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PROFESSIONAL RECORD

- 2018- Associate Professor with Tenure, School of Kinesiology, University of Michigan
- 2015- Assistant Professor, Department of Nutritional Sciences, School of Public Health, University of Michigan
- 2012-2017 Assistant Professor, School of Kinesiology, University of Michigan

ACADEMIC DEGREES

- 2009 Ph.D., Kinesiology, University of Massachusetts
- 2005 M.S., Exercise Science, University of Massachusetts
- 2001 B.S., Exercise Science, University of Massachusetts

POSTDOCTORAL TRAINING

- 2010-2012 W.K. Kellogg Health Scholars Postdoctoral Fellow, Center on Social Disparities in Health, University of California San Francisco
- 2009-2010 Postdoctoral Research Associate, Childhood Obesity Research Center, University of Southern California

UNIVERSITY AFFILIATIONS

- 2017- Member, Poverty Solutions Initiative
- 2014- Member, Institute for Health Care Policy and Innovation
- 2013- Founding Director, University of Michigan Childhood Disparities Research Laboratory
- 2013- Member, Michigan Nutrition Obesity Research Center
- 2013- Member, Michigan Diabetes Research Center
- 2012- Member, School of Public Health Momentum Center

HONORS AND DISTINCTIONS

Research

- 2019 National Institutes of Health Training Institute for Dissemination and Implementation Research in Health (TIDIRH)
- 2016 Institute for Health Policy & Innovation R01 Boot Camp Junior Investigator
- 2015 Fellow, American College of Sports Medicine
- 2013 American Psychosomatic Society Young Investigator

- 2011 The Obesity Society Pat Simons Travel Award for Research Excellence by Young Investigators
- 2008 New England American College of Sports Medicine Doctoral Student Investigator Award
- 2007, 2005 Northeast Alliance Doctoral Fellowship
- 2006, 2005 Southern Regional Education Board-National Science Foundation Alliance for Graduate Education and the Professoriate Scholar
- 2004 New England American College of Sports Medicine Minority Scholarship
- 2001-2002 University of Massachusetts Graduate School Office of Recruitment and Retention Diversity Scholarship

Teaching

- 2017 School of Kinesiology Excellence in Teaching Award
- 2017 University of Michigan Golden Apple Award Nominee (also nominated in 2015 & 2016)
- 2014 Michigan Undergraduate Research Opportunity Program Outstanding Research Mentor Award
- 2003-2004 University of Massachusetts Distinguished Teaching Award Nominee

Service

- 2010 Pasadena Birthing Project Millennium Scholar
- 2006 University of Massachusetts School of Nursing Peace and Social Responsibility Award

PEER-REVIEWED PUBLICATIONS (in reverse chronological order)

Last author position designates senior authorship

^a Graduate student, ^b Undergraduate student

Available via MyBibliography: <http://www.ncbi.nlm.nih.gov/pubmed/?term=hasson+re>

Published

- J43. M.R. Nagy^a, M.P. O'Sullivan^b, S.S. Block^b, **R.E. Hasson**. Acute effects of intermittent physical activity on perceptions of exercise-related fatigue in children. *J. Phys. Act. Health*, 21:1-7, 2020.
- J42. T.A. Ajibewa^a, M. Zhou, M. Barry, A. Miller, K. Sonnevile, C. Leung, **R.E. Hasson**. Adolescent stress: A predictor of disordered eating behaviors and attitudes in youth with overweight/obesity. *Appetite*, 147:104560, 2020.
- J41. E.K. Michaels, A.N. Reeves, M.D. Thomas, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Nuru-Jeter. Everyday racial discrimination and hypertension among midlife African American women: Disentangling the role of active coping dispositions vs. active coping behaviors. *Int. J. Environ. Res. Public Health*, 16(23). pii: E4759, 2019.

- J40. L. Allport, M. Song, C.W. Leung, K.C. McGlumphy^b, **R.E. Hasson**. Influence of parent stressors on adolescent obesity in African American youth. *J. Obes.*, 2019: 1316765.
- J39. L.R. Beemer^a, T.A. Ajibewa^a, G. DellaVecchia, **R.E. Hasson**. A pilot intervention using gamification to enhance student participation in classroom activity breaks. *Int. J. Environ. Res. Public Health*, 16(21). pii: E4082, 2019.
- J38. E.A. Pitchford, **R.E. Hasson**, J.E. Hornyak, J. Lumeng, K.E. Peterson, D.A. Ulrich. Diurnal cortisol and obesity in adolescents with and without Down syndrome. *J. Intellect. Disabil. Res.*, 63(12):1401-12, 2019.
- J37. M.R. Nagy^a, A.K. Gill^b, T.E. Adams^b, J.E. Gerrass^b, L.E. Mazin^b, C. Leung, **R.E. Hasson**. Stress-induced suppression of food intake in overweight and obese adolescents. *Psychosom. Med.*, 81(9):814-820, 2019.
- J36. K.C. McGlumphy^a, M.R. Damen^a, **R.E. Hasson**. Psychosocial stress and perceived oral health in African American youth. *Pediatr. Dent.* 41(5):35-63, 2019.
- J35. M.D. Thomas, E.K. Michaels, A.N. Reeves, U. Okoye, M.M. Price, **R.E. Hasson**, D.H. Chae, A.M. Nuru-Jeter. Differential associations between everyday vs. institution-specific racial discrimination, self-reported health, and allostatic load among Black women: implications for clinical assessment and epidemiological studies. *Ann. Epidemiol.*, 35:20-28.e3, 2019.
- J34. E.K. Michaels, M.D. Thomas, A.N. Reeves, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Allen. Coding the everyday discrimination scale: implications for exposure assessment with hypertension and depression among midlife African American women. *J. Epidemiol. Community Health*, 73(6):577-584, 2019.
- J33. M.R. Nagy^a, K.C. McGlumphy^b, R. Dopp, T.C. Lewis, **R.E. Hasson**. Association between asthma, obesity and health behaviors in African American youth. *J. Asthma*, 57(4):410-420, 2020.
- J32. E. Weston^b, M.R. Nagy^a, T.A. Ajibewa^a, M.P. O'Sullivan^b, S.S. Block^b, **R.E. Hasson**. Acute effects of interrupting prolonged sitting with intermittent physical activity on blood pressure in preadolescent children. *Pediatr. Exerc. Sci.*, 8:1-8, 2019.
- J31. E. Shaver^a, K. McGlumphy^b, A. Gill^b, **R.E. Hasson**. Application of the Transtheoretical Model to physical activity and exercise behaviors in African American adolescents. *Am. J. Health Behav.*, 43(1):119-132, 2019.
- J30. A.M. Allen, M.D. Thomas, E.K. Michaels, A.N. Reeves, U. Okoye, M. Price, **R.E. Hasson**, S.L. Syme, D.H. Chae. Racial discrimination, educational attainment, and biological dysregulation among midlife African American women. *Psychoneuroendocrinology*, 99:225-235, 2019.
- J29. L.R. Beemer^a, T.A. Ajibewa^a, M.P. O'Sullivan^b, M.R. Nagy^b, B. Ransier, U.S. Vance, D. Stockdill, N. Colabianchi, **R.E. Hasson**. Feasibility of the InPACT Intervention to enhance movement and learning in the classroom. *Transl. J. Am. Coll. Sports Med.*, 3(18):136-151, 2018.
- J28. **R.E. Hasson**. Addressing disparities in physical activity participation among African American and Latino youth. *Kinesiology Review*, 7(2): 163-172, 2018.

- J27. E. Hedgeman, **R.E. Hasson**, C.A. Karvonen-Gutierrez, W.H. Herman, S. Harlow. Perceived stress across the midlife: longitudinal changes among a diverse sample of women, the Study of Women's Health Across the Nation (SWAN). *Women's Midlife Health* 4:2, 2018. PMID: 29485933

[Published before Promotion & Tenure at University of Michigan]

