

REBECCA E. HASSON, PhD, FACSM

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APPOINTMENTS

- 2015- Assistant Professor, Movement Science and Health & Fitness (100% appointment), University of Michigan School of Kinesiology
- 2015- Assistant Professor, Nutritional Sciences (0% appointment), University of Michigan School of Public Health
- 2012-2015 Assistant Professor, Movement Science (100% appointment), University of Michigan School of Kinesiology

EDUCATION

- 2010-2012 **W.K. Kellogg Health Scholars Postdoctoral Fellow, Center on Social Disparities in Health**, University of California San Francisco
Advisors: Paula Braveman, Len Syme, Ichiro Kawachi
- 2009-2010 **Postdoctoral Research Associate, Childhood Obesity Research Center**, University of Southern California
Advisor: Michael Goran
- 2009 **Ph.D., Kinesiology**, University of Massachusetts
Dissertation: *“Do metabolic and psychosocial responses to exercise explain ethnic/racial disparities in insulin resistance?”*
Committee: Barry Braun (Co-Advisor), Patty S. Freedson (Co-Advisor), Gary Bennett, David Marquez, John Staudenmayer
- 2005 **M.S., Exercise Science**, University of Massachusetts
Thesis: *“Effect of prior exercise on insulin action in African-American women”*
Committee: Patty S. Freedson (Co-Advisor), Barry Braun (Co-Advisor)
- 2001 **B.S., Exercise Science**, University of Massachusetts

UNIVERSITY APPOINTMENTS

- 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)
2003-2004	University of Massachusetts Distinguished Teaching Award Nominee

Mentoring/Service

2014	Michigan Undergraduate Research Opportunity Program Outstanding Research Mentor Award
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 Google Scholar:

<https://scholar.google.com/citations?user=eCa5kWwAAAAJ&hl=en>

In review

1. E. Hedgeman^a, **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). Under review at *Ann. Behav. Med.*, 2017.

2. A. Nuru-Jeter, M. Thomas, E. Michaels, A.N. Reeves, U. Okoye, M. Price, **R.E. Hasson**, D.H. Chae. Racial discrimination, socioeconomic status, and cumulative biological dysregulation: The African-American Women's Heart & Health Study. Under review at *New Eng. J. Med.*, 2017.
3. 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**. Interrupting prolonged sitting with activity: acute effect on cognition in children. Under review at *Res Q Exerc Sport*, 2017.
4. M.R. Nagy^b, M.P. O'Sullivan^b, S.S. Block^b, T.R. Tooley^b, L.E. Robinson, N. Colabianchi, **R.E. Hasson**. The effects of exercise intensity on ratings of perceived exertion during intermittent activity in preadolescent children. Under review at *Sport Exerc. Perform. Psychol.*, 2017.
5. T.A. Ajibewa^a, 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**. The effects of interrupting prolonged sitting with intermittent activity on appetite sensations and subsequent food intake in preadolescent children. Under review at *PLOS ONE*, 2017.
6. E. Shaver^a, K. McGlumphy^b, A. Gill^b, **R.E. Hasson**. Gender differences in psychological predictors of physical activity in African American youth. Under review at *J. Phys. Act. Health*, 2017.
7. D. Nelson^b, J. Gerras^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. Under review at *Obesity (Silver Springs)*, 2017.

Published

- 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. In press at *J. Phys. Act. Health*, 2017.
- 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. [Epub ahead of print]. 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*, 2017 [Epub ahead of print]. 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. **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.

- J16. 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.
- J15. 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.
- 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.

[Began 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.
- 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.
- 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.

PUBLISHED ABSTRACTS

- A23. 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.
- 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)

- C22. **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.
- C21. **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.
- C20. **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.
- C19. **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.

- C18. K. McGlumphy^b. 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.
- C17. E. Shaver^a. 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.
- C16. **R.E. Hasson**. 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.
- C15. **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.
- C14. **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.
- C13. **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.
- C12. **R.E. Hasson**. #PEdidThat. Keynote speaker at: 21st Annual Physical Education Workshop, Dec. 5, 2014; Ann Arbor, MI.
- C11. **R.E. Hasson**. Sport and well being. Invited speaker at: Values of College Sport Conference, Nov. 15, 2014, Ann Arbor, MI.
- C10. **R.E. Hasson**. 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.
- C9. **R.E. Hasson**. Active classroom. Symposium speaker at: University of Michigan MCubed Symposium, Oct 9, 2014; Ann Arbor, MI.
- C8. **R.E. Hasson**. Impact of culture on individual health behavior. Invited speaker at: 33rd Annual Wellness in the Workplace Conference; Sept. 24, 2014; Ann Arbor, MI.
- C7. **R.E. Hasson**. Conceptualizing pediatric obesity disparities: a role for psychosocial stress. Invited speaker at: Michigan Metabolomics and Obesity Center Symposium; October 16, 2013, Ann Arbor, MI.
- C6. **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.
- C5. **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.

