

DATE: 11/08/17

**CURRICULUM VITAE
CHANTELLE NOBILE HART**

Center for Obesity Research and Education
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EDUCATION

Bachelor of Arts 1996	Tufts University , Medford, MA Child Development, <i>magna cum laude</i>
Master of Arts 2001	Case Western Reserve University , Cleveland, OH Clinical Psychology (specialization in pediatric psychology)
Clinical Internship 2003-2004	Clinical Psychology Training Consortium of the Alpert Medical School of Brown University , Providence, RI Clinical Psychology
Doctor of Philosophy 2004	Case Western Reserve University , Cleveland, OH Clinical Psychology (specialization in pediatric psychology)
Postdoctoral Fellowship 2004-2006	Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University NIMH T32 Research Fellow and American Diabetes Association Research Fellow in Obesity

ACADEMIC APPOINTMENTS

2007-2013	Assistant Professor (Research), Department of Psychiatry & Human Behavior, Alpert Medical School of Brown University, Providence, RI
2007-2013	Staff Psychologist, Weight Control & Diabetes Research Center, Department of Behavioral Medicine, The Miriam Hospital, Providence, RI
2013	Associate Professor (Research), Department of Psychiatry & Human Behavior, Alpert Medical School of Brown University, Providence, RI

- 2013-2015 Associate Professor, Department of Public Health, Temple University, Philadelphia, PA
- 2013-present Adjunct Associate Professor, Department of Psychiatry & Human Behavior, Alpert Medical School of Brown University, Providence, RI
- 2015-present Associate Professor, Social and Behavioral Sciences, College of Public Health, Temple University, Philadelphia, PA

PROFESSIONAL LICENSES

Licensed Clinical Psychologist, Rhode Island #PS00917 December 2005

HONORS AND AWARDS

- 1992-1996 Dean's Academic Honor List, Tufts University
- 1995-1996 Captain, NCAA Div. III Women's Basketball Team, Tufts University
- 1996 Magna Cum Laude, Tufts University
- 1996 Alex Elias Memorial Prize, Tufts University
- 1998-2001 NIMH T32 Predoctoral Research Fellow in Pediatric Psychology
- 2000 Phi Beta Kappa Award for Master's Thesis, Case Western Reserve University
- 2001 Graduate Student Therapist Award, Cognitive Behavioral Therapy, Case Western Reserve University
- 2003-2004 F31 Predoctoral Research Fellow, Case Western Reserve University
- 2004-2006 T32 Postdoctoral Research Fellow, Department of Psychiatry & Human Behavior, Rhode Island Hospital/Brown University
- 2012 Citation Abstract for *Changes in Children's Eating Behaviors Following Increases and Decreases in their Sleep Duration*, The Society of Behavioral Medicine's 33rd Annual Meeting, New Orleans
- 2014 Master of Arts *ad eundem*, Brown University, Providence, RI.

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

1998-present American Psychological Association (APA)

1999-present Society for Pediatric Psychology, Division 54 of APA

2009-present The American Diabetes Association

2009-present The Obesity Society

2013-present Sleep Research Society

GRANT FUNDING

† *PI is former/current student/mentee*

Completed

1. F31 MH067343-01 **Nobile** (PI) 09/18/02-06/30/03
NIMH

Parent-provider communication in primary care

This NRSA provided training in state of the art methods in parent-provider communication assessment and piloted an intervention designed to enhance residents' interpersonal communication skills in primary care.

Role: PI

2. unnumbered Klein (PI) 05/01/07-08/31/09

Rhode Island Department of Health

Asthma Clinical Care Program

The purpose of this grant is to improve the quality of care provided to children with asthma in community settings, including how providers effectively communicate with families.

Role: Consultant

3. 1-09-JF-22 **Hart** (PI) 01/01/09-01/31/12

The American Diabetes Association

Sleep Duration and Pediatric Overweight: The Role of Eating Behaviors

This grant examines whether changing sleep duration in school-age children is associated with changes in leptin and ghrelin, the reinforcing value of food, and eating and activity behaviors.

Role: PI

4. U01 CA150387-01 Wing (PI) 09/28/09-08/31/15 (NCE)

The National Cancer Institute

Increasing Sleep Duration: A Novel Approach to Weight Control

The purpose of the project is to translate the basic science on sleep duration into a novel intervention to reduce obesity and obesity-related co-morbidities.

Role: Co-I (through 07/31/13)/Consultant (as of 08/01/13)

†5. 1R21HD078890-01 Kuhl (PI) 02/01/14-01/31/16

NICHHD

Developing a Preschool Obesity Intervention for Families Enrolled in WIC

The purpose of this grant is to determine the feasibility, acceptability, and preliminary efficacy of a community-based preschool obesity intervention that is specifically designed for families who are enrolled in WIC.

Role: Co-I

6. R01 HL116254 Mitchell/Jelalian (Co-PI) 04/01/13-03/31/16 (NCE)
NHLBI

Asthma and Physical Activity in Urban Children: Cultural and Contextual Factors

The purpose of this grant is to understand how asthma symptomatology affects engagement in physical activity.

Role: Co-I

7. R01 HL092910 **Hart (PI)** 04/01/11-11/30/16 (NCE)
NHLBI

Enhancing Sleep Duration: Effects on Children's Eating and Activity Behaviors

The purpose of this grant is to determine whether an intervention to increase sleep duration in school-age children affects eating and activity behaviors, and zBMI.

Role: PI

8. F32HD08298201A1 Kelly (PI) 08/01/15-07/31/16
NICHD

The Cognitive Capacity Model for Energy Intake and Excess Weight Gain in Youth

The purpose of the study is to evaluate a novel cognitive capacity model for regulating energy intake that proposes that cognitive fatigue induces excess weight gain in youth.

Role: Consultant

9. R56DK108661 **Hart (PI)** 09/25/15-08/31/16
NIDDK

Mealtime interactions and risk of obesity in toddlers

This project aims to determine the role of maternal responsive feeding during toddlerhood on subsequent obesity risk.

Role: Multi-PI (with Phelan and Wing)

10. 1R34DK100981-01 Jelalian (PI) 07/01/14-06/30/17
NIDDK

TEEN JOIN: A scalable weight control intervention for adolescents

The proposed study is a randomized controlled trial (RCT) testing the effectiveness of an enhanced version of the JOIN program (developed by United Health Group and Y-USA) at improving weight loss than the original JOIN program (while maintaining its scalability in a community setting).

Role: Consultant

11. 5NU87PS004152-04-00 Peters (PI) 08/01/16-07/31/18
Centers for Disease Control

Philadelphia Survey Surveillance Project- YRBS

This project provides surveillance of key health behaviors in Philadelphia public high school students.

Role: Co-I (PI Temple subcontract)

Ongoing

12. U01 HL114377 Phelan (PI) 12/01/11-07/31/18
NHLBI

Preventing Excessive Gestational Weight Gain in Obese Women

The purpose of this grant is to determine the efficacy of a multicomponent intervention to prevent excessive gestational weight gain in a multiethnic population.

Role: Co-I through 07/31/16

13. 2011-68001-30148 Fisher (PI) 03/01/11-12/31/17 (NCE)
USDA NRI AFRI

Reducing solid fat and added sugar intakes in low-income preschoolers through environmental and behavioral portion size strategies

To prevent obesity among low-income preschoolers by reducing excessive energy intakes from foods high in solid fats and added sugars (SFAS) through authoritative portion size strategies.

Role: Co-I as of 03/01/14

14. 1R01DK101046-01 Carskadon (PI) 01/01/14-12/31/19
NIDDK

Food Choices in Overweight & Normal Weight Adolescents-Sleep & Circadian Rhythms

This project uses the forced desynchrony protocol to examine food choices and factors that may affect food choices and food consumption in healthy overweight and normal weight adolescents with a specific focus on the role of sleep homeostasis and circadian rhythms.

Role: Co-I

15. R01HL130816-01 Herring (PI) 01/15/16-12/31/20
NHLBI

Community-based obesity treatment in African American women after childbirth: a randomized controlled trial of WIC mothers

This project aims to reduce disparities in obesity by implementing and evaluating a behavioral weight loss intervention in low-income Black mothers during the first postpartum year.

Role: Co-I

16. 1R01DK108661 **Hart (PI)** 08/01/16-05/31/20
NIDDK

Mealtime interactions and risk of obesity in toddlers

This project aims to determine the role of maternal responsive feeding during toddlerhood on subsequent obesity risk.

Role: MPI (with Phelan and Wing)

17. FY2015 PA CURE Formula Funding Masucci (PI) 07/01/16-12/21/19

PA Department of Health

Community-Based Obesity Treatment in African American Women after Childbirth: Examining the “Ripple” Effect on Infant Weight

The purpose of the proposed study is to determine whether a lifestyle intervention to promote postpartum weight loss in obese African American women will have positive "ripple" effects on their untreated infants (e.g., lead to changes in eating/activity/sleep behaviors and weight status).