- J26. K.C. McGlumphy^b, A.K. Gill^b, E.R. Shaver^a, **R.E. Hasson**. Psychological stress predicts lower physical activity in African American boys, but not girls. *Am. J. Health Behav.*, 42(2):93-105, 2018. PMID: 29458518
- J25. S.S. Block^b, T.R. Tooley^b, M.R. Nagy^b, M.P. O'Sullivan^b, L.E. Robinson, N. Colabianchi, **R.E. Hasson**. Acute effect of intermittent exercise and action-based videogame breaks on math performance in preadolescent children. *Pediatr. Exerc. Sci.*, 27:1-9, 2017. PMID: 29485933
- J24. E.A. Pitchford, C. Adkins, **R.E. Hasson**, J.E. Hornyak, D.A. Ulrich. Association of physical activity and adiposity in adolescents with Down Syndrome. *Med. Sci. Sports Exerc.*, 50(4):667-674, 2018. PMID: 29210918
- J23. T.A. Ajibewa^a, M.P. O'Sullivan^b, M.R. Nagy^b, S.S. Block^b, L.E. Robinson, N. Colabianchi, **R.E. Hasson**. The effects of interrupting prolonged sitting with intermittent activity on appetite sensations and subsequent food intake in preadolescent children. *PLOSOne*, 12(12): e0188986, 2017. PMID: 29287061
- J22. D. Nelson^b, J. Gerrass^b, K.C. McGlumphy^b, E. Shaver^a, A.K. Gill^b, K. Kanneganti^b, T.A. Ajibewa^a, **R.E. Hasson**. Racial discrimination and low parent education predict increased BMI in African American youth. *Child Obesity*, 14(2):114-121, 2018. PMID: 29211516
- J21. M.R. Nagy^b, S.S. Block^b, T.R. Tooley^b, M.P. O'Sullivan^b, L.E. Robinson, N. Colabianchi, **R.E. Hasson**. Affective responses to intermittent physical activity in normal weight and overweight/obese elementary school-age children. *J. Phys. Act. Health*, 14(22):845-851, 2017. PMID: 28682697
- J20. M.P. O'Sullivan^b, M.R. Nagy^b, S.S. Block^b, T.R. Tooley^b, L.E. Robinson, N. Colabianchi, **R.E. Hasson**. Acute compensatory responses to interrupting prolonged sitting with intermittent activity in preadolescent children. *Ped. Exerc. Sci.* 12:1-21, 2017. PMID: 28605263
- J19. **R.E. Hasson**, Y.J. Hsu, J. Davis, M.I. Goran, D. Spruijt-Metz. The influence of parental education on dietary intake in Latino youth. *J. Immigr. Minor. Health*, 20(1): 250-254, 2018. PMID: 28271345.
- J18. **R.E. Hasson**, D.R. Brown, J. Dorn, L. Barkley, C. Torgan, M. Whitt-Glover, B. Ainsworth, N. Keith. Achieving equity in physical activity participation: ACSM experience and next steps. *Med. Sci. Sports Exerc.* 49(4):848-858, 2017. PMID: 27870795.
- J17. T.C. Adam, S. Tsao, K.A. Page, H. Hu, **R.E. Hasson**, M.I. Goran. Insulin sensitivity and brain reward activation in overweight Hispanic girls: a pilot study. *Pediatr. Obes.* 10(1): 30-6, 2015. PMID: 24357646; PMCID: PMC4065230.

- J16. **R.E. Hasson**, D.L. Rowley, C. Blackmore Prince, C.P. Jones, W.C. Jenkins. The Society for the Analysis of African-American Public Health Issues (SAAPHI). *Am. J. Public Health* 104(11): 2072-5, 2014. PMID: 25295606.
- J15. M.C. Whitt-Glover, N.R. Keith, T.G. Ceaser, K. Virgil, L. Ledford, **R.E. Hasson**. A systematic review of physical activity interventions among African American adults: evidence from 2009 to 2013. *Obes Rev.* 15(Suppl 4): 125-45, 2014. PMID: 25196410.
- J14. **R.E. Hasson**, T.C. Adam, J.N. Davis, R.M. Watanabe, M.I. Goran. Compensatory responses to insulin resistance in obese African-American and Latina girls. *Pediatr. Obes.* 8(6): e68-73, 2013. PMID: 23818490.
- J13. **R.E. Hasson**, T.C. Adam, J. Pearson, J.N. Davis, D. Spruijt-Metz, M.I. Goran. Sociocultural and socioeconomic influences on type 2 diabetes risk in overweight/obese African-American and Latino-American children and adolescents. *J. Obes.* 2013: 512914, 2013. PMID: 23762538; PMCID: PMC3666294.
- J12. J.N. Davis, E.E. Ventura, A. Tung, M.A. Munevar, **R.E. Hasson**, C. Byrd-Williams, A.K. Vanni, D. Spruijt-Metz, M. Weigensberg, M.I. Goran. Effects of a randomized maintenance intervention on adiposity and metabolic risk factors in overweight minority adolescents. *Pediatr. Obes.* 7(1): 16–27, 2012. PMID: 22434736; PMCID: PMC3313084.

[Published before Assistant Professor Position at University of Michigan]

- J11. K.A. Lê, S. Mahurkar, T.L. Alderete, **R.E. Hasson**, T.C. Adam, J.S. Kim, E. Beale, C. Xie, A.S. Greenberg, H. Allayee, M.I. Goran. Subcutaneous adipose tissue macrophage infiltration is associated with hepatic and visceral fat deposition, hyperinsulinemia and stimulation of NF- κ B stress pathway. *Diabetes* 60(11): 2801-9, 2011. PMID: 22025778; PMCID: PMC3198061.
- J10. **R.E. Hasson**, K.E. Granados, D.X. Marquez, G. Bennett, P. Freedson, B. Braun. Psychological responses to acute exercise in sedentary black and white individuals. *J. Phys. Act. Health.* 8(7): 978-987, 2011. PMID: 21885889.
- J9. **R.E. Hasson**, C.A. Howe, B.L. Jones, P.S. Freedson. Accuracy of four resting metabolic rate prediction equations: effects of sex, body mass index, age and race/ethnicity. *J. Sci. Med. Sport* 14(4): 344-51, 2011. PMID: 21458373.
- J8. T.C. Adam, **R.E. Hasson**, C.J. Lane, J.N. Davis, M.J. Weigensberg, D. Spruijt-Metz, M.I. Goran. Fasting indicators of insulin sensitivity: effects of ethnicity and pubertal status. *Diabetes Care* 34(4): 994-9, 2011. PMID: 21357795; PMCID: PMC3064063.
- J7. **R.E. Hasson**, T.C. Adam, J.N. Davis, L.A. Kelly, E.E. Ventura, C.E. Byrd-Williams, C.M. Toledo-Corral, C.K. Roberts, C.J. Lane, S.P. Azen, C.P. Chou, D. Spruijt-Metz, M.J. Weigensberg, K. Berhane, M.I. Goran. Randomized controlled trial to improve adiposity, inflammation, and insulin resistance in obese African-American and Latino youth. *Obesity (Silver Spring)* 20(4): 811-818, 2012. PMID: 21293446; PMCID: PMC3106142.
- J6. T.C. Adam, **R.E. Hasson**, E.E. Ventura, C. Toledo-Corral, K.A. Lê, S. Mahurkar, C.J. Lane, M.J. Weigensberg, M.I. Goran. Cortisol is negatively associated with insulin

- sensitivity in overweight Latino youth. *J. Clin. Endocrinol. Metab.* 95(10): 4729-35, 2010. PMID: 20660036; PMCID: PMC3050109.
- J5. **R.E. Hasson**, K. Granados, S. Chipkin, P.S. Freedson, B. Braun. Effects of a single exercise bout on insulin sensitivity in black and white individuals. *J. Clin. Endocrinol. Metab.* 95(10): E219-23, 2010. PMID: 20631019.
- J4. **R.E. Hasson**, T.C. Adam, J.N. Davis, M.J. Weigensberg, E.E. Ventura, C.J. Lane, C.K. Roberts, M.I. Goran. Ethnic differences in insulin action in obese African-American and Latino adolescents. *J. Clin. Endocrinol. Metab.* 95(8): 4048-51, 2010. PMID: 20444915; PMCID: PMC3106142.
- J3. **R.E. Hasson**, P.S. Freedson, B. Braun. Use of continuous glucose monitoring in normoglycemic, insulin resistant women. *Eur. J. Appl. Physiol.* 108(6): 1181-7, 2010. PMID: 20033205.
- J2. **R.E. Hasson**, J. Haller, D.M. Pober, J. Staudenmayer, P.S. Freedson. Validity of the Omron HJ-112 pedometer during treadmill walking. *Med. Sci. Sports Exerc.* 41(4): 805-9, 2009. PMID: 19276853.
- J1. **R.E. Hasson**, P.S. Freedson, B. Braun. Postexercise insulin action in African-American women. *J. Natl. Med. Assoc.* 98(11): 1832-9, 2006. PMID: 17128694.

PEER REVIEWED FULL PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

- P1. U.S. Vance, **R.E. Hasson**, D. Stockdill, B. Ransier. Move Detroit: An Active Class Space Intervention. Proceedings of 105th Association of Collegiate Schools of Architecture Annual Meeting and Technology Conference, Detroit, MI, March 23-25, 2017. (6 pgs.).

BOOK CHAPTERS

- B1. **R.E. Hasson**, M.I. Goran. Ethnic differences in insulin resistance as a mediator of cancer disparities, In: *Impact of energy balance on cancer disparities*, Energy balance and cancer (Volume 9). D.J. Bowen, et al. (eds.) Springer International Publishing Switzerland; 2014.

INVITED EDITORIALS, & AUTHOR RESPONSES

- E3. **R.E. Hasson**, D.R. Brown, J. Dorn, L. Barkley, C. Torgan, M. Whitt-Glover, B. Ainsworth, N. Keith. Authors response: Achieving equity in physical activity participation: ACSM experience and next steps. *Med. Sci. Sports Exerc.* 50(6):1342-1343, 2018.
- E2. **R.E. Hasson**. Addressing racial/ethnic differences in age-related declines in physical activity during adolescence. *J. Adolesc. Health*, 61(5):539-540, 2017. PMID: 29061230
- E1. **R.E. Hasson**, J. Haller, D.M. Pober, J. Staudenmayer, P.S. Freedson. Authors response: Validity and reliability of Omron pedometers at slow walking speeds. *Med. Sci. Sports Exerc.* 41(9): 1828, 2009.

