CURRICULUM VITAE Dale S. Bond, Ph.D.

Brown Alpert Medical School
Weight Control and Diabetes Research Center
196 Richmond Street
Providence, RI 02903
401.793.8970 (phone)
401.793.8944 (fax)
Dale Bond@brown.edu
dbond@lifespan.org

EDUCATION

PhD, Doctor of Philosophy

Field of study: Health promotion and education Institution: University of Utah, Salt Lake City, UT

Date awarded: 2002

MS, Master of Science

Field of study: Health promotion

Institution: Purdue University, West Lafayette, IN

Date awarded: 1998

BA, Bachelor of Arts

Field of study: Psychology (major)/Health education (minor) Institution: Western Oregon University, Monmouth, OR

Date awarded: 1996

POSTGRADUATE TRAINING

American Diabetes Association (ADA) Research Fellow

Location: Brown Alpert Medical School/The Miriam Hospital, Weight Control & Diabetes

Research Center, Providence, RI

Dates: 2007-2009

HONORS/AWARDS

Integrated Health Scholarship (to recognize strong interests, accomplishments and career development in bariatric surgery and/or other obesity related specialties)

Awarding body: International Federation for the Surgery of Obesity and Metabolic Disorders

Date received: 2019

Integrated Health Circle of Excellence Award (to recognize a health care provider specialized in the field of metabolic and bariatric surgery who has made an extraordinary effort to promote and advance the integrated health science section)

Awarding body: American Society of Metabolic and Bariatric Surgery

Date received: 2017

Innovation Award (for contributions to improving understanding, diagnosis or treatment of migraine disorders)

Awarding body: Association of Migraine Disorders

Date received: 2017

Top Member of Integrated Health (for prolific and pioneer researcher and author in area of physical activity and bariatric surgery)

Awarding body: American Society of Metabolic and Bariatric Surgery Integrated Health

Date received: 2014

First Place, Integrated Health Research Award (for Bari-Active: A randomized controlled trial of a preoperative behavioral intervention to increase physical activity in bariatric surgery patients)

Awarding body: American Society of Metabolic and Bariatric Surgery

Date received: 2013

"In Focus" Spotlight and Podcast (for Improvement of migraine headaches in severely obese patients following bariatric surgery)

Awarding body: American Academy of Neurology

Date received: 2011

Top 10 Paper (for Significant resolution of female sexual dysfunction following bariatric surgery)

Awarding body: American Society of Metabolic and Bariatric Surgery

Date received: 2010

First Place, Integrated Health Research Award (for Objective quantification of physical activity in bariatric surgery candidates and normal-weight controls)

Awarding body: American Society of Metabolic and Bariatric Surgery

Date received: 2009

Newsworthy Abstract (for Weight loss maintenance in successful weight losers: surgical

versus non-surgical methods)

Awarding body: Society of Behavioral Medicine

Date received: 2008

Graduate Student of the Year

Awarding body: University of Utah Department of Health Promotion and Education

Date received: 2002

Psi Chi Member

Awarding body: Psychological National Honorary Society

Date received: 1995

ACADEMIC APPOINTMENTS

Associate Director of Bariatric Surgery Research

Department/institution: Brown Alpert Medical School Department of Surgery and The Miriam

Hospital Bariatric Surgery Program

Providence, RI,

Dates held: 2020-present

Professor (Research)

Department/institution: Psychiatry and Human Behavior/Brown Alpert Medical School,

Providence, RI

Dates held: 2019-present

Affiliated Faculty

Brown University Robert J. & Nancy D. Carney Institute for Brain Science

Providence, RI

Dates held: 2018-present

Associate Professor (Research)

Department/institution: Psychiatry and Human Behavior/Brown Alpert Medical School,

Providence, RI

Dates held: 2013-2019

Assistant Professor (Research)

Department/Institution: Psychiatry and Human Behavior/Brown Alpert Medical School,

Providence, RI

Dates held: 2009-2013

Assistant Professor

Department/Institution: Health & Human Performance/Virginia Commonwealth University,

Richmond VA

Dates held: 2002-2007

Graduate Teaching Assistant

Department/Institution: Health Promotion & Education/University of Utah, Salt Lake City, UT

Dates held: 1998-2002

Graduate Teaching Assistant

Department/Institution: Health Promotion, Kinesiology & Leisure Studies, Purdue University,

West Lafayette, IN Dates held: 1996-1998

HOSPITAL APPOINTMENTS

Staff Psychologist

Department/Institution: Centers for Behavioral and Preventive Medicine, The Miriam Hospital,

Providence, RI

Dates held: 2009-present

OTHER APPOINTMENTS

Associate Editor (Integrated Health)

Surgery for Obesity and Related Diseases

Dates held: 2015-present

Editorial Boards

Obesity Surgery (2014-present)

Obesity Science and Practice (2014-present)

Surgery for Obesity and Related Diseases (2010-2015)

American Journal of Health Behavior (2010-2016)

NIH Study Section Membership

Title: Invited mail reviewer

Study Section/Panel: Early Independence Award

CSR Scientific Review Officer: Lee Mann

Dates held: December 2019

Title: Standing Member

Study Section/Panel: Risk, Prevention, and Health Behavior Integrated Review Group

CSR Scientific Review Officer: Lee Mann

Dates held: 2018-2019

Title: Standing Member

Study Section/Panel: Behavioral Medicine: Interventions and Outcomes (BMIO), R01, R03,

and R21 mechanisms:

CSR Scientific Review Officer: Lee Mann

Dates held: July 2015-July 2019

Title: Ad hoc member

Study Section/Panel: Special Emphasis Panel (NIA): Sedentary behavior and aging. ZAG1

ZIJ-3 (J1), P01.

CSR Scientific Review Officer: Isis Mikhail

Dates held: September 2015-2016

Title: Ad hoc member

Study Section/Panel: Special Emphasis Panel (NIDDK): Ancillary studies on CKD and

diabetic nephropathy. ZDK1 GRB-S (J4), R01. CSR Scientific Review Officer: Najma Begum

Dates held: October 2015

Title: Ad hoc member

Study Section/Panel: Behavioral Medicine: Interventions and Outcomes (BMIO), R01, R03,

and R21 mechanisms

CSR Scientific Review Officer: Lee Mann

Dates held: 2014

International Grant Reviewer Assignments

Ireland National Research Board (2012)

Vidi Programme, Netherlands Organization for Scientific Research (2013)

Sao Paulo Science Foundation (FAPESP Brazil) Collaborative projects with FAPESP Brazil (2019)

Ad-Hoc Reviewer Assignments

American Journal of Public Health

Appetite

BMC Medicine

Bulletin of the World Health Organization Clinical Neurology and Neurosurgery

Diabetes

Eating Behaviors Endocrine Research

Expert Review of Neurotherapeutics Health and Quality of Life Outcomes

Headache

International Journal of Impotence Research Journal of Academy of Nutrition and Dietetics Journal of Diabetes Science and Technology

Journal of Physical Activity and Health

Neurology

Obesity Research and Clinical Practice

Physiology and Behavior

PLoS One

Preventive Medicine Sexual Medicine

The Journal of Headache and Pain

American Journal of Preventive Medicine

Behavioral Medicine BMC Public Health

Cephalalgia

Contemporary Clinical Trials

Diabetes Research and Clinical Practice

Eating and Weight Disorders

Exercise and Sport Sciences Reviews

European Journal of Neurology

Health Psychology

International Journal of Behavioral Medicine

International Journal of Obesity

Journal of Contextual Behavioral Science

JMIR mHealth and uHealth

Journal of the American Medical Association

Obesity

Obesity Surgery

Physiotherapy Theory and Practice

Quality of Life Research

Scandinavian Journal for Med & Sci Sports The Journal of American College Health

Corporate Consultant Roles

Company: Covidien/Medtronic

Role: Content expert on behavioral aspects of bariatric surgery

Dates: 2015

Company: Slimming World UK

Role: Member of Special U.S. Advisor Group

Dates: 2017-present

Company: Johnson & Johnson Medical Devices Role: Education Related – Speaker Program

Dates: 2019-present

Company: Allergan

Role: Member of 2020 Ubrogepant Speaker Program Bureau

Dates: 2019-present

MEMBERSHIP IN SCIENTIFIC SOCIETIES

American Headache Society, 2015-present

International Federation for the Surgery of Obesity and Metabolic Disorders (2015-present)

Society of Behavioral Medicine, 2015-present

The Obesity Society, 2007-present

American Society for Metabolic and Bariatric Surgery, 2005-present

American Academy of Health Behavior, 2002-2016

Scientific Society Conference Activities

Abstract reviewer

International Federation for the Surgery of Obesity & Metabolic Disorders (2017-present) Society of Behavioral Medicine (2016-present)

The Obesity Society (2011-present)

American Academy of Health Behavior (2006-2011)

American Public Health Association (2006-2007)

Scientific session chair/moderator/discussant

Society of Behavioral Medicine (2018)

The Obesity Society/American Society of Metabolic and Bariatric Surgery (2013-present) International Federation for the Surgery of Obesity & Metabolic Disorders (2011, 2013, 2015, 2019)

Pre-conference course co-creator/leader

Development of Optimal Approaches to Studying and Understanding Mechanisms of Bariatric Surgery, Obesity Week/American Society of Metabolic and Bariatric Surgery (2016-present)

International/National Committee Membership

Organization: International Federation for the Surgery of Obesity and Metabolic Disorders

Committee: Integrated Health

Membership status/dates: Active/2019-

Organization: Academy of Nutrition and Dietetics

Committee: Expert Task Force, pre-course development of the Certified Specialist in Obesity

and Weight Management exam:

Membership status/dates: Active/2017-present

Organization: American Society for Metabolic and Bariatric Surgery

Committee: Behavioral Health

Membership status/dates: Active/2015-present

Organization: American Society for Metabolic and Bariatric Surgery

Committee: Integrated Health Professional Education

Membership status/dates: Active/2012-2018

Organization: American Society for Metabolic and Bariatric Surgery

Committee: Multidisciplinary Care

Membership status/dates: Active/2011-2018

Organization: American Society for Metabolic and Bariatric Surgery

Committee: Integrated Health Issues and Clinical Guidelines

Membership status/dates: Active/2010-2015

Organization: International Federation for the Surgery of Obesity and Metabolic Disorders

Committee: Integrated Health Conference Planning

Membership status/dates: 2015

Organization: The Obesity Society Committee: eHealth/mHealth

Membership status/dates: Inactive/2014-2016

Organization: American Academy of Health Behavior

Committee: Professional Mentoring

Membership status/dates: Inactive/2006-2010

Local/Regional Committee Membership

Organization: Lifespan/Rhode Island Hospital

Committee: Obesity Symposium

Membership status/dates: Active (2011-2012)

PUBLICATIONS

Original Peer-Reviewed Publications (** = senior author/mentor)

1) Smith KE, Haedt-Matt A, Mason TB, Wang S, Yang CH, Unick JL, **Bond DS**, Goldschmidt AB. Associations between naturalistically-assessed physical activity patterns, affect, and eating in youth with overweight and obesity. *Journal of Behavioral Medicine* (in press).

