

CURRICULUM VITAE

STEFAN A. CZERWINSKI

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(September 28, 2018)

ACADEMIC APPOINTMENTS

Current position

- Sep. 1, 2016-pres. Department of Epidemiology, Human Genetics, and Environmental Sciences,
University of Texas Health Science Center at Houston School of Public Health,
Brownsville, TX.
Professor
- Sep. 1, 2016-pres. Division of Epidemiology and Biostatistics,
Department of Population and Public Health Sciences
Wright State University Boonshoft School of Medicine, Dayton, OH.
Adjunct Professor, Division of Epidemiology and Biostatistics

Previous positions and ranks

- Jul. 2016-Aug. 2016 Division of Epidemiology and Biostatistics,
Department of Population and Public Health Sciences
Wright State University Boonshoft School of Medicine, Dayton, OH.
Director, Division of Epidemiology and Biostatistics
- Mar. 2015-Jul. 2016 Lifespan Health Research Center, Department of Community Health,
Wright State University Boonshoft School of Medicine, Dayton, OH.
Director, Lifespan Health Research Center
- Jul. 2012-Sep. 2016 Lifespan Health Research Center, Department of Community Health,
Wright State University Boonshoft School of Medicine, Dayton, OH.
Professor of Community Health
- Jul. 2011-Mar. 2015 Lifespan Health Research Center, Department of Community Health,
Division of Epidemiology
Wright State University Boonshoft School of Medicine, Dayton, OH.
Director, Division of Epidemiology
- Jun, 2007-Jun. 2011 Lifespan Health Research Center, Department of Community Health,
Wright State University Boonshoft School of Medicine, Dayton, OH.
Associate Director, Lifespan Health Research Center
- Jul. 2006-Jun. 2012 Lifespan Health Research Center, Department of Community Health,
Wright State University Boonshoft School of Medicine, Dayton, OH.
Associate Professor of Community Health

- Jul. 2001-Jun. 2006 Lifespan Health Research Center, Department of Community Health,
Wright State University School of Medicine, Dayton, OH.
Assistant Professor of Community Health
- Oct. 1999-Jun. 2001 Lifespan Health Research Center, Department of Community Health,
Wright State University School of Medicine, Dayton, OH.
Postdoctoral Research Associate
- Oct. 1999-Jun. 2001 Department of Genetics, Southwest Foundation for Biomedical Research
San Antonio, TX.
Adjunct Postdoctoral Scientist
- Dec. 1997-Oct. 1999 Department of Genetics, Southwest Foundation for Biomedical Research,
San Antonio, TX.
Postdoctoral Scientist
- Apr. 1997-Dec. 1997 Department of Anthropology, University at Albany, Albany, NY.
Research Associate
- Jul. 1996-Jul. 1997 Department of Epidemiology, School of Public Health, University at Albany,
Albany, NY.
Consultant: Multi-disciplinary Study of PCBs at Akwesasne
(funded by US Superfund, DO Carpenter, P.I.).
- Mar. 1996-Mar. 1997 New York State Department of Health, Center for Environmental Health,
Albany, NY.
Research Scientist I (Epidemiology)
Bureau of Environmental and Occupational Epidemiology
- Jul. 1992-Mar. 1996 Department of Anthropology, University at Albany, Albany, NY.
Research Assistant: Albany Pregnancy/Infancy Lead Study
(funded by National Institute of Environmental Health Sciences, LM Schell PI).

EDUCATION

- Dec. 1997-Oct. 1999 Southwest Foundation for Biomedical Research, San Antonio, TX.
Postdoctoral Training: Department of Genetics, Population Genetics Laboratory
Genetic Epidemiology/Statistical Genetics: M.C. Mahaney, J. Blangero.
- May 1998 State University of New York at Albany, Albany, NY.
Ph.D. Biological Anthropology / Human Biology
Dissertation Committee: L.M. Schell (chair), A.D. Stark, T.B. Gage, R.G. Wilkinson.
Ph.D. Dissertation: Determinants of blood lead levels in socioeconomically disadvantaged children from birth to two years.
- Dec. 1992 Master of Arts in Biological Anthropology / Human Biology
Master's Committee: L.M. Schell (chair), F.C. Lees.
Master's Thesis: Maternal morphology and neonatal blood lead levels.

May 1990

State University of New York at Binghamton, Binghamton, NY.

Bachelor of Arts in Anthropology

- New York State Regents Scholar
- European Exchange Program: Trent University, Nottingham, U.K.

GRANTS AND CONTRACTS

NIH total awards: \$10,136,367 as PD/PI; \$18,356,949 as Co-I; (\$28,493,316 as PD/PI and Co-I)

Current

1. R01-DK11120 - National Institute of Diabetes and Digestive and Kidney Diseases, “Telomere Length Dynamics in Relation to Changes in Adiposity and Metabolic Risk.” Total costs: \$2,977,046; (9/23/2016 – 08/31/2021): PI: M Lee/ JE Curran; Co-I: SA Czerwinski

Past

2. Bill and Melinda Gates Foundation, “Quantifying healthy birth, growth and development knowledge integration.” Total costs: \$184,917; (07/28/2015 - 08/31/2016): PI: SA Czerwinski; (09/01/2016 – 12/31/2016): Co-I: SA Czerwinski.
3. R25-HL103168 – National Heart, Lung, and Blood Institute, “Short-term training for minority students program.” Total costs: \$694,440; (06/01/2010 - 02/28/2017): PI: SA Czerwinski (Mentor: 06/01/2010 – 02/28/2014).
4. R01-HD12252 - National Institute of Child Health and Human Development, “Adiposity, disease risk factors, and lifetime health.” Total costs: \$7,358,388; (07/06/2010 – 06/30/2016): PI: SA Czerwinski.
5. R25-GM086257 – National Institute for General Medical Sciences, “PREP scholars.” Total costs: \$1,247,186; (03/01/2010 – 2/28/2016): PI: SA Czerwinski (Mentor: 03/01/2010 – 02/28/2015).
6. R01-AR055632 - National Institute of Arthritis and Musculoskeletal and Skin Diseases, “Genetics of bone structure and metabolism” (Subcontract with the Southwest Foundation for Biomedical Research, PI: MC Mahaney). Total costs: \$340,638; (09/25/2009- 07/31/2014): PI: B Towne; Co-I: SA Czerwinski.
7. Wright State University Seed Grant, “Job demands as moderators of the relationship between physical activity and health.” Total costs: \$12,500; (07/01/2013 - 6/30/2014): PI: AC Choh; Co-I: SA Czerwinski.
8. Wright State University Proteomic Seed Grant, “Health outcomes of weight loss.” Total costs: \$2,000; (07/01/2012-06/30/2013): PI: M Lee; Co-I: SA Czerwinski.
9. Wright State University Community Health Grant, “Feasibility study for cerebro-vascular health assessment.” Total costs: \$30,000; (01/15/2011-12/31/2013): PI: AC Choh; Co-I: SA Czerwinski.
10. Wright State University Community Health Grant, “Abdominal MRI pilot study (AMPS).” Total costs: \$20,000; (7/1/2010-12/31/2013): PI: M Lee; Co-I: SA Czerwinski.