Role: Co-I

18. 1-17-ICTS-066

Hart (PI)

01/01/17-12/31/19

The American Diabetes Association

Experimental changes in children's sleep duration and timing: effect on obesity and type 2 diabetes risk

This project will use a randomized controlled study design to determine how changes in children's sleep duration and timing affect adiposity and glucose regulation in African American children who are overweight/obese.

Role: PI

19. R01 HL092910

Hart (PI)

09/01/17-06/30/22

NHLBI

Enhancing Sleep Duration: Effects on Children's Eating and Activity Behaviors

The proposed study is a randomized controlled trial (RCT) to compare relative efficacy of enhancing sleep alone or with targeted eating and activity behaviors on school-aged children's weight status and cardiometabolic disease risk.

Role: PI

Pending Review/Funding Decision

20. R01DK115597

Jelalian (PI)

12/01/17-11/30/22

NIDDK

JOIN for ME: Testing a Community-Based Weight Control Intervention for Children

The goal of the proposed research is to conduct a randomized controlled trial to test the effectiveness of a community-based pediatric weight control program, YMCA-JOIN for ME, with a focus on recruitment of families from low-income backgrounds.

Role: Co-I

20. pending

Koinis-Mitchell/Marshall (PIs)

04/01/18-03/31/23

NIH/Institute assignment pending

Immune Balance, Sleep Loss and Recovery Sleep in Urban Children with Asthma

The proposed study will use a within-subjects experimental design to assess the effect of sleep restriction and recovery sleep on immune balance in a sample of urban, elementary school-age children with asthma.

Role: Co-I

21. pending

Spaeth (PI)

01/01/18-12/31/21

American Diabetes Association

Increasing Adolescent Sleep Duration to Reduce Type 2 Diabetes Risk

The proposed study will use a within subjects experimental design to understand the role of enhancing adolescents' sleep, including recovery sleep after sleep restriction, on glucose regulation and diabetes risk.

Role: Consultant

22. USDA-NIFA-2017-07064 Fisher (PI) 09/01/18-08/31/22
USDA

Promoting healthy snacking in early care and education settings

The aims of this novel, integrated child obesity prevention project are to investigate and promote healthy snacking among preschool-aged children in ECE settings.

Role: Co-I

23. pending LaRose (PI) 04/01/18-03/31/21
NIDDK

Understanding Key Predictors of Variability in Treatment Response among High-Risk Emerging Adults Enrolled in Behavioral Weight Control

The proposed study is attempting to establish behavioral and psychosocial phenotypes to predict treatment response in emerging adults who are participating in weight control.

Role: Co-I

PUBLICATION LIST

†*First author is current/former student/mentee; *Co-author is current/former student/mentee*

Original Publications in Peer-Reviewed Journals

1. Owens-Stively, J., Spirito, A., **Nobile, C.**, & Arrigan, M. (1997). Incidence of parasomnias in children with obstructive sleep apnea. *Sleep, 20*, 1193-1196.
2. Owens, J., Opiari, L., **Nobile, C.**, & Spirito, A. (1998). Sleep and daytime behavior in children with obstructive sleep apnea and behavioral sleep disorders. *Pediatrics, 102*, 1178-1184.
3. Owens, J., Maxim, R., McGuinn, M., **Nobile, C.**, Msall, M., & Alario, A. (1999). Television viewing habits and sleep disturbances in school-aged children. *Pediatrics, 104*, e27.
4. Owens, J.A., Maxim, R., **Nobile, C.**, McGuinn, M., & Msall, M. (2000). Parental and self-report of sleep in children with attention-deficit/hyperactivity disorder. *Archives of Pediatrics & Adolescent Medicine, 154*, 549-555.
5. Owens, J.A., Spirito, A., McGuinn, M., & **Nobile, C.** (2000). Sleep habits and sleep disturbance in elementary school-aged children. *Journal of Developmental and Behavioral Pediatrics, 21*, 27-36.
6. Jelalian, E., Alday, S., Spirito, A., Rasile, D., & **Nobile, C.** (2000). Adolescent motor vehicle

- crashes: The relationship between behavioral factors and self-reported injury. *Journal of Adolescent Health, 27*, 84-93.
7. Jelalian, E., Spirito, A., Rasile, D., & **Nobile, C.** (2001). Behavioral factors associated with self-reported injury in young adolescent males. *International Journal of Adolescent Medicine & Health, 13*, 155-167.
 8. Drotar, D., Walders, N., Burgess, E., **Nobile, C.**, Dasari, M., Kahana, S., Miller, V., Schwartz, L., Schafer, E., & Zebracki, K. (2001). Recommendations to enhance comprehensive care for children with chronic health conditions. *Children's Services: Social Policy, Research, and Practice, 4*, 251-264.
 9. Bloom, B.J., Owens, J.A., McGuinn, M., **Nobile, C.**, Schaeffer, L., & Alario, A.J. (2002). Sleep and its relationship to pain, dysfunction, and disease activity in juvenile rheumatoid arthritis. *Journal of Rheumatology, 29*, 169-173.
 10. **Nobile, C.** & Drotar, D. (2003). Research on the quality of parent-provider communication in pediatric care: Implications and recommendations. *Journal of Developmental and Behavioral Pediatrics, 24*, 1-12.
 11. Sindelar, H.A., Abrantes, A.M., **Hart, C.**, Lewander, W., & Spirito, A. (2004). Motivational interviewing in pediatric practice. *Current Problems in Pediatric and Adolescent Health Care, 34*, 322-329.
 12. **Hart, C.N.**, Palermo, T.M., & Rosen, C.L. (2005). Health-related quality of life among children presenting to a pediatric sleep disorders clinic. *Behavioral Sleep Medicine, 3*, 4-17.
 13. **Hart, C.N.** & Drotar, D. (2006). Maternal knowledge of nutrition, problem-solving abilities, and the introduction of complementary foods into infants' diets. *Early Child Development and Care, 176*, 693-705.
 14. Krishnamoorthy, J.S., **Hart, C.**, & Jelalian, E. (2006). The Epidemic of Childhood Obesity: Review of research and implications for public policy. *Social Policy Report, 19*, 3-18.
 15. **Hart, C.N.**, Drotar, D., Gori, A., & Lewin, L. (2006). Enhancing parent-provider communication in ambulatory pediatric practice. *Patient Education and Counseling, 63*, 38-46.
 16. Boergers, J., **Hart, C.**, Owens, J.A., Streisand, R., & Spirito, A. (2007). Child sleep disorders: Associations with parental sleep duration and daytime sleepiness. *Journal of Family Psychology, 21*, 88-94.
 17. **Hart, C.N.**, Kelleher, K.J., Drotar, D., & Scholle, S.H. (2007). Parent-provider communication and parental satisfaction with care of children with psychosocial problems. *Patient Education and Counseling, 68*, 179-185.

18. **Hart, C.N.**, & Jelalian, E. (2008). Shortened sleep duration is associated with pediatric overweight. *Behavioral Sleep Medicine*, 6, 1-18.
19. Jelalian, E., **Hart, C.N.**, Mehlenbeck, R., Lloyd-Richardson, E.E., Kaplan, J., Flynn-O'Brien, K., & Wing, R.R. (2008). Predictors of attrition and weight loss in an adolescent weight control program. *Obesity*, 16, 1318-1323.
20. Raynor, H.A., Osterholt, K., **Hart, C.N.**, Jelalian, E., Vivier, P., & Wing, R.R. (2009). Evaluation of active and passive recruitment methods used in randomized controlled trials targeting pediatric obesity. *International Journal of Pediatric Obesity*, 4, 224-232.
21. Raynor, H.A., Jelalian, E., Vivier, P.M., **Hart, C.N.**, & Wing, R.R. (2009). Parent-reported eating and leisure-time activity selection patterns related to energy balance in preschool- and school-aged children. *Journal of Nutrition Education and Behavior*, 41, 19-26.
22. Mehlenbeck, R., Jelalian, E., Lloyd-Richardson, E.E., & **Hart, C.N.** (2009). Effects of behavioral weight control intervention on binge eating symptoms among overweight adolescents. *Psychology in the Schools*, 46, 776-786
23. **Hart, C.N.**, Raynor, H.A., Jelalian, E., & Drotar, D. (2010). The association of maternal food intake and infants' and toddlers' food intake. *Child: Care Health & Development*, 36, 396-403
24. **Hart, C.N.**, Jelalian, E., Raynor, H., Mehlenbeck, R., Lloyd-Richardson, E., Kaplan, J., Flynn-O'Brien, K., (2010). Early patterns of food intake as predictors of BMI change in an adolescent weight loss trial. *Eating Behaviors*, 11, 217-222. PMC2943148
25. Jelalian, E., Lloyd-Richardson, E.E., Mehlenbeck, R., **Hart, C.N.**, Flynn-O'Brien, K., Kaplan, J., Neill, M. & Wing, R.R. (2010). Behavioral weight control treatment with supervised exercise or peer-enhanced adventure for overweight adolescents. *Journal of Pediatrics*, 157, 923-928.
26. Phelan, S., **Hart, C.**, Phipps, M.G., Abrams, B., Schaffner, A., Adams, A., & Wing, R.R. (2011). Maternal behaviors during pregnancy impact offspring obesity risk. *Experimental Diabetes Research*, doi:10.1155/2011/985139.
27. Raynor, H.A., Van Walleghen, E., Osterholt, K., **Hart, C.N.**, Jelalian, E., Wing, R.R., & Goldfield, G.S. (2011). The relationship between child and parent food hedonics and parent and child food group intake in children with overweight/obesity. *Journal of the American Dietetic Association*, 111, 425-430. PMCID: PMC3058875
28. Sato, A.F., Jelalian, E., **Hart, C.N.**, Lloyd-Richardson, E.E., Mehlenbeck, R., Neill, M., & Wing, R.R. (2011). Associations between parent behavior and adolescent weight control. *Journal of Pediatric Psychology*, 36, 451-460.