- 2) Unick JL, Pellegrini CA, Dunsiger SI, Demos KE, Thomas JG, **Bond DS**, Webster J, Wing RR. DIAL Now Trial Protocol: A randomized trial examining the provision of phone coaching to those with sub-optimal early weight loss during an Internet weight management program. *Contemporary Clinical Trials* 2020 [Online ahead of print]. PMID: 32017994.
- 3) Di Vincenzo A, Beghetto M, Vettor R, Tana C, Rossato M, **Bond DS**, Pagano C. Effects of surgical and non-surgical weight loss on migraine headache: a systematic review and meta-analysis. *Obesity Surgery* 2020 [Online ahead of print]. PMID: 32008255.
- 4) Schumacher LM, Thomas JG, Vithiananthan S, Webster J, Jones DB, **Bond DS**. Prolonged sedentary time adversely relates to physical activity and obesity among preoperative bariatric surgery patients. *Surgery for Obesity and Related Diseases* 2020;16:562-567. PMID: 32005613**
- Gold J, Carr LJ, Thomas JG, Burrus J, O'Leary KC, Wing RR, Bond DS. Conscientiousness and the challenge of weight loss maintenance: A comparison of successful and unsuccessful weight loss maintainers. *Health Psychology* 2020;39:421-429. PMID: 31999176.
- 6) Evans EW, Thomas JG, Lipton RB, Pavlovic J, Roth J, Raynor HA, Rathier L, O'Leary KC, Wing RR, Bond DS. Associations between lifestyle intervention-related changes in dietary targets and migraine headaches among women in the Women's Health and Migraine (WHAM) randomized controlled trial. Obesity Science and Practice 2019 (in press).**

7) Goldstein SP, Goldstein CM, **Bond DS**, Raynor HA, Wing RR, Thomas JG. Exploring reciprocal prospective associations between self-monitoring and weight change across smartphone-based and in-person behavioral weight loss interventions. *Health Psychology* 2019;38:1128-1136. PMID: 31556659.

- 8) Farris SG, Thomas JG, Abrantes AM, Lipton RB, Burr EK, Godley FA, Roth J, Pavlovic JM, **Bond DS**. Anxiety sensitivity and intentional avoidance of physical activity in women with migraine. *Cephalalgia* 2019;39:1465-1469. PMID: 31260336.**
- Schumacher LM, Thomas JG, Raynor HA, Rhodes RE, O'Leary KC, Wing RR, Bond DS.** Relationship of consistency in timing of exercise performance and exercise levels among successful weight loss maintainers. *Obesity (Silver Spring)* 2019;27:1285-1291. PMID: 31267674.
- 10) Farris SG, Burr EK, Abrantes AM, Thomas JG, Godley F, Roth JL, Lipton RB, Pavlovic J, **Bond DS**. Anxiety sensitivity as a risk indicator for anxiety, depression, and headache severity in women with migraine. *Headache* 2019;59:1212-1220. PMID: 31166015.**
- 11) Thomas JG, **Bond DS**, Raynor HA, Papandonatos GD, Wing RR. Comparison of primarily smartphone-based behavioral obesity treatment to gold standard group treatment and control: a randomized clinical trial. *Obesity (Silver Spring)* 2019;27:572-580. PMID: 30779333.
- 12)Lillis J, **Bond DS**. Values-based and acceptance-based intervention to promotion adoption and maintenance of habitual physical activity among inactive adults with overweight/obesity: a study protocol for an open trial. *BMJ Open* 2019;9:9:e025115. PMCID: PMC6340065.
- 13) Farris SG, Abrantes AM, **Bond DS**, Stabile LM, Wu WC. Anxiety and fear of exercise in cardiopulmonary rehabilitation: patient and provider perspectives. *Journal of Cardiopulmonary Rehabilitation and Prevention* 2019;39:E9-E13. PMID: 30801438.
- 14) Goldschmidt AB, Mackey S, Laurent J, Bryson WC, Cotton BP, **Bond DS**. Prevalence and correlates of loss of control eating among adults undergoing methadone maintenance treatment. *International Journal of Behavioral Medicine* 2018;25:693-697. PMID: 30259293.
- 15)Lillis J, Thomas JG, Lipton RB, Pavlovic J, Rathier L, Roth J, O'Leary KC, **Bond DS**. The association of changes in pain acceptance and headache-related disability. *Annals of Behavioral Medicine* 2019;53:686-690. PMCID: PMC65446934.

16)Goldstein SG, Thomas JG, Vithiananthan S, Blackburn GA, Jones DB, Webster J, Jones R, Evans EW, Dushay J, Moon J, **Bond DS**. Study protocol of multi-sensor ecological momentary assessment of behavioral and psychosocial predictors of weight loss following bariatric surgery: a multicenter prospective longitudinal evaluation. *BMC Obesity* 2018;5:27. PMCID: PMC6217766**

- 17) Panagioutou OA, Markozannes G, Adam GP, Kowalski R, Gazula A, **Bond DS**, Ryder BA, Trikalinos TA. Comparative effectiveness and safety of bariatric procedures in the medicare-eligible population: a systematic review. *JAMA Surgery* 2018;153:e183326. PMID: 30193303.
- 18) Farris SG, Thomas JG, Abrantes AM, Godley FA, Roth J, Lipton RB, Pavlovic J, **Bond DS**.** Intentional avoidance of physical activity in women with migraine. *Cephalalgia Reports* 2018;1:1-8. https://doi.org/10.1177/2515816318788284.
- 19) Farris SG, **Bond DS**, Wu WC, Stabile LM, Abrantes AM. Anxiety sensitivity and fear of exercise in patients attending cardiac rehabilitation. *Mental Health and Physical Activity* 2018;15:22-26.
- 20)**Bond DS**, Thomas JG, Lipton RB, Roth J, Pavlovic JM, Rathier L, O'Leary KC, Evans EW, Wing RR. Behavioral weight loss intervention for migraine: a randomized controlled trial. *Obesity (Silver Spring)* 2018;26:81-87. PMCID: 5739951.
- 21) Evans EW, Jelalian E, **Bond DS**, Wing RR. Promoting health and activity in the summer trial: Implementation and outcomes of a pilot study. *Preventive Medicine Reports* 2018;10:87-92. PMCID: PMC5984214.
- 22) Galioto R, Britton K, **Bond DS**, Gunstad J, Pera V, Rathier L, Tremont G. Executive functions are associated with weight loss during participation in a medically supervised weight loss program. *Obesity Medicine* 2018;9:18-20. PMID not yet available.
- 23) Goldschmidt AB, Khoury J, Jenkins TM, **Bond DS**, Thomas JG, Utzinger LM, Zeller MH, Inge TH, Mitchell JE. Adolescent loss-of-control eating and weight loss maintenance after bariatric surgery. *Pediatrics* 2018;141:e20171659. PMID: 29259764.
- 24) Galioto R, O'Leary KC, Gunstad J, Thomas JG, Lipton RB, Pavlovic J, Roth J, Rathier L, **Bond DS**. The role of migraine headache severity, associated features, and interactions with overweight/obesity in inhibitory control. *International Journal of Neuroscience* 2018;128:63-70. PMID: 28796589.**

25) Farris SG, Thomas JG, Abrantes AM, Lipton RB, Pavlovic J, Smitherman TA, Irby MA, Penzien DB, Roth J, O'Leary KC, **Bond DS**. Pain worsening with physical activity during migraine attacks in women with overweight/obesity: A prospective evaluation of frequency, consistency, and correlates. *Cephalalgia* 2018;38:1701-1715. PMCID: PMC63773762.**

- 26) Thomas JG, Raynor HA, **Bond DS**, Luke AK, Cardoso CC, Wojtanowski AC, Vander Veur S, Tate D, Wing RR, Foster GD. Weight loss and frequency of body-weight self-monitoring in an online commercial weight management program with and without a cellular-connected 'smart' scale: a randomized pilot study. *Obesity Science and Practice* 2017;13:365-372. PMCID: PMC5729493.
- 27) Unick JL, Lang W, Williams SE, **Bond DS**, Egan CM, Espeland MA, Wing RR, Tate DF; SNAP Research Group. Objectively-assessed physical activity and weight change in young adults: a randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity* 2017;4:165. PMCID: PMC5715643.
- 28) Unick JL, Gaussoin SA, Hill JO, Jakicic JM, **Bond DS**, Hellgren M, Johnson KC, Peters AL, Coday M, Kitzman DW, Bossart S, Wing RR; Look AHEAD Research Group. Objectively assessed physical activity and weight loss maintenance among individuals enrolled in a lifestyle intervention. *Obesity (Silver Spring)* 2017;25:1903-1909. PMCID: PMC5695666.
- 29) Goldstein CM, Thomas JG, Wing RR, **Bond DS**. Successful weight loss maintainers use health-tracking smartphone applications more than a nationally representative sample: comparison of the National Weight Control Registry to Pew Tracking for Health. *Obesity Science and Practice* 2017;26:117-126. PMCID: PMC5478812.
- 30)Thomas JG, Raynor HA, **Bond DS**, Luke AK, Cardoso CC, Foster GD, Wing RR. Weight loss in Weight Watchers Online with and without an activity tracking device compared to control: A randomized trial. *Obesity (Silver Spring)* 2017;25:1014-1021. PMID: 28437597.
- 31)Galioto R, O'Leary KC, Thomas JG, Demos K, Lipton RB, Gunstad J, Pavlovic JM, Roth J, Rathier L, **Bond DS**. Lower inhibitory control interacts with greater pain catastrophizing to predict greater pain intensity in women with migraine and overweight/obesity. *The Journal of Headache and Pain* 2017;18:41. PMCID: PMC5371536.**
- 32)Lillis J, Thomas JG, Seng EK, Lipton RB, Pavlovic J, Rathier L, Roth J, O'Leary KC, **Bond DS**. Importance of pain acceptance in relation to headache disability and pain interference in women with migraine and obesity. *Headache* 2017;57:709-718. PMCID: PMC5774226.**

33)**Bond DS**, Raynor HA, Thomas JG, Unick JL, Webster J, Vithiananthan S. Greater adherence to recommended physical activity during morning hours is associated with greater intervention-related physical activity changes overall in bariatric surgery candidates. *Journal of Physical Activity and Health* 2017;14:492-498. PMCID: PMC5786375.