11. American Heart Association, National Clinical Research Program, “The interplay of gender, insulin resistance and adiposity on endothelial function among African Americans.” Total costs: N/A; (01/01/2011 – 12/31/2012): PI: Srividya Kidambi (Medical College of Wisconsin); Consultant: SA Czerwinski.
12. R01-HD053685 – National Institute of Child Health and Human Development, “The genetics of infant growth and later obesity.” Total costs: \$1,877,469; (09/26/2006-07/31/2012): PI: EW Demerath; Co-I: SA Czerwinski.
13. R01-AR052147 – National Institute of Arthritis and Musculoskeletal and Skin Diseases, “Genetic analysis of osteoporosis risk factors.” Total costs: \$2,338,967; (09/01/2005-06/30/2012): PI: SA Czerwinski.
14. R01-HD12252 – National Institute of Child Health and Human Development, “Adiposity, disease risk factors, and lifetime health.” Total costs: \$6,038,098; (12/01/2004-07/01/2010): PI: RM Siervogel; Co-I: SA Czerwinski.
15. Wright State University Research Challenge/Major Collaboration Grant, “MR imaging of the human body.” Total costs: \$50,000; (03/01/2009 - 06/30/2010): PI: R Sherwood; Co-I: SA Czerwinski.
16. Children's Medical Center (CMC) of Dayton Research Grant, “Oxidative stress in childhood insulin resistance.” Total costs: \$40,000; (09/2007 - 08/2009): PI: J Ebert; Co-I: M Lee, SA Czerwinski.
17. R01-DK064870 – National Institute of Diabetes and Digestive and Kidney Diseases, “Visceral adiposity: genetic and environmental influences.” Total costs: \$1,656,488; (08/01/2003-07/31/2009): PI (08/01/2007-07/31/2009), Co-I (08/01/2003-07/31/2007), SA Czerwinski.
18. 0665256B – American Heart Association (AHA), Beginning Grant-In-Aid, “Genetic analysis of ankle-brachial index and peripheral arterial disease risk.” Total costs: \$121,000; (07/01/06-06/30/09): PI: M Lee; Co-I: SA Czerwinski.
19. R01-HL69995 – National Heart, Lung, and Blood Institute, “Genetic epidemiology of CVD risk factors.” Total costs: \$4,711,501; (12/01/2002-11/30/2008): PI: RM Siervogel; Co-I: SA Czerwinski.
20. Wright State University Seed Grant, “Oxidative stress in childhood obesity and insulin resistance.” Total costs: \$10,000; (05/01/2007-04/30/2008): PI: M Lee; Co-I: SA Czerwinski.
21. Ohio Commission on Minority Health, “Drew diabetes education program” (Subcontract with Combined Health District of Montgomery County). Total costs: \$74,000; (10/01/2004-09/30/2006): PI: SA Czerwinski.
22. Wright State University Seed Grant, “Muscle strength assessment in the Fels Longitudinal Study.” Total costs: \$10,000; (05/01/2005-04/30/2006): PI: SA Czerwinski.
23. R01-AG18719 – National Institute of Aging, “Genetic epidemiology of aging and body composition.” Total costs: \$1,096,347; (07/01/2000-02/28/2004): PI: B Towne; Co-I: SA Czerwinski.
24. R01-HD12252 – National Institute of Child Health and Human Development, “Subcutaneous fat, blood lipids and subsequent outcome.” Total costs: \$6,436,996; (12/01/98-11/30/03): PI: RM Siervogel; Co-I: SA Czerwinski.

25. Wright State University Research Challenge, “Southwest Ohio Family Study collaborative research partnership.” Total costs: \$70,026; (05/01/2002-06/30/2003): PI: RM Siervogel; Co-I: SA Czerwinski.
26. R03-AG20808 – National Institute of Aging, “Genetic epidemiology of bone turnover markers.” Total costs: \$71,500; (04/15/2002-03/31/2003): PI: SA Czerwinski.
27. American Heart Association Postdoctoral Fellowship (Ohio Affiliate), “Genetics of age-related changes in lipids and lipoproteins during childhood.” Total costs: \$35,000; (07/01/2000-06/30/2001): PI: SA Czerwinski.
28. Southwest Foundation for Biomedical Research Forum, “Genetic analysis of bone formation phenotypes in pedigreed baboons.” Total costs: \$14,600; (12/01/1998-11/30/1999): PI: SA Czerwinski.
29. National Institute on Alcohol Abuse and Alcoholism, “Travel scholarship: Genetic Analysis Workshop 11, Archachon, France.” Total award: \$500; (09/1998): PI: SA Czerwinski.

PUBLICATIONS

Peer-reviewed journal articles

Publications with “” denote publications with postdoctoral scientists, masters level staff, students, or junior faculty as first author.*

1. Tobias J, Mitchell B, Streeten E, Cauley J, Robbins J, Stykarsdottir U, Czerwinski SA, Lee M, Demissie S, Hsu Y, Kiel DP, Ackert-Bicknell C, Capellini T, Farber C, Gautvik K, Reppe S, Lorentzon M, Ohlsson C, Harris T, Cummings S, Cheung C, Kung A, Econs M, Peacock M, Evangelou E, Estrada K, Beck T, Akesson K, McGuigan F, Uitterlinden A, Rivadeneira F, Nielson C, Richards B, Spector T, Wilson S. Hip bone geometry reveals genetic variants as disclosed by Meta-analysis of genome-wide association studies (GWAS). *JBMR*, (under review), 2018.
2. *Reynolds KR, Stevens J, Cai J, Lewis CE, Choh AC, Czerwinski SA. External validation of equations that use demographic and anthropometric measurements to predict percent body fat. *Obes Sci Pract*, (in press), 2018.
3. *Lucas K, James P, Choh AC, Lee M, Czerwinski SA, Demerath EW, & Johnson W. The positive association of infant weight gain with adulthood body mass index has strengthened over time in the Fels Longitudinal Study. *Pediatr Obes*: 12(8): 476-484, 2018. DOI: 10.1111/ijpo.12271.
4. Chu AY, Deng X, Fisher VA, Drong A, Zhang Y, Feitosa MF, Liu CT, Weeks O, Choh AC, Duan Q, Dyer TD, Eicher JD, Guo X, Heard-Costa NL, Kacprowski T, Kent JW, Jr., Lange LA, Liu X, Lohman K, Lu L, Mahajan A, O'Connell JR, Parihar A, Peralta JM, Smith AV, Zhang Y, Homuth G, Kissebah AH, Kullberg J, Laqua R, Launer LJ, Nauck M, Olivier M, Peyser PA, Terry JG, Wojczynski MK, Yao J, Bielak LF, Blangero J, Borecki IB, Bowden DW, Carr JJ, Czerwinski SA, Ding J, Friedrich N, Gudnason V, Harris TB, Ingelsson E, Johnson AD, Kardia SL, Langefeld CD, Lind L, Liu Y, Mitchell BD, Morris AP, Mosley TH, Jr., Rotter JI, Shuldiner AR, Towne B, Volzke H, Wallaschofski H, Wilson JG, Allison M, Lindgren CM, Goessling W, Cupples LA, Steinhauser ML, Fox CS. Multiethnic genome-wide meta-analysis of ectopic fat

depots identifies loci associated with adipocyte development and differentiation. *Nat Genet*: 49(1): 125-130, 2017. PMID: PMC541114.