MANUSCRIPTS UNDER REVISION

1. T.A. Ajibewa^a, T. Adams^b, A.K. Gill^b, L. Mazin^b, J. Gerras^b, **R.E. Hasson**. Active and positive distraction coping is associated with lower stress reactivity in overweight/obese adolescents. Under revision at *Stress and Health*, 2020.
2. M.Stewart, T. Nezich, J. Lee, **R.E. Hasson**, N. Colabianchi. Exploring the relationship between planned and performed physical activity in University students: the utility of a smartphone app. Under revision at *JMIR mHealth and uHealth*, 2020.
3. S.L.C. Veldman, K.Q. Scott-Andrews, N. Colabianchi, **R.E. Hasson**, L.E. Robinson. Fundamental motor skill physical education lessons increase health-enhancing physical activity in elementary school-age children. Under revision at *Health Behav Policy Rev*, 2020.
4. J.A. Wexler, T.A. Ajibewa, J. Lee, C.Toledo-Corral, **R.E. Hasson**. Community violence exposure and cortisol awakening responses in adolescents with overweight and obesity. Under revision at *Psychoneuroendocrinology*, 2020.

PEER-REVIEWED PUBLISHED ABSTRACTS

- A44. **R.E. Hasson**, R.C. Hofsess, T.A. Adams^b, A.K. Gill^b, L.E. Mazin^b, J.Gueras^b. Community violence exposure and stress reactivity in African American and non-Latino white adolescents with overweight/obesity. Poster presentation to be given at “Achieving Health Equity: Opportunities for Psychosomatic Medicine” the 78th Annual Meeting of the American Psychosomatic Society, March 11-14, 2020, Long Beach, CA. Conference canceled. *Psychosom. Med.* 2020
- A43. J. Wexler^b, T. Ajibewa^a, J. Lee, C. Toledo-Corral, **R.E. Hasson**, Community violence exposure and cortisol awakening response in overweight/obese adolescents. Paper presentation to be given at “Achieving Health Equity: Opportunities for Psychosomatic Medicine” the 78th Annual Meeting of the American Psychosomatic Society, March 11-14, 2020, Long Beach, CA. Conference canceled. *Psychosom. Med.* 2020.
- A42. T. Ajibewa^a, M. Zhou, M.R. Barry, A.L. Miller, K.R. Sonnevile, C. Leung, **R.E. Hasson**. Adolescent stress: a predictor of disordered eating behaviors and attitudes in youth with overweight/obesity. Poster presentation to be given at “Achieving Health Equity: Opportunities for Psychosomatic Medicine” the 78th Annual Meeting of the American Psychosomatic Society, March 11-14, 2020, Long Beach, CA. Conference canceled. *Psychosom. Med.* 2020
- A41. M.T. Stewart, T. Nezich, J. Lee, **R.E. Hasson**, N. Colabianchi. Exploring the relationship between planned and performed physical activity: the utility of a smartphone app. *Med. Sci. Sports Exerc.* 51(5S), 2019.
- A40. L.R. Beemer^b, L. Allport, T.A. Ajibewa^b, S. Bahl^b, E. Weston^a, M. Damen^a, B. Ransier, D. Stockdill, U.S. Vance, **R.E. Hasson**. Using gamification to enhance student participation in classroom activity breaks. *Med. Sci. Sports Exerc.* 51(5S), 2019.
- A39. T.A. Ajibewa^b, T. Lewis, L.R. Beemer^b, L. Allport, S. Bahl^b, E. Weston^a, M. Damen^a, B. Ransier, D. Stockdill, U.S. Vance, R. Dopp, **R.E. Hasson**. Classroom-based strategies to

- reduce disparities in physical activity among children with asthma. *Med. Sci. Sports Exerc.* 51(5S), 2019.
- A38. M.D. Thomas, E. Michaels, A.N. Reeves, U. Okoye, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Allen. Differential Associations between Racial Discrimination, Self-reported Health and Allostatic Load among Black Women: Implications for Clinical Assessment and Epidemiologic Studies. *Ann. Behav. Med.* (S) 2019.
- A37. **R.E. Hasson**, M.R. Nagy^b, A.K. Gill^a, T.E. Adams^a, J.E. Gerrass^a, L.E. Mazin^a, C. Leung. Overweight and obese adolescents decrease calorie consumption in response to an acute laboratory stressor. *Psychosom. Med.* (s1300), 2019.
- A36. T.A. Ajibewa^b, T. Adams^a, A.K. Gill^a, L. Mazin^a, J. Gerrass^a, **R.E. Hasson**. Dispositional coping predicts stress reactivity in overweight/obese adolescents. *Psychosom. Med.* (s1255), 2019.
- A35. E.A. Pitchford, C. Adkins, J.E. Hornyak, **R.E. Hasson**. MVPA and DXA-derived adiposity in adolescents with and without Down Syndrome. *Med. Sci. Sports Exerc.* 50(5S):212, 2018.
- A34. L.R. Beemer^b, T.A. Ajibewa^b, M.P. O'Sullivan^a, M.R. Nagy^b, B. Ransier, D. Stockdill, U.S. Vance, N. Colabianchi, **R.E. Hasson**. Variability in implementation of a classroom-based physical activity intervention: implications for disparities in pediatric physical activity participation. *Med. Sci. Sports Exerc.* 50(5S):695, 2018.
- A33. E. Weston^a, T.A. Ajibewa^b, M.R. Nagy^b, M.P. O'Sullivan^a, S.S. Block^a, **R.E. Hasson**. Blood pressure responses to intermittent physical activity in elementary school-age children. *Med. Sci. Sports Exerc.* 50(5S): 277, 2018.
- A32. M.R. Nagy^b, K. McGlumphy^a, E.R. Shaver^b, **R.E. Hasson**. Physical activity does not modify the relationship between asthma and obesity in African American youth. *Med. Sci. Sports Exerc.* 50(5S):453, 2018.
- A31. E.K. Michaels, A.N. Reeves, M.D. Thomas, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Nuru-Jeter. Racial discrimination and hypertension among midlife African American women: does coping modify? Oral presentation at: American Public Health Association National Meeting. November 4-8, 2017. Atlanta, GA.
- A30. E.K. Michaels, M.D. Thomas, A.N. Reeves, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Nuru-Jeter. Coding the everyday discrimination scale: implications for chronicity assessment and associations with hypertension and depression among midlife African American women. Oral presentation at: American Public Health Association National Meeting. November 4-8, 2017. Atlanta, GA.
- A29. T.A. Ajibewa^a, K. Kanneganti^b, K.E. McGlumphy^b, E.R. Shaver^a, **R.E. Hasson**. Gender differences in cardiovascular risk factors among African American adolescents. Poster presentation at: The Obesity Society Annual Meeting at ObesityWeekSM 2017; Oct. 30-Nov. 2, 2017; Washington, DC. www.obesityweek.com.
- A28. D. Nelson^b, **R.E. Hasson**. Racial discrimination and low parent education predict increased BMI in African American adolescents. Poster presentation at: The Obesity Society Annual Meeting at ObesityWeekSM 2017; Oct. 30-Nov. 2, 2017; Washington, DC. www.obesityweek.com.