- 34)Unick JL, Lang W, Tate DF, **Bond DS**, Espeland MA, Wing RR. Objective estimates of physical activity and sedentary time among young adults. *Journal of Obesity* 2017;9257564. PMCID: PMC5237733.
- 35)**Bond DS**, Pavlovic J, Lipton RB, Thomas JG, Digre KB, Roth J, Rathier L, O'Leary KC, Evans EW, Wing RR. Sexual dysfunction in women with migraine and overweight/obesity: relative frequency and association with migraine severity. *Headache* 2017;57:417-427. PMCID: PMC5321868.
- 36)**Bond DS**, Thomas JG, Vithiananthan S, Unick JL, Webster J, Roye D, Ryder BA, Pohl D, Sax HC. Intervention-related increases in preoperative physical activity are maintained 6-months after bariatric surgery: results from the Bari-Active trial. *International Journal of Obesity* 2017;41:467-470. PMCID: PMC5340609.
- 37) Galioto R, **Bond DS**, Gunstad J, Pera V, Rathier L, Tremont G. Executive functions predict weight loss in a medically supervised weight loss program. *Obesity Science and Practice* 2016;2:334-340. PMCID: PMC5192537.
- 38) Luke AK, Evans EW, **Bond DS**, Thomas JG. Relation between omega fatty acid consumption and mood among individuals seeking behavioral weight loss treatment. *Obesity Science & Practice* 2016;2:75-82. PMCID: PMC5066746.
- 39) Unick JL, Gaussoin, SA, Hill JO, Jakicic JM, **Bond DS**, Hellgren M, Johnson KC, Peters AL, Coday M, Kitzman DW, Bossart S, Wing RR. Four-year physical activity levels among intervention participants with type 2 diabetes. *Medicine and Science in Sports and Exercise* 2016;48:2437-2445. PMCID: PMC5110392.
- 40)**Bond DS**, Thomas JG, Vithiananthan S, Webster J, Unick JL, Ryder BA, Pohl D. Changes in enjoyment, self-efficacy and motivation during a randomized trial to promote habitual physical activity adoption in bariatric surgery candidates. *Surgery for Obesity and Related Diseases* 2016;12:1072-1079. PMCID: PMC4987239.
- 41)Raynor HA, Cardoso C, **Bond DS**. Effect of exposure to greater active videogame variety on time spent in moderate-to-vigorous intensity physical activity. *Physiology and Behavior* 2016;161:99-103. PMID: 27090231.

42) Thomas JG, Pavlovic J, Lipton RB, O'Leary KC, Buse DC, Rathier L, Roth J, Evans EW, **Bond DS**. Ecological momentary assessment of the association between headache pain intensity and pain interference in women with migraine and obesity. *Cephalalgia* 2016;36:1228-1237. PMID: 26742779.

- 43) Thomas JG, **Bond DS**. Behavioral response in a just-in-time adaptive intervention to reduce sedentary behavior in overweight/obese adults. *Health Psychology* 2015;34 (Suppl):1261-1267. PMID: 26651467.
- 44)**Bond DS**, Buse DC, Lipton RB, Thomas JG, Rathier L, Roth J, Pavlovic JM, Evans EW, Wing RR. Clinical pain catastrophizing in women with obesity and migraine. *Headache* 2015;15:923-933. PMCID: PMC4514534.
- 45)King WC, Chen J, **Bond DS**, Chapman W, Cook B, Courcoulas A, Dakin G, Eid G, Flum D, Inabnet W, Mitchell J, Oeschlager B, Patterson E, Wolfe B. Objective assessment of physical activity and sedentary behavior changes in bariatric surgery patients: Prethrough 3-years post-surgery. *Obesity (Silver Spring)* 2015;23:1143-1150. PMCID: PMC4445467.
- 46) Evans EW, Lipton RB, Peterlin BL, Raynor HA, Thomas JG, O'Leary KC, Pavlovic J, **Bond DS**. Dietary intake patterns in a nationally representative sample of women with and without migraine. *Headache* 2015;55:550-561. PMCID: PMC4443434.**
- 47) **Bond DS**, Thomas JG, King WC, Vithiananthan S, Trautvetter J, Unick JL, Ryder BA, Pohl D, Roye GD, Sax HC, Wing RR. Exercise improves health-related quality of life in bariatric surgery candidates: Results from the Bari-Active randomized controlled trial. *Obesity (Silver Spring)* 2015;23:536-542. PMCID: PMC4339393.
- 48)**Bond DS**, Thomas JG, O'Leary KC, Lipton RB, Peterlin BL, Roth J, Rathier L, Wing RR. Objectively-measured physical activity in obese women with and without migraine. *Cephalalgia* 2015;35:886-893. PMCID: PMC4821591.
- 49) Thomas JG, Spitalnick JS, Hadley W, **Bond DS**, Wing RR. Development and preliminary test user feedback on a virtual reality system for online training in weight management skills. *Journal of Diabetes Science and Technology* 2015;9145-9148. PMCID: PMC4495525.
- 50)**Bond DS**, Vithiananthan S, Thomas JG, Trautvetter J, Unick JL, Jakicic JM, Pohl D, Ryder BA, Roye GD, Sax HC, Wing RR. Bari-Active: A randomized controlled trial of a preoperative intervention to increase physical activity in bariatric surgery patients. *Surgery for Obesity and Related Diseases* 2015;11:169-177. PMCID: PMC4312263.

51)**Bond DS**, Thomas JG, Raynor HA, Moon J, Sieling J, Trautvetter J, Leblond T, Wing RR. *B-MOBILE:* A smartphone-based intervention to reduce sedentary time in overweight/obese individuals: a within-subjects experimental trial. *PLoS One* 2014 Jun 25;9:e.100821. PMCID: PMC4071034.

- 52) Raynor, HA, **Bond DS**, Steeves J, Thompson D. Physical activity variety, energy expenditure, and body mass index. *American Journal of Health Behavior* 2014;38:624-630. PMCID: PMC4828137.
- 53)Galioto R, King WC, **Bond DS**, Spitznagel MB, Strain G, Devlin M, Cohen R, Crosby RD, Mitchell JE, Gunstad J. Physical activity and cognitive function in bariatric surgery candidates. *The International Journal of Neuroscience* 2014;124:912-918. PMID: 24547736.
- 54) Thomas JG, **Bond DS**, Phelan S, Hill JO, Wing RR. Long-term weight change in the National Weight Control Registry. *American Journal of Preventive Medicine* 2014;46: 17-23. PMID: 24355667.
- 55)Raynor HA, Steeves EA, Basset Jr. DR, Thompson DL, Gorin AA, **Bond DS**. Reducing TV watching during adult obesity treatment: two pilot randomized controlled trials. *Behavior Therapy* 2013;44:674-685. PMID: 24094792.
- 56)Peterlin BL, Rosso AL, Williams MA, Rosenberg JR, Haythornthwaite JA, Merikangas KR, Gottesmann RF, **Bond DS**, He JP, Zonderman AB. Episodic migraine and obesity: the influence of age, sex, and race. *Neurology* 2013;81:1314-1321. PMCID: PMC3806922.
- 57) Wing RR, **Bond DS**, Gendrano IN, Wadden T, Bahnson J, Lewis CE, Brancati F, Schneider S, Kitabchi A, Van Dorsten B, Rosen R; Sexual Dysfunction Subgroup of the Look AHEAD Research Group. Effect of intensive lifestyle intervention on sexual dysfunction in women with type 2 diabetes: results from an ancillary Look AHEAD study. *Diabetes Care* 2013;36:2937-2944. PMCID: PMC3781524.
- 58)**Bond DS**, O'Leary KC, Thomas JG, Lipton RB, Papandonatos GD, Roth J, Rathier L, Daniello R, Wing RR. Can weight loss improve migraine headaches in obese women? Rationale and design of the WHAM randomized controlled trial. *Contemporary Clinical Trials* 2013;35:133-144. PMCID: PMC3640582.
- 59) Unick JL, Beavers D, **Bond DS**, Clark JM, Jakicic JM, Kitabchi AE, Knowler WC, Wadden TA, Wagenknecht LE, Wing RR; Look AHEAD Research Group. Long-term effects of a lifestyle intervention in severely obese individuals. *American Journal of Medicine* 2013;126:236-242.e2. PMCID: PMC3574274.

60)**Bond DS**, Thomas JG, Unick JL, Raynor HA, Vithiananthan S, Wing RR. Self-reported and objectively-measured sedentary behaviors in bariatric surgery candidates. *Surgery for Obesity and Related Diseases* 2013;9:123-128. PMCID: PMC3558551.