5. Johnson W, Choh AC, Lee M, Towne B, Czerwinski SA, Demerath EW. Is infant body mass index associated with adulthood body composition trajectories? An exploratory analysis. *Pediatr Obes*: 12(1):10-18, 2017. doi:10.1111/ijpo.12100.
6. *Swanton S, Choh AC, Lee M, Laubach LL, Linderman JK, Czerwinski SA, Peterson MJ. Body mass index associations between mother and offspring from birth to age 18: The Fels Longitudinal Study. *Obes Sci Pract*: 3(2): 127-133, 2017. doi:10.1002/osp4.90. PMID: PMC5478810.
7. *Whitaker KM, Choh AC, Lee M, Towne B, Czerwinski SA, Demerath EW. Sex differences in the rate of abdominal adipose accrual during adulthood: the Fels Longitudinal Study. *Int J Obes (Lond)*: 40(8): 1278-1285, 2016. PMID: PMC4970892.
8. Lee M, Ebert JR, Kadakia M, Zhang J, Czerwinski SA. Inverse associations between cardiometabolic risk factors and 25-hydroxyvitamin D in obese American children and adolescents. *Am J Hum Bio*: 28 (5):736-742, 2016.
9. Lu Y, Day FR, Gustafsson S, Buchkovich ML, Na J, Bataille V, Cousminer DL, Dastani Z, Drong AW, Esko T, Evans DM, Falchi M, Feitosa MF, Ferreira T, Hedman AK, Haring R, Hysi PG, Iles MM, Justice AE, Kanoni S, Lagou V, Li R, Li X, Locke A, Lu C, Magi R, Perry JRB, Pers TH, Qi Q, Sanna M, Schmidt EM, Scott WR, Shungin D, Teumer A, Vinkhuyzen AAE, Walker RW, Westra H-J, Zhang M, Zhang W, Zhao JH, Zhu Z, Afzal U, Ahluwalia TS, Bakker SJL, Bellis C, Bonnefond A, Borodulin K, Buchman AS, Cederholm T, Choh AC, Czerwinski SA, Towne B, et al. New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nat Commun*: 7:10495, 2016. PMID: PMC4740398.
10. Malina RM, Choh AC, Czerwinski SA, Chumlea WC. Validation of maturity offset in the Fels Longitudinal Study. *Pediatr Exer Sci*:28(3):439-455, 2016.
11. Khalil N, Chen A, Lee M, Czerwinski SA, Ebert JR, Dewitt J, Kannan K. Association of perfluoroalkyl substances, bone mineral density, and osteoporosis in the U.S. population in NHANES 2009-2010. *Env Health Perspect*:124(1):81-87, 2016. PMID: PMC4710590.
12. von Hippel PT, Nahhas RW, Czerwinski SA. How much do children's body mass indices change over intervals of 6-12 months? Statistics from before and after the obesity epidemic. *Pediatr Obes*: 10(6):468-475, 2015.
13. Choh AC, Lee M, Johnson W, Curran JE, Dyer TD, Bellis C, Blangero J, Siervogel R, Towne B, Demerath EW, Czerwinski SA. Gene-by-age effects on BMI from birth to adulthood: The Fels Longitudinal Study. *Obesity (Silver Spring)*: 22(3) 875-881, 2014. PMID: PMC3883986.
14. Khalil N, Ebert JR, Wang L, Belcher S, Lee M, Czerwinski SA, Kannan K. Bisphenol A and cardiometabolic risk factors in obese children. *Sci Total Environ*: 470-471(1):726-732, 2014.
15. Demerath EW, Choh AC, Johnson W, Curran JE, Lee M, Bellis C, Dyer T, Czerwinski SA, Blangero J, Towne B. The positive association of obesity variants with adulthood adiposity strengthens over an 80-year period: a gene-by-birth interaction. *Hum Hered*: 75 (2-4):175-185, 2013. PMID: PMC4091039.
16. *Graff M, Ngwa JS, Workalemahu T, Homuth G, Schipt S, Teumer A, Volzke H, Wallaschofski H, Abecasis GR, Lakatta E, Francesco C, Sanna S, Scheet P, Schlessinger D, Sidore C, Xiao X, Wang Z, Chanock SJ, Jacobs KB, Hayes RB, Hu F, VanDam RM, Crout RJ, Marazita ML, Shaffer JR, Atwood LD, Fox CS, Heard-Costa NL, White C, Choh AC, Czerwinski SA,