- A27. T.A. Ajibewa^a, M.P. O'Sullivan^b, M.R. Nagy^b, S.S. Block^b, T.R. Tooley^b, **R.E. Hasson**. Effects of interrupting prolonged sitting with activity on appetite sensations in elementary school-age children. *Med. Sci. Sports Exerc.* 49(5S):200, 2017.
- A26. M.D. Thomas, E.K. Michaels, A.N. Reeves, M. Price, **R.E. Hasson**, D.H. Chae, A.M. Nuru-Jeter]. Differential impacts of routine vs. non-routine experiences of discrimination on allostatic load among African American women: implications for epidemiologic studies." Oral presentation at: Society of Behavioral Medicine National Meeting. March 29-April 1, 2017. San Diego, CA.
- A25. K. McGlumphy^b, J. Spooner^a, E. Shaver^a, **R.E. Hasson**. The role of psychological stress and stress coping in shaping physical activity behaviors in African American boys and girls. Poster presentation at: The Obesity Society Annual Meeting at ObesityWeekSM 2016; Oct. 31-Nov. 4, 2016; New Orleans, LA. www.obesityweek.com.
- A24. E. Shaver^a, J. Spooner^a, K. McGlumphy^b, **R.E. Hasson**. Psychological predictors of physical activity in African American boys and girls. Poster presentation at: The Obesity Society Annual Meeting at ObesityWeekSM 2016; Oct. 31-Nov. 4, 2016; New Orleans, LA. www.obesityweek.com.
- A23. J. Spooner^a, E. Shaver^a, K. McGlumphy^b, **R.E. Hasson**. Cultural factors underlying physical activity in African American youth. Poster presentation at: The Obesity Society Annual Meeting at ObesityWeekSM 2016; Oct. 31-Nov. 4, 2016; New Orleans, LA. www.obesityweek.com.
- A22. M.R. Nagy^b, M.P. O'Sullivan^b, S.S. Block^b, T.R. Tooley^b, **R.E. Hasson**. Psychological responses to intermittent physical activity in elementary school-age children. *Med. Sci. Sports Exerc.* 48(5S):640, 2016.
- A21. M.P. O'Sullivan^b, M.R. Nagy^b, S.S. Block^b, T.R. Tooley^b, **R.E. Hasson**. Compensatory responses to intermittent physical activity in elementary school-age children. *Med. Sci. Sports Exerc.* 48(5S):374-5, 2016.
- A20. S.S. Block^b, T.R. Tooley^b, M.R. Nagy^b, M.P. O'Sullivan^b, **R.E. Hasson**. Cognitive responses to intermittent physical activity in elementary school-age children. *Med. Sci. Sports Exerc.* 48(5S):638, 2016.
- A19. **R.E. Hasson**, Y.J. Hsu, J.N. Davis, M.I. Goran, D. Spruijt-Metz. Sociocultural influences on physical activity and diet in overweight/obese African-American and Latino youth. *Med. Sci. Sports Exerc.* 45(5S):612-614, 2013.
- A18. **R.E. Hasson**, S. Mahurkar, T.C. Adam, J.A. Pearson, C.M. Toledo-Corral, Y.J. Hsu, J. N. Davis, D. Spruijt-Metz, M.I. Goran. Social position, sociocultural orientation and cancer risk in obese African-American and Latino adolescents. *Psychosom. Med.* 74(3):A802, 2012.
- A17. **R.E. Hasson**, T.C. Adam, J.N. Davis, R.M. Watanabe, M.I. Goran. Compensatory responses to insulin resistance in obese African American and Latino adolescents. *Obesity (Silver Springs)* 19, S1:2-OR, 2011.
- A16. J.N. Davis, E.E Ventura, A. Tung, M. Munevar, **R.E. Hasson**, C. Byrd-Williams, D. Spruijt-Metz, M. Weigensberg, M.I. Goran. The effects of an 8-month maintenance

- nutrition and strength training intervention on type 2 diabetes risk factors in overweight Latino and African American adolescents. *Obesity (Silver Springs)* 17, S2:257-P, 2010.
- A15. T.C. Adam, **R.E. Hasson**, D. Spruijt-Metz, M.J. Weigensberg, M.I. Goran. Fasting indicators of insulin sensitivity: effects of ethnicity and tanner stage. *Obesity (Silver Springs)* 17, S2:186-P, 2010.
- A14. **R.E. Hasson**, T.C. Adam, J.N. Davis, L.A. Kelly, E.E. Ventura, C.E. Byrd-Williams, C. Roberts, C.J. Lane, S. Azen, C. Chou, M.J. Weigensberg, D. Spruijt-Metz, K. Berhane, M.I. Goran. Incremental affects of a nutrition and strength training intervention on insulin sensitivity and adiposity in obese African American and Latino adolescents. *Obesity (Silver Springs)* 17, Supplement 2:244-P, 2010.
- A13. **R.E. Hasson**, T.C. Adam, J.N. Davis, C.J. Lane, E.E. Ventura, D. Spruijt-Metz, M.J. Weigensberg, C.K. Roberts, M.I. Goran. Randomized control trial to improve adiposity and insulin resistance in African American and Latino adolescents. *Med. Sci. Sports Exerc.* 42(5):806, 2010.
- A12. **R.E. Hasson**, K. Granados, D.X. Marquez, G.G. Bennett, P.S. Freedson, B. Braun. Do psychosocial responses to acute exercise explain ethnic/racial differences in physical activity adherence? *Obesity (Silver Springs)* 17, S2:894-P, 2009.
- A11. **R.E. Hasson**, T. Adam, C.J. Lane, M.I. Goran. Ethnic differences in insulin sensitivity in African American and Latino adolescents. *Obesity (Silver Springs)* 17, S2:573-P, 2009.
- A10. C.E. Byrd-Williams, J.N. Davis, D. Spruijt-Metz, B.R. Belcher, **R.E. Hasson**, E.E. Ventura, C.M. Toledo-Corral, J.Q. Fisher, M.I. Goran. Higher physical activity is associated with a lower accumulation of hepatic fat in overweight African American adolescents, but not their Latino counterparts. *Obesity (Silver Springs)* 17, S2: 296-P, 2009.
- A9. **R.E. Hasson**, K. Granados, S. Chipkin, P.S. Freedson, B. Braun. Effects of acute exercise on insulin sensitivity in non-Hispanic blacks and whites. *Med. Sci. Sports Exerc.* 41(5):156, 2009.
- A8. **R.E. Hasson**, P.S. Freedson, B. Braun. Utilization of continuous glucose monitoring in normoglycemic, insulin resistant women. *Med. Sci. Sports Exerc.* 39(5):S22, 2007.
- A7. B.L. Jones, C.A. Howe, J.M. Haller, **R.E. Hasson**, P.S. Freedson. Validity of resting metabolic rate prediction equations in normal, overweight, and obese adults. *Med. Sci. Sports Exerc.* 39(5):S385, 2007.
- A6. **R.E. Hasson**, J.M. Haller, J. Staudenmayer, M. Sheih, P.S. Freedson. Estimation of energy expenditure using a dual sensor accelerometer-based pedometer. *Med. Sci. Sports Exerc.* 38(5):S561, 2006.
- A5. **R.E. Hasson**, D.M. Pober, P.S. Freedson. Validation of a new pedometer during running and walking. *Med. Sci. Sports Exerc.* 36(5):S31, 2004.
- A4. D.E. Roberts, R. Williams, M.S. Fragala, S.J. Praguski, **R.E. Hasson**, D.M. Pober, P.S. Freedson. A new 3-D accelerometer to assess physical activity in 2-5 year-old children. *Med. Sci. Sports Exerc.* 36(5):S197, 2004.

- A3. L. Chasen-Taber, M.D. Schmidt, D.E. Roberts, M.S. Fragala, **R.E. Hasson**, S.R. Praguski, P.S. Freedson. Validity and reproducibility of the Kaiser Physical Activity Survey in pregnant women. *Med. Sci. Sports Exerc.* 36(5):S112, 2003.
- A2. D.E. Roberts, M.S. Fragala, S.J. Praguski, **R.E. Hasson**, M. Schmidt, L. Chasen-Taber, P.S. Freedson. Physical activity during pregnancy measured with the MTI Actigraph. *Med. Sci. Sports Exerc.* 35(5):S286, 2003.
- A1. M. Schmidt, D.E. Roberts, M.S. Fragala, **R.E. Hasson**, S.R. Praguski, P.S. Freedson, L. Chasen-Taber. Validity and reproducibility of a physical activity questionnaire in pregnant women. *Med. Sci. Sports Exerc.* 35(5):S190, 2003.

CONFERENCE PRESENTATIONS (since 2012)

- C13. **R.E. Hasson**. Implementation of physical activity programs to promote health equity. Symposium speaker at: 12th Annual Conference on the Science of Dissemination and Implementation in Health; December 4-6, 2019; Arlington, VA.
- C12. **R.E. Hasson**. Innovative approaches to school health. Symposium speaker at: 2019 National Network of Public Health Institutes annual meeting; May 20-22, 2019; Washington, D.C.
- C11. **R.E. Hasson**. Measuring physical activity and screen time: ongoing challenges and new solutions. Invited Symposium co-chair at The Obesity Society Annual Meeting at ObesityWeekSM 2017; Oct. 29-Nov. 2, 2017; Washington, DC. www.obesityweek.com.
- C10. **R.E. Hasson**. Interrupting Prolonged Sitting with Activity (INPACT): a classroom-based physical activity intervention. Symposium speaker at: Michigan School Health Coordinators' Association 2017 Connecting with Kids Through School Health Conference; June 26-27, 2017; Boyne Mountain, MI.
- C9. **R.E. Hasson**. Weaving diversity education into kinesiology curriculum. Symposium speaker at: American College of Sports Medicine's 64th Annual Meeting and 8th World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise and the Brain; May 30-June 3, 2017; Denver, CO.
- C8. **R.E. Hasson**. Feasibility of interrupting prolonged sitting with activity to enhance movement and learning in the classroom: preliminary results from the InPACT project. Poster presentation at: Active Living Research Conference; Feb. 26-Mar. 1, 2017; Clearwater, FL.
- C7. **R.E. Hasson**. Interrupting prolonged sitting with activity (InPACT): a classroom-based physical activity program. Symposium speaker at: Society of Health and Physical Educators Michigan 120th Annual Convention, Oct. 6-8, 2016; Mackinaw Island, MI.
- C6. **R.E. Hasson**. Understanding chronic stress: impact on physical activity behaviors and exercise. Symposium chair and speaker at: American College of Sports Medicine's 63rd Annual Meeting and 7th World Congress on Exercise is Medicine® and World Congress on the Basic Science of Energy Balance; May 31-June 3, 2016; Boston, MA.
- C5. **R.E. Hasson**. Help communities soar toward physical activity, healthy lifestyles, and health equity. Tutorial lecturer at: American College of Sports Medicine's 62nd Annual

- Meeting and 6th World Congress on Exercise is Medicine® and World Congress on Basic Science of Exercise Fatigue; May 26-30, 2015; San Diego, CA.
- C4. **R.E. Hasson.** Active classroom. Symposium speaker at: University of Michigan MCubed Symposium, Oct 9, 2014; Ann Arbor, MI.
 - C3. **R.E. Hasson.** Too little exercise, too much sitting: interventions for multiethnic populations. Tutorial lecturer at: American College of Sports Medicine's 61st Annual Meeting, 5th World Congress on Exercise is Medicine® and World Congress on the Role of Inflammation in Exercise, Health and Disease; May 27-31, 2014; Orlando, FL.
 - C2. **R.E. Hasson.** Psychological acculturation and cancer-related metabolic risk factors in overweight/obese Latino youth. Symposium speaker at: American Public Health Association 140th Annual Meeting and Exposition; Oct. 27-31, 2012; San Francisco, CA.
 - C1. **R.E. Hasson.** Household social position, socio-cultural orientation and diabetes risk in obese African-American youth. Symposium speaker at: American Public Health Association 140th Annual Meeting and Exposition, Oct. 27-31, 2012; San Francisco, CA.