- *29. **Hart, C.N.**, Cairns, A., & Jelalian, E. (2011). Sleep and obesity in children and adolescents. *Pediatric Clinics of North America*, 58, 715-733. PMID: PMC3107702
30. Jelalian, E., Sato, A.F., & **Hart, C.N.** (2011). The effect of group-based weight-control intervention on adolescent psychosocial outcomes: Perceived peer rejection, social anxiety and self-concept. *Children's Health Care*, 3, 197-211; DOI: 10.1080/02739615.2011.590391. PMID: PMC3525356
31. **Hart, C.N.**, Raynor, H.A., Osterholt, K., Jelalian, E., & Wing, R. (2011). Eating and activity habits of overweight children on weekdays and weekends. *International Journal of Pediatric Obesity*, 6, 467-472.
- *32. **Hart, C.N.**, Fava, J., Subak, L.L., Stone, K., Cairns, A., Demos, K., O'Brien, E., & Wing, R. (2012). Time in bed is associated with decreased physical activity and higher BMI in women seeking weight loss treatment. *ISRN Obesity*, 2012, Article ID: 320157.
33. Jensen, C.D., Sato, A., McMurtry, C.M., **Hart, C.N.**, & Jelalian, E. (2012). School nutrition policy: An evaluation of the Rhode Island healthier beverages policy in schools. *Infant Child and Adolescent Nutrition*, 4, 276-282.
34. Raynor, H.A., Osterholt, K.M., **Hart, C.N.**, Vivier, P., Jelalian, E., & Wing, R.R. (2012). Efficacy of U.S. pediatric obesity primary care guidelines: Two randomized trials. *Pediatric Obesity*, 7, 28-38, doi: 10.1111/j.2047-6310.2011.00005.x. PMID: PMC3748796.
35. Lloyd-Richardson, E.E., Jelalian, E., Sato, A.F., **Hart, C.N.**, & Wing, R.R. (2012). Two-year follow-up of an adolescent behavioral weight control intervention. *Pediatrics*, 130, doi:10.1542/peds.2011-3283.
36. O'Brien, E.M., Fava, J., Subak, L.L., Stone, K., **Hart, C.N.**, Demos, K., & Wing, R. (2012). Sleep duration and weight loss among overweight/obese women enrolled in a behavioral weight loss program. *Nutrition & Diabetes*, 2, e43. doi:10.1038/nutd.2012.17. PMID: PMC3461353
- *37. **Hart, C.N.**, LaRose, J.G., Fava, J., James, B. & Wing, R.R. (2013). The association between time in bed and obesity risk in young adults. *Behavioral Sleep Medicine*, 11(5):321-7. doi: 10.1080/15402002.2012.700289. PMID: PMC3644344
- *38. **Hart, C.N.**, Carskadon, M.A., Considine, R., Fava, J.L., Lawton, J., Raynor, H.A., Jelalian, E., Owens, J.A., & Wing, R.R. (2013). Changes in children's sleep duration on food intake, weight, and leptin. *Pediatrics*, 132, e1473-80, doi: 10.1542/peds.2013-1274
39. Rancourt, D., Barker, D. H., Sato, A. F., Lloyd-Richardson, E. E., **Hart, C. N.**, & Jelalian, E. (2014). Longitudinal associations among change in overweight status, fear of negative

- evaluation, and weight-related teasing among obese adolescents. *Journal of Pediatric Psychology*, 39, 697-707. PMID: PMC4107576
40. Xu, X., Demos, K.E., Leahey, T.M., **Hart, C.**, Trautvetter, J., Coward, P., Middleton, K., Wing, R.R. (2014). Failure to replicate depletion of self-control. *PLOS One*.
 41. **Hart, C.N.**, Carskadon, M.A., Demos, K., Van Reen, E., Sharkey, K.M., Raynor, H.A., Considine, R.V., Jones, R.N., & Wing, R.R. (2014). Acute changes in sleep duration on eating behaviors and appetite-regulating hormones in overweight/obese adults. *Behavioral Sleep Medicine*. PMID: PMC4706228
 42. Hawley, N., Johnson, W., **Hart, C.N.**, Triche, E., Ching, J.A., Muasau-Howard, B. & McGarvey, S.T. (2015). Gestational weight gain among Samoan women and its impact on delivery and infant outcomes. *BMC Pregnancy and Child Birth*, 15, doi: 10.1186/s12884-015-0451-1. PMID: PMC4324802
 43. Roane, B., Van Reen, E., Sharkey, K., **Hart, C.**, Wing, R.R., & Carskadon, M.A. (2015). Estimating sleep from armband activity: Validity and reliability in teens. *Journal of Sleep Research*, 24, 714-721.
 44. O'Brien, E., **Hart, C.N.**, & Wing, R.R. (2015). Discrepancies between self-reported usual sleep duration and objective measures of total sleep time in treatment seeking overweight and obese individuals. *Behavioral Sleep Medicine*, epub ahead of print.
 45. Zambrano, D.N., Mindell, J.A., Reyes, N.R., **Hart, C.N.**, & Herring, S.J. (2015). "It's not all about my baby's sleep": A qualitative study of factors influencing low-income African American mothers' sleep quality. *Behavioral Sleep Medicine*, epub ahead of print.
 46. Demos, K.E., Leahey, T.M., **Hart, C.N.**, Trautvetter, J., Coward, P., Duszlack, J., & Wing, R.R. (2015). A pilot randomized controlled trial testing the effects of a routine-based intervention on outcomes in a behavioral weight loss program. *Obesity Science and Practice*. DOI: 10.1002/osp4.16
 47. Poole, S.A., **Hart, C.N.**, Jelalian, E., & Raynor, H.A. (2016). Relationship between dietary energy density and dietary quality in overweight young children: A cross-sectional analysis. *Pediatric Obesity*, 11, 128-135. PMID: PMC4839781
 48. Clifton, R., Evans, M., Cahill, A.G., Franks, P.W., Gallagher, D., Phelan, S., Pomeroy, J., Redman, L.M., Van Horn, L., & the **LIFE-Moms Research Group**. (2016). Design of lifestyle intervention trials to prevent excessive gestational weight gain in women with overweight or obesity. *Obesity*, 24, 305-313.
 - *49. **Hart, C.N.**, Hawley, N., & Wing, R.R. (2016a). Development of a behavioral sleep intervention as a novel approach for pediatric obesity in school age children. *Pediatric Clinics of North America*, 63, 3, 511-524. PMID: PMC4893806

- *50. **Hart, C.N.**, Hawley, N., & Wing, R.R. (2016b). Development of a behavioral sleep intervention as a novel approach for pediatric obesity in school age children. *Sleep Medicine Clinics*, 11, 515-524.
-This is a reprinted version of the above-referenced article (#49)
51. Parthasarathy, S., Buysse, D., Carskadon, M., Jean-Louis, G., Owens, J., Bramoweth, A., Combs, D., **Hart, C.N.**, Hasler, B., Honaker, S.M., Hickam, D., Hertenstein, E., Kuna, S., Kushida, C., Levenson, J., Mensah G.A., Murray, C., Pack, A., Pillai, V., Pruiksma, K., Seixas, A., Strollo, P., Thosar, S., Twery, M., Williams, N., & Stoney, K. (2016). Implementation of Sleep and Circadian Science: Recommendations from the Sleep Research Society and National Institutes of Health Workshop. *Sleep*, 39, 2061-2075. PMID: PMC5103795
52. Demos, K.E., **Hart, C.N.**, Sweet, L.H., Mailloux, K.A., Trautvetter, J., Williams, S.E., Wing, R.R., & McCaffery, J.M. (2016). Partial sleep deprivation impacts impulsive action but not impulsive decision-making. *Physiology & Behavior*, 164 (Pt A), 214-219.
- *53. **Hart, C.N.**, Hawley, N., Davey, A., Carskadon, M.A., Raynor, H.A., Jelalian, E., Owens, J.A., Considine, R. & Wing, R.R. (in press). Effect of experimental change in children's sleep on television viewing and physical activity. *Pediatric Obesity*.
54. Demos, K., Sweet, L.H., **Hart, C.N.**, McCaffery, J.M., Williams, S.E., Maillouz, K.A., Trautvetter, J., Owens, M.M., & Wing, R.R. (in press). The effects of experimental manipulation of sleep duration on neural response to food cues. *Sleep*.