- Demerath EW, Dyer TD, Towne B, Amin N, Oostra BA, vanDuijn CM, Zilikens NC, Esko T, Nelis M, Nikopensius T, Metspalu A, Strachen DP, Monda K, Qi L, North KE, Cupples A, Gordon-Larsen P, Berndt S. Genome-wide analysis of BMI in adolescents and young adults reveals additional insight into the effects of genetic loci over the life course. *Hum Molec Genet*: 22(17):3597-3607, 2013. PMID: PMC3736869.
17. *Mueller NT, Johnson W, Odegaard AO, Lee M, Czerwinski SA, Demerath EW. Wrist breadth as a marker of insulin resistance in youth: The Fels Longitudinal Study. *Am J Hum Biol*: 25(5):581-585, 2013. PMID: PMC3988662.
 18. *Odegaard AO, Choh AC, Nahhas RW, Towne B, Czerwinski SA, Demerath EW. Systematic examination of infant size and growth metrics as risk factors for overweight in young adulthood. *PLoS One*: 8(6):e66994, 2013. PMID: PMC3688577.
 19. *Linabery AM, Nahhas RW, Johnson W, Choh AC, Towne B, Odegaard AO, Czerwinski SA, Demerath EW. Stronger influence of maternal than paternal obesity on infant and early childhood body mass index: The Fels Longitudinal Study. *Pediatr Obes*: 8(3):159-169, 2013. PMID: PMC3765070.
 20. *Johnson W, Choh AC, Lee M, Chumlea WC, Siervogel R, Czerwinski SA, Demerath EW. Characterization of the infant BMI peak: secular trends, associations with concurrent adiposity, and heritability. *Am J Hum Biol*: 25(3):378-388, 2013. PMID: PMC3988701.
 21. *Johnson W, Chumlea WC, Czerwinski SA, Demerath EW. Secular trends in the fat and fat-free components of body mass index in children aged 8-18 years born 1958-1995. *Ann Hum Biol*: 40(1):107-110, 2013. PMID: PMC3988663.
 22. *Johnson W, Choh AC, Curran JE, Czerwinski SA, Bellis C, Dyer TD, Blangero J, Towne B, Demerath EW. Genetic risk for earlier menarche also influences peripubertal body mass index. *Am J Phys Anthropol*: 150(1):10-20, 2013. PMID: PMC3539227.
 23. Koller DL, Zheng H, Karasik D, Yerges-Armstrong L, Liu C, McGuigan F, Kemp J, Giroux S, Lai D, Edenberg H, Peacock M, Czerwinski SA, Choh AC, McMahon G, StPourcain B, Timpson N, Lawlor D, Evans D, Towne B, Blangero J, Carless M, Kammerer CM, Goltzman D, Kovacs C, Prior J, Spector T, Rousseau F, Tobias J, Akesson K, Econs MJ, Mitchell BD, Richards J, Kiel DP, Foroud T. Meta-analysis of genome-wide studies identifies WNT16 and ESR1 associated with bone mineral density in premenopausal women. *J Bone Miner Res*: 28(3):547-558, 2013. PMID: PMC3691010.
 24. Chumlea WC, Choh AC, Lee M, Towne B, Duren CM, Siervogel R, Czerwinski SA. Maintaining function with aging what we have learned from the Fels Longitudinal Study. *J Frailty Aging*: 1(2):50-51, 2012. PMID: PMC4187205.
 25. *Johnson W, Chumlea WC, Czerwinski SA, Demerath EW. Concordance of the recently published body adiposity index with measured body fat percent in European-American adults. *Obesity*: 20(4):900-903, 2012. PMID: PMC3988697.
 26. Lee M, Choh AC, Demerath EW, Towne B, Siervogel RM, Czerwinski SA. Associations between trunk, leg and total body adiposity with arterial stiffness. *Am J Hypertens*: 24(10):1131-1137, 2012. PMID: PMC3578479.
 27. *Johnson W, Soloway LE, Erickson D, Choh AC, Lee M, Chumlea WC, Siervogel RM, Czerwinski SA, Towne B, Demerath EW. A changing pattern of childhood BMI growth during the 20th century: 70 years of data from the Fels Longitudinal Study. *Am J Clin Nutr*: 95(5):1136-1143, 2012. PMID: PMC3325836.

28. *Williams K, Nahhas RW, Cottom C, Lawrence S, Subedi J, Czerwinski SA, Blangero J, Williams-Blangero S, Towne B. Evaluation of qualitative methods for phenotyping Brachymesopha^langia –V from radiographs of children. *Am J Hum Biol*: 24(1): 69-73, 2012. PMID: PMC3457917.
29. *Johnson W, Stovitz SD, Choh AC, Czerwinski SA, Towne B, Demerath EW. Patterns of linear growth and skeletal maturation from birth to 18 years of age in overweight young adults. *Int J Obes*: 36(4):535-541, 2012. PMID: PMC3312969.
30. *Johnson W, Choh AC, Soloway LE, Czerwinski SA, Towne B, Demerath EW. Eighty-year trends in infant weight and length growth: the Fels Longitudinal Study. *J Pediatr*: 160(5):762-768, 2012. PMID: PMC3310964.
31. *Lee M, Choh A, Williams KD, Schroeder VM, Dyer T, Blangero J, Cole SA, Chumlea WC, Duren D, Sherwood RJ, Siervogel RM, Towne B, Czerwinski SA. Genome-wide linkage scan for quantitative trait loci underlying normal variation in heel bone ultrasound measures. *J Nutr Health Aging*: 16(1): 8-13, 2012. PMID: PMC3928037.
32. *Odegaard AO, Choh AC, Czerwinski SA, Towne B, Demerath EW. Sugar-sweetened and diet beverages in relation to visceral adipose tissue. *Obesity*: 20(3): 689-691, 2012. PMID: PMC3288354.
33. *Choh AC, Nahhas RW, Lee M, Choi YS, Chumlea WC, Duren DL, Sherwood RJ, Towne B, Siervogel RM, Demerath EW, Czerwinski SA. Secular trends in blood pressure during adulthood: The Fels Longitudinal Study. *J Hypertens*: 29(5): 838-845, 2011. PMID: PMC3988666.
34. *Lee M, Nahhas RW, Choh AC, Demerath EW, Duren DL, Chumlea WC, Sherwood RJ, Towne B, Siervogel RM, Czerwinski SA. Longitudinal changes in calcaneal quantitative ultrasound measures during childhood. *Osteoporos Int*: 22(8): 2295-2305, 2011. PMID: PMC3988661.
35. Duren DL, Blangero J, Sherwood RJ, Seselj M, Dyer T, Cole SA, Lee M, Choh AC, Chumlea WC, Siervogel RM, Czerwinski SA, Towne B. Cortical bone health shows significant linkage to chromosomes 2p, 3p, and 17q in 10-year-old children. *Bone*: 49(6): 1213-1218, 2011. PMID: PMC3221785.
36. *Choh AC, Curran JE, Odegaard AO, Czerwinski SA, Towne B, Blangero J, Demerath EW. Differences in the heritability of growth and growth velocity during infancy and associations with FTO variants. *Obesity*: 19(9):1847-1854, 2011. PMID: PMC4013792.
37. Demerath EW, Rogers NR, Reed D, Lee M, Choh AC, Siervogel RM, Chumlea WC, Towne B, Czerwinski SA. Significant associations of age, menopausal status and lifestyle factors with visceral adiposity in African-American and European-American women. *Ann Hum Biol*: 38(3): 247-256, 2011. PMID: PMC3245972.
38. Sherwood RJ, Duren DL, Mahaney MC, Blangero J, Dyer TD, Cole SA, Czerwinski SA, Chumlea WC, Siervogel RM, Choh AC, Nahhas RW, Lee M, Towne B. A genome-wide linkage scan for quantitative trait loci influencing the craniofacial complex in humans (*Homo sapiens*). *Anat Rec*: 294(4): 664-675, 2011. PMID: PMC3091483.
39. *Nahhas RW, Choh AC, Lee M, Chumlea WC, Duren DL, Siervogel RM, Sherwood RJ, Towne B, Czerwinski SA. Bayesian longitudinal model of adult grip strength. *Am J Hum Biol*: 22(5):648-656, 2010. PMID: PMC3988672.
40. *Lee M, Choh AC, Demerath EW, Knutson KL, Duren DL, Sherwood RJ, Sun SS, Chumlea WC, Towne B, Siervogel RM, Czerwinski SA. Sleep disturbance in relation to health-related