INTERNATIONAL PRESENTATIONS (since 2012)

- C2. **R.E. Hasson.** Millennium development goals (MDGs). Symposium moderator at: 13th World Congress on Public Health, Apr. 23-27, 2012; Addis Ababa, Ethiopia.
- C1. **R.E. Hasson.** Social position, sociocultural orientation and cancer risk in obese African-American and Latino adolescents. Poster presentation at: American Psychosomatic Society 70th Annual Scientific Meeting; Mar. 14-17, 2012; Athens, Greece.

INVITED TALKS (since 2012)

- I23. *"Environmental determinants that contribute to racial/ethnic disparities in obesity-related metabolic risk factors"*. Invited speaker for "How do we confront disparities in obesity treatment" symposium at the Endocrine Society Annual Meeting (ENDO2020), March 28-31, 2020, San Francisco, CA. Conference canceled.
- I22. *"Moving towards equity-reaching every student through physical activity and physical education in schools"*. Invited teacher for Springboard to Active Schools Online Learning Institute; February 6, 2020: webinar.
- I21. *"Making the case for equity in classroom-based physical activity interventions"*. Invited webinar speaker for the Nutrition and Obesity Policy Research and Evaluation Network (NOPREN)/ Physical Activity Policy Research Network Plus (PAPRN+) School Wellness Working Group December call; December 10, 2019.
- I20. *"Physical activity and children"*. Invited panelist at the 2019 Exercise & Sport Science Initiative Symposium; November 14, 2019; Ann Arbor, MI.
- I19. *"Research Translation & Implementation- What has to happen for research that has been published to actually reach and benefit black communities?"*. Invited speaker at: Inaugural Council on Black Health workshop; August 8, 2019; Philadelphia, PA.

- I18. *"Using insights from behavioral economics to address physical activity disparities"*. Invited public lecturer at Iowa State University Department of Kinesiology; March 27, 2019; Ames, IA.
- I17. *"Changing the 'School of Thought' on metabolic health in children by creating an ACTIVE Classroom"*. Invited Symposium speaker at: The 78th American Diabetes Association Scientific Sessions; June 22-26, 2018; Orlando, FL.
- I16. *"Child health disparities"*. Invited Symposium speaker at: 76th American Psychosomatic Society Annual Scientific Meeting; March 7-10, 2018; Louisville, KY.
- I15. *"Exercise interventions that work: a recent history of effective exercise prescription"*. Invited presenter for: Osteoarthritis Action Alliance (OAAA) Lunch and Learn; Nov. 15, 2017; webinar: https://www.youtube.com/watch?time_continue=3&v=BSkxD-01goE.
- I14. *"Beyond energy expenditure: The role of musculoskeletal health in prescribing exercise to children with obesity"*. Invited presenter at The Obesity Society Annual Meeting; Oct. 29-Nov. 2, 2017; Washington, DC.
- I13. *"Measuring physical activity and screen time: Ongoing Challenges and New Solutions"*. Invited Symposium Co-Chair at The Obesity Society Annual Meeting; Oct. 29-Nov. 2, 2017; Washington, DC.
- I12. *"Physical activity and exercise as stress resiliency"*. Invited Symposium speaker at: Canadian Society for Exercise Physiology General Meeting Oct. 25-28, 2017; Winnipeg, Manitoba.
- I11. *"Exploring new directions in nutrition and physical activity research"*. Invited speaker at: 7th African American Collaborative Obesity Research Network National Workshop, Aug. 17-19, 2016; Philadelphia, PA.
- I10. *"Re-engineering physical activity back into the school day"*. Invited speaker at: University of Texas at Austin Department of Nutritional Sciences Seminar Series; Feb. 5, 2016; Austin, TX.
- I9. *"Active Class Space: an environmental approach to combating childhood obesity"*. Colorado State University Department of Health and Exercise Science Seminar Series, October 23, 2015; Fort Collins, CO.
- I8. *"Environmental strategies to reduce pediatric obesity disparities"*. University of Alabama Nutrition Obesity Research Center Seminar Series, Apr. 21, 2015; Birmingham, AL.
- I7. *"#PEdidThat"*. Keynote speaker at: 21st Annual Physical Education Workshop, Dec. 5, 2014; Ann Arbor, MI.
- I6. *"Sport and well-being"*. Invited speaker at: Values of College Sport Conference, Nov. 15, 2014, Ann Arbor, MI.
- I5. *"Physical activity and disease patterning in children and adolescents: Implications for pediatric disability research"*. Keynote speaker at: 12th North American Federation of Adapted Physical Activity Symposium, Oct. 18th, 2014; Ann Arbor, MI.
- I4. *"Impact of culture on individual health behavior"*. Invited speaker at: 33rd Annual Wellness in the Workplace Conference; Sept. 24, 2014; Ann Arbor, MI.

- I3. *"Conceptualizing pediatric obesity disparities: a role for psychosocial stress"*. Invited speaker at: Michigan Metabolomics and Obesity Center Symposium; October 16, 2013, Ann Arbor, MI.
- I2. *"Socioeconomic and sociocultural influences on type 2 diabetes risk in Latino youth"* Invited speaker at: University of California San Francisco Center on Social Disparities in Health Seminar Series; April 18, 2012; San Francisco, CA.
- I1. *"Psychosocial stress and cancer-related metabolic risk factors"* University of California Berkeley/San Francisco Robert Wood Johnson Health and Society Scholars Program Seminar Series; Feb. 16, 2012; San Francisco, CA.

MEDIA

- M24. Michigan News. "Overweight kids actually eat less right after stressful events". Story by Laura Bailey, September 3, 2019.
- M23. Michigan Impact. "Thinking on their feet: In-class exercise helps fight childhood obesity while kids learn" Story by Laura Bailey, December 5, 2018. Article was reprinted in the University of Michigan School of Public Health Findings Interdisciplinary issue on Spring 2019.
- M22. Everyday Health. "Can being stressed cause type 2 diabetes?" Online article by Kate Ruder, October 16, 2018.
- M21. EurekAlert! "Racial discrimination linked to higher risk of chronic illness in African-American women", October 8, 2018.
- M20. Michigan News. "New school of thought: In-class physical exercise won't disrupt learning, teaching." Story by Laura Bailey, September 17, 2018.
- M21. Michigan News. "Aging: the natural stress reliever for many women." Story by Laura Bailey, April 24, 2018.
- M19. Diabetes Forecast. *"Race revisited: minorities are at a greater risk for type 2 diabetes. Here's why."* Article by Andrew Curry. November/December 2017.
- M18. Michigan News. *"Least healthy kids hurt most by relaxed school nutrition standards."* Story by Laura Bailey, May 9, 2017. <https://www.youtube.com/watch?v=LSf2qCy6PNU>
- M17. MedPage Today. *"Sports med group: providers should help patients be more physically active."* Story by Ryan Basen, Mar. 23, 2017. Article was reprinted on patientcareonline.com on April 20, 2017
- M16. University of Michigan Undergraduate Admissions. *"1 in 6 children is obese. Kinesiology students are working to change that."* Story by Don Jordan, Feb. 9, 2017.
- M15. BTN Big10 Network. *"Michigan researchers make an 'InPACT' through activity: BTN LiveBIG."* Story by John Tolley, Jan. 15, 2017. <https://www.youtube.com/watch?v=OI8m22FJzh8>
- M14. National Public Radio (NPR). *"How to stop sitting down from dragging down your health."* Interview with Cynthia Canty, Aug. 17, 2016. <http://michiganradio.org/post/how-stop-sitting-down-dragging-down-your-health>