- 61)Unick JL, O'Leary KC, **Bond DS**, Wing RR. Physical activity enhancement to a behavioral weight loss program for severely obese individuals: a pilot study. *ISRN Obesity* 2012. Sep 5; 2012. PMCID: PMC3874272.
- 62)**Bond DS**, Unick JL, Jakicic JM, Vithiananthan S, Trautvetter J, O'Leary K, Wing RR. Physical activity and quality of life in severely obese adults seeking bariatric surgery or lifestyle intervention. *Health and Quality of Life Outcomes* 2012;July 28;10:86. PMCID: PMC3463462.
- 63)**Bond DS**, Thomas JG, Ryder BA, Vithiananthan S, Pohl D, Wing RR. Ecological momentary assessment of the relationship between intention and physical activity behavior in bariatric surgery patients. *International Journal of Behavioral Medicine* 2013; 20:82-87. PMCID: PMC3909966.
- 64) Sweet LH, Hassenstab JJ, McCaffery JM, Raynor HA, **Bond DS**, Demos KE, Cohen RA, Del Parigi A, Wing RR. Brain response to food stimulation in obese, normal weight and successful weight loss maintainers. *Obesity (Silver Spring)* 2012;20:2220-2225. PMCID: PMC3483466.
- 65)**Bond DS**, Raynor HA, Phelan S, Steeves J, Daniello R, Wing RR. The relationship between physical activity variety and objectively-measured moderate-to-vigorous physical activity levels in weight loss maintainers and normal-weight individuals. *Journal of Obesity* 2012;812414. PMCID: PMC3306916.
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Other Peer-Reviewed Publications (** = mentor/senior author)

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Non-Peer-Reviewed Publications

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Book Chapters

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Publications Submitted or in Preparation (** = mentor/senior author)

- 1) Farris SG, Kibbey MM, Stabile LM, **Bond DS**, Abrantes AM, Wu WC. *Anxiety sensitivity in patients attending pulmonary rehabilitation* (Revised and resubmitted, 2019).
- 2) Schumacher LM, Wing RR, Thomas JG, Farris S, Digre KB, Pavlovic J, Steffen K, Roth J, Sarwer DB, **Bond DS**. Does sexual functioning improve with migraine improvements and/or weight loss?—A post-hoc analysis in the Women's Health and Migraine (WHAM) Trial (Submitted 2019).**
- 3) Farris SG, Thomas JG, Lipton RB, Pavlovic JM, Roth JL, **Bond DS**. *Treatment effects on pain catastrophizing and cutaneous allodynia symptoms in women with migraine and overweight/obesity: A post-hoc secondary analysis* (Revised and resubmitted, 2020).
- 4) Heinberg LJ, Crosby RD, Mitchell JE, **Bond DS**, Gunstad J, Peat CM, Carroll I, Fodor A., Steffen K. *Identifying mechanisms that predict weight trajectory after bariatric surgery: rationale and design of the biobehavioral trial* (Submitted 2020).

5) Schumacher LM, Thomas JG, Rhodes RE, Raynor HA, **Bond DS**. Consistent morning exercise is beneficial for individuals with overweight or obesity (Revised and resubmitted 2020).

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- 7) Thomas JG, Goldstein CM, **Bond DS**, Hadley W, Tuerk P. Web-based virtual reality to enhance behavioral skills training and weight loss in a commercial online weight management program: The Experience Success randomized trial (in preparation).
- 8) **Bond DS**, Thomas JG, Schumacher LM, Webster J, Jones DB, Raynor HA, Goldschmidt AB, Vithiananthan S. *Ecological momentary assessment of gastrointestinal symptoms and risky eating behaviors before and after Roux-en-Y gastric bypass and vertical sleeve gastrectomy.* (In preparation).
- 9) Goldschmidt AB, Smith KE, **Bond DS**, Hipwell AE, Stepp SD, Keenan K. *Pain, eating behavior, and weight trajectories in preadolescent girls* (in preparation).

ABSTRACTS (** = mentor/senior author)

- 1) Qian J, Walkup MP, Chen SH, Brubaker PH, **Bond DS**, Richey PA, Jakicic JM, Hu K, Scheer F, Middelbeek R (2020). *Timing of physical activity bouts and cardiorespiratory fitness in adults with type 2 diabetes: The Look AHEAD study*. Submitted to SLEEP annual meeting. Philadelphia, PA.
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- 3) Thomas JG, Goldstein C, Bond DS, Tuerk P (2019). Primary outcomes of the experience success trial: virtual reality skills training to enhance an online weight loss program. Oral presentation at Society of Behavioral Medicine (SBM) annual meeting. San Francisco, CA.
- 4) Lillis J, **Bond DS**, Thomas JG (2019). A low-touch ACT-based intervention to increase MVPA among inactive adults with overweight/obesity. Oral presentation at Society of Behavioral Medicine (SBM) annual meeting. San Francisco, CA.

5) Schumacher LM, Thomas JG, Vithiananthan S, Jones DB, Raynor HA, Rhodes RE, Webster J, **Bond DS** (2019). *Relationship of consistency in timing of physical activity and other cues with physical activity performance among bariatric surgery patients.* Poster presentation at Society of Behavioral Medicine (SBM) annual meeting. San Francisco, CA.**

- 6) Schumacher LM, Thomas JG, Vithiananthan S, Webster J, Jones DB, **Bond DS** (2019). Beyond just numbers: Using novel technology to understand bariatric surgery patients' physical activity (PA) experiences through accelerometry-triggered assessment in near real-time. Poster presented at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week annual conference. Las Vegas, NV, USA.**
- 7) Thomas JG, Vithiananthan S, Schumacher LM, Webster J, Jones DB, **Bond DS** (2019). It's not you, it's me: Ecological momentary assessment using mobile technology shows affect improves and perceived control of weight shifts from other people to the patient after bariatric surgery. Oral presentation at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week annual conference. Las Vegas, NV, USA.
- 8) Espel-Huynh HM, **Bond DS**, Goldstein CM, Lowe MR, Thomas JG (2019). Can machine learning be applied to notify the multidisciplinary bariatric surgery team of patient problems before they happen? A proof-of-concept example to optimize clinical outcomes. Poster presentation at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week annual conference. Las Vegas, NV, USA.
- 9) Goldstein SP, Goldstein CM, **Bond DS**, Raynor HA, Wing RR, Thomas JG (2019). *The reciprocal pattern in self-monitoring and weight loss differs for in-person and smartphone treatment.* Oral presentation at The Obesity Society (TOS)/Obesity Week annual conference. Las Vegas, NV, USA.
- 10) Farris SG, Thomas JG, Lipton RB, Pavlovic JM, Roth JL, **Bond DS** (2019). *Treatment effects on pain catastrophizing and cutaneous allodynia symptoms in women with migraine and overweight/obesity: A post-hoc secondary analysis.* Oral presentation at Association for Behavioral and Cognitive Therapy Annual Meeting, Atlanta, GA, USA.
- 11) Farris SG, Thomas JG, Abrantes AM, Godley FA, Roth JL, Lipton RB, Pavlovic JM, **Bond DS**. *Intentional avoidance of physical activity in women with migraine*. Oral presentation at Association for Behavioral and Cognitive Therapy Annual Meeting, Atlanta, GA, USA.
- 12) Rogers DG, Protti TA, Carr AM, Richardson PW, Bond DS, Smitherman TA (2019). Objectively-measured physical activity among migraineurs as a function of headache activity. Poster presentation at American Headache Society, Philadelphia, PA, USA.

13)Di Vincenzo, A, Beghetto M, Vettor R, Rossato M, **Bond DS**, Pagano C (2019). *Effects of bariatric and non-bariatric weight loss on migraine headache in obesity: A systematic review and meta-analysis.* Oral presentation at Endocrine Society Annual Meeting, New Orleans, LA, USA.

- 14) Farris SG, Abrantes AM, Thomas JG, Godley FA, Roth J, Lipton RB, Burr E, **Bond DS** (2019). *Anxiety sensitivity is associated with intentional avoidance of physical activity in women with migraine*. Poster presentation at Society of Behavioral Medicine, Washington DC, USA.
- 15) Goldstein SP, Goldstein CG, **Bond DS**, Wing RR, Thomas JG (2019). Comparing the use of behavior-tracking technology among weight loss maintainers and regainers in the National Weight Control Registry. Oral presentation at Society of Behavioral Medicine, Washington DC, USA.
- 16) Thomas JG, Bond DS, Raynor HA, Papandonatos GD, Wing RR (2019). Comparison of smartphone-based behavioral obesity treatment to gold standard group treatment and control: a randomized trial. Oral presentation at Society of Behavioral Medicine, Washington DC, USA.
- 17) Farris SG, Stabile LM, Burr E, Abrantes AM, **Bond DS**, Wu W (2019). *Anxiety sensitivity in patients attending pulmonary rehabilitation*. Poster presented as part of the Anxiety and Health Symposium at Anxiety and Depression Association of America, Chicago, IL, USA.
- 18) **Bond DS** (2018). A JITAI approach to breaking up prolonged sedentary behavior with light-intensity walking in adults treated for obesity and cardiovascular disease. Oral presentation as part of the "Unpacking Sedentary Behavior Reduction: Intervention Approaches and Outcomes in Populations with Chronic Conditions" symposium at Society of Behavioral Medicine, New Orleans, LA, USA.
- 19) Farris SG, Abrantes AA, Godley F, Roth JL, **Bond DS** (2018). *Anxiety sensitivity as a risk indicator for anxiety, depression, and headache severity in women with migraine.* Oral presentation at the Association for Behavioral and Cognitive Therapies Annual Meeting, Washington, DC, USA.**
- 20)Carr LJ, Thomas JG, Gold J, Burrus J, O'Leary KC, Wing RR, **Bond DS** (2018). Conscientiousness and the challenge of weight loss maintenance: A comparison of successful and unsuccessful weight loss maintainers. Poster presentation at Society of Behavioral Medicine Annual Meeting, New Orleans, LA, USA.