- quality of life in adults: the Fels Longitudinal Study. *J Nutr Health Aging*: 13(6): 576-583, 2009. PMID: PMC3988690.
41. Demerath EW, Reed D, Choh A, Soloway L, Lee M, Czerwinski SA, Chumlea WC, Siervogel RM and Towne B. Rapid postnatal weight gain and visceral adiposity in adulthood: The Fels longitudinal Study. *Obesity*: 17(11):2060-2066, 2009. PMID: PMC2801420.
 42. Chumlea WC, Choh AC, Lee M, Towne B, Sherwood RJ, Duren DL, Czerwinski SA, and Siervogel RM. The first serial study into old age for weight, stature and BMI: The Fels Longitudinal Study. *J Nutr Health Aging*: 13: 3-5, 2009. PMID: PMC3750971.
 43. *Choh AC, Demerath EW, Lee M, Towne B, Siervogel RM, Cole SA, Czerwinski SA. Genetic analysis of self-reported physical activity and adiposity: The Southwest Ohio Family Study. *Public Health Nutr*. 12 (8): 1052-1060, 2009. PMID: PMC2883310.
 44. Towne B, Williams KD, Blangero J, Czerwinski SA, Demerath EW, Dyer TD, Cole SA, Lee M, Choh AC, Duren DL, Sherwood RJ, Chumlea WC, Siervogel RM. Presentation, heritability, and genome-wide linkage analysis of the mid-childhood growth spurt in healthy children from the Fels Longitudinal Study. *Hum Biol*: 80(6): 623-626, 2008. PMID: PMC2801436.
 45. Chumlea WC, Choh A, Lee M, Sherwood RJ, Duren DL, Czerwinski SA, Towne B and Siervogel RM. The Fels Longitudinal Study 80 Years. *The Journal of Child Growth and Development (Japan)*: 6: 174-177, 2008.
 46. Duren DL, Sherwood RJ, Czerwinski SA, Lee M, Choh AC, Siervogel RM, and Chumlea WC. Body composition methods: Comparisons and interpretation. *J Diabetes Sci Technol*: 2 (6): 1139-1146, 2008. PMID: PMC2769821.
 47. Demerath EW, Reed D, Rogers NL, Sun SS, Lee M, Choh AC, Couch WP, Czerwinski SA, Chumlea WC, Siervogel RM, Towne B. Visceral adiposity and its anatomical distribution as predictors of the metabolic syndrome and cardiometabolic risk factor levels. *Am J Clin Nutr*: 88: 1263-1271, 2008. PMID: PMC2801427.
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2. Towne B, Demerath EW, Czerwinski SA. Genetics of Stature, BMI, and Child Growth. In: O'Rourke DH, ed. A Companion to Anthropological Genetics. Hoboken, NJ: Wiley; 2018: (in press).
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Invited presentations

1. Czerwinski SA. Etiology of sarcopenic obesity from a longitudinal perspective. Presented at the International Conference on Sarcopenia Research, International Association of Gerontology and Geriatrics, Orlando, FL, December 2012.
2. Czerwinski SA. Gene discovery in the Fels Longitudinal Study. Presented at the Application of Genomics to Anthropological Research Workshop, American Association of Anthropological Genetics (AAAG), San Antonio, TX, January, 2012.
3. Czerwinski SA. Creating shared value in biomedical imaging: Sector-crossing partnerships. Presented at the Invitational for Biomedical Imaging in Greater Dayton, Engineer's Club of Dayton, Dayton, OH, September, 2011.

4. Czerwinski SA, Nahhas RW, Chumlea WC, Choh AC, Lee M. Body composition over the lifespan. *Am J Phys Anthropol*: 144(S52): 119, 2011. Presented in symposium “Growth of a species, an association, a science: 80 years of growth and development research” for the Annual Meeting of the American Association of Physical Anthropologists, Minneapolis, MN, March 2011.
5. Czerwinski SA, Choh, AC, Demerath, E, Lee, M, Towne, B, Siervogel RM. Genetic factors in physical growth and development. *Am J Phys Anthropol*: 129 (S42): 80, 2006. Presented in symposium “Is adaptation healthy? Interpreting growth patterns in adverse environments” for the Annual Meeting of the American Association of Physical Anthropologists, Anchorage, AK, March 2006.
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8. Czerwinski SA. Genetic epidemiology of osteoporosis risk factors: The Fels Longitudinal Study. Presented at The International Academy on Nutrition and Aging (IANA), 2nd International Congress, Albuquerque, NM, July, 2003.
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12. Czerwinski SA, Schell LM, Stark AD. Predictors of elevated blood lead levels during early childhood: Birth to age two years. Presented at the International Conference of Environmental Pollution and Child Health: Critical Needs and Issues for Central and Eastern Europe, Sosnowiec, Poland, May, 1996.
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Published abstracts

1. Choh AC, Lee M, Maestre G, Towne B, Czerwinski SA. The role of childhood BMI on lifetime blood pressure variability. The 35th Annual Scientific Meeting of The Obesity Society, 2018, (in press).
2. Limon VM, Lee M, Choh, AC, Czerwinski, SA. Impact of metabolic syndrome on mental health related quality of life and depressive symptoms. The 35th Annual Scientific Meeting of The Obesity Society, 2018, (in press).
3. Smith M, Ho J, MA L, Lee M, Czerwinski SA, Glenn T, Cool DR, Stanczyk F, Lindheim SR. Is anti-mullerian hormone (AMH) really just a number? Longitudinal AMH and its correlation with pubertal milestones. The American Society for Reproductive Medicine (ASRM) 2018 Annual Meeting, 2018 (in press).
4. Choh AC, Lee M, Gonzalez B, Czerwinski SA. Ectopic fat depots are associated with cardiometabolic risk factors even after adjusting for BMI. The 35th Annual Scientific Meeting of The Obesity Society. National Harbor, MD; T-P-3137, 2017.
5. Czerwinski SA, Nahhas RW, Roa MO, Choh AC, Lee M. Recent secular trends in abdominal adiposity in the Fels Longitudinal Study. The 35th Annual Scientific Meeting of The Obesity Society. National Harbor, MD; T-P-3143, 2017.
6. Lee M, Choh AC, Demerath EW, Czerwinski SA. Low abdominal adiposity and liver fat content as determinants of metabolically healthy obesity. The 35th Annual Scientific Meeting of The Obesity Society. National Harbor, MD; T-P-3140, 2017.
7. Lucas K, James P, Choh AC, Lee M, Czerwinski SA, Demerath EW, Johnson W. The positive association of infant weight gain with adulthood body mass index has strengthened over time: Fels Longitudinal Study. 10th World Congress on Developmental Origins of Health and Disease. Rotterdam, the Netherlands; PA1.14.08, 2017.
8. Stevens J, Reynolds KR, Cai J, Choh AC, Czerwinski SA. External validation of equations to predict percentage body fat using demographic and anthropometric measurements: Fels Longitudinal Study 1999–2006. *Obesity Facts*. 10 (Suppl 1), 122, 2017.
9. Peterson MJ, Czerwinski SA, Lee M, Choh A. Antecedent and current predictors of performance-based early frailty in midlife and older age: the Fels Longitudinal Study. *J Frail Aging*. 2016;5(Suppl 1):41.
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11. Marlatt K, MacLehose R, Choh AC, Czerwinski SA, Demerath EW. Visceral adipose tissue accumulates rapidly when percent body fat exceeds 30% in women and 16% in men aged 18-59 years. The Obesity Society Annual Meeting. Los Angeles, CA, T-P-3251, 2015.
12. Peterson MJ, Lee M, Choh AC, Czerwinski SA. Serial grip strength in mid-life and body composition in later-life: The Fels Longitudinal Study. Paper presented at: The Gerontological Society of America's 68th Annual Scientific Meeting. Orlando, FL. *The Gerontologist*. 55(suppl 2):27, 2015
13. Chumlea WC, Van Kan GA, Czerwinski SA. Sarcopenia in the elderly: Causes and consequences. 9th Amino Acid Assessment Workshop. Paris, France. 2015.