Under Review

55. Evans, E.W., Raynor, H.A., Jelalian, E., **Hart, C.N.**, & Carskadon, M.A. The timing of eating occasions and the effect of age and weight status in a nationally representative sample of children and adolescents. *Submitted to American Journal of Clinical Nutrition*.
56. Phelan, S., Brannen, A., McHugh, A., Hagobian, T., Schaffner, A., Jelalian, E., **Hart, C.N.**, Abrams, B., Scholl, T.O., Munoz Christian, K., Yin, E., Phipps, M., & Wing, R.R. Randomized trial of behavioral intervention with partial meal replacement to reduce excessive weight gain during pregnancy: The Healthy Beginnings/Comienzos Saludables Study. *Revise and resubmit to American Journal of Clinical Nutrition*.
- ‡57. Lavery, A.M., Collins, B.N., Waldman, A., **Hart, C.N.**, Bar-Or, A., Marrie, R.A., Arnold, D., O'Mahony, J., & Banwell, B. Interaction of secondhand tobacco smoke exposure and HLA-DRB1*15 increases the odds for pediatric multiple sclerosis. *Submitted to Multiple Sclerosis Journal*.
- ‡58. Spaeth, A.M., Hawley, N., Raynor, H.A., Jelalian, E., Greer, A., Crouter, S.E., Coffman, D.L., Carskadon, M.A., Owens, J.A., Wing, R.R. & **Hart, C.N.** *Sleep, energy balance, and meal timing in school-aged children*.

In Preparation

- *58. **Hart, C.N.**, Raynor, H.A., Carskadon, M.A., Jelalian, E., Owens, J.A., Hawley, N., & Wing, R.R. *Effect of changes in children's nocturnal sleep duration on targeted eating behaviors and the timing of food intake.*
- ‡59. Pool, A., Coffman, D.L., Sarwer, D.B., LaRose, J.G., & **Hart, C.N.** *Effect of weight misperception and contextual factors on weight control among young adults.*
- *60. **Hart, C.N.**, Hawley, N., Egelston, B., Raynor, H.A., Jelalian, E., Carskadon, M.A., Owens, J.A., & Wing, R.R. *Effect of brief behavioral intervention on children's sleep and weight status.*
- ‡61. Spaeth, A.M., Hawley, N., Carskadon, M.A., Raynor, H.A., Jelalian, E., Owens, J.A., Wing, R.R. & **Hart, C.N.** *Sleep intervention improves self-control in school-aged children.*
- ‡62. Spaeth, A.M., Hawley, N., & **Hart, C.N.** *Racial differences in sleep patterns, but not in response to treatment intervention.*
- ‡*63. Cai, X., Coffman, D.L., Spaeth, A., & **Hart, C.N.** *Estimation and inference for the Mediation effect in a time-varying mediation model.*

Original Publications Not in a Peer-Reviewed Journal

1. Jelalian, E., **Hart, C.N.**, & Rhee, K. (2009). Treatment of pediatric and adolescent obesity. *Medicine and Health Rhode Island*, 92, 48-49.

Books and Book Chapters

1. Walders, N., **Nobile, C.**, & Drotar, D. (2000). Promoting adherence to medical treatment in childhood chronic illness: Challenges in a managed care environment. In D. Drotar (Ed.), *Promoting Adherence to Medical Treatment in Childhood Chronic Illness: Concepts, Methods, & Interventions*. Mahwah, NJ: Lawrence Erlbaum Associates Publishers.
2. Drotar, D. Riekert, K.A., Burgess, E., Levi, R., **Nobile, C.**, Seja, A., & Walders, N. (2000). Adherence to treatment in childhood chronic illness: Issues and recommendations to enhance practice, research, and training. In D. Drotar (Ed.), *Promoting Adherence to Medical Treatment in Childhood Chronic Illness: Concepts, Methods, & Interventions*. Mahwah, NJ: Lawrence Erlbaum Associates Publishers.
3. Palermo, T.M., & **Nobile, C.** (2003). Pain assessment. In T. Ollendick & C. Schroeder (Eds.), *The Encyclopedia of Pediatric and Clinical Child Psychology*, pp. 435-436. NY: Kluwer Academic/Plenum Press.
4. Palermo, T.M., & **Nobile, C.** (2003). Pain management. In T. Ollendick & C. Schroeder (Eds.), *The Encyclopedia of Pediatric and Clinical Child Psychology*, pp. 437-438. NY:

Kluwer Academic/Plenum Press.

5. Drotar, D., Sturner, R., & **Nobile, C.** (2004). Diagnosing and managing behavioral and developmental problems in primary care: Current applications of the DSM-PC. In B.W. Wildman & T. Stancin (Eds.), *New Directions for research and treatment of pediatric psychosocial problems in primary care*. Westport, CT: Greenwood Publishing.
6. Xanthopoulos, M., **Hart, C.N.**, & Jelalian, E. (2008). Developmental considerations in the treatment of overweight. In E. Jelalian & R.G. Steele (Eds.), *Handbook of Childhood and Adolescent Obesity*. NY: Springer.
7. Jelalian, E., & **Hart, C.N.** (2009). Pediatric Obesity. In M. Roberts (Ed.), *Handbook of Pediatric Psychology, 4th ed.* NY: Guilford.
- *8. **Hart, C.N.**, Kuhl, E., & Jelalian, E. (2012). *Short Sleep and Obesity Risk in Children*. In: P. Shiromani, T. Horvath, S. Redline, and E. van Cauter (Eds.) *Sleep Loss and Obesity: Intersecting Epidemics*, NY: Springer.
- *9. **Hart, C.N.**, Hawley, N., Kuhl, E., & Jelalian, E. (2013). *Weight Control and Obesity*. In: A. Wolfson & H. Montgomery-Downs (Eds.) *The Oxford Handbook of Infant, Child, and Adolescent Sleep: Development and Problems*, NY: Oxford.

Abstracts

†*First author is current/former student/mentee; *Co-author is current/former student/mentee*

Poster Presentations

1. Owens-Stively, J., McGuinn, M., Berkelhammer, L., **Nobile, C.**, & Spirito, A. (1997, June). *Neuropsychological and behavioral correlates of obstructive sleep apnea in children*. Poster presented at the American Sleep Disorders Association, San Francisco, CA.
2. Owens, J., Opiari, L., **Nobile, C.**, & Spirito, A. (1997, September). *Sleep and daytime behavior in children with obstructive sleep apnea and behavioral sleep disorders*. Poster presented at The Society for Developmental and Behavioral Pediatrics 15th Annual Meeting, Boston, MA.
3. Fritsch, S.L., **Nobile, C.**, & Fritz, G.K. (1997, October). *Psychological factors, somatization, and utilization of pediatric health care systems*. Poster presented at The Academy of Child and Adolescent Psychiatry Annual Meeting, Toronto, Canada.
4. Boergers, J., Donaldson, D., **Nobile, C.**, & Spirito, A. (1998, August). *Self-reported reasons for adolescent suicide attempts*. Poster presented at the American Psychological Association Annual Convention, San Francisco, CA.
5. Owens, J., **Nobile, C.**, & Spirito, A. (1998, September). *Prevalence and types of sleep disturbances in school-aged children*. Poster presented at the 14th Congress of the

European Sleep Research Society, Madrid, Spain.

6. Bloom, B.J., Alario, A.J., **Nobile, C.**, & Owens, J.A. (1998, September). *The association of sleep disturbance with disease activity and parent-reported pain in children with juvenile rheumatoid arthritis*. Poster presented at The Society for Developmental and Behavioral Pediatrics 16th Annual Meeting, Cleveland, OH.
7. Lawson, C.L., Zlotnick, C., Spirito, A., Donaldson, D. & **Nobile, C.** (1999, April). *Family issues and loneliness in adolescent suicide*. Poster presented at the 32nd Annual American Association of Suicidology Conference, Houston, TX.
8. Alday, C.S., Jelalian, E., Spirito, A., Rasile, D. & **Nobile, C.** (1999, April). *Adolescent motor vehicle crashes: The relationship between behavioral factors and self-reported injuries*. Poster presented at the Florida Conference on Child Health Psychology, Gainesville, FL.
9. Owens, J., Boergers, J., Streisand, R., **Nobile, C.**, & Spirito, A. (1999, June). *Relationship between mother and child sleep disturbances*. Poster presented at the Association of Professional Sleep Societies, Orlando, FL.
10. **Nobile, C.** & Drotar, D. (2000, April). *Correlates of maternal decision-making in primary care*. Poster presented at the Southwest Regional Child Health Psychology Conference, Oklahoma City, OK.
11. Burgess, E., **Nobile, C.**, & Drotar, D. (2000, November). *A behavioral and developmental screening of early school-aged children with congenital heart disease*. Poster presented at the Association for the Advancement of Behavior Therapy Conference, New Orleans, LA.
12. Jelalian, E., Lloyd Richardson, E.E., Mehlenbeck, R., **Hart, C.**, & Wing, R.R. (2006, October). *Randomized clinical trial of behavioral treatment combined with exercise or peer enhanced intervention for overweight adolescents*. Poster presented at the North American Association for the Study of Obesity's Annual Scientific Meeting, Boston, MA.
13. Jelalian, E., **Hart, C.N.**, Richardson, E., Mehlenbeck, R., Neill, M. (2008, April). *Impact of adolescent weight control intervention on self-concept and social functioning*. Poster presented at the National Conference of Child Health Psychology, Miami, FL.
14. Raynor, H.A., Osterholt, K., **Hart, C.**, Jelalian, E., Vivier, P., & Wing, R. (2008, October). *The effect of obesity treatment following expert recommendations on weight status in young children*. Poster presented at The Obesity Society's Annual Meeting, Phoenix, AZ.
15. Raynor, H.A., Osterholt, K., **Hart, C.**, Jelalian, E., Vivier, P., & Wing, R.R. (2009, April). *Effect of obesity treatment following expert recommendations over 12-month follow-up*

in young children. Poster presented at the Society of Behavioral Medicine's Annual Meeting, Montreal, Quebec, Canada.

16. **Hart, C.N.**, Raynor, H.A., Osterholt, K.M., Jelalian, E., & Wing, R.R. (2009, October). *Differences in food intake on weekdays and weekends for children enrolled in a weight loss trial.* Poster presented at The Obesity Society's Annual Meeting, Washington, D.C.
17. Jelalian, E., **Hart, C.**, Lloyd Richardson, E., Mehlenbeck, R., Neill, M., & Wing, R.R. (2009, October). *Influence of parent behaviors on adolescent weight control.* Poster presented at The Obesity Society's Annual Meeting, Washington, D.C.
18. Sato, A. F., Tortolani, C., Jelalian, E., & **Hart, C.** (2010, October). *Impact of weight control intervention on adolescents' physical activity and sedentary behavior.* Poster presented to The Obesity Society 2010 Annual Scientific Meeting, San Diego, CA.
19. Jelalian, E., Sato, A. F., **Hart, C.**, Lloyd Richardson, E., & Mehlenbeck, R. (2010, October). *Two year follow up of a behavioral adolescent weight control intervention.* Poster presented to The Obesity Society 2010 Annual Scientific Meeting, San Diego, CA.
20. McMurtry, C.M., Jelalian, E., **Hart, C.**, Neill, M. (2010, October). *Implementation of a school-based policy banning sugar sweetened beverages: Examination of student reaction, consumption, and weight status.* Poster presented to The Obesity Society 2010 Annual Scientific Meeting, San Diego, CA.
21. Sato, A. F., Jelalian, E., & **Hart, C.** (2010, November). *Role of self-efficacy among adolescents participating in a weight control intervention.* Poster presented to the 44th Annual Convention of the Association for Behavioral and Cognitive Therapies, San Francisco, CA.
- *22. **Hart, C.N.**, Fava, J., Subak, L.L., Stone, K., Cairns, A., Demos, K., O'Brien, E., & Wing, R.R. (2011, October). *Shortened sleep duration is associated with increased BMI and decreased physical activity.* Poster presented at The Obesity Society 2011 Annual Scientific Meeting, Orlando, FL.
- *23. Demos, K.E., Carskadon, M., Sharkey, K., **Hart, C.N.**, Lawton, J.M., Ogilvie, R., Cairns, A., & Wing, R.R. (2011, October). *Effects of acute changes in scheduled sleep duration on eating behavior.* Poster presented at The Obesity Society 2011 Annual Scientific Meeting, Orlando, FL.
- *24. O'Brien, E., Leahey, T., Fava, J., Subak, L.L., Stone, K., **Hart, C.N.**, Cairns, A., Demos, K., & Wing, R. (2011, October). *Sleep duration does not predict weight loss outcomes and does not change following a behavioral weight loss program.* Poster presented at the Obesity Society 2011 Annual Scientific Meeting, Orlando, FL.
- *25. **Hart, C.N.** Lawton, J., Samuels, A., Carskadon, M., Jelalian, E., Fava, J., Owens, J.,

- Raynor, H., & Wing, R. (2012, June). *The association between nocturnal sleep duration and daytime activity in school-age children*. Poster presented at the Associated Professional Sleep Societies 2012 Meeting, Boston, MA.
26. **Hart, C.N.**, Considine, R., Fava, J., Carskadon, M., Jelalian, E., Raynor, H.A., Owens, J., & Wing, R.R. (2012, September). *The influence of children's sleep on leptin, ghrelin, and c-reactive protein*. Poster presented at The Obesity Society's 2012 Annual Meeting, San Antonio, TX.
- †27. Lawton, J.M., **Hart, C.N.**, O'Brien, E.M. & Wing, R.R. (2012, September). *Sleep duration and dietary intake in treatment seeking obese adults*. Poster presented at The Obesity Society's 2012 Annual Meeting, San Antonio, TX.
28. Hagobian, T., Phelan, S., **Hart, C.**, Phipps, M.G., Abrams, B., Wing, R.R. (2012, September). *Sleep disturbances related to psychosocial functioning but not weight retention in postpartum women*. Poster presented at The Obesity Society's 2012 Annual Meeting, San Antonio, TX.
- †29. Samuels, A., Hawley, N.L., Mathieu, V., Kuhl, E. & **Hart, C.N.** (2012, October) *A comparison of the nutritional composition of school versus "brown-bag" lunches*. Poster presented at the annual Lifespan Research Day, Providence, RI.
- *30. **Hart, C.N.**, Samuels, A., Hawley, N., Raynor, H.A., Carskadon, M.A., Jelalian, E., Owens, J.A., & Wing, R.R. (2013, June). *Decreases in children's sleep result in increased frequency of eating bouts and greater caloric consumption later in the day*. Poster presented at the Associated Professional Sleep Societies 2012 Meeting, Baltimore, MD.
31. Rancourt, D., Barker, D. Sato, A., **Hart, C.**, & Jelalian, E. (2013, November). *Longitudinal associations between change in overweight status, fear of negative evaluation, and weight-related teasing among obese adolescents*. Poster presented at The Obesity Society's 2013 Annual Meeting, Atlanta, GA.
32. Poole, S., **Hart, C.**, Jelalian, E., & Raynor, H.A. (2013, November). *A diet lower in energy density is related to higher diet quality in overweight young children*. Poster presented at The Obesity Society's 2013 Annual Meeting, Atlanta, GA.
- †33. Kuhl, E., Jelalian, E., **Hart, C.**, Leahey, T., & Wing, R. (2013, November). *Influence of having children on weight control for adults participating in an internet-based, behavioral intervention*. Poster presented at The Obesity Society's 2013 Annual Meeting, Atlanta, GA.
34. Leahey, T., **Hart, C.**, Demos, K., Coward, P., Duszliak, J., Trautvetter, J., & Wing, R. (2014, April). *Novel application of self-control training to weight loss*. Poster presented at the Society of Behavioral Medicine Conference, Philadelphia, PA.
35. Roane, B., Van Reen, E., Sharkey, K., **Hart, C.**, Wing, R.R., & Carskadon, M.A. (2014,

- June). *Challenge comparison of two activity monitors to polysomnography for sleep/wake estimation in healthy adolescents*. Poster presented at the Associated Professional Sleep Societies 2014 Meeting, Minneapolis, MN.
36. Fisher, J.O., Serrano, E.L., Foster, G.D., **Hart, C.N.**, Whitaker, R.C., Bruton, Y.P., Davey, A., Lawman, H.G., & Orloski, A. (2014, June). *Reducing solid fat and added sugar intakes in low-income preschoolers through environmental and behavioral portion size strategies*. Poster presented at the Society for Nutrition Education and Behavior Annual Conference, Milwaukee, WI.
- †37. Greer, A., Monahan, L., & **Hart, C.** (2014, August). *The association of supermarket accessibility with unhealthy eating behaviors and obesity risk*. Poster presented at MPH Internship Research Day, West Chester University of Pennsylvania.
38. Doyle, C.Y., **Hart, C.N.**, & Leahey, T. (2014, November). *Sleep disruption and light exposure are not associated with BMI in a treatment-seeking overweight/obese population*. Poster presented at The Obesity Society Annual Meeting, Boston, MA.
39. Brannen, A., Gonzalez, R., **Hart, C.**, Wing, R., & Phelan, S. (2014, November). *Infants eating junk food? Feeding practices in a diverse population of infants*. Poster presented at The Obesity Society Annual Meeting, Boston, MA.
40. Walker, J., **Hart, C.**, Jelalian, J., Carcone, A.I., Eghtedary, K., Thompson, V., & Towner, E. (March, 2015). *Recruitment of families from low-income and minority backgrounds into a preschool obesity intervention study*. Poster presented at the Wayne State University School of Medicine Annual Pediatric Research Day, Detroit, Michigan.
41. Durkin, K., Jelalian, J., **Hart, C.**, Carcone, A.I., Eghtedary, K., Thompson, V., & Towner, E. (March, 2015). *A comprehensive evaluation of overweight and obese preschoolers' daily physician and sedentary activity*. Poster presented at the Wayne State University School of Medicine Annual Pediatric Research Day, Detroit, Michigan.
42. Carskadon, M.A., Saletin, J.M., Van Reen, E., Bartz, A., **Hart, C.N.**, Raynor, H., & Herz, R.S. (2015, April). *Smell and Taste, Trait or State? The influence of circadian rhythm on chemosensory thresholds*. Poster presented at the Association for Chemoreceptive Science (AChemS) Annual Meeting, Bonita Spring, FL.
- †43. Towner, E.K., Hill, A., **Hart, C.N.**, Jelalian, E., Carcone, A.I., Thompson, V., & Eghtedary, K. (October, 2015). *Food purchasing patterns and home food environment for obese families living in the Detroit 'food desert.'* Poster presented at the RoBUST Fall Symposium, Wayne State University, Detroit, Michigan.
44. Durkin, K., Jelalian, J., **Hart, C.**, Carcone, A.I., Eghtedary, K., Thompson, V., & Towner, E. (October, 2015). *The relationship between mood, stress, and feeding in African-American families of overweight and obese preschoolers from low-income backgrounds*. Poster presented at the RoBUST Fall Symposium, Wayne State University, Detroit, Michigan.