21) Farris SG, Thomas JG, Abrantes A, Lipton RB, Pavlovic J, Smitherman TA, Irby MA, Penzien DB, Roth J, O'Leary KC, **Bond DS** (2018). *Relative frequency and correlates of physical activity as an exacerbating factor of pain during migraine attacks: a prospective evaluation.* Oral presentation at Society of Behavioral Medicine Annual Meeting, New Orleans LA, USA.**

- 22) Goldstein CM, Thomas D, Hoover A, **Bond DS**, Thomas JG (2018). Energy balance models & bite goals to maximize adherence to weight loss treatment: the BITES Pilot Study. Poster presentation at Society of Behavioral Medicine Annual Meeting, New Orleans, LA, USA.
- 23) Thomas JG, **Bond DS** (2017). *Mobile technology for richer assessment of behavioral and psychosocial aspects of bariatric surgery: preoperative findings.* Oral presentation as part of the Integrated Health pre-conference course "Development of Optimal Approaches to Studying and Understanding Mechanisms of Bariatric Surgery" at Obesity Week/American Society of Metabolic and Bariatric Surgery, Washington DC, USA.
- 24)Goldschmidt A, **Bond DS**, Thomas JG (2017). Real time assessment of migraine as a contributor to dysregulated eating behavior and weight gain: An ecological momentary assessment study. Oral presentation as part of The Obesity Society (TOS) Bio-Behavioral Research Section Ignite Talk Competition (Awarded 1st place prize). Obesity Week Conference, Washington, DC, USA.**
- 25) Goldstein CM, Thomas D, Hoover A, **Bond DS**, Thomas JG (2017). *Pilot study of energy balance models & bite goals to increase adherence to online weight loss treatment.*Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Washington, DC, USA.
- 26) Evans EW, Jelalian E, **Bond DS**, Wing RR (2017). *Participation in a summer-based physical intervention and its effect on summer weight gain in children from a low-income community.* Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Washington, DC, USA.
- 27) Goldschmidt AG, Khoury J, Jenkins TM, **Bond DS**, Thomas JG, Utzinger LM, Zeller MH, Mitchell JE (2017). *Adolescent loss of control eating and weight loss maintenance 4 years after bariatric surgery*. Paper presentation at: The Obesity Society (TOS)/Obesity Week Conference, Washington, DC, USA.
- 28)**Bond DS**, Thomas JG, Lipton RB, Pavlovic JM, O'Leary KC, Roth J, Rathier L, Evans EW, Wing RR (2017). *A randomized trial testing the effects of behavioral weight loss on migraine in women with obesity.* Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Washington, DC, USA.

29)**Bond DS**, Thomas JG, Lipton RB, Pavlovic JM, O'Leary KC, Roth J, Rathier L, Evans EW, Wing RR (2017). *The Women's Health and Migraine Trial (WHAM): A randomized controlled trial of behavioral weight loss as a treatment for migraine in women with overweight/obesity.* Poster presentation at 18th Congress of the International Headache Society, Vancouver, BC, Canada.

- 30) Unick JL, Dorfman L, Becofsky KM, Bond DS, Thomas JG, Ward-Rittaco C, Wing RR (2017). Real-time assessment of the relationship between exercise and psychological stress in overweight women. Poster presentation at American College of Sports Medicine, Denver, CO, USA.
- 31) Unick JL, Tate DF, Lang W, Williams SE, **Bond** DS, Egan CM, Gorin AA, LaRose JG, Bahnson J, Lewis CE, Espeland MA, Wing RR (2016). *The relationship between objectively-assessed physical activity and weight change: The Study of Novel Approaches to Weight Gain Prevention (SNAP)*. Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, New Orleans, LA, USA.
- 32) Galioto R, Gunstad J, **Bond DS**, Pera V, Rathier L, Tremont G (2016). *Executive functions predict mid-treatment outcomes in a behavioral obesity treatment program.* Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, New Orleans, LA, USA.
- 33)Raynor HA, Cardosi C, **Bond DS** (2016). Relationships between self-report single- and multiple-day variety in physical activities and single- and multiple-day amounts of objectively-measured physical activity. Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, New Orleans, LA, USA.
- 34)Pavlovic JM, Lipton RB, Thomas JG, O'Leary KC, Roth J, Rathier L, Evans EW, **Bond DS** (2016). Smartphone-based ecological momentary assessment of acute headache medication use patterns in women with migraine and obesity (Selected as newsworthy item). Poster presentation at American Headache Society 58th Annual Scientific Meeting, San Diego, CA, USA.**
- 35)**Bond DS**, Lillis J, Seng EK, Thomas JG, Pavlovic J, Rathier L, Roth J, O'Leary KC, Evans EW, Lipton RB (2016). *Importance of pain acceptance in relation to headache disability and psychosocial symptoms in women with migraine and obesity*. Poster presentation at American Headache Society 58th Annual Scientific Meeting, San Diego, CA, USA.

36)**Bond DS**, Pavlovic JM, Lipton RB, Thomas JG, Digre KB, Roth J, Rathier L, Evans EW, O'Leary KC, Wing RR (2016). *Rate and degree of sexual dysfunction in women with migraine and overweight/obesity*. Poster presentation at American Headache Society 58th Annual Scientific Meeting, San Diego, CA, USA.

- 37) Goldstein CM, Burney ML, **Bond DS**, Thomas JG (2016). *A qualitative study of American adults' grocery shopping habits and challenges: implications for intervention.* Poster presentation at Society of Behavioral Medicine Annual Meeting, Washington, DC, USA.
- 38) **Bond DS**, Thomas JG, Pavlovic J, Roth J, Rathier L, O'Leary KC, Lipton RB (2016). *Ecological momentary assessment of headache pain intensity and pain interference in women with migraine and obesity.* Paper presentation at the annual meeting of the Society of Behavioral Medicine, Washington, DC, USA.
- 39)**Bond DS** (2016). *B-MOBILE: A smartphone-based intervention to reduce sedentary behavior in adults with obesity.* Oral presentation at the "Innovative Strategies to Assess and Target Sedentary Behavior across the Lifespan" symposium at the annual meeting of the Society of Behavioral Medicine, Washington, DC, USA.
- 40)Goldstein CM, Thomas JG, **Bond DS**, Wing RR (2015). Successful weight loss maintainers utilize technology more than a nationally-representative sample: comparison of the national weight control registry to pew tracking for health. Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Los Angeles, CA, USA.
- 41)Unick JL, Gaussoin S, Hill J, **Bond DS**, Hellgren M, Johnson K, Peters A, Coday M, Kitzman D, Bossart S, Jakicic JM, Wing RR (2015). *The relationship between objectively-assessed 4-year physical activity participation and long-term weight loss in older adults with type 2 diabetes enrolled in the Look AHEAD trial.* Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Los Angeles, CA, USA.
- 42) Burney M, **Bond DS**, Thomas JG (2015). Sensitivity to the rewarding properties of food and perceived stress as predictors of a tendency toward binge eating in individuals with overweight/obesity seeking behavioral weight loss treatment. Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Los Angeles, CA, USA.
- 43)Evans WE, Lipton RB, Peterlin BL, Raynor HA, Thomas JG, O'Leary KC, Pavlovic J, Wing RR, **Bond DS** (2015). *Dietary intake patterns in women with migraine and obesity seeking to lose weight and reduce migraine attacks.* Poster presentation at The Obesity Society (TOS)/Obesity Week Conference, Los Angeles, CA, USA.**

44)**Bond DS**, Buse DC, Lipton RB, Thomas JG, Rathier L, Roth J, Pavlovic JM, Evans EW, Wing RR (2015). *Clinical pain catastrophizing in women with migraine and obesity.* Oral presentation at: Annual scientific meeting of the American Headache Society, Washington, DC, USA.

- 45) Engel SG, Crosby RD, Thomas JG, **Bond DS**, Wonderlich SA (2014). *A review of ecological momentary assessment in the eating disorder, obesity, and bariatric surgery literature*. Oral presentation at: Annual meeting of the Eating Disorders Research Society (EDRS), San Diego, CA, USA.
- 46) Verschnell M, Martinez T, King WC, **Bond DS**, Frank L, Franklin N, Goldberg L, Wittgrove A, Campos G, Still C (2014). *National Integrated Health Practices in Bariatric Surgery*. Oral presentation at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week Conference, Boston, MA, USA.
- 47) **Bond DS**, King WC, Blackburn GP, Goodpaster BH, Houmard JA, Jakicic JM (2014). Physical activity considerations for bariatric surgery patients: development of an ACSM/ASMBS position stand. Physical activity and bariatric surgery: evidence to answer critical questions. Oral presentation at joint American College of Sports Medicine (ACSM)/American Society of Metabolic and Bariatric Surgery (ASMBS) symposium session. Obesity Week Conference, Boston, MA, USA.
- 48) Raynor HA, Mancini GJ, Mancini ML, **Bond DS** (2014). Food cravings, energy intake, and weight outcomes following bariatric surgery. Oral presentation at: American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week Conference, Boston MA, USA.
- 49) King WC, Chen J, **Bond DS**, Chapman W, Cook B, Dakin G, Courcoulas A, Flum D, Inabnet W, Mitchell J, Oelschlanger B, Patterson E, Wolfe B (2014). *Objective evaluation of pre- to postoperative changes in time spent sedentary: report from the Longitudinal Assessment of Bariatric Surgery-2 (LABS-2).* Oral presentation at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week Conference, Boston, MA, USA.
- 50)**Bond DS**, Thomas JG, Raynor HA, Vithiananthan S, Ryder BA, Trautvetter J, Leblond T, Moon J, Sieling J, Wing RR (2014). *B-MOBILE*: A smartphone-based intervention to reduce sedentary time in postoperative bariatric surgery patients. Oral presentation at American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week Conference, Boston MA.
- 51) Thomas JG, Spitalnick JS, **Bond DS**, Hadley W, Wing RR (2014). *Experience success:* virtual reality to enhance Internet weight loss. Oral presentation at the annual meeting of the International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC), Chicago, IL, USA.

52)O'Leary KC, Thomas JG, Wing RR, Lipton RB, Peterlin BL, Unick JL, **Bond DS** (2014). *Comparison of objectively-measured physical activity in obese women with and without migraine.* Poster presented at the annual meeting of the American College of Sports Medicine (ACSM), Orlando, FL, USA.