14. Ebert JR, Lee M, Kadakia M, Zhang J, Czerwinski SA. Inverse associations between cardiometabolic risk factors and 25-hydroxyvitamin D in obese children and adolescents. Paper presented at: Pediatric Academic Societies' 2015 Annual Meeting, San Diego, CA, 2015.
15. Bowling NA, Choh AC, Blackmore CE, Wurzbacher KA, Lee M, Czerwinski SA. The relationship between objective job autonomy and objective health. Society for Industrial and Organizational Psychiatry 30th Annual Meeting, Philadelphia, PA, 2015.
16. Johnson W, Choh AC, Lee M, Odegaard AO, Towne B, Czerwinski SA, Demerath EW. Is low infant BMI "Protective"? Counterintuitive relationship of infant BMI Z score with later life body composition trajectories. The 32nd Annual Scientific Meeting of the Obesity Society. Boston, MA; 587, 2014.
17. Lee M, Choh AC, Curran JE, Demerath EW, Bellis C, Dyer TD, Blangero J, Towne B, Czerwinski SA. Significant associations between genetic variation on chromosome 10p and arterial stiffness in adults from the Fels Longitudinal Study. American Heart Association EPI/NPAM Scientific Session Abstract Book. New Orleans, LA; 157, 2013.
18. Johnson W, Choh AC, Lee M, Towne B, Czerwinski SA, Demerath EW. Magnitude and timing of the peak in infant BMI is influenced by both environmental and genetic factors. Am J Hum Biol. 25(2):261, 2013.
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24. Towne B, Blangero J, Choh AC, Curran JE, Bellis C, Dyer TD, Demerath EW, Lee M, Czerwinski SA. Visceral adiposity linked to chromosome 9p24.2 in adults from the Fels Longitudinal Study. Paper presented at: 63rd Annual Meeting of The American Society of Human Genetics. Boston, MA, 2013.
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45. Lee M, Choh AC, Wurzbacher KA, Demerath EW, Sherwood RJ, Duren CM, Siervogel RM, Towne B, Czerwinski SA. Inverse associations between abdominal visceral adipose tissue and bone density. *J Bone Miner Res*:26(S1): S218, 2011.
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49. Khalil N, Lee M, Choh AC, Wurzbacher KA, Duren CM, Chumlea WC, Towne B, Siervogel RM, Czerwinski SA. Association of bone mineral density with insulin sensitivity indices in normoglycemic men and women in the Fels Longitudinal Study. *J Bone Miner Res*:26(S1): S210-211, 2011.
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191. Czerwinski SA, Mahaney MC, Blangero J, Rogers J. Do genes for body weight also influence bone mineral density? *Am J Phys Anthropol*: S28:114, 1999.
192. Mahaney MC, Czerwinski SA, Newman DE, Snider CL. Genetic and environmental contributions to hematological variation in pedigreed baboons. *Am J Phys Anthropol*: S28:188-9, 1999.
193. Czerwinski SA, Schell LM, Stark AD. Diet and lifestyle factors during pregnancy among socioeconomically disadvantaged urban women. *Am J Hum Biol*: 11(1), 1999.
194. Rogers J, Mahaney MC, Czerwinski SA, Morin PA, Joslin G. Genetic studies of osteoporosis: New linkage analyses in pedigreed baboons. Published in the program for the 11th International Workshop on Calcified Tissues.
195. Czerwinski SA, Mahaney MC, Blangero J, Newberg AH, Newman JS, Kahn A, Rogers J. Genetic correlation between serum IGF-1 levels and diffuse idiopathic skeletal hyperostosis (DISH) in pedigreed baboons. *Bone*: 23(S5): S281, 1998.
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197. Mahaney MC, Czerwinski SA, Blangero J, Rogers J. Genetic correlation between serum levels of human cartilage glycoprotein-39 (YKL-40) and osteocalcin in a pedigreed baboon model for age-related changes and pathology in bone. *Bone*: 23(S5): S275, 1998.
198. Mahaney MC, Czerwinski SA, Wang XL, Blangero J, MacCluer JW. Why genes for nitric oxide may not show linkage to blood pressure. *Circulation*: 98(17): I5, 1998.
199. Czerwinski SA, Mahaney MC, Williams JT, Almasy L, Blangero J. Genetic analysis of personality traits and alcoholism using a mixed discrete-continuous trait variance component model. Published in the program for the Genetic Analysis Workshop 11, 1998.
200. Gallo MV, Denham M, Schell LM, Stark AD, Czerwinski SA. Birthweight, length and body composition among Black-Americans and White-Americans of low socioeconomic status. *Am J Phys Anthropol*: S26:102, 1998.
201. Czerwinski SA, Schell LM, Stark AD. Prenatal lead exposure and infant adiposity. Published in the program for The Eighth International Congress of Auxology, 1997.

202. Gallo MV, Denham M, Schell LM, Stark AD, Czerwinski SA. Comparison of birth size among Black, White, and Hispanic Americans of low socioeconomic status. Published in the program for the Eighth International Congress of Auxology, 1997.
203. Czerwinski SA, Schell LM, Stark AD. Factors related to elevated blood lead levels in early childhood in Albany, NY. Published in the program for The First National Research Conference on Children's Environmental Health: Research, Practice, Prevention, Policy, 1997.
204. Czerwinski SA, Schell LM, Stark AD. Early childhood blood lead levels in Albany, N.Y. *Am J Hum Biol*: 8(1):112-3, 1996.
205. Czerwinski SA, Schell LM, Stark AD. Dietary assessment of socioeconomically disadvantaged pregnant women. *Am J Hum Biol*: 7(1):121, 1995.
206. Czerwinski SA, Schell LM, Stark AD, Grattan W. Maternal morphology and neonatal blood lead levels. *Am J Phys Anthropol*: S16: 77-8, 1993.