- M13. HealthDay. *"Stressed out . . . get moving!"* Story by Physician's Briefing, Jun. 6, 2016.
- M12. Diabetes Forecast. *"The connection between stress and type 2 diabetes: could the body's natural reaction to stress play a role in type 2 diabetes risk?"* Story by Andrew Curry, Mar. 1, 2016.
- M11. MiSciWriters. *"Should auld classrooms be forgot? Reshaping the classroom to fight childhood obesity."* Story by Alison Ludzski, Jan. 12, 2016.
- M10. U.S. Health Alerts. *"How stress and environment may play a role in developing diabetes."* Story by Patrick Mansfield, Jan. 7, 2016.
- M9. Nautilus. *"Why living in a poor neighborhood can make you fat: The sheer stress of an environment contributes to obesity and diabetes."* Magazine article by Andrew Curry, Dec. 17, 2015.
- M8. Savvy Auntie. *"Is the 'Active Classroom' a solution for childhood obesity?"* Story by Katie Harrison, Oct. 13, 2015.
- M7. Michigan Daily. *"Researchers aim to get children moving in the classroom."* News brief by Emma Kinery, Oct. 6, 2015.
- M6. Michigan News. *"Battling obesity in the classroom with exercise."* Story by Laura Bailey, Oct. 5, 2015. <https://www.youtube.com/watch?v=GH896Ev3ONk>
- M5. PRNewswire. *"Prince Hall Shriners present \$100,000 donation to the American Diabetes Association to further research for and increase awareness of diabetes in the African American community."* Story by American Diabetes Association, Sept. 23, 2015.
- M4. MCubed. *"MCubed jumpstarts early faculty careers: Part I."* Story by MCubed team, Aug. 17, 2015.
- M3. Ambassador. *"Food for thought: panelists discuss promoting healthy living across Michigan."* Magazine article by J. Nadir Omowale, Jun. 2015 issue.
- M2. Med News Today. *"Poor nutrition combined with higher stress increases diabetes risk in African-Americans."* Adapted news release, Aug. 28, 2013.
- M1. Michigan News. *"Adapting to mainstream lowers diabetes risk in African-Americans."* Story by Laura Bailey, Aug. 26, 2013.

GRANT FUNDING

Current - Extramural

R25AT010664

(Mezuk, PI)

12/06/2019 – 11/30/2023

OBSSR/NIH/NCCIH

"Summer training program in integrative methods for mental and physical health". The overarching goal of this program is to provide state-of-the-art, interdisciplinary training to enhance the methodological skills of early-career scientists interested in investigating the intersection of mental and physical health.

Role: Mentor, \$863,983

R01HL137731

(Colabianchi, PI)

9/1/2017 – 6/30/2021

NIH/NHLBI

“The effect of built and social environments on childhood obesity and racial/ethnic disparities in the national Healthy Communities Study”. The proposed research will expand the Healthy Communities Study (HCS) by examining the effects of the built and social environment (BSE) on childhood obesity. Specifically, we will obtain data on a broad range of current and historical BSE characteristics of the HCS communities (i.e., food availability, park availability, food prices, physical activity facilities, land use, street connectivity, and crime) and then spatially link these data to HCS participants living in 130 geographically and racially diverse communities.

Role: Co-Investigator, \$3,337,002

Current – Intramural

University of Michigan

(Hasson, PI)

5/1/2019-4/30/2020

Center for Educational Outreach Faculty Structured Outreach Support Fellowship

“Using technology to increase the reach of the InPACT program”. The goal of this proposal is to develop teacher training videos to expand the reach of the InPACT classroom-based physical activity intervention to schools across the state of Michigan.

Role: PI, \$8,000

University of Michigan

(Hasson, PI)

1/11/2018-1/10/2021

School of Kinesiology

“Classroom-based strategies to reduce physical activity disparities among ethnic minority children with asthma”; We propose a feasibility study where nine 3rd-6th grade teachers at Munger Elementary-Middle School in Detroit, MI will implement InPACT, our classroom-based physical activity intervention, over a 20-week period and exercise tolerance will be monitored in children with asthma.

Role: PI, \$8,750

Under Review – Intramural

Nutrition & Healthy Lifestyles Grant (PI: Hasson)

9/1/2020-8/31/2021

Michigan Health Endowment Fund

“Building community coalitions to maximize the reach of the InPACT program in Michigan schools”; The goal of this project is to conduct the foundational work needed to effectively integrate InPACT, an evidence-based physical activity program into schools, and create a path for system-wide, sustainable change in physical activity levels among elementary school-age children.

Role, PI: \$198,000

U24-RFA-AT-20-003

(PI: Miller)

9/1/2020-8/31/2024

NIH/NICHD

“Network on Emotional Well Being and Health in Children and Youth”; The primary goals of the proposed network are to build a shared scientific agenda to conceptualize and systematically measure emotional well-being (EWB) at different developmental periods to: 1) increase our understanding of how specific EWB mechanisms relate to health; and 2) help

identify novel targets for interventions to improve EWB outcomes in youth, thus catalyzing the next stage of EWB science.

Role, Co-I: \$2,526,324

Prior Support – Extramural

~\$613,383 total

ADA 7-13-JF-24

(Hasson, PI)

01/01/2014 – 12/31/2018

American Diabetes Association

“Ethnic differences in chronic stress: implications for type 2 diabetes risk”; The goals of this project are to examine the relationships between cortisol responses, insulin resistance and pancreatic beta-cell function in obese African-American, Latino and non-Latino white youth.

Role: PI, \$425,012

Products: A42, A43, C6, J42, M5, M9, M10, M12, M13, M19, M22

F31HD079227

(Pitchford, PI)

09/01/2014 – 08/31/2016

NIH/NICHD

“Cortisol regulation during exercise and obesity in adolescents with Down syndrome”; This training grant provided funding to examine the neuroendocrine and physiological factors that contribute to health disparities and obesity among youth with Down syndrome.

Role: Consultant, \$66,702

Products: J24, J38

NIH Loan repayment program

(Hasson, PI)

07/01/2013 – 06/30/2015

NIH/NCMHD

“Culture and context: implications for type 2 diabetes risk in African-American youth”; The goals of this project were to examine the role of culture as a biopsychosocial mechanism through which chronic stress affects type 2 diabetes risk in African-American youth.

Role: PI, \$15,217

Products: A8, A18, A19, J13, J19, M1, M2

NIH Loan repayment program

(Hasson, PI)

07/01/2010 – 06/30/2012

NIH/NCMHD

“Ethnic differences in obesity-related disease outcomes”; The goals of this project were to assess ethnic differences in body fat distribution, insulin resistance, insulin-like growth factors and binding proteins, inflammatory markers and oxidative stress in obese African American and Latino children during the critical period of adolescent growth.

Role: PI, \$11,895

Products: J11, J12, J14, J15, A17

3U54CA116848-05S3

(Goran, PI)

03/01/2009 – 8/31/2010

NIH/NCI

“Obesity-related metabolic risk for cancer in minority youth”; This diversity supplement provided postdoctoral funding to examine ethnic differences in cancer-related metabolic risk factors and the role that strength training plays in improving these metabolic risk factors.

Role: Training fellow, \$89,557

Products: A10, A11, A13, A14, A15, A16, B1, J4, J6, J7, J8

Doctoral Research Grant (Hasson, PI) 06/01/2008 – 5/31/2009
 American College of Sports Medicine
“Ethnic/racial disparities in how physical activity mediates insulin resistance”; The goal of this project was to compare the metabolic responses to a single bout of exercise in blacks and age/gender/BMI-matched whites.
 Role: PI, \$5000
Products: A9, A12, J5, J10

Prior Support – Intramural ~\$441,956 total
 University of Michigan (Lewis, PI) 10/22/2015 – 8/31/2018
 Michigan MCubed Seed Funding Program
“Promoting physical activity among children with and without asthma in Detroit and Dearborn”; The goals of this project are to pilot test an intervention to promote increased physical activity for elementary school aged children in Detroit and Dearborn during the afterschool and weekend time period. We will adapt known strategies for promoting activity in children for children with asthma, so that all children can participate in these programs.
 Role: Co-Investigator, \$60,000
Products: A39, A40, C13, C12, J39, M23

University of Michigan (Curry, PI) 11/22/2013 - 5/31/2018
 School of Public Health Momentum Center
“Active Class Space”; The goals of this project are three-fold: (1) examine the acute metabolic, cognitive and psychological responses to intermittent activity in children; (2) examine the effect of exercise intensity on these outcomes; and (3) to test the feasibility of implementing 10, 3-minute moderate-to-vigorous physical activity breaks throughout the school day in 20 classrooms across the state of Michigan.
 Role: Co-Investigator, \$200,000
Products: A20, A21, A22, A23, A33, A34, C3, C4, C7, C8, C10, C11, C12, C15, C16, C20, J21, J20, J23, J25, J32, J43, M4, M6, M7, M8, M11, M14, M15, M18, M20, P1

University of Michigan (Hasson, PI) 05/01/2013-05/31/2017
 Michigan Metabolomics & Obesity Center
“Stress-induced eating behavior: implications for pediatric obesity disparities in Latino and African-American youth”; The goal of this study was to examine the glucocorticoid and behavioral responses to a psychological stressor in obese Latino, African-American, and non-Latino white adolescents.
 Role: PI, \$50,000
Products: A36, A37, A44, J37, M13, M24

