

David F. Stodden, Ph.D., C.S.C.S.

University of South Carolina
Professor, Department of Physical Education
Office 225, Columbia, SC 29208
stodden@mailbox.sc.edu
(803) 777-9882

ACADEMIC DEGREES

<u>Date</u>	<u>Degree</u>	<u>Major</u>	<u>University</u>
2002	Ph.D.	Motor Behavior	Auburn University
1998	M.S.	Exercise and Sport Science	Iowa State University
1994	B.S.	Biology	Buena Vista University

PROFESSIONAL ACADEMIC POSITIONS

Director, Human Performance & Development Laboratory, University of South Carolina (2018-present)

Professor, Department of Physical Education, University of South Carolina (2017-present)

Interim Director, Yvonne & Schuyler Moore Child Development Research Center, University of South Carolina (2016-2018)

Doctoral Program Coordinator, Department of Physical Education & Athletic Training, University of South Carolina (2014-2016, 2019-2020)

Associate Professor, Department of Physical Education & Athletic Training, University of South Carolina (2013-2016)

Associate Professor, Department of Health, Exercise, & Sport Sciences, Texas Tech University (2008-2013)

Assistant Professor, School of Human Movement, Sport, and Leisure Studies, Bowling Green State University (2002-2008)

Director, Human Movement Laboratory, School of Human Movement Sport & Leisure Studies, Bowling Green State University (2004-2008)

HONORS AND AWARDS

12 Keynote and 27 invited Scholarly Presentations

South Carolina Association for Health, Physical Education Recreation & Dance (SCAHPERD) Scholar Award (2019)

University of South Carolina College of Education Research Award (2018)

International Visiting Scholar, Ghent University – Ghent, Belgium (2017, 2018)

Founding Organizing Committee Member, International Motor Development Research Consortium - (2016)

Invited Scholar, University of Verona – Verona, Italy (2016)

Invited Scholar, Coventry University – Coventry, UK (2016)

Invited Research Panelist, Illinois Childhood Activity Program (I-CAP) (2016)
 Senior Scientist, Yvonne & Schuyler Moore Child Development Research Center (2015-present)
 Honorary Research Fellow, University of Wales Trinity Saint David, Wales (2014)
 Featured Scholar, Office of the Vice President for Research, University of South Carolina (2014)
 National Academies, Institutes of Medicine - committee member, Fitness Measures and Health Outcomes in Youth (2011-2012)
 Invited Member, National Physical Activity Plan, Education Sector Committee (2010-2012)
 Invited Member Conflict SEP, Psychosocial Risk and Disease Prevention (PRDP) Study Section (2011)
 Invited Ad Hoc Member, Behavioral Medicine, Interventions and Outcomes (BMIO) Study Section (2010, 2013)
 Elected Chair, Motor Development & Learning Academy (AAHPERD) (2009)
 AAHPERD Research Consortium Fellow (2007-present)
 Lolas Halverson Motor Development Research Award (2006) NASPE (Motor Development and Learning Academy)

RESEARCH

My research agenda for the past 20 years has focused on promoting the acquisition and development of motor competence and its impact on physical activity, health-related physical fitness, perceived competence, obesity and other developmental constructs across the lifespan.

Over 6500 citations in Google Scholar – Nov 2020

See https://scholar.google.com/scholar?hl=en&q=stodden+df&btnG=&as_sdt=1%2C41&as_sdtp=

RESEARCH GRANTS – TOTAL FUNDING ≈ \$4,300,000

A. External Funding

- Brian, A., **Stodden, D. F.**, Dickenson, T., Wainwright, N., Taunton, S., & Goodway, J. D. (2019-2021). SKIPPING with PALS: An integrative gross motor and physical activity intervention for parents and their preschool-aged children from rural, low SES settings. Duke Endowment Foundation (Direct Costs - \$600,000). **(Co-I)**.
- Re, A. H. N., (PI), Fiorindo, A.A., Okely, T., **Stodden, D.F.**, Cattuzzo, M.T. (2017-2019). Promoting Quality Physical Activity in Children. FAPESP-Brasil Grant (Funded). Role Associate Researcher **(no direct funding allocated)**.
- Sacko, R., **Stodden, D. F.** (2016-2017). *Metabolic Expenditure of Fundamental Motor Skill Performance*. University of South Carolina. SHAPE America (Society of Health and Physical Educators) Graduate Research Grant. \$2,500.