45. Walker, J., **Hart, C.**, Jelalian, J., Carcone, A.I., Eghtedary, K., Thompson, V., & Towner, E. (October, 2015). *Recruitment of families from low-income and minority backgrounds into a preschool obesity intervention study*. Poster presented at the RoBUST Fall Symposium, Wayne State University, Detroit, Michigan.
- †*46. Pool, A.C., Greer, A., & **Hart, C.N.** (2016, April). *The association between parenting style and weight status in 8-11 year old children*. Poster presented at the College of Public Health's Research Day, Temple University, Philadelphia, PA.
- †47. Lavery AM, Waldman A, **Hart C**, Nelson D, Banwell B, Collins B. (2016, April). *Tobacco smoke exposure and pediatric multiple sclerosis*. Poster presented at the College of Public Health's Research Day, Temple University, Philadelphia, PA.
48. Courtney, R., Jelalian, E., **Hart, C.N.**, Guthrie, K., Carcone, A.I., Thompson, V., Eghtedary, K., & Towner, E.K. (2016, May). *WIC-WSU partnerships to help Detroit families defy the odds of preschool obesity: The tale of two families*. Poster presented at the Mayor's Summit on Health Equity in Detroit. Detroit, Michigan.
- †49. Lavery, A.M., Collins, B.N., Waldman, A., Nelson, D., **Hart, C.**, Bar-Or, A., Marrie, R.A., Arnold, D., O'Mahony, J., Banwell, B., on behalf of the Canadian Pediatric Demyelination Disease Network. (2016, September). *Interaction of secondhand tobacco smoke exposure and HLA-DRB1*15 increases the odds for pediatric multiple sclerosis*. Poster presented at the European Committee for Treatment and research in Multiple Sclerosis, London, England.
- †50. Greer, A., Peters, J., & **Hart, C.N.** (2016, October). *2015 Youth Risk Behavior Survey, Philadelphia*. Poster presented at R2P: Research, Policy and Practice Conference, Philadelphia, PA.
- *51. **Hart, C.N.**, Spaeth, A. & Greer, A. (2017, May). *Effect of brief behavioral intervention on school-aged children's sleep and weight status*. Poster presented at Philadelphia Obesity Research Day Retreat, Philadelphia, PA.
- †52. Spaeth, A., Greer, A., & Hart, C.N. (2017, May). *Associations between bedtime, sleep duration, and energy balance in school-aged children*. Poster presented at Philadelphia Obesity Research Day Retreat, Philadelphia, PA.
- †53. Towner, E.K., **Hart, C.N.**, Guthrie, K., Idalski Carcone, A., Anderson, V., Eghtedary, K., & Jelalian, E. (2017, March). *Developing a preschool obesity intervention for families enrolled in WIC*. Poster presented at the 38th Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Diego, CA.
54. Serrano, E., Fisher, J., **Hart, C.**, Bruton, Y., Meredith, E., Songer, A., Helms Culhane, J., Farris, A., & Foster, G. (2017, June). *Building capacity among peer educators to implement a clinical intervention within community-based settings: The food, fun, and*

families project. Poster presented at the International Society of Behavioral Nutrition and Physical Activity annual meeting, Victoria, Canada.

- *55. **Hart, C.N.**, Hawley, N.L., Egleston, B., Raynor, H.A., Jelalian, E., Carskadon, M.A., Owens, J.A., & Wing, R.R. (2017, June) *Brief behavioral intervention enhances children's sleep and improves weight status*. Poster presented at the Associated Professional Sleep Societies Meeting, Boston, MA.
- †56. Spaeth, A.M., Hawley, N.L., Carskadon, M.A., Raynor, H.A., Jelalian, E., Owens, J.A., Wing, R.R., & **Hart, C.N.** (2017, June). *Sleep intervention improves self-control in school-aged children*. Poster presented at the Associated Professional Sleep Societies Meeting, Boston, MA.
- †*57. Spaeth, A.M., Hawley, N.L., Raynor, H.A., Jelalian, E., Greer, A.A., Carskadon, M.A., Owens, J.A., Wing, R.R., and **Hart, C.N.** (2017, November). *Associations between bedtime, sleep duration, and energy balance in school-aged children*. Poster presented at The Obesity Society Annual Meeting, Washington D.C.
58. Evans, E.W., Rancourt, D., Ranzenhofer, L., **Hart, C.**, Taylor-Post, N., Foster, G., & Jelalian, E. (2017, November). *Teen JOIN: A community-based behavioral weight control intervention for teens*. Poster presented at The Obesity Society Annual Meeting, Washington D.C.

Paper Presentations

1. **Nobile, C.**, Drotar, D., Comer, D., Childs, G., Scholle, S., & Kelleher, K. (2000, September). *Parent-provider communication and parent satisfaction with health care*. Paper presented at The Society for Developmental and Behavioral Pediatrics 18th Annual Meeting, Providence, RI.
2. **Nobile, C.**, Palermo, T., & Rosen, C. (2002, April). *Health-related quality of life among children presenting to a pediatric sleep disorders clinic*. Paper presented at the Great Lakes Regional Conference on Child Health Psychology, Milwaukee, WI.
3. Jelalian, E., **Hart, C.**, Lloyd-Richardson, E. (2005, August). *Multidisciplinary group based treatment for adolescent weight control*. Paper presented at the American Psychological Association's Annual Meeting, Washington, D.C.
4. **Hart, C.N.**, Jelalian, E., Kaplan, J., Flynn-O'Brien, K., Raynor, H., Mehlenbeck, R., Lloyd-Richardson, E. (2006, April). *Early patterns of food intake as predictors of BMI change in an adolescent weight loss trial*. Paper presented at the National Conference of Child Health Psychology, Gainesville, FL.
5. **Hart, C.N.**, Raynor, H.A., Jelalian, E., & Drotar, D. (2008, October). *Maternal factors associated with infant and toddler eating behaviors*. Paper presented at the Obesity Society's Annual Meeting, Phoenix, AZ.

6. Raynor, H.A., Van Walleghen, E., Goldfield, G., Osterholt, K.M., **Hart, C.**, Jelalian, E., & Wing, R.R. (2009, October). *The influence of child food liking, parent food liking, and parent dietary intake on overweight children's dietary intake*. Paper presented at the Obesity Society's Annual Meeting, Washington, D.C.

7. Jelalian, E., Sato, A. F., & **Hart, C.** (2010, November). *Impact of weight control intervention on adolescent social function*. Paper presented to the 44th Annual Convention of the Association for Behavioral and Cognitive Therapies, San Francisco, CA.

- *8. **Hart, C.N.**, Lawton, J., Fava, J., Carskadon, M., Owens, J., Raynor, H., Jelalian, E., & Wing, R. (2012, April). *Changes in children's eating behaviors following increases and decreases in their sleep duration*. Paper presented at the Society for Behavioral Medicine 2012 Meeting, New Orleans, LA.

9. Carskadon, M.A., Saletin, J.M., Van Reen, E., Bartz, A., **Hart, C.N.**, Raynor, H., & Herz, R.S. (2015, June). *Circadian influences on smell and taste detection thresholds: Preliminary results from adolescents*. Paper presented at the Associated Professional Sleep Societies 2015 Meeting, Seattle, WA.

- *10. **Hart, C.N.**, Raynor, H.A., Carskadon, M.A., Jelalian, E., Owens, J.A., Hawley, N., & Wing, R.R. (2015, November). *Effect of changes in time in bed on children's eating behaviors*. Paper presented at Obesity Week, The Obesity Society's Annual Meeting, Los Angeles, CA.

11. Carskadon, M.A., Barker, D., Raynor, H.A., **Hart, C.N.**, Gredvig-Ardito, C., & Bartz, A. (2016, June). *Timing of daily energy intake distribution differs with time awake in obese adolescents: Preliminary results from forced desynchrony*. Paper presented at the Associated Professional Sleep Societies Meeting, Denver, CO.