University of Michigan (Hasson, PI) 01/01/2014 -12/31/2015
 Michigan Office of Vice Provost for Research
“Cultural factors underlying obesity in African-American and Latino-American adolescents”; The goals of this project were to examine the relationships between cultural identity and identity-based motivation, physical activity, diet and obesity risk in African-American and Latino-American adolescents.
 Role: PI, \$30,000

Products: A24, A23, A25, A28, A29, A32, J26, J29, J22, J31, J33, J36, M18

University of Michigan (Vance, PI) 06/15/2014 – 03/11/2015
 Taubman College of Architecture “Drop, Kick, Push, Pull”; The goal of this project was to investigate the flexible resonance of polymer materials by embedding sensors that react to pressure and displacement in furnishing and surfaces to better address issues of sedentary body positions in institutional settings.
 Role: Co-I, \$20,000
Products: P1

University of Michigan (Curry, PI) 05/24/2013 – 12/31/2015
 Michigan MCubed Seed Funding Program
 “Active classroom”; The goals of this project were to 1) to conduct a baseline metabolic benefits study and cognitive benefits study of the typical classroom, 2) utilize accepted research methods to measure physical activity of students, and 3) produce design solutions that seek to achieve the goals of creating a more “responsive” classroom environment that promotes physical activity alongside other progressive policies that promote cognitive and intellectual growth in students.
 Role: Co-Investigator, \$60,000
Products: A20, A21, A22, A23, A33, A34, C3, C4, C7, C8, C10, C11, C12, C15, C16, C20, J21, J20, J23, J25, J32, M4, M6, M7, M8, M11, M14, M15, M18, P1

University of California San Francisco (Hasson, Pearson, Co-PIs) 10/04/2011 – 8/31/2012
 Robert Wood Johnson Foundation
 “Do social factors contribute to increased cancer risk in African-American youth?”; The goals of this program were to examine the direct relationships between household social position, socio-cultural orientation, IGF-1, IGFBP-1, and IGFBP-3; and quantified the cumulative contribution of social, behavioral, and biological factors to the variability in IGF-1.
 Role: Co-PI, \$15,931
Products: B1

University of Massachusetts (Braun, Hasson, Alhassan, Co-PIs) 09/01/2008 – 12/31/2008
 Office of the Provost
 “Weaving diversity education into kinesiology curriculum”; The goals of this project were to develop teaching curricula that more fully integrated diversity education into the kinesiology major in both introductory and upper-level classes.
 Role: Co-PI; \$6,025
Products: C9

Student Fellowships/Awards

~\$245,150 total

Lexie Beemer 2019, Federation of American Societies for Experimental Biology (FASEB) Mentored Poster/Platform Presenter Award, \$1500
 2018, Kinesiology Travel Award, University of Michigan, \$800
 2018-2019, Rackham Merit Fellowship, University of Michigan, \$67,000
 2017-2018, Donald R. Shephard Senior Scholar Award, \$10,000

Tiwaloluwa Ajibewa	2020, Rackham Travel Award, \$800
	2019, Rackham Graduate Student Research Grant, \$3000
	2019, Zatkoff Family Graduate Fellowship, \$6,000
	2019, Federation of American Societies for Experimental Biology (FASEB) Mentored Poster/Platform Presenter Award, \$1500
	2019, Rackham Graduate Student Instructor Award, University of Michigan, \$1000
	2019, Shirley Cooper International Travel Award, \$500
	2018, Kinesiology Travel Award, University of Michigan, \$800
	2018, Zatkoff Family Graduate Fellowship, \$3,000
	2018, Momentum Center Summer Internship, \$4,000
	2016-2017, Rackham Merit Fellowship, University of Michigan, \$67,000
	2017, Federation of American Societies for Experimental Biology (FASEB) Mentored Poster/Platform Presenter Award, \$1200
	2017, University of Michigan School of Kinesiology Graduate Travel Award, \$800
	2017, University of Michigan Rackham Graduate School Travel Award, \$750
Erika Shaver	2016, University of Michigan Dow Sustainability Fellowship, \$20,000
	2015-2016, School of Public Health Dean's Scholarship, \$40,000
John Spooner	2015, Momentum Center Summer Research Internship, \$4000
Kristen Brown	2014, Rackham Graduate Student Research Grant, \$1500
Elizabeth Cotter	2014, School of Public Health Innovation in Action: Solutions to Real World Challenges Competition Winner, \$10,000

TEACHING

University of Michigan - Instructor

MVS 110	Biological and Behavioral Bases of Human Movement Movement Science (required) Exercise physiology module of undergraduate course introducing students to the area of exercise physiology (module taught three times each semester) Winter 2016 (83 students), Winter 2017 (103 students), Fall 2018 (126 students)
HF 451	Physical Activity Across the Lifespan Movement Science (elective) and Health & Fitness (required) Undergraduate course on the benefits of regular physical activity in infants, toddlers, children, adolescents, middle-age and aging adults. Winter 2014 (34 students), Fall 2014 (29 students), Fall 2015 (26 students), Fall 2016 (25 students), Fall 2017 (20 students), Fall 2018 (13 students)

- MVS 446** The Role of Social Factors in Shaping Physical Activity Behaviors, Movement Science (elective) and Health & Fitness (required)
Undergraduate course on the social patterning of physical activity
Fall 2012 (19 students), Winter 2013 (33 students), Fall 2013 (31 students), Winter 2015 (27 students), Winter 2016 (33 students), Winter 2017 (25 students), Winter (39 students in two sections)
- KIN 615** Philosophy of Science & Research in Kinesiology (required)
Graduate level course on research methods in physical activity. Winter 2019 (22 students), Fall 2019 (17 students)

Workshop Participation and Presentations

- Co-Facilitator, “Future Faculty: Academic Job Interviewing” workshop, September 11, 2019, Ann Arbor, MI.
- Presenter, “Changing the ‘School of Thought’ on childhood obesity by creating an ACTIVE classroom” UM3 Detroit, May 9, 2019, Detroit, MI.
- Facilitator, Interprofessional education in Action event, Oct. 17, 2018, Ann Arbor, MI.
- Presenter, “Engaging students in authentic research opportunities” Provost’s Seminar on Teaching, Mar. 10, 2015, Ann Arbor, MI.
- Presenter, “Teaching and Learning in Kinesiology” Spring Symposium, May 19, 2014, Ann Arbor, MI.

University of Massachusetts – Instructor of record

- KIN 470** Exercise Physiology, Kinesiology
Undergraduate lecture and lab course on the acute and chronic physiological adaptations to exercise stress
Summer 2007 (12 students)

University of Massachusetts – Teaching Assistant

- KIN 470** Exercise Physiology Laboratory, Kinesiology
Undergraduate lab course on the physiological adaptations to exercise stress
Fall 2001-Winter 2007

- KIN 270** Anatomy and Physiology I & II
Undergraduate lecture and lab course on the structure and function of cell, skeletal, muscular, and nervous systems in the human body
Fall 2005-Winter 2007

SERVICE

Journal Editorial Service, Editorial Board

- 2019- PLOS ONE Academic Editor

Ad hoc Reviewer

American Journal of Public Health
American Journal of Medicine
Applied Physiology, Nutrition, and Metabolism
BMC Public Health
BMC Research Note
BMC Women's Health
BMJ Open
Diabetes Care
Diabetologia
Ethnicity & Disease
Hormone Molecular Biology and Clinical Investigation
International Journal of Obesity
International Journal of Pediatric Obesity
Journal of Adolescent Health
Journal of Applied Physiology
Journal of Clinical Endocrinology & Metabolism

Journal of Physical Activity and Health
Journal of Science and Medicine in Sport
Medicine & Science in Sports & Exercise
Obesity (Silver Springs)
Pediatric Exercise Science
Pediatrics
Pediatric Obesity
Physiological Reports
Prevention Science
Psychoneuroendocrinology
Psychosomatic Medicine
Scientific Reports
Social Science & Medicine
Sport, Exercise, and Performance Psychology
Translational Journal of the American College of Sports Medicine
Trials Journal

National Recommendations/Review Service

2018 External Academic Program Review, University of Virginia, Department of Kinesiology at the Curry School of Education
 2017-2018 Contributor, Centers for Disease Control and Prevention Strategies for Classroom Physical Activity in Schools

Grant/County Survey Review Service

2017 University of British Columbia Canada Ad hoc Institutional Review Board Mitacs Accelerate Research Proposal Reviewer
 2014 School of Public Health Momentum Center Pilot and Feasibility Grant Program
 2014 Big-10 Committee on Institutional Cooperation (CIC) Health Disparities Initiative Proposal (Provostial appointment)
 2014 Washtenaw County Health Behavior Risk Factor Survey
 2012 Michigan Institute for Clinical and Health Research Pilot Grant Program

Abstract /Award Review Service

2016 Active Living Research Annual Conference
 2016 The Obesity Society's Annual Meeting
 2010 Annual Biomedical Research Conference for Minority Students
 2008 American College of Sports Medicine Diversity Ad-hoc Committee Leadership Development Program Applications

Professional Organizations

- 2019- Council on Black Health (Member)
- 2012- American Psychosomatic Society (Regular Member)
- 2010-2019 African American Collaborative Obesity Research Network (Member Affiliate)
- 2001- American College of Sports Medicine (Member & Fellow)

Conference Planning

- 2019 Scientific Co-Chair, Council on Black Health Inaugural meeting
- 2010-2011 Planning Committee, 3rd North American Congress of Epidemiology
- 2010 Co-Organizer, Association of Black Women in Higher Education National Conference
- 2006-2013 Co-Organizer, Society for the Analysis of African-American Public Health Issues Scientific Meeting
- 2006 Co-Organizer, University of Massachusetts Graduate Education and Career Development Initiative Symposium

Leadership Positions

- 2020- Governing Committee, Council on Black Health
- 2019- Board of Trustees, American College of Sports Medicine
- 2018-2019 Executive Team, Council on Black Health
- 2014- Chair, American College of Sports Medicine Strategic Health Initiative on Health Equity (Co-Chair, 2012-2014)
- 2010-2012 President, Society for the Analysis of African American Public Health Issues (President-Elect, 2008-2010; Secretary, 2006-2008; Executive Board of Directors, 2005-2006)
- 2010-2018 Member, American College of Sports Medicine Exercise Is Medicine™ Committee on Underserved Populations
- 2009-2013 Advisory Board, City Scholars Foundation®
- 2007-2019 Member, American College of Sports Medicine Diversity Committee
- 1998-2000 Member, University of Massachusetts Student Athlete Advisory Committee

Leadership Training

- 2019 Creating Climates Resistant to Sexual Harassment: A Toolkit for Academic Leaders (Dean recommendation)

School of Kinesiology, University of Michigan, Service

- 2019- Executive Committee, School of Kinesiology (Faculty Elected)
- 2018 Member, School of Kinesiology Tenure and Promotion Guidelines Review Committee (Program Chair appointment)

- 2018 Search Committee, Sports Management Program, University of Michigan
- 2016 Search Committee, Movement Science Program (Exercise Physiology), University of Michigan (Dean appointment)
- 2016 Director, Michigan Center for Exercise Research Seminar Series
- 2016 Curriculum Reform Committee, Health & Fitness, University of Michigan (Associate Dean appointment)
- 2016 Faculty Representative, Health Sciences Retreat, University of Michigan (Dean appointment)
- 2016 Kraus Design Work Group- Clinical Training and Group Exercise Committees (Dean appointment)
- 2014 Search Committee, Health & Fitness (Dean appointment)

School of Public Health, University of Michigan, Service

- 2019-2020 Graduate Admissions Committee, School of Public Health (Nutritional Sciences), University of Michigan (Chair appointment)
- 2015 Search Committee, School of Public Health (Nutritional Sciences), University of Michigan (Chair appointment)

School of Education, University of Michigan, Service

- 2019 Planning Committee, Detroit P-20 partnership, University of Michigan (Dean appointment)

University of Michigan, Service

- 2017 Search Committee, Center for Human Growth and Development, University of Michigan (Vice Provost appointment)

Outreach

- 2018 Faculty Mentor, American College of Sports Medicine Mentoring Women to Fellowship Program
- 2015 Faculty Mentor, Society for the Analysis of African-American Public Health Issues Mentoring and Professional Development Program
- 2013 Keynote Speaker, School of Kinesiology Rev. Dr. Martin Luther King Symposium, University of Michigan
- 2012 Faculty Mentor, Federation of American Societies for Experimental Biology-Minority Access to Research Careers Program
- 2011 Peer Mentor, Federation of American Societies for Experimental Biology-Minority Access to Research Careers Program
- 2010 Northern California Representative, Association of Black Women in Higher Education-Los Angeles Chapter

MENTORING EXPERIENCE

Doctoral Students (Chair)

1. Tiwaloluwa Ajibewa, Ph.D. candidate (University of Michigan School of Kinesiology)
2. Lexie Beemer, M.S. (University of Michigan School of Kinesiology)

Masters Students (Chair)

1. Lexie Beemer, M.S. (University of Michigan School of Kinesiology). *Feasibility of the InPACT intervention to enhance movement and learning in the classroom.*

Undergraduate Honors Thesis Students (Chair)

1. Matthew Nagy, B.S. (University of Michigan School of Kinesiology). *Affective responses to intermittent physical activity in normal weight and overweight/obese elementary school-age children.*
2. Jacob Wexler. (University of Michigan School of Kinesiology). *Community violence exposure and cortisol awakening responses in adolescents with overweight and obesity.*

Doctoral Student Dissertation Committee Member

1. Elizabeth Hedgeman, M.P.H. (University of Michigan School of Public Health), “*Perceived stress, insulin resistance, and the effects of physical activity*”. Presently Epidemiologist and Consultant at EpidStat Institute.
2. Leah Ketcheson, Ph.D. (University of Michigan School of Kinesiology), “*Motor skills and level of physical activity in young children with autism spectrum disorder*”. Presently Director of Adapted Physical Activity Community Services at Sunfield Center for Autism, ADHD and Behavioral Health.
3. Andrew Pitchford, Ph.D. (University of Michigan School of Kinesiology), “*Adiposity and cortisol regulation during daily living and exercise in adolescents with and without Down syndrome*”. Presently Assistant Professor at Iowa State University.
4. Neha Sheth, PharmD, Ph.D. (University of Michigan School of Public Health), “*Investigation of the relationship of statin medication use, fasting blood glucose levels and non-insulin dependent diabetes mellitus*”. Presently Executive Director of Global Benefit | Risk – Risk Management at Astellas Pharma.

Doctoral Student Comprehensive Exam Committee Member

1. Katherine Andrews, M.S. (University of Michigan School of Kinesiology)

Doctoral Student Guidance Committee Member

1. Erica Twardzik, M.S. (University of Michigan School of Kinesiology)
2. Matthew Stewart, M.S. (University of Michigan School of Kinesiology)
3. Katherine Andrews, M.S. (University of Michigan School of Kinesiology)

Masters Student Thesis Committee Member

1. Alison Crew, M.S. (University of Michigan School of Kinesiology). *Determining the relationship between concussion and socioeconomic status.*
2. Megan Zhou, M.S. (University of Michigan School of Public Health). *Examining the association between dietary quality and allostatic load in vulnerable populations.*

Trainee Awards for Excellence

- 2019 Tiwaloluwa Ajibewa, M.S. University of Michigan Engaged Pedagogy Initiative: Community-Based Learning Graduate Training Program Recipient
- 2019 Tiwaloluwa Ajibewa, M.S. University of Michigan Rackham Outstanding Graduate Student Instructor Award
- 2018 Tiwaloluwa Ajibewa, M.S. School of Kinesiology Excellence in Teaching Award
- 2018 Lexie Beemer, M.S. American Kinesiology Association Master's Scholar Award
- 2017 Matthew Nagy, B.S. Honorable Mention, University of Michigan, School of Public Health, Health Behavior Health Education Internship poster session.
- 2017 Matthew Nagy, American Kinesiology Association Undergraduate Scholar Award
- 2016 Erika Shaver, B.S., Top 10 Poster Winner for the Biobehavioral Research Section of the Obesity Society
- 2015 Shannon Block and Candice Miller, Blue Ribbon Winners, University of Michigan Undergraduate Research Opportunities Program Spring Symposium

Student Mentoring***Doctoral Research Laboratory Rotations***

Megan Zhou	Nutritional Sciences	2019
Katherine Andrews	Kinesiology	2018
Vivienne Hazzard	Nutritional Sciences	2015
Edward Pitchford	Kinesiology	2013

Master's Student Researchers

Shreya Bahl	Kinesiology	2018
Lexie Beemer	Kinesiology	2016-
Elizabeth Cotter	Nutritional Sciences	2013-2014
Paige Kyle	Nutritional Sciences	2012-2014
Matthew Nagy	Health Behavior & Health Education	2017-2018
Erika Shaver	Nutritional Sciences	2015-2017
John Spooner	Kinesiology	2014-2015

Undergraduate Student Researchers

Tessa Adam	BCN	2013-2017
Isabella Aviles	LSA	2019-2020
Gabrielle Blenden	Kinesiology	2014-2015
Shannon Block	Statistics	2014-2016
Kelsey Burke	Kinesiology	2019-2020
Maysa Damen	Public Health	2016-2020

Haven Essien	LSA	2018-2019
Amaanat Gill	Kinesiology	2013-2017
Julia Gerras	Kinesiology	2016-2017
Kamala Kanneganti	Neuroscience	2015-2017
Ryan Lawson	LSA	2019-2020
Lauren Mazin	Kinesiology	2014-2016
Kellye McGlumphy	Kinesiology	2014-2018
Matthew Nagy	Kinesiology	2013-2017
Ehab Nazzal	Microbiology	2015-2016
Devin Nelson	Kinesiology	2016-2017
Sarah Norris	Kinesiology	2013-2014
Molly O'Sullivan	Kinesiology	2013-2017
Amanda Tobin	Kinesiology	2015-2016
Kandice Schifko	Kinesiology	2013-2014
Anna Schwartz	Kinesiology	2019-
Sunny Xu	Microbiology	2016-2017
Emma Weston	LSA	2016-2019
Jacob Wexler	Kinesiology	2018-2020