- 53)**Bond DS**, Lipton RB, Thomas JG, O'Leary KC, Roth J, Rathier L, Papandonatos GD, Daniello R, Wing RR (2013). *Can weight loss improve migraine headaches in obese women? Rationale and design of the WHAM randomized controlled trial*. Poster presented at the NIH Pain Consortium's 8th Annual Symposium on Advances in Pain Research. NIH Campus, Bethesda, MD, USA.
- 54)Moon J, Sieling J, **Bond DS**, Thomas JG (2013). *Coordinating sensor and subjective data in mHealth studies*. Poster presented at the annual meeting of The Obesity Society (TOS)/Obesity Week, Atlanta, GA, USA.
- 55) Speck RM, Farr JT, **Bond DS**, Sarwer DB (2013). Secular trends in the comorbid health status of individuals undergoing bariatric surgery. Poster presented at the annual meeting of The Obesity Society (TOS)/Obesity Week, Atlanta, GA, USA.
- 56)**Bond DS**, Thomas JG, King WC, Trautvetter J, Vithiananthan S, Pohl D, Giovanni J, Ryder BA, Roye GD, Wing RR (2013). *A brief physical activity intervention improves preoperative health-related quality of life in bariatric surgery patients: Results from the Bari-Active randomized controlled trial. Poster presented at the annual meeting of The Obesity Society (TOS)/Obesity Week, Atlanta, GA, USA.*
- 57) Thomas JG, Kearns MA, **Bond DS**, Raynor HA, Wing RR (2013). Sedentary behavior is an independent predictor of psychological well-being in individuals seeking behavioral weight loss treatment. Poster presented at the annual meeting of The Obesity Society/Obesity Week, Atlanta, GA, USA.
- 58) Thomas JG, **Bond DS**, Sarwer DS (2013). Advances in behavioral weight control technology: implications for adjunctive behavioral interventions in the bariatric surgery population. Paper presented at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week, Atlanta, GA, USA.
- 59) Raynor HA, Mancini ML, Mancini GJ, **Bond DS** (2013). Food cravings in individuals seeking bariatric surgery versus behavioral treatment. Paper presented at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week, Atlanta, GA, USA.

60)**Bond DS**, Trautvetter J, Thomas JG, Unick JL, Vithiananthan S, Jakicic JM, Pohl D, Giovanni J, Ryder BA, Roye GD, Wing RR (2013). *Bari-Active: a randomized controlled trial of a preoperative behavioral intervention to increase physical activity in bariatric surgery patients*. Paper presented at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS)/Obesity Week, Atlanta, GA, USA.

- 61)Peterlin BL, Rosso AL, Williams MA, Rosenberg JR, Haythornthwaite JA, Merikangas KR, Gottesmann RF, **Bond DS**, He JP, Zonderman AB (2013). *Episodic migraine and obesity: the influence of age, sex, and race.* Poster presented at The International Headache Congress (IHS), Boston, MA, USA.
- 62) Raynor HA, **Bond DS** (2013). *The effect of variety on engagement in moderate-to-vigorous physical activity.* Poster presented at the annual meeting of the American College of Sports Medicine (ACSM), Indianapolis, IN, USA.
- 63)Unick JL, **Bond DS**, O'Leary K, Trautvetter J, Vithiananthan S, Dieter Pohl, Ryder BA, Wing RR (2012). *Comparison of exercise-related psychological factors in severely obese individuals seeking bariatric surgery or lifestyle intervention.* Poster presented at the annual meeting of The Obesity Society (TOS), San Antonio, TX, USA.
- 64)**Bond DS**, Unick JL, Jakicic JM, Trautvetter J, O'Leary K, Wing RR (2012). *Comparison of physical activity, sedentary behaviors and health-related quality of life in severely obese individuals seeking bariatric surgery or lifestyle intervention.* Poster presented at the annual meeting of The Obesity Society (TOS), San Antonio, TX, USA.
- 65)**Bond DS**, Thomas JG, Unick JL, Raynor HA, Vithiananthan S, Trautvetter J, Wing RR (2012). *Comparison of bariatric surgery candidates' self-reported and objectively-measured time spent in sedentary behaviors.* Poster presented at the annual meeting of The Obesity Society (TOS), San Antonio, TX, USA.
- 66) Thomas JG, **Bond DS**, Phelan S, Hill JO, Wing RR (2011). 10-year weight change in the National Weight Control Registry. Paper presented at the annual meeting of The Obesity Society (TOS), Orlando, FL, USA.
- 67) **Bond DS**, Raynor HA, Phelan S, Steeves J, Daniello R, Wing RR (2011). Associations of physical activity variety with objective physical activity levels in weight loss maintainers and always normal-weight individuals. Poster presented at the annual meeting of The Obesity Society (TOS), Orlando, FL, USA.
- 68) Unick JL, Look AHEAD writing group including **Bond DS** (2011). Long-term effects of a lifestyle intervention in severely obese individuals. Paper presented at the annual meeting of the American Diabetes Association (ADA), San Diego, CA, USA.

69)**Bond DS**, Wing RR, Nash JM, Vithiananthan S, Ryder BA, Roye GD, Pohl D, Sax HC (2010). Significant reduction in migraine headache frequency, pain severity and disability in severely obese patients following bariatric surgery. Poster presented at the annual meeting of The Obesity Society (TOS), San Diego, CA, USA.

- 70)**Bond DS** (2010). Behavioral strategies to increase physical activity in bariatric surgery patients. Symposium talk presented at the annual meeting of the American Society for Metabolic and Bariatric Surgery (ASMBS), Las Vegas, NV, USA.
- 71)Leahey TM, **Bond DS**, Thomas JG, Raynor HA, Vithiananthan S, Roye GD, Pohl D, Ryder B, Sax, HC, Wing RR (2010). *Bariatric surgery is not associated with long-term changes in food preferences.* Poster presented at the annual meeting of The American Society for Metabolic and Bariatric Surgery (ASMBS), Las Vegas, NV, USA.
- 72) Thomas JG, **Bond DS**, Leahey TM, Ryder B, Roye D, Vithiananthan S, Sax HC, Pohl D, Wing RR (2010). Evaluation of post-operative adherence to recommended eating and activity behaviors in patients' natural environment via Ecological Momentary Assessment (EMA). Oral presentation at the annual meeting of the American Society for Metabolic and Bariatric Surgery (ASMBS), Las Vegas, NV, USA.
- 73)**Bond DS**, Vithiananthan S, Leahey TM, Thomas JG, Pohl D, Ryder BA, Roye GD, Giovanni J, Sax HC, Wing RR (2010). *Significant resolution of female sexual dysfunction following bariatric surgery.* Oral presentation at the annual meeting of the American Society for Metabolic and Bariatric Surgery (ASMBS), Las Vegas, NV, USA.
- 74)**Bond DS**, Jakicic JM (2010). What is the role of the exercise professional for bariatric surgery patients? Tutorial lecture presented at the annual meeting of the American College of Sports Medicine (ACSM), Baltimore, MD, USA.
- 75)McCaffery JM, McGeary J, Raynor HA, **Bond DS**, Wing RR (2009). *Differences in salivary response to taste by the DRD2 Taqla A1 allele.* Oral presentation at the annual meeting of The Obesity Society (TOS), Washington, DC, USA.
- 76)**Bond DS**, Raynor HA, McCaffery JM, Wing RR (2009). *Comparison of salivary habituation to a food stimulus in weight loss maintainers, obese and normal-weight individuals*. Poster presentation at the annual meeting of The Obesity Society (TOS), Washington, DC, USA.
- 77)**Bond DS**, Jakicic JM, Thomas JG, Leahey TM, Vithiananthan S, Pohl D, Roye GD, Ryder BA, Sax HC, Wing RR (2009). *Evaluation of objectively measured and self-reported pre-to post-operative changes in physical activity among bariatric surgery patients.* Oral presentation at the annual meeting of The Obesity Society (TOS), Washington, DC, USA.

78)**Bond DS**, Jakicic JM, Leahey TM, Thomas JG, Vithiananthan S, Pohl D, Roye D, Ryder B, Sax HC, Wing RR (2009). *Objective quantification of amount and intensity of physical activity in bariatric surgery candidates and age- and sex-matched normal weight controls.* Oral presentation at the annual meeting of the American Society for Metabolic and Bariatric Surgery (ASMBS), Grapevine, TX, USA.

- 79)**Bond DS**, Vithiananthan S, Sax HC, Pohl D, Ryder B, Leahey T, Thomas JG, Wing RR (2009). *Prevalence and degree of sexual dysfunction in women seeking bariatric surgery.* Oral presentation at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS), Grapevine, TX, USA.
- 80)Leahey TM, **Bond DS**, Thomas JG, Raynor H, Roye D, Pohl D, Vithiananthan S, Ryder B, Sax HC, Wing RR (2009). *Do food cravings and the consumption of craved foods "normalize" after bariatric surgery?* Oral presentation at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS), Grapevine, TX, USA.
- 81) Thomas JG, **Bond DS**, Pohl D, Roye D, Vithiananthan S, Ryder B, Leahey TM, Raynor H, Sax HC, Wing RR (2009). *Internal disinhibition predicts weight loss immediately following bariatric surgery*. Poster presentation at the annual meeting of the American Society for Metabolic and Bariatric Surgery (ASMBS), Grapevine TX, USA.
- 82)Leahey TM, **Bond DS**, Irwin S, Crowther JH, Wing RR (2008). When is the best time to deliver a behavioral intervention to bariatric surgery patients, pre- or post-surgery? Poster presentation at the annual meeting of The Obesity Society (TOS), Phoenix AZ, USA.
- 83)**Bond DS**, Phelan S, Wolfe LG, Meador JG, Evans RK, Kellum JM, Maher JW, Wing RR (2008). *Becoming physically active after bariatric surgery is associated with improved weight loss and quality of life.* Oral presentation at the annual meeting of The Obesity Society (TOS), Phoenix, AZ, USA.
- 84)**Bond DS**, Phelan S, Leahey TM, Hill JO, Wing RR (2008). Successful long-term weight loss maintenance after bariatric surgery: Can similar weight losses be achieved and maintained through non-surgical methods? Oral presentation at the annual meeting of the Society of Behavioral Medicine (SBM), San Diego, CA, USA.
- 85) Evans RK, **Bond DS**, Wolfe LG, Meador JG, Herrick JE, Kellum JM, Maher JW. Participation in 150 minutes/week of moderate or higher intensity physical activity yields greater weight loss following gastric bypass surgery (2007). Oral presentation at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS), San Diego, CA, USA.