Robinson, L.E., **Stodden, D. F.**, Colabianchi, N. and Wang, L. (2016-2021). *A PATH (Promoting Activity and Trajectories of Health) for Children*. National Health, Lung and Blood Institute. R01. \$2,667,929 **(Co-I – Subcontract)**

Stodden, D. F., Gao, Z., & Feng, D. (2012-2013) *Impact of Interactive Video Games on Underserved Children's Health*. Eunice Kennedy Shriver National Institute of Child Health and Human Development. 1R15HD071514-01A1. \$432,225. **(PI)**

*Roncesvalles, N., **Stodden, D. F.**, Gao, Z., & Feng, D. (2014-2016). *Impact of Interactive Video Games on Underserved Children's Health*. Eunice Kennedy Shriver National Institute of Child Health and Human Development. 1R15HD071514-01A1. \$432,225. **Revised subcontract as Co-I at University of South Carolina**

Goodway, J. D., **Stodden, D. F.**, Langendorfer, S. J., (2009-2011). *Examining the Dynamic Relationship between Motor Skill Competence and Physical Activity*. Eunice Kennedy Shriver National Institute of Child Health and Human Development. R21HD055621-01A2. \$392,612. **(Co-I)**

Stodden, D. F., Langendorfer, S. J. (2006-2009). *Association between Motor Skillfulness and Physical Fitness*. NASPE Research Grant Program. American Alliance for Health, Physical Education, Recreation, and Dance. \$30,000. **(PI)**

B. Internal Funding

Stodden, D.F., Hikmet, N., Moore, D. (2019-2020). Southeastern Corridor Defense Initiative. Office of the Vice President for Research. \$100,000, **(PI)**

Stodden, D.F., Monsma, E.M., Brian A. (2016). 2nd Assembly of the International Consortium of Motor Development Research - ICoMDR-II. International Visiting Scholars Grant Program. Office of the Provost. \$9,200. **(PI)**

Nesbitt, D., **Stodden, D. F.** (2015-2016). *Examining Supine-to-Stand as a Measure of Functional Capacity and Health Across the Lifespan*. SPARC Graduate Research Grant, Office of the Vice President for Research, University of South Carolina. \$5,000. **(Doctoral Advisor)**

Stodden, D. F., Medina, A. Meyer, J. Mensch, J. Goins, J., Monsma (2014-2015). *Association between Functional Movement Proficiency, Health-Related Fitness and Injury Incidence in Youth Athletes*. College of Education. University of South Carolina. \$4,873. **(PI)**

Eades, S., **Stodden, D. F.** (2014-2015). *Examining Change in Health-Related Fitness in Children with High and Low Motor Competence*. Magellan Scholar Undergraduate Research Grant. University of South Carolina \$2,779. **(Research Mentor)**

Stodden, D. F., (2006-2007). *Associations among Motor Skillfulness and Physical Fitness and Physical Activity*. Research Incentive Grant, Faculty Research Committee, Office of Sponsored Programs and Research, Bowling Green State University. \$9,538.

Stodden, D. F., (2006-2007). *Associations among Motor Skillfulness and Physical Fitness and Physical Activity*. Scholars Assistance Program, Office of Sponsored Programs and Research, Bowling Green State University. \$582.

Stodden, D. F., Langendorfer, S. J., & Robertson, M. A., (2005-2006). *Association between Motor Skillfulness and Aspects of Physical Fitness*. College of Education and Human Development Research Grant. Bowling Green State University. \$12,486. **(PI)**

Stodden, D. F. (2003). *Identifying Kinematic Constraints in Overarm Throwing*. Scholars Assistance Program, Office of Sponsored Programs and Research, Bowling Green State University. \$1500.

C. **Pending**

D. **Not Funded**

Brian, A., Lloyd, M., Mulvey, K. L., Weaver, R. G., DiStefano, C., & Stodden, D. F. (in review).

Examining the efficacy of a universally-designed motor skill intervention on social-emotional and other outcomes in young children with and without disabilities in inclