moyars	Senior Capstone Project with Honors Distinction Title: Musical theater program effectiveness: Peer-to-peer interactions in children with ASD Fall, 2016 & Spring, 2017
Natalie Dean	Senior Capstone Project Title: Treatments for PWS hyperphagia TBA Fall, 2016
Andrew Serger	First Year Project Title: Investigating variation of cognitive effects in video game users by frequency and reward sensitivity 2015-2016
Maria Fazal	Senior Capstone Project Title: Autistic Symptomatology in Early Childhood: A Comparison of Play and Language Between the mUPD and DEL Subtypes of PWS *Intersections: SOURCE Poster Award Winner, 2 nd place Social Sciences, Awarded December, 2015 Fall 2015
Victoria Zagorski	Senior Capstone Project Title: Nonverbal communication use prominently as conversational gestures in autism spectrum disorder: A review Spring 2015
Bianca Patel	Senior Capstone Project Title: The biological basis of intelligence versus the intelligence as processing theory: A review Fall, 2013
Olena Zyga	Senior Capstone Project Title: Assessment of pretend play in children with Prader-Willi syndrome and autism spectrum disorder Fall, 2013
Maria Lemler	Senior Capstone Project Title: Discrepancy between parent report and clinician observation of symptoms in children with autism spectrum disorders Fall, 2011
Angela Ferranti	Senior Capstone Project Title: Speech/language characteristics in Prader-Willi syndrome Fall, 2010
Jennifer Soo Hoo	Senior Capstone Project Title: Social competence in Prader-Willi syndrome Spring, 2009
Alan Ho	First Year Project Title: Voxel-based morphometry and volumetric analysis of Prader-Willi syndrome brain 2007-2008
Rachel Kroner	Senior Capstone Project Title: Speech and articulation deficits in Prader-Willi syndrome *Experiential Learning Fellowship Awarded November, 2006

2006-2007
Elia Pestana, M.D. Resident One-Year Project
Title: Examination of cortical morphology in Prader-Willi syndrome
2006-2007

STUDENT TEACHING SUPERVISION

Spring 2020 Ellen Doernberg: Autism today
Fall 2016 Olena Zyga: Becoming social
Alex Uzdavines: Psychology in video games
Alison Athey: Mind over matter: The placebo effect
Fall 2012 Benjamin Feldman: Autism spectrum disorders
James Kennedy: Eating and the brain

PROFESSIONAL ACTIVITIES

AD HOC REVIEWER

Journals:

American Journal on Intellectual and Developmental Disabilities

American Journal of Medical Genetics: Part A

Appetite

Biological Psychiatry

BMJ Case Reports

Brain Imaging and Behavior

Cerebral Cortex

Children's Health Care Journal

CNS Drugs

Diseases

Drugs

Genes, Brain, & Behavior

Health & Social Care in the Community

Intelligence

International Journal of Obesity

Journal of Autism and Developmental Disorders

Journal of Child and Family Studies

Journal of Developmental and Behavioral Pediatrics

Journal of Genetic Counseling

Journal of Intellectual Disability Research

Journal of Neurodevelopmental Disorders

Journal of Pediatric Psychology

Neuroimage

Neuropsychologia

Neuroscience

Orphanet Journal of Rare Diseases

Pediatrics
Pediatrics International

Other:

Allyn & Bacon (book chapter reviewer)
Brookes Publishers (textbook reviewer)
Foundation for Prader-Willi Syndrome Research (grant reviewer; multiple cycles)
Prader-Willi Syndrome Association (USA) (grant reviewer; multiple cycles)
Organization of Human Brain Mapping (abstract reviewer)
Worth Publishers (Research Methods textbook reviewer)
2011 Nutrition Obesity Research Center Grant, Clinical and Translational Science Collaborative, CWRU (grant reviewer)
UW-Milwaukee's Research Growth Initiative, Grant Reviewer, 2018
NIH review panel (special interest reviewer): March, 2020 (conducted virtually)
SRCDD Biennial 2021 Virtual Meeting (abstract reviewer)

PROFESSIONAL MEMBERSHIPS

American Association on Intellectual and Developmental Disabilities
Association for Research on Developmental Disabilities
International Society for Autism Research
Prader-Willi Syndrome Association (USA)
Prader-Willi Syndrome Association (Ohio)
Society for Research in Child Development

SERVICE

ACADEMIC SERVICE-DEPARTMENT

Fall, 2020	Point of contact for DCAS applicants (MacNamara sabbatical)
2019-present	Faculty Mentoring: Sarah Hope Lincoln
2016-2018	PSSC Strategic Planning, Graduate Committee, Member
2010, 2011	Departments of Psychology and Communication Sciences Ice Cream Social for Potential Majors
2009-2010	Member, Candidate Search Committee, Department of Psychology
2006-2009	CASE Experience Faculty Representative for Psychology Department
2006-Present	Prospective Freshman Recruitment, Department of Psychological Sciences
2006-Present	Graduate Applicant Review, Department of Psychological Sciences
2006-Present	Undergraduate Advising
2005-2011	Mentor, NIH Pediatric Training Graduate Program

ACADEMIC SERVICE-COLLEGE OF ARTS & SCIENCES

2020	Faculty Advisor, Autism Acceptance group
2016- 2017	Chair, Graduate Studies Committee, College of Arts and Sciences
2014-2018	Member, Graduate Studies Committee, College of Arts and Sciences

2011-2017	Faculty Advisor, Autism Speaks University
2007-2009	Faculty Advisor, Case Campus Girl Scouts
2009	Member, Assistant Dean of Undergraduate Studies Candidate Search Committee
2005-2011	Member, Brain Imaging Advisory Committee, College of Arts & Science

ACADEMIC SERVICE-UNIVERSITY

2021	Member, Community Engagement Group
2021	Member, Population Health and Health Policy Initiative
2020-Present	Member, CWRU SARS-CoV-2 Research: Behavioral Health and Population Outcomes
2019-Present	Director, Schubert Center for Child Studies
2019-Present	Co-Director, Childhood Studies Minor
2018-2019	Research Director, Schubert Center for Child Studies
2019	Reviewer, Cleveland Brain Health Initiative Retreat
2015-2019	Member, Academic Integrity Hearing Board
2014-Present	Member, Medial Humanities/Social Medicine Advisory Board
2014-2017	Member, Committee on Women Faculty, Faculty Senate
2013-Present	Member, International Center for Autism Research and Education (ICARE)
2013-2017	Member, Brain Health Initiative
2012-Present	Member, Case Center for Imaging Research, CWRU School of Medicine & University Hospitals Case Medical Center
2008-2019	Member, Cognitive Neuroscience Initiative
2008-Present	Member, Case Faculty Parents of Young Children
2007-Present	Faculty Associate, Schubert Center for Child Studies

ACADEMIC SERVICE-OTHER

2021	Member, PWS Clinical Research Network
2018-2020	C-YBOCS consultant and rater for carbetocin clinical trial (LV-101)
2016-Present	Invited Member, Steering committee of the PWS International Clinical Trials Consortium
2016-Present	Invited Member, PWS-Clinical Trials Consortium Working Groups: Behavioral Biomarkers & Clinical Nutritional Phases Designation
2016	Grant reviewer for Action Medical Research for children, United Kingdom
2014	Grant Reviewer for AgreeSkills+ fellowships, International mobility program, European Commission, French INRA
2014-2018	Career mentoring program for Postdoctoral Scholars, Emory University for Miriam Lense
2011-2018	Ambassador, Loan Repayment Program, National Institute of Health
2009-2012	Bridges Research Mentor, Tri-C Bridges to Success in the Sciences, for the advancement of underrepresented minority students in the sciences, Cuyahoga Community College, NIH Division of Minority Opportunities

2009-present	Member, Scientific Advisory Board, Prader-Willi Syndrome Association (USA)
2006, 2007	Member, Scientific Advisory Board, Organization of Human Brain Mapping, Human Brain Mapping Conference
2001-2002 and 1995-1997	Member, Graduate Student Council, Department of Psychology & Human Development, George Peabody College, Vanderbilt University
1998-1999	Graduate Student Representative, John F. Kennedy Center Lecture Series Committee, Vanderbilt University
1998-1999	Graduate Student Representative, John F. Kennedy Center Coordinating Committee, Vanderbilt University

COMMUNITY SERVICE

2021	Shaker Heights Band Boosters, Volunteer Coordinator
2021	Family volunteer, Camp Hope, Clemson University Outdoor Lab
2019-present	Various activities through the Schubert Center for Child Studies
2019	Evaluation Advisory Committee, Open Doors Academy
2018	Family volunteer, Camp Hope, Clemson University Outdoor Lab
2014-2018	Orthodox Education Teacher, Sts. Constantine & Helen Cathedral
2018	Fernway Neighborhood Association, Street Representative
2017-2019	Pastries volunteer coordinator, Sts. Constantine & Helen
2014-2016	Scholastic Book Fair Organizing Committee Member, Fernway School
2012-2018	Academic Reviewer, Sts. Constantine & Helen Library College Scholarship Committee
2006-present	Voting Member, Philoptochos Philanthropic Committee, Sts. Constantine & Helen Greek Orthodox Cathedral
2008-2009	General Board Member, Carol Nursery School