TEACHING EXPERIENCE

Courses taught

Year	Semester	Course	Institution
2018	Fall	Pediatric Epidemiology	Epidemiology, Human Genetics, & Environmental Sciences The University of Texas Health Science Center at Houston – School of Public Health
2018	Spring	Pediatric Epidemiology	Epidemiology, Human Genetics, & Environmental Sciences The University of Texas Health Science Center at Houston – School of Public Health
2017	Fall	Pediatric Epidemiology	Epidemiology, Human Genetics, & Environmental Sciences The University of Texas Health Science Center at Houston – School of Public Health
2015	Spring	Biostatistics for Health Professionals	Community Health Wright State University, Dayton OH
2014	Spring	Biostatistics for Health Professionals	Community Health Wright State University, Dayton OH
2014	Spring	Critical Thinking in Public Health	Community Health Wright State University, Dayton OH
2013	Fall	Critical Thinking in Public Health	Community Health Wright State University, Dayton OH
2002	Winter	Introduction to Physical Anthropology	Anthropology Wright State University, Dayton OH
2001	Spring	Introduction to Physical Anthropology	Anthropology Wright State University, Dayton OH
1997	Summer	Summer Course in Environmental Science (Fogarty/NIH-Sponsored)	School of Public Health University at Albany
1994	Fall	Introduction to Anthropology	Sociology and Anthropology Russell Sage College, Troy NY

1994	Spring	Introduction to Biological Anthropology (lab)	Anthropology University at Albany
1993	Spring	Human Physical Growth and Development	Anthropology University at Albany
1993	Summer	Human Physical Growth and Development	Anthropology University at Albany
1992	Summer	Introduction to Human Evolution	Anthropology University at Albany
1992	Spring	Introduction to Biological Anthropology (lab)	Anthropology University at Albany
1991	Fall	Introduction to Human Evolution (lab)	Anthropology University at Albany

Prepared to teach

Epidemiology I,II,III	Human Growth and Development
Genetic Epidemiology	Maternal and Child Health
Health Disparities Epidemiology	Urban Health
Chronic Disease Epidemiology	Epidemiology of Aging
Cardiovascular Epidemiology	Pediatric Epidemiology

Advisement

University of Texas Health Science Center at Houston, School of Public Health, Brownsville Campus.

Graduate Students

Name	Role	Degree	Degree Completion
Amanda Sierra	Academic advisor	MPH	Spring 2017
Veronica Medellin	Academic advisor	MPH	Spring 2017
Jeremy Lasater	Academic advisor	MPH	Summer 2017
Stephany Diaz	Academic advisor	MPH	Spring 2018
Karla Millan	Academic advisor	MPH	Spring 2018
Carolina Vela	Academic advisor	MPH	Spring 2018
Victoria Limon	Thesis supervisor	MPH	Spring 2018
Brandon Gonzalez	Academic advisor/thesis supervisor	MPH	Summer 2018
Michael Roa	Academic advisor/thesis supervisor	MPH	Current
Gabriel Yanez	Academic advisor	MS	Current
Alan Villarreal	Academic advisor	MPH	Current
Ariana Garza	Academic advisor/thesis supervisor	PhD	Current

Anayeli Herrera Morales	Academic advisor/thesis supervisor	PhD	Current
Maria Aguirre	Academic advisor/thesis supervisor	PhD	Current

Mentorship

Summer Institute for South Texas Public Health Research

Name	Role	Institution	Year
Yash Motwani	Co-mentor	Undergraduate Student, University of Texas at Austin	2018
Roma Bhandarkar	Co-mentor	Undergraduate Student, University of Texas at Austin	2017
Umer Jalil	Co-mentor	Undergraduate Student, University of Texas Rio Grande Valley	2017

Rio Grande Valley Summer Science Internship

Name	Role	Institution	Year
Oscar Hernandez	Primary Mentor	High School Student, Porter High School	2018

Wright State University

Graduate Students

Name	Role	Degree	Degree Completion
Gabriel Moreno	Committee Member	MS Biological Science Exercise Biology Concentration	Spring 2009
Sushant Taksande	Committee Member	MS Biological Science Exercise Biology Concentration	N/A

Postdoctoral Fellows

Name	Role	Title	Year
Naila Khalil, Ph.D.	Co-Primary Mentor (w/ Roger Siervogel)	Postdoctoral Fellow	2008-2010
Audrey C. Choh, Ph.D.	Co-Primary Mentor (w/ Roger Siervogel)	Postdoctoral Fellow	2003-2005
Miryoung Lee, Ph.D.	Co-Primary Mentor (w/ Roger Siervogel)	Postdoctoral Fellow	2003-2005
Kimberly Williams, Ph.D.	Secondary Mentor (Primary mentor: Bradford Towne)	Postdoctoral Fellow	2005-2008
Dana Duren, Ph.D.	Secondary Mentor (Primary mentor: Bradford Towne)	Postdoctoral Fellow	2001-2004

Nikki Rogers, Ph.D.	Secondary Mentor (Primary mentor: Bradford Towne)	Postdoctoral Fellow	2000-2003
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Short-term Training for Minority Students (STREAMS)

Name	Role	Institution	Year
Tevin Dorsey	Primary Mentor	Undergraduate Student, North Carolina A&T University	2015
Paloma Wiggins	Primary Mentor	Undergraduate Student, Smith College	2015
Nelson G. Castillo Rivera	Primary Mentor	Undergraduate Student, University of Puerto Rico-Recinto	2014
Darian Vernon	Primary Mentor	Undergraduate Student, University of South Carolina	2013
Nelson G. Castillo Rivera	Primary Mentor	Undergraduate Student, University of Puerto Rico-Recinto	2013
Afton Jackson	Primary Mentor	Undergraduate Student, Alcorn State University	2005
Obianuju Rita Mbamalu	Primary Mentor	Undergraduate Student, Vanderbilt University	2004
Brooke Middleton	Primary Mentor	Undergraduate Student, Wilberforce University	2001

Grand-Prep: Biomedical Graduate Preparation Program for Minority and Disadvantaged Students)

Name	Role	Institution	Year
Pamela Cullen	Primary Mentor (w/ AC Choh)	Wright State University	2013
Elizabeth Alvarez	Primary Mentor (w/ M Lee)	Wright State University	2011-2012

SERVICE AND ACADEMIC OUTREACH

Professional Memberships

American Association of Physical Anthropologists (AAPA)
 Human Biology Association (HBA)
 American Society for Bone and Mineral Research (ASBMR)
 American Association of Anthropological Genetics (AAAG)
 The Obesity Society (TOS)

American Heart Association (AHA)

American Diabetes Association (ADA)

Editorial Board

Associate Editor, *Frontiers in Applied Genetic Epidemiology*

Manuscript Reviewer

American Journal of Clinical Nutrition

American Journal of Human Biology

American Journal of Physical Anthropology

Annals of Human Biology

BMC Genetics

Circulation

Circulation: Cardiovascular Genetics

Genetic Analysis Workshop

Genetic Epidemiology

Human Biology

International Journal of Obesity

Journal of Pediatrics

Medical Genetics

Obesity Research

Honors, Recognition, and Outreach (in chronological order)