86)Larson NY, Evans RK, **Bond DS**, Franco RL, Herrick JE, Larson NY, Wolfe LG, Meador JG, Maher JW, Kellum JM (2007). *Evaluation of physical activity during the early post-gastric bypass surgery period.* Poster presented at the annual meeting of the American College of Sports Medicine (ACSM), New Orleans, LA, USA.

- 87)**Bond DS**, Evans RK, Wolfe LG, Meador JG, Maher JW, Kellum JM (2007). *Differences in quality of life between moderately active and inactive gastric bypass surgery patients: presurgery to 1-year post-surgery.* Oral presentation at the annual meeting of the American Academy of Health Behavior (AAHB), Savannah, GA, USA.
- 88) Evans RK, **Bond DS**, Franco RL, Herrick JE, Larson NY, Meador JG, Wolfe LG, Maher JW, Kellum JM (2007). *Alterations in body composition and energy expenditure 1-month post-gastric bypass surgery: A pilot study.* Oral presentation at the annual meeting of the Southeast American College of Sports Medicine (SEACSM), Charlotte, NC, USA.
- 89) Luebbers PE, Potteiger JA, Warren BJ, Clore JN, **Bond DS**, Evans RK, Davis MD (2006). Glucose uptake following resistance training sessions of different intensities but of equal work volume. Poster presented at the annual meeting of the American College of Sports Medicine (ACSM), Denver, CO, USA.
- 90)**Bond DS**, Weaver MF, Arnold BL (2006). *Drug abuse behaviors and headache: Patient vs. physician report.* Poster presented at the annual meeting of the American Society of Addiction Medicine (ASAM), San Diego, CA, USA.
- 91)**Bond DS**, Evans RK, Wolfe LG, Meador JG, Maher JW, Kellum JM (2006). *Attainment of a minimal level of physical activity enhances physical and mental quality of life improvements among female gastric bypass surgery patients.* Oral presentation at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS), San Francisco, CA, USA.
- 92)**Bond DS**, Evans RK, Wolfe LG, Meador JG, Maher JW, Kellum JM (2006). *The relationship of being highly active to improvements in quality of life (QOL) among female gastric bypass surgery (GBS) patients.* Poster presented at the annual meeting of the American Academy of Health Behavior (AAHB), Carmel, CA, USA.
- 93) Evans RK, **Bond DS**, DeMaria EJ, Wolfe LG, Meador JG, Kellum J, Maher J, Warren BJ (2005). *Physical activity stage of readiness predicts moderate-to-vigorous intensity physical activity participation among morbidly obese bariatric surgery candidates.* Oral presentation at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS) conference, Orlando, FL, USA.

94)**Bond DS**, Evans RK, DeMaria EJ, Wolfe LG, Meador JG, Kellum J, Maher J, Warren BJ (2005). *Improvements in health-related quality of life, physical activity readiness and physical activity behavior among morbidly obese gastric bypass surgery candidates.* Poster presented at the annual meeting of the American Society of Metabolic and Bariatric Surgery (ASMBS), Orlando, FL, USA.

- 95)**Bond DS**, Baggaley S, Digre KB, Durrant L, Rubingh C (2003). *One-year follow-up of a self-administered intervention for headache management: A self-efficacy approach.*Poster presented at the International Headache Society (IHS), Rome, Italy.
- 96)**Bond DS**, Digre KB, Durrant L, Baggaley S, Rubingh C. (2002). *Impact of a minimal provider interaction intervention on headache self-management: A self-efficacy approach.* Poster presented at the annual meeting of the American Headache Society (AHS), Seattle, WA, USA.
- 97) **Bond DS**, Lyle RM, Seehafer RL, Tappe MK, D'Zurilla TJ (2000). *The importance of moderate exercise, T'ai Chi, and problem-solving ability in relation to psychological stress.* Poster presented at the annual meeting of the American Alliance of Health, Physical Education, Recreation and Dance (AAHPERD). Boston, MA, USA.

INVITED PRESENTATIONS/WEBINARS

International

- 1) Is preoperative physical activity important? World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders. Madrid, Spain (2019)
- The role of physical activity in postoperative weight loss maintenance. World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders. Madrid, Spain (2019).
- 3) Countering the challenges of physical inactivity and sedentariness in bariatric surgery patients. World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders. Vienna, Austria (2015).
- 4) Strategies for increasing physical activity in bariatric surgery patients. World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders. Istanbul, Turkey (2013).
- 5) Bari-Active: A preoperative intervention to increase physical activity. World Congress of the International Federation for the Surgery of Obesity and Metabolic Disorders. Hamburg, Germany (2011).

Webinar

1) The role of physical exercise in pre- and post-bariatric surgery. International Federation for Surgery of Obesity Integrated Health Webinar Panelist. (2018).

National

- 1) Bariatric surgery: A new opportunity to adopt a more active lifestyle for improved long-term weight loss maintenance. Carle Obesity Symposium, Urbana, IL, USA (2019).
- 2) Treating overweight/obesity to treat migraine: Worth the weight? American Headache Society 2018 Scottsdale Headache Symposium. Scottsdale, AZ, USA (2018).
- 3) The role of physical activity and sedentary behavior in initial weight loss and weight loss maintenance after bariatric surgery. Obesity Week/American Society of Metabolic and Bariatric Surgery. Washington, DC, USA (2017).
- 4) Inactivity and prolonged sedentary behavior: two priority health risk behaviors in bariatric surgery patients. Car Gisolfi Departmental Seminar Series, University of Iowa. Iowa City, IA, USA (2017).
- 5) *Pre- and post-op exercise: what the RD should recommend.* Obesity Week/American Society of Metabolic and Bariatric Surgery. New Orleans, LA, USA (2016).
- 6) Strategies for countering inactive and sedentary lifestyles in the context of migraine and obesity: insights from the Women's Health and Migraine (WHAM) trial. American Headache Society. San Diego, CA, USA (2016).
- 7) Strategies to counter inactive and sedentary lifestyles in bariatric surgery patients. Obesity Week/American Society of Metabolic and Bariatric Surgery. Los Angeles, CA, USA (2015). *Keynote Presentation for Master's Course in Behavioral Health
- 8) Are we all sitting ducks?—The health risks of sedentary behaviors and strategies to increase participation in the stand up movement. Comparative & Experimental Medicine and Public Health Research Symposium, University of Tennessee. Knoxville, TN, USA (2015).
- 9) Behavioral strategies to modify physical activity, sedentary behaviors, and pain in adults with obesity. Grand Rounds for both the Neuropsychiatric Research Institute and United States Department of Agriculture Grand Forks Human Nutrition Research Center. Fargo, Grand Forks, ND, USA (2015).

10) AACE/TOS/ASMBS postoperative recommendations: physical activity guidelines. American Society of Metabolic and Bariatric Surgery. Boston, MA, USA (2014).

- 11) Weight loss as a treatment for migraine: emerging evidence and practical implications. American Headache Society Scottsdale Headache Symposium. Scottsdale, AZ, USA (2014).
- 12) Strategies to increase physical activity and decrease sedentary behaviors in obese populations...and other stuff. University of Pennsylvania's Perelman School of Medicine Center for Weight and Eating Disorders Research Seminar Series. Philadelphia, PA, USA (2014).
- 13) Stand up for your health! Strategies to reduce sedentary behavior. Academy of Nutrition and Dietetics Weight Management DPG Symposium, St. Louis, MO, USA (2014).
- 14) Pain, disability, and physical activity in extreme obesity. Obesity Week/The Obesity Society. Atlanta, GA, USA (2013).
- 15) Role of exercise before and after bariatric surgery. American Society of Metabolic and Bariatric Surgery. Orlando, FL, USA (2011).
- 16) Behavioral strategies to increase preoperative physical activity in bariatric surgery patients. American Society for Metabolic and Bariatric Surgery. Orlando, FL, USA (2011).
- 17) Exercise programs for bariatric surgery patients. Experimental Biology Society. Anaheim, CA, USA (2010).
- 18) Long-term importance of physical activity for bariatric surgery patients. Bariatric Surgery: Weight loss, metabolic adaptations, and physical activity considerations symposium, University of Pittsburgh. Pittsburgh, PA, USA (2009).

Webinar

1) Role of physical activity in postoperative weight loss maintenance. Presented as part of Long-Term Weight Maintenance Following Bariatric and Metabolic Surgery with Lifestyle Modification Interventions and Exercise. Johnson & Johnson Institute Webinar (2019).

Local/regional

1) Non-surgical approaches to weight loss and maintenance. Rhode Island Hospital Annual Bariatric Surgery Symposium, Providence, RI, USA (2011).

2) Treating obesity to treat migraine: worth the weight? Alpert Medical School of Brown University Department of Psychiatry and Human Behavior Academic Grand Rounds, Providence RI, USA (2019).

3) Weight loss treatment for migraine: worth the weight? The Migraine Symposium & Awards Ceremony. Association of Migraine Disorders, Providence RI, USA (2020).

GRANTS

Ongoing Research Support

1) GFT640211 Wing/Jelalian (MPI)

3/1/16 - 6/30/20

Source: Hassenfeld Child Health Innovation Institute \$273,000

Assessing the Effect of the Enhanced Summer Food Service Program on the Health of School Children

This research program includes a series of studies testing models of weight gain prevention in children from infancy through school age.

Role: Co-I

2) 1 R01 DK112487

Engel/Wonderlich (MPI)

9/15/16 - 8/31/21

\$3.608.997 Source: NIH/NIDDK

Post-Surgical Predictors of Depression and Weight Regain in Bariatric Surgery The current study employs a novel assessment methodology and a prospective, longitudinal design to gain a better understanding of variables that predict the development of depression and weight regain after bariatric surgery.