12. Demos, K.E., Williams, S.E., Sweet, L.H., **Hart, C.N.**, McCaffery, J.M., Mailloux, K.A., Trautvetter, J., Owens, M.M., & Wing, R.R. *Short sleep increases both reward and inhibitory control processing in response to food cues*. (2016, November). Paper presented at Obesity Week, The Obesity Society's Annual Meeting, New Orleans, LA.

13. Fisher, J.O., Serrano, E., Foster, G.D., **Hart, C.**, Bruton, Y., Whitaker, R.C., Davey, A., Lawman, H. & Ruth, K. (2017, June). *Building good parenting skills to reduce solid fat and added sugar intake among low-income preschoolers: The food, fun, and families (FFF) intervention*. Accepted for paper presentation at the International Society of Behavioral Nutrition and Physical Activity annual meeting, Victoria, Canada.

14. Phelan, S., Brannen, A., McHugh, A., Hagobian, T., Schaffner, A., Jelalian, E., **Hart, C.N.**, Abrams, B., Scholl, T.O., Munoz Christian, K., Yin, E., Phipps, M., & Wing, R. (2017, November). *Randomized trial of behavioral intervention with partial meal replacement To reduce excessive weight gain during pregnancy: The Healthy Beginnings/Comienzos Saludables Study*. Abstract submitted for presentation at The Obesity Society Annual

Meeting, Washington D.C.

Invited Presentations and Symposia

1. **Hart, C.N.** (2008, April). *Enhancing communication regarding eating, activity, and weight*. Presented at “Obesity: Strategies for Physicians & Health Care Providers”, a conference sponsored by The Warren Alpert Medical School of Brown University and The Rhode Island Department of Health, Warwick, RI.
2. **Hart, C.N.** (2009, March). *Promoting healthy eating & activity habits in children*. Presented at “Speaking of Kids”, a conference sponsored by Bradley Hospital and Tufts Health Plan, East Providence, RI.
3. **Hart, C.N.** (2009, March). *Behavioral keys for healthy eating and exercise for you and your family*. Presented as part of the Health and Wellness Series, Lifespan, Providence, RI.
4. **Hart, C.N.** (2010, March). *The role of sleep in shaping children’s eating, activity, and weight*. Presented at the Providence Sleep Research Group meeting, Providence, RI.
5. **Hart, C.N.** (2010, July). *Changes in sleep duration to prevent type 2 diabetes*. Presented at the Kickoff for the Walk to Fight Diabetes, Lincoln, RI.
6. **Hart, C.N.** (2011, September). *Experimental changes in children’s sleep: Effects on eating and activity habits*. Presented at the NIDDK Clinical Obesity Research Panel (CORP) Meeting and National Institutes of Health Obesity Research Task Force Seminar Series, Bethesda, MD.
7. **Hart, C.N.** (2012, December). *Experimental changes in sleep duration impact children’s eating, activity, and weight*. Presented at the Sleep Epidemiology and Outcomes Seminar, Division of Sleep Medicine, Harvard Medical School, Boston, MA.
8. **Hart, C.N.** (2013, April). *Impact of sleep duration on children's eating and activity behaviors and weight status*. Presented at the National Conference in Pediatric Psychology, New Orleans, LA.
9. **Hart, C.N.** (2013, May). *Sleep and weight status in children*. Presented at the Dement Fellows Lecture Series, E.P. Bradley Hospital, Providence, RI.
10. **Hart, C.N.** (2014, January). *Effect of enhancing children’s sleep on eating and activity behaviors and weight status*. Presented at the Children’s Hospital of Philadelphia’s Nutrition Center Seminar Series, Philadelphia, PA.
11. **Hart, C.N.** (2014, June). *Sleep and weight status in children*. Presented at the Dement Fellows Lecture Series, E.P. Bradley Hospital, Providence, RI.
12. **Hart, C.N.** (2014, October). *Effect of sleep duration on children’s obesity risk*. Presented at the Food & Nutrition Conference & Expo, Atlanta, GA.

13. **Hart, C.N.** (2015, January). *A novel approach to pediatric weight regulation: Enhancing sleep duration*. Presented at the Nutrition Obesity Research Center Seminar Series, University of Alabama at Birmingham (UAB), Birmingham, AL.
14. **Hart, C.N.** (2015, May). *Nocturnal sleep duration as a novel approach to pediatric weight regulation*. Presented at Nemours A.I. Dupont Hospital for Children, Wilmington, DE.
15. **Hart, C.N.** (2015, May). *Sleep length, food choices, and weight change in children*. Presented at the Dement Fellows Lecture Series, E.P. Bradley Hospital, Providence, RI.
16. **Hart, C.N.** (2016, June). *Sleep length, food choices, and weight change in children*. Presented at the Dement Fellows Lecture Series, E.P. Bradley Hospital, Providence, RI.
- †17. Greer, A., Peters, J. & **Hart, C.N.** (2017, March). *Risky health behaviors that affect student learning: A look at school health profiles versus national data*. Presented at the Philadelphia PFT, Philadelphia, PA.
18. **Hart, C.N.** (2017, June). *Sleep, eating and activity behaviors and weight regulation in school-aged children*. To be presented at the Dement Fellows Lecture Series, E.P. Bradley Hospital, Providence, RI.
19. Hart, C.N. (2017, October). *Enhancing Children's Sleep: Implications for Weight Regulation and Diabetes Risk*. Presented at the Children's Hospital of Philadelphia, Philadelphia, PA.
20. **Hart, C.N.** (2017, November). *The effects of enhancing sleep on school-age children's eating, activity and weight*. Presented in "Wake Up! The Importance of Sleep in the Pathogenesis and Treatment of Obesity" symposium at the Obesity Society's annual meeting, Washington, D.C.
21. **Hart, C.N.** (2017, November). *Enhancing children's sleep as a novel approach for weight regulation*. To be presented at the Center for Weight and Eating Disorders, University of Pennsylvania, Philadelphia, PA.

SERVICE AND SCHOLARLY ACTIVITIES

Service to the University

- | | |
|-----------|--|
| 2001 | Student Representative, Clinical Committee, Psychology Department, Case Western Reserve University |
| 2003-2004 | Intern Representative, Clinical Psychology Training Consortium Training Committee, Department of Psychiatry and Human Behavior, Brown Medical School |

- 2011-2013 Member, Division of Clinical Psychology/Women in Psychology Steering Committee, Department of Psychiatry and Human Behavior, Brown Medical School
- 2013, 2014 Member, Merit Committee, Department of Public Health, Temple University
- 2014 Representative, Department of Public Health, *Experience Temple Day*, March 23, 2014.
- 2014 Reviewer, Abstracts for Student Presentations at the College of Health Professions and Social Work Research Day, Spring 2014.
- 2014-2015 Member, Search Committee, Director of the Center for Obesity Research and Education (CORE), Temple University
- 2015-present Member, PhD Application Committee, Division of Social and Behavioral Sciences, Department of Public Health, Temple University
- 2015 Member, Search Committee, Founding Chair of Social and Behavioral Sciences (SBS) Department, College of Public Health, Temple University
- 2015-2016 Member, Steering Committee, TU Brain Preparedness Initiative, Temple University
- 2015-2017 Reviewer, Student Poster Presentations at CPH Research Day, College of Public Health, Temple University
- 2015-2016 Co-Chair, Colloquium Committee, Department of Social and Behavioral Sciences, College of Public Health, Temple University
- 2015-present Chair, Awards Committee, Department of Social and Behavioral Sciences, College of Public Health, Temple University
- 2016-present Member, Merit Committee, College of Public Health, Temple University
- 2017-present Member, Search Committee, Faculty Candidate search, Center for Obesity Research & Education, Temple University

Scholarly Activities and Service to the Field

NIH Workshop Participation

- 2015 Invited Participant, *Workshop on Implementation of Sleep and Circadian Science*, the National Institutes of Health and Sleep Research Society, Seattle, WA.
- 2017 Invited Discussant, *Developing Precision Medicine Approaches to the Treatment of Severe Obesity in Adolescents*, an NIH sponsored workshop by the National

Institute of Diabetes Digestive and Kidney Diseases (NIDDK), Rockville, MD.