Role	Organization	Date
Member, Board of Trustees	Access Esperanza Clinics McAllen, TX 78501	Jan 2018 - present
Vice President, Board of Trustees	Virginia Hollinger Memorial Tennis Club Oakwood, OH 45409	Oct 2008 – Sept 2010
Member, Board of Trustees	Virginia Hollinger Memorial Tennis Club Oakwood, OH 45409	2007 – Sept 2010
Awardee	Ohio Commission on Minority Health, Academic, Scientific and Community Partnership Grant (with Combined Health District of Montgomery County)	2004 - 2006
Finalist	Roger Williams Memorial Award AHA Council on Epidemiology and Prevention	March 2001
Plenary Poster	American Society for Bone and Mineral Research	October 1999

International, National and University Service (in chronological order)*Grant Reviews*

Role	Organization	Date
<u>International</u>		
Member	The King Abdulaziz City for Science and Technology (KACST) Grant Program (the national science agency of Saudi Arabia) for the American Association for the Advancement of Science (AAAS)	January 2018
Member	The King Abdulaziz City for Science and Technology (KACST) Grant Program (the national science agency of Saudi Arabia) for the American Association for the Advancement of Science (AAAS)	August 2014
Member	The King Abdulaziz City for Science and Technology (KACST) Grant Program (the national science agency of Saudi Arabia) for the American Association for the Advancement of Science (AAAS)	August 2012
Member	The King Abdulaziz City for Science and Technology (KACST) Grant Program (the national science agency of Saudi Arabia) for the American Association for the Advancement of Science (AAAS)	August 2011
Member	Estonian Science Foundation	September 2005
<u>National</u>		
Member	NIH Member Conflict Panel (ZRG1 PSE R 02,03,04) Center for Scientific Review	June 2017
Chair	NIH Member Conflict Panel (ZRG1 PSE-D 02) Center for Scientific Review	June 2017
Chair	NIH Member Conflict Panel (ZRG1 PSE-U 02) Center for Scientific Review	November 2016
Ad hoc Member	NAME (Neurological, Aging and Musculoskeletal Epidemiology) Center for Scientific Review	February 2013
Ad hoc Member	Special Emphasis Panel (ZRG1 PSE-B-02) Center for Scientific Review	May 2012
Member	NIH Member Conflict Panel (ZRG1 PSE-M 03) Chronic Diseases	May 2011
Ad hoc Member	NIH Study Section KNOD (Kidney, Nutrition, Obesity and Diabetes) Center for Scientific Review	2010-2011
Ad hoc Member	Complex Human Genetics (ZRG1 GGG-M (50) R) Center for Scientific Review	December 2010
Chair	NIH Special Emphasis Panel (ZAG1 ZIJ-9 J5) National Institutes of Aging	May 2010

Chair	NIH Special Emphasis Panel (ZAG1 ZIJ-9 J5) National Institutes of Aging	November 2009
Member	NIH Member Conflict Panel (ZRG1 PSE-B 04) Population Sciences and Epidemiology IRG	December 2009
Member	NIH Special Emphasis Panel (ZRG1 PSE-C 58) NIH Challenge Grants Center for Scientific Review	June 2009
Ad hoc member	NIH Study Section NAME (Neurological, Aging and Musculoskeletal Epidemiology) Center for Scientific Review	June 2009
Member	NIH Special Emphasis Panel (ZRG1 HOP-D 05) Center for Scientific Review	October 2008
Chair	NIH Special Emphasis Panel (ZRG1 HOP-T 06) Center for Scientific Review	May 2008
Member	NIH Special Emphasis Panel (ICP1) International and Cooperative Projects-1 Study Section Center for Scientific Review	February 2008
Member	NIH Special Emphasis Panel (ZRG1 HOP-T) Community Interventions and Health Behaviors Center for Scientific Review	February 2008
Member	NIH Special Emphasis Panel Multidisciplinary Clinical Research Center (MCRC) P60 National Institute of Arthritis and Musculoskeletal and Skin Diseases Institute	October 2007
Member	NIH Special Emphasis Panel (HLB-S Workgroup 014) National Heart, Lung, and Blood Institute	October 2006
Ad hoc member	NIH Study Section KNOD (Kidney, Nutrition, Obesity and Diabetes) Center for Scientific Review	June 2006
Member	NIH Special Emphasis Panel (ZAR1 MLB-G M1 1) National Institute of Arthritis and Musculoskeletal and Skin Diseases (Specialized Centers)	March 2006
Member	NIH Special Emphasis Panel (ZRG1 HOP-S (50) Health of the Population (Community Participation in Research)	December 2005
Member	NIH Special Emphasis Panel (ZHL1 CSR-L M1) National Heart, Lung, and Blood Institute	May 2005
Member	NIH Special Emphasis Panel (ZAG1 ZIJ-9) National Institute of Aging	March 2005

Other Service

Role	Organization	Date
<u>International</u>		
Invited Participant	European Union/United States Task Force Designing Phase II B Trials in Sarcopenia, Albuquerque, NM, USA	July 27-28, 2010
Symposium organizer	“Sarcopenia: Definitions, risk factors and treatment” at the XIX th World Congress of Gerontology and Geriatrics Paris, France	July 2009
Symposium organizer	“Genetics of growth and development” at the Ninth International Congress of Auxology Turin, Italy	September 2000
<u>National</u>		
Member	Student Prize Committee for American Association of Physical Anthropologists Annual Meeting Anchorage, AK	March 2006
Invited Participant	National Institute of Aging, Aging and Genetic Epidemiology Investigators Meeting, Exploratory Projects for Longitudinal Genetic Epidemiologic Studies on Aging	January 2002
Invited Participant	National Institute of Aging, Aging and Genetic Epidemiology Investigators Meeting, Exploratory Projects for Longitudinal Genetic Epidemiologic Studies on Aging	January 2001
<u>University</u>		
Member	Endowed Professorship Review Committee Department of Human Genetics School of Medicine University of Texas Rio Grande Valley	March 2018
Member	Faculty Council The University of Texas Health Science Center at Houston School of Public Health	2017- present
Member	Preventive Medicine Residency Selection Committee School of Medicine /UTSPH-Brownsville (MPH) University of Texas Rio Grande Valley	2016- present
Instructor	South Texas Environmental Education and Research Program (STEER) School of Medicine University of Texas Rio Grande Valley	2016 to present
Participant	Faculty Leadership Academy Boonshoft School of Medicine Wright State University	2015-2016

Chair	Assistant/Associate Professor Search Committee Lifespan Health Research Center (Epidemiology) Wright State University	2013-2014
Member	Chairperson Evaluation Committee (Pharmacology/Toxicology) Boonshoft School of Medicine Wright State University	Winter 2013
Participant	AHEAD Neuroscience Working Group Wright State Research Institute	January 2013
Chair	Fels Longitudinal Study Data Sharing Committee Lifespan Health Research Center Wright State University	2010-2016
Participant	Faculty Leadership Academy Boonshoft School of Medicine Wright State University	2009-2010
Chair	Assistant/Associate Professor Search Committee Lifespan Health Research Center Wright State University	2007-2008
Chair	Postdoctoral Research Associate Search Committee Lifespan Health Research Center Wright State University	2007-2008
Member	Director Search Committee Lifespan Health Research Center Wright State University	2006-2008