- C4. **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)

- C3. **R.E. Hasson.** Physical activity and exercise as stress resiliency. Symposium speaker at: Canadian Society for Exercise Physiology General Meeting Oct. 25-28, 2017; Winnipeg, Manitoba.
- 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.

MEDIA

- 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

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, M10, M12, M13, M5, M9

Current – Intramural

University of Michigan (Lewis, PI) 10/22/2015 – 12/31/2017
 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 - 12/31/2017
 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: J21, J20, P1, A20, A21, A22, A23, C6, C9, C15, C16, C20, C22 M6, M7, M8, M11, M14, M15, M18

Pending Support - Extramural

R01HL137731 (Colabianchi, PI) 7/1/2017 – 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, **Score: 3rd Percentile**

Prior Support – External

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

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: J13, J19, A8, A18, A19, C4, C5, 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: J4, J6, J7, J8, B1, A10, A11, A13, A14, A15, A16

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: J5, J10, A9, A12

Prior Support – Internal

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: C8, C14, C17, C18, C19, 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: J21, J20, P1, A20, A21, A22, A23, C6, C9, C15, C16, C20, M6, M7, M8, M11, M14, M15, M18, C6, C9, M4

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, 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 ~\$143,700 total

Tiwaloluwa Ajibewa 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

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, 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

University of Michigan - Instructor

- MVS 110** Biological and Behavioral Bases of Human Movement, Movement
Science
Undergraduate lecture course introducing students to the area of exercise
physiology
Winter 2016 (83 students), Winter 2017 (103 students)
- HF 451** Physical Activity Across the Lifespan, Movement Science and Health &
Fitness
Undergraduate lecture course on the benefits of regular physical activity in
infants, toddlers, children, adolescents, middle-age and aging adults.
Winter (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 and Health & Fitness
Undergraduate lecture 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

Journal Editorial Service, Ad hoc Reviewer

American Journal of Public Health	Journal of Applied Physiology
American Journal of Medicine	Journal of Physical Activity and Health
Applied Physiology, Nutrition, and Metabolism	Journal of Science and Medicine in Sport
BMC Public Health	Medicine & Science in Sports & Exercise
BMC Research Note	Obesity (Silver Springs)
BMC Women's Health	Pediatric Exercise Science
Diabetes Care	Pediatrics
Diabetologia	Prevention Science
Ethnicity & Disease	Psychoneuroendocrinology
International Journal of Obesity	Scientific Reports
International Journal of Pediatric Obesity	Sport, Exercise, and Performance
Journal of Adolescent Health	Psychology

Grant/County Survey Review Service

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, 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

- 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- Member, American College of Sports Medicine Exercise Is Medicine™ Committee on Underserved Populations
- 2009-2013 Advisory Board, City Scholars Foundation®
- 2007- 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

- 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

2016- Member, Project Healthy Schools Curriculum Reform Steering Committee

Invited Talks (since 2012)

1. *“Work-life and strategies for success during the job search and the early years of a faculty career.”* Center for Research on Learning and Teaching- Preparing Future Faculty Seminar, Ann Arbor, MI, May 19, 2016 (was invited to present again on May 23, 2017).
2. *“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.
3. *“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.
4. *“What it's like to work at Michigan.”* University of Michigan New Faculty Orientation, Sept. 2, 2015, Ann Arbor, MI.
5. *“Environmental strategies to reduce pediatric obesity disparities”* University of Alabama Nutrition Obesity Research Center Seminar Series, Apr. 21, 2015; Birmingham, AL.
6. *“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.
7. *“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.

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

Doctoral Students

1. Tiwaloluwa Ajibewa, M.S. (University of Michigan School of Kinesiology), Current graduate student

Doctoral Student Committees

1. Erika Twardzik, M.S. (University of Michigan School of Kinesiology), Current graduate student
2. 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.
3. 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.
4. 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.
5. 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.*

Trainee Awards for Excellence

- | | |
|------|---|
| 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

Vivienne Hazzard	Nutritional Sciences	2015
Edward Pitchford	Kinesiology	2015

Master's Student Researchers

Lexie Beemer	Kinesiology	2016-
Elizabeth Cotter	Nutritional Sciences	2013-2014
Paige Kyle	Nutritional Sciences	2012-2014
Erika Shaver	Nutritional Sciences	2015-2017
John Spooney	Kinesiology	2014-2015

Undergraduate Student Researchers

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 Guerras	Kinesiology	2016-2017
Kamala Kanneganti	Neuroscience	2015-2017
Lauren Mazin	Kinesiology	2014-2016
Kellye McGlumphy	Kinesiology	2014-
Matthew Nagy	Kinesiology	2013-
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-