

**REBECCA E. HASSON, PhD, FACSM**

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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***

- 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

<sup>a</sup> Graduate student, <sup>b</sup> Undergraduate student

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

### ***Published***

- J31. E. Shaver<sup>a</sup>, K. McGlumphy<sup>b</sup>, A. Gill<sup>b</sup>, **R.E. Hasson**. Application of the Transtheoretical Model to physical activity and exercise behaviors in African American adolescents. In press at *Am J Health Behav*, 2018.
- J30. A.M. Nuru-Jeter, 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<sup>a</sup>, T.A. Ajibewa<sup>a</sup>, M.P. O'Sullivan<sup>b</sup>, M.R. Nagy<sup>b</sup>, 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. *TJACSM*, 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<sup>b</sup>, A.K. Gill<sup>b</sup>, E.R. Shaver<sup>a</sup>, **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<sup>b</sup>, T.R. Tooley<sup>b</sup>, M.R. Nagy<sup>b</sup>, M.P. O'Sullivan<sup>b</sup>, 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<sup>a</sup>, M.P. O'Sullivan<sup>b</sup>, M.R. Nagy<sup>b</sup>, S.S. Block<sup>b</sup>, 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<sup>b</sup>, J. Gerras<sup>b</sup>, K.C. McGlumphy<sup>b</sup>, E. Shaver<sup>a</sup>, A.K. Gill<sup>b</sup>, K. Kanneganti<sup>b</sup>, T.A. Ajibewa<sup>a</sup>, **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<sup>b</sup>, S.S. Block<sup>b</sup>, T.R. Tooley<sup>b</sup>, M.P. O'Sullivan<sup>b</sup>, 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<sup>b</sup>, M.R. Nagy<sup>b</sup>, S.S. Block<sup>b</sup>, T.R. Tooley<sup>b</sup>, 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- $\kappa$ 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. E.A. Pitchford, **R.E. Hasson**, J.E. Hornyak, J.C. Lumeng, K.E. Peterson, D.A. Ulrich. Diurnal cortisol, obesity, and physical activity in adolescents with and without Down syndrome. Under revision at *Journal of Intellectual Disability Research*, 2017.
2. E. Weston<sup>b</sup>, M.R. Nagy<sup>a</sup>, T.A. Ajibewa<sup>a</sup>, M.P. O'Sullivan<sup>b</sup>, S.S. Block<sup>b</sup>, **R.E. Hasson**. Acute effects of interrupting prolonged sitting with intermittent physical activity on blood pressure in preadolescent children. Under revision at *Pediatr. Exerc. Sci.*, 2018.
3. 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 exposure assessment with hypertension and depression among midlife African American women. Under revision at *Journal of Epidemiology & Community Health*, 2018.
4. M.R. Nagy<sup>a</sup>, K.C. McGlumphy<sup>b</sup>, R. Dopp, T.C. Lewis, **R.E. Hasson**. Asthma history predicts BMI in African American youth irrespective of diet or physical activity. Under revision at *J. Asthma*, 2018.
5. 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. Under revision at *Annals of Epidemiology*, 2018.

**MANUSCRIPTS UNDER REVIEW**

1. L. Allport, M. Song, C. Leung, K.C. McGlumphy<sup>b</sup>, **R.E. Hasson**. Influence of parent stress on adolescent obesity in African American youth. Under review at *Child Obesity*, 2018.
2. M.R. Nagy<sup>a</sup>, A.K. Gill<sup>b</sup>, T.E. Adams<sup>b</sup>, J.E. Gerras<sup>b</sup>, L.E. Mazin<sup>b</sup>, C. Leung, **R.E. Hasson**. Overweight and obese adolescents decrease calorie consumption in response to an acute laboratory stressor. Under review at *Psychosom Med*, 2018.
3. K.C. McGlumphy, M.R. Damen, **R.E. Hasson**. Racial discrimination and low household education predict lower perceived oral health in African American youth. Under review at *Pediatr. Dentistry*, 2018.
4. M.R. Nagy<sup>a</sup>, M.P. O'Sullivan<sup>b</sup>, S.S. Block<sup>b</sup>, **R.E. Hasson**. Acute effects of intermittent physical activity on psychological fatigue in preadolescent children. Under review at *J. Phys. Act. Health*, 2018.
5. S.L.C. Veldman, K.Q. Scott-Andrews, N. Colabianchi, **R.E. Hasson**, L.E. Robinson. Physical activity during different mastery climate physical education lessons. Under review at *J. Phys. Act. Health*, 2018.
6. 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. Under review at *J Health Soc Behav*, 2018.