NIH Study Section and Other Grant Reviews

- 2009 Stage 1 Reviewer, National Institutes of Health Challenge Grants, June 2009
- 2011 Reviewer, Health Research Board Interdisciplinary Capacity Enhancement (ICE) Awards, Ireland, July 2011
- 2012 Reviewer, Action Medical Research Project Grant Applications, United Kingdom, April 2012
- 2013 Reviewer, Rapid Response Pilot Studies, The Johns Hopkins Global Center for Childhood Obesity, September 2013
- 2015 Reviewer, Pilot and Feasibility Grant Program, NIDDK-sponsored Diabetes Research Center, the University of Alabama at Birmingham
- 2016 Ad Hoc Member, Psychosocial Risk and Disease Prevention (PRDP) study section, The National Institutes of Health, January 25-26, 2016
- 2016 Ad Hoc Member, Psychosocial Risk and Disease Prevention (PRDP) study section, The National Institutes of Health, June 13-14, 2016
- 2017 Ad Hoc Member, Psychosocial Risk and Disease Prevention (PRDP) study section, The National Institutes of Health, September 25-25, 2017

Editorial Board Membership

- 2008-2010 Member, Reviewer Panel, *The Journal of Pediatric Psychology*
- 2010-2016 Member, Editorial Board, *The Journal of Pediatric Psychology*
- 2013 Member, Editorial Board for special supplement on pediatric obesity *Journal of Developmental and Behavioral Pediatrics*
- 2015-present Member, Editorial Board, *International Journal of Behavioral Nutrition and Physical Activity*
- 2017-present Member, Editorial Board, *Eating Behaviors*

Ad Hoc Manuscript Review

American Journal of Clinical Nutrition; Annals of Behavioral Medicine; Behavioral Sleep Medicine; Children's Health Care; Health Psychology; International Journal for Quality in

Health Care; Journal of Behavioral Medicine; Journal of Pediatrics; Obesity; Patient Education and Counseling; Pediatrics; SLEEP; The International Journal of Pediatric Obesity/Pediatric Obesity; The Journal of Adolescent Health; The Journal of Developmental and Behavioral Pediatrics; The Journal of Family Psychology

National Committee Work

- 2001-2002 Campus Representative, Advocacy Coordinating Team (ACT), American Psychological Association of Graduate Students (APAGS), Case Western Reserve University
- 2010-2014 Member, Common Measures Committee, Obesity Related Behavioral Intervention Trials (ORBIT). *U01 collaborative grant funding 7 trials across the country all focused on developing novel treatment approaches for weight loss.* Funding Institutes: NHLBI, NCI, NIDDK, NICHD, OBSSR
- 2010-2012 Member, Nominations and Elections Committee, Society of Pediatric Psychology, Division 54, American Psychological Association
- 2012-present Member, Safety Committee, Lifestyle Interventions for Expectant Moms (LIFE-Moms), *U01 collaborative grant funding 7 trials across the country all determining the effectiveness of interventions promoting appropriate weight gain in pregnancy.* Funding Institutes: NHLBI, NIDDK, NICHD, NCCAM
- 2013-2014 Member, Awards Committee, Society of Pediatric Psychology, Division 54, American Psychological Association
- 2016 Member, Awards Committee, Society of Pediatric Psychology, Division 54, American Psychological Association

Other National Service

- 2013 Session Chair, *Behavioral Interventions for Obesity*, The Obesity Society Annual Meeting, Atlanta, GA
- 2014 Reviewer, Abstract Submissions, Society of Pediatric Psychology Annual Meeting, Philadelphia, PA, April, 2014.
- 2014 Symposium Chair, *Tackling Childhood Obesity on a Global Scale*, Presented at The Obesity Society Annual Meeting, Boston, MA; November 2014.
- 2015 Reviewer, Education and Travel Awards, Society of Pediatric Psychology, Division 54, American Psychological Association.
- 2015 Reviewer, Student Poster Awards, Society of Pediatric Psychology, Division 54, American Psychological Association.

Scholarly Work Presented in Other Media

2012 **Hart, C.N.** (2012). *Sleep Duration and Weight Status in Children*. Contracted as faculty to write the expert column on sleep and obesity in children as part of the Children's Health, Fitness, and Nutrition Initiative for Medscape LLC; <http://www.medscape.org/viewprogram/32536>.

2014-present Expert Panel Member, *Promoting Healthy Sleep Habits in Children*. Parent Tool Kit, www.parenttoolkit.com. Produced by NBC News; official launch: April 9, 2014.

Winner of 2014 Webby Award for Best Family/Parenting Website

Consulting Work

2016-2017 Consultant, Weight Watchers, *Topic Brief on Sleep and Weight Regulation*.

TEACHING

Hospital Teaching Roles

2000-2001 *Psychological Assessment and Screening Tools in Pediatric Practice*, Seminar presented to pediatric residents, Department of Pediatrics, MetroHealth Medical Center, Cleveland, OH
Advisor: Terry Stancin, Ph.D.

Courses

Spring 2002 *Poverty and Child Development* (PSCL 390), Department of Psychology, Case Western Reserve University, Cleveland, Ohio (5 undergraduate students)

Advisor: Eric Youngstrom, Ph.D.

Spring 2003 *Child Development* (PSCL 230), Department of Psychology, Case Western Reserve University, Cleveland, Ohio (35 undergraduate students)
Advisor: Sandra Russ, Ph.D.

Spring 2014 *Health Psychology*, Department of Public Health, Temple University, Philadelphia, PA (50 undergraduate students)

Spring 2015 *Health Psychology*, Department of Public Health, Temple University, Philadelphia, PA (11 graduate students)

Summer I 2015 *Readings and Conferences in Public Health*, Department of Public Health, Temple University, Philadelphia, PA (1 graduate student; independent study designed to develop qualitative skills to assist in treatment development)

Spring 2016 *Health Psychology*, Department of Social and Behavioral Sciences,

College of Public Health, Temple University, Philadelphia, PA
(53 undergraduate students)

Fall 2016 *Health Psychology*, Department of Social and Behavioral Sciences,
College of Public Health, Temple University, Philadelphia, PA
(50 undergraduate students)

Seminars

September 2005 *Postdoctoral Fellowships*, Clinical Psychology Training Consortium,
Psychology Intern Core Seminar, Brown Medical School, Providence, RI
Co-Presenter: Anthony Spirito, Ph.D.

September 2006-2013 *Preparing a CV for the Job Market*, Clinical Psychology Training
Consortium, Psychology Intern Core Seminar, Brown Medical School,
Providence, RI
Co-Presenter: Marina Tolou-Shams, Ph.D.

Invited Lectures

November 2006 *Pediatric Obesity*, Department of Psychology, Suffolk University

September 2011 *Pediatric Obesity: What Role Might Sleep Duration Play?* Clinical
Workshop, Department of Psychology, Clark University, Worcester, MA

Research Advising and Mentoring

Undergraduate and Graduate Interns

Spring 2014 Jacqueline Jefferson, Undergraduate Intern in Public Health,
Temple University

Spring/Sum 2014 Ashley Greer, Masters in Public Health Student, West Chester
University of Pennsylvania

Undergraduate Research Assistants

Fall 2015-Sum 2016 Julia Kundratic, Sociology major, College of Liberal Arts, Temple
University

Fall 2015-Sum 2016 Erin Gregory, Biology major, College of Science and Technology,
Temple University

Graduate Student Research Assistants

Fall 2014-Fall 2016 Andrew Pool, PhD candidate, Temple University

Fall 2014-Spring 2015 Courtney DeAngelis, PsyD candidate, LaSalle University

Sum 2015-Fall 2015 Heather Clifford, PsyD candidate, LaSalle University

Dissertation Committees

Chair

2015-2017 Andrew Pool, Social & Behavioral Sciences, Temple University

Committee Member

2015-2016	Amy Lavery, Social & Behavioral Sciences, Temple University
2015-2017	Brandon Becker, Social & Behavioral Sciences, Temple University
2015-present	Rachel Teneralli, Social & Behavioral Sciences, Temple University

Postdoctoral Fellows

1. Alyssa Cairns, Ph.D. (co-mentored)
Currently at Pulmonary Disease and Critical Care Associates
2. Elizabeth Towner (Kuhl), Ph.D. (co-mentored)
Presently Assistant Professor, Wayne State University
3. Nicola Hawley, Ph.D.
Presently Assistant Professor, Yale University
4. Andrea Spaeth, Ph.D. (current postdoctoral fellow)
Presently Assistant Professor, Rutgers University
5. Azeb Gebre, Ph.D. (current postdoctoral fellow)

Mentoring of Research Assistants, Interventionists and Project Directors

1. Brittany James, postbac Research Assistant
Received her PhD from Penn State University; currently employed at Panum Group
2. Jessica Lawton, postbac Research Assistant
Currently Physician Assistant student at Duke University
3. Kathrin Osterholt Fedosov, M.A., Project Director
Currently employed in the Department of Neurology, University Hospital Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen, Aachen, Germany
4. Amanda Samuels, postbac Research Assistant
Received her MS/MPH from Tufts University; currently employed at the NCCOR Coordinating Center, FHI 360
5. Victoria Mathieu, postbac Research Assistant
Currently Senior Sales Executive East Texas, Athena Health
6. Zeely Denmat, postbac Research Assistant
Currently employed at the Weight Control & Diabetes Research Center, Alpert Medical School of Brown University
7. Isabella Cassell, postbac Research Assistant
Currently Director of Food Initiatives, Social Enterprise Greenhouse

8. Risha Khetarpal, postbac Research Analyst/Project Director
Currently enrolled in Medical School at Temple University
9. Courtney DeAngelis, postbac Interventionist
PsyD candidate at LaSalle University
10. Heather Polonksy, postbac Interventionist
Received her MPH from Temple University; Currently employed as Research Associate at Providence Health & Services
11. Heather Clifford, postbac Interventionist
PsyD candidate at LaSalle University
12. Ashley Greer, Research Assistant and Interventionist
Received her MPH from West Chester University; Currently employed as my Project Director