Role: Co-I

3) 1 R01 DK112585

Steffen/Heinberg (MPI)

9/15/16 - 8/31/21

Source: NIH/NIDDK

\$3,711,271

Mechanisms that Predict Weight Trajectory after Bariatric Surgery: The Interactive Roles of Behavior and Biology

This project will examine the roles that specific behavioral and biological variables play in determining weight loss and regain following two common bariatric surgery procedures. Understanding the biobehavioral factors, including the microbiome, that affect weight following bariatric surgery will help to optimize post-surgical outcomes. Role: Co-I

4) 1 R01DK117843-01 Unick (PI)

9/18/18 - 6/30/23

Source: NIH/NIDDK/GMS \$2,399,526

Phone Coaching as a Rescue Strategy for Early Non-Responders Enrolled in an Internet-Delivered Weight Loss Program

This project examines whether the addition of brief or extended phone coaching to early non-responders enrolled in an Internet-based weight loss program improves weight loss at 4 and 12 months and whether this is cost-effective.

Role: Co-I

5) 1 R01 DK117857-01 Thomas (PI)

4/1/19 - 3/31/23

Source: NIH/NIDDK \$2,566,664

Rapid Evaluation of Innovative Intervention Components to Maximize the Health Benefits of Behavioral Obesity Treatment Delivered Online: An Application of Multiphase Optimization Strategy.

The aim of this project is to test a set of innovative intervention components aimed at improving the proportion of individuals who achieve a minimum clinically significant weight loss via behavioral obesity treatment delivered online.

Role: Co-I

6) P20GM121341

Smith (PI)

10/1/19 - 9/30/20

Source: NIH

Momentary Relationships between Stress and Weight Regulation Behaviors after Bariatric Surgery

This study examines temporal relationships between stress, inhibitory control, and energy balance behaviors (i.e. loss of control eating and physical activity) among postsurgical bariatric patients using multimethod ambulatory assessment.

Role: Consultant

Completed Research Support

1) 1 R03 DK114254

Lillis (PI) 9/1/17 – 8/31/19

Source: NIH/NIDDK \$146,000

A Novel Behavioral Approach for Adoption and Maintenance of Habitual Physical Activity

The goal of this project is to develop and test the feasibility, acceptability, and preliminary efficacy of a workshop intervention to increase MVPA among insufficiently active adults with overweight or obesity. The intervention will target autonomous motivation using novel behavior change strategies from Acceptance and Commitment Therapy.

Role: Co-I

2) 5 R01 DK108579 **Bond**/Thomas (MPI) 9/25/15 – 7/31/19 (NCE)

Source: NIH/NIDDK \$1,263,757

Ecological Momentary Assessment of Behavioral and Psychosocial Predictors of Weight Loss Following Bariatric Surgery

This study will use an Ecological Momentary Assessment (EMA) platform integrating multiple real-time data streams from sensor devices and self-report to measure behavioral, psychosocial, and environmental predictors of success and risk from pre- to 1-year post-bariatric surgery.

Role: PI

3) Unnumbered Siket/**Bond** (MPI) 9/1/15 – 8/31/17

Source: Grace K. Alpert Award in Clinical Neurosciences, \$80,000

Development and Pilot Testing of a Scalable mHealth intervention to Promote Physical Activity in TIA and Stroke Survivors

The aim of this pilot study is to test whether a mHealth-enhanced physical activity intervention produces greater increases in free-living habitual physical activity than a traditional physical activity intervention among adult patients with recent non-disabling ischemic stroke or TIA.

Role: PI

4) 5 R42 DK10353 Thomas/Tuerk (MPI) 9/15/14 – 6/30/17 (NCE)

Source: NIH/NIDDK \$1,401,730

Experience Success: Virtual reality skills training to enhance e-Weight Loss
The aim of this Phase II Small Business Technology Transfer grant is to complete
development of a virtual reality intervention to augment and improve Internet-delivered
behavioral weight loss treatments, and to test it in a randomized controlled trial.
Role: Co-I

5) HHSA2902015000021 Trikalinos (PI) 8/1/16 – 7/7/17 Source: Agency for Healthcare Research and Quality (AHRQ) \$355,555

Short and Long Term Outcomes after Bariatric Surgery in the Medicare Population
The aim of this systematic review is to report on short-and long-term outcomes of bariatric surgery in the Medicare population.
Role: Co-I

6) 5 R01 NS077925 **Bond** (PI) 7/1/12 – 6/30/17

Source: NIH/NINDS \$2,221,196

Behavioral Weight Loss as a Treatment for Migraine in Obese Women

The purpose of this study is to test the efficacy of a behavioral weight loss intervention for reducing migraine headache frequency in obese women migraineurs.

Role: PI

7) 5 R01 DK095779 Thomas (PI) 7/1/12 – 6/30/17

Source: NIH/NIDDK \$2,184,686

LIVE SMART: Smartphone Intervention for Weight Control

Smartphones will be tested as a novel method of delivering tailored behavioral weight loss treatment, reducing the need for face-to-face intervention.

Role: Co-I

8) Unnumbered Busch/**Bond**/Wu (MPI) 10/1/15 – 9/30/16

Source: The Miriam Hospital Foundation \$50,000

Increasing exercise and decreasing sedentary behavior among patients in a cardiac rehabilitation clinic.

The aim of this pilot randomized controlled trial is to test the feasibility, acceptability and preliminary efficacy of a smartphone-based intervention for increasing exercise and decreasing sedentary behaviors outside of the supervised cardiac rehabilitation setting. Role: PI

9) Unnumbered Thomas (PI) 5/1/13 – 1/31/16

Source: Weight Watchers International, Inc. \$555,908

Weight Watchers Online

This randomized controlled trial will evaluate patterns of use and health outcomes of the Weight Watchers online program.

Role: Co-I

10)Unnumbered Thomas (PI) 3/1/15 – 1/31/16

Source: Weight Watchers International, Inc. \$136,401

Weight Watchers Online 2015 Pilot Study

This randomized controlled trial will evaluate patterns of use and health outcomes of the Weight Watchers online 2015 program.

Role: Co-I

11)R03 DK095740 **Bond** (PI) 8/15/12 – 7/31/14

Source: NIH/NIDDK \$146,000

A Mobile Health Approach to Reducing Sedentary Time in Bariatric Surgery Patients

A smartphone application that monitors sedentary behavior and provides automated feedback and encouragement will be tested as a means of reducing sedentary behavior and increasing physical activity.

Role: PI

12)5 K01 DK083438 **Bond** (PI) 3/5/09 – 2/28/14

Source: NIH/NIDDK \$697,485

Increasing Physical Activity Among Bariatric Surgery Patients

The goal of this study is to develop and test different behavioral strategies to increase physical activity in bariatric surgery patients who have low physical activity levels.

Role: PI

13)U34 DK083009 Wing (PI) 9/30/09 – 7/31/12

Source: NIH/NIDDK \$298,651

Lifestyle Intervention to Treat Erectile Dysfunction

The purpose of this planning grant is to plan a randomized trial to test the efficacy of lifestyle intervention in obese men with erectile dysfunction.

Role: Co-I

14)U01 CA105387 Wing (PI) 9/28/09 – 8/31/14

Source: NIH/NCI \$4,138,250

Increasing Sleep Duration: A Novel Approach to Weight Control

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

Role: Co-I

15)Unnumbered **Wing** (PI) 11/1/07 – 10/31/08

Source: National Center of Excellence in Women's Health, Brown Alpert Medical School, \$50,000

Behavior changes in women undergoing bariatric surgery.

The purpose of this project is to objectively examine pre- to post-bariatric surgery changes in eating and activity behaviors.

Role: Co-L

MENTORING/TEACHING ROLES

Mentoring Roles

- 1) NHLBI T32 Postdoctoral Training in Cardiovascular Behavioral Medicine Program, Brown Alpert Medical School Department of Psychiatry and Human Behavior (DPHB)
 - a. Primary mentor of Leah Schumacher, PhD, Brown Alpert Medical School (2019-)
 - b. Secondary mentor of Samantha Farris, PhD, Butler Hospital/Brown Alpert Medical School (2017-2018)
 - c. Speaker at the DPHB T32 Core Seminar Series. "Design considerations in the Women's Health and Migraine Trial (WHAM): A randomized trial testing the effects of behavioral weight loss intervention on migraine in women with overweight/obesity.

- 2) Brown Alpert Medical School DPHB Internship Program
 - a. Co-primary mentor of Leah Schumacher (2018-2019)
- 3) Brown Alpert Medical School/The Miriam Hospital Weight Control and Diabetes Research Center

a. Current and previous mentoring roles with: Andrea Goldschmidt, PhD (2016-2018), Rachel Galioto, PhD (2016-2017), Jessica Unick, PhD (2011-2013), Whitney Evans, PhD (2015-2017).

Thesis Committee Membership

Invited primary opponent on committee for PhD candidate, Irmelin Bergh

Thesis: The role of psychological factors in predicting weight loss and adherence to health

behaviors in patients undergoing obesity surgery—A prospective cohort study.

Department/Institution: Psychology/University of Oslo, Norway.

Date: 2017

Undergraduate Teaching

Course Title: Substance Abuse

Number of Students: 90 (total)

University: Virginia Commonwealth University

Term: 2003-2007

Course Title: Community Health Education: Theory and Practice

Number of Students: 50 (total)

University: Virginia Commonwealth University

Term: 2002-2007

Course Title: Coping and Adaptation

Number of Students: 150 (total)

University: Virginia Commonwealth University

Term: 2002-2007

Course Title: Personal Health and Behavioral Change

Number of Students: 100 (total)

University: Virginia Commonwealth University

Term: 2002-2007

Course Title: School and Community Health Resources

Number of Students: 30 (total)

University: Virginia Commonwealth University

Term: 2002

Course Title: Death and Dying

Number of Students: 80 (total)

University: University of Utah

Term: 2000-2002

Course Title: Personal Health

Number of Students: 150 (total)

University: University of Utah

Term: 1998-2001

Course Title: Stress Management

Number of Students: 200 (total)

University: University of Utah

Term: 1998-2001

Course Title: Personal Health

Number of Students: 40 (total)

University: Purdue University

Term: 1996-1998

Course Title: Stress and Human Health

Number of Students: 80 (total)

University: Purdue University

Term: 1996-1998

Graduate Teaching

Course Title: Psychology of Physical Activity

Number of Students 30 (total)

University: Virginia Commonwealth University

Term: 2004-2006

Course Title: Theories of Health Behavior (*co-taught with Dr. Lynne Durrant)

Number of Students: 12 (total)

University: University of Utah

Term: 2001