**PUBLISHED ABSTRACTS**

- 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<sup>b</sup>, T.A. Ajibewa<sup>b</sup>, M.P. O'Sullivan<sup>a</sup>, M.R. Nagy<sup>b</sup>, 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<sup>a</sup>, T.A. Ajibewa<sup>b</sup>, M.R. Nagy<sup>b</sup>, M.P. O'Sullivan<sup>a</sup>, S.S. Block<sup>a</sup>, **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<sup>b</sup>, K. McGlumphy<sup>a</sup>, E.R. Shaver<sup>b</sup>, **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<sup>a</sup>, K. Kanneganti<sup>b</sup>, K.E. McGlumphy<sup>b</sup>, E.R. Shaver<sup>a</sup>, **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](http://www.obesityweek.com).
- A28. D. Nelson<sup>b</sup>, **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](http://www.obesityweek.com).
- A27. T.A. Ajibewa<sup>a</sup>, M.P. O'Sullivan<sup>b</sup>, M.R. Nagy<sup>b</sup>, S.S. Block<sup>b</sup>, T.R. Tooley<sup>b</sup>, **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<sup>b</sup>, J. Spooney<sup>a</sup>, E. Shaver<sup>a</sup>, **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](http://www.obesityweek.com).
- A24. E. Shaver<sup>a</sup>, J. Spooney<sup>a</sup>, K. McGlumphy<sup>b</sup>, **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](http://www.obesityweek.com).
- A23. J. Spooney<sup>a</sup>, E. Shaver<sup>a</sup>, K. McGlumphy<sup>b</sup>, **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](http://www.obesityweek.com).
- A22. M.R. Nagy<sup>b</sup>, M.P. O'Sullivan<sup>b</sup>, S.S. Block<sup>b</sup>, T.R. Tooley<sup>b</sup>, **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<sup>b</sup>, M.R. Nagy<sup>b</sup>, S.S. Block<sup>b</sup>, T.R. Tooley<sup>b</sup>, **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<sup>b</sup>, T.R. Tooley<sup>b</sup>, M.R. Nagy<sup>b</sup>, M.P. O'Sullivan<sup>b</sup>, **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. Chasan-Taber. Validity and reproducibility of a physical activity questionnaire in pregnant women. *Med. Sci. Sports Exerc.* 35(5):S190, 2003.

**CONFERENCE PRESENTATIONS (since 2012)**

- 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](http://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 64<sup>th</sup> Annual Meeting and 8<sup>th</sup> 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 120<sup>th</sup> 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 63<sup>rd</sup> Annual Meeting and 7<sup>th</sup> 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 62<sup>nd</sup> Annual Meeting and 6<sup>th</sup> 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 61<sup>st</sup> Annual Meeting, 5<sup>th</sup> 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 140<sup>th</sup> 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 140<sup>th</sup> 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: 13<sup>th</sup> 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 70<sup>th</sup> Annual Scientific Meeting; Mar. 14-17, 2012; Athens, Greece.

**INVITED TALKS** (since 2012)

- I14. *“Changing the ‘School of Thought’ on metabolic health in children by creating an ACTIVE Classroom”*. Invited Symposium speaker at: The 78<sup>th</sup> American Diabetes Association Scientific Sessions; June 22-26, 2018; Orlando, FL.
- I13. *“Child health disparities”*. Invited Symposium speaker at: 76<sup>th</sup> American Psychosomatic Society Annual Scientific Meeting; March 7-10, 2018; Louisville, KY.
- I12. *“Exercise interventions that work: a recent history of effective exercise prescription”*. Invited presenter at The Obesity Society Annual Meeting at ObesityWeekSM 2017; Oct. 29-Nov. 2, 2017; Washington, DC. [www.obesityweek.com](http://www.obesityweek.com).
- I11. *“Physical activity and exercise as stress resiliency”*. Invited Symposium speaker at: Canadian Society for Exercise Physiology General Meeting Oct. 25-28, 2017; Winnipeg, Manitoba.
- I15. *“Exploring new directions in nutrition and physical activity research”*. Invited speaker at: 7<sup>th</sup> African American Collaborative Obesity Research Network National Workshop, Aug. 17-19, 2016; Philadelphia, PA.
- I10. *“Re-engineering physical activity back into the school day”* 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: 21<sup>st</sup> 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: 12<sup>th</sup> North American Federation of Adapted Physical Activity Symposium, Oct. 18<sup>th</sup>, 2014; Ann Arbor, MI.
- I4. *“Impact of culture on individual health behavior”*. Invited speaker at: 33<sup>rd</sup> 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

- 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](http://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

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### **Current - Extramural**

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) 1/11/2018-1/10/2020  
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 – External***

R01 (Robinson, PI) 4/1/19-3/31/24  
NIH/NINR

“*The CHAMP Afterschool Program: Promoting Physical Activity & Health in Children*”; This study aims to examine the immediate and sustained effects of the Children’s Health Activity Motor Program (CHAMP) – Afterschool Program (ASP), delivered by staff, on physical activity, motor performance, perceived motor competence, health-related physical fitness, weight status, and cardiometabolic risk factors. The long-term goal is to provide a sustainable, ecologically-relevant, and evidence-based program during the early elementary years that is health-enhancing and contributes to sustainable physical activity in the ethnic minority population.

Role: Co-Investigator, \$3,607,504 (Score: 22<sup>nd</sup> percentile)

R01 (Hasson, PI) 9/1/2018-8/31/2023  
NIH/NHLBI

“InPACT: An interdisciplinary approach to promote health enhancing physical activity in children”. The goal of this study is to test the effectiveness of InPACT, a classroom-based physical activity intervention, and identify barriers to implementation in schools of differing socioeconomic levels.

Role: PI, \$3,624,752 (Score: 52<sup>nd</sup> percentile)

R03 (Hasson, PI) 4/1/2019-3/31/2021  
NIH/NICHD

“Countering children’s stress with physical activity: the role of intermittent exercise”. The goal of this study is to compare the effects of intermittent and continuous exercise on stress reactivity and examine individual predictors (habitual physical activity and physical fitness) of the efficacy of acute exercise to reduce stress reactivity in children.

Role: PI, \$100,000 (Score: 24<sup>th</sup> percentile)

***Prior Support – Extramural***

ADA 7-13-JF-24 (Hasson, PI) 01/01/2014 – 12/31/2017  
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: C3, C7, C14, M5, M9, M10, M12, M13*

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: C10, J24*

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, C4, C5, 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***

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

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, C6, C9, C15, C16, C20, C22, C23, J21, J20, J29, M6, M7, M8, M11, M14, M15, M18, 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: C3, C7, C14, M13*

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, C8, C14, C17, C18, C19, J26, J22, 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, C6, C9, C15, C16, C20, J21, J20, J23, J25, 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, IGF1BP-1, and IGF1BP-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, C5, C4, C1*

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 to develop teaching curricula that more fully integrated diversity education into the kinesiology major in both introductory and upper-level classes.

Role: Co-PI; \$6025

*Products: C21*

### ***Student Fellowships/Awards***

***~\$229,250 total***

Lexie Beemer	2018-2019, Rackham Merit Fellowship, University of Michigan, \$67,000 2017-2018, Donald R. Shephard Senior Scholar Award, \$10,000
Tiwaloluwa Ajibewa	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 Spooney	2015, University of Michigan School of Public Health 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**

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### ***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)
- 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)
- 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)

### **Workshop Presentations**

- “Engaging students in authentic research opportunities” Provost’s Seminar on Teaching, Mar. 10, 2015, Ann Arbor, MI.
- “Teaching and Learning in Kinesiology” Spring Symposium, May 19, 2014, Ann Arbor, MI.

### ***University of Massachusetts - Instructor***

- 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**

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***Journal Editorial Service, 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**Diabetes Care**Diabetologia**Ethnicity & Disease**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**Prevention Science**Psychoneuroendocrinology**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***

2013- American Diabetes Association (Member)  
 2012- American Psychosomatic Society (Regular Member)  
 2010- African American Collaborative Obesity Research Network (Member Affiliate)  
 2009- The Obesity Society (Member)  
 2005- Society for the Analysis of African-American Public Health Issues (Member & Past President)  
 2001- American College of Sports Medicine (Member & Fellow)

### ***Conference Planning***

2010-2011 Planning Committee, 3<sup>rd</sup> 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***

2018- Executive Committee, 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

### ***School of Kinesiology, University of Michigan, Service***

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***

- 2015 Search Committee, School of Public Health (Nutritional Sciences), University of Michigan

***University of Michigan, Service***

- 2017 Search Committee, Center for Human Growth and Development, University of Michigan
- 2016- Member, Project Healthy Schools Curriculum Reform Steering Committee

***Outreach***

- 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**

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***Faculty***

1. Kara Whitaker, Ph.D., M.P.H. (University of Iowa Health and Human Physiology), 2018 ACSM Mentoring Women to Fellowship Program

***Doctoral Students***

1. Tiwaloluwa Ajibewa, Ph.D. candidate (University of Michigan School of Kinesiology)

2. Lexie Beemer, M.S. (University of Michigan School of Kinesiology)

### ***Doctoral Student Committees***

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.

### ***Undergraduate Honors Thesis Students***

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.*

### ***Masters Thesis Students***

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

### ***Trainee Awards for Excellence***

- 2018 Tiwaloluwa Ajibewa, School of Kinesiology Excellence in Teaching Award
- 2018 Lexie Beemer, American Kinesiology Association Master’s Scholar Award
- 2017 Matthew Nagy, 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***

Katherine Andrews	Kinesiology	2018
Vivienne Hazzard	Nutritional Sciences	2015
Edward Pitchford	Kinesiology	2013
<i>Master's Student Researchers</i>		
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-
Erika Shaver	Nutritional Sciences	2015-2017
John Spooney	Kinesiology	2014-2015
<i>Undergraduate Student Researchers</i>		
Tessa Adam	BCN	2013-2017
Gabrielle Blenden	Kinesiology	2014-2015
Shannon Block	Statistics	2014-2016
Maysa Damen	LSA	2016-
Amaanat Gill	Kinesiology	2013-2017
Julia Gerras	Kinesiology	2016-2017
Kamala Kanneganti	Neuroscience	2015-2017
Lauren Mazin	Kinesiology	2014-2016
Kellye McGlumphy	Kinesiology	2014-
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
Sunny Xu	Microbiology	2016-2017
Emma Weston	Kinesiology	2016-
Jacob Wexler	Kinesiology	2018-
Haven Essien	LSA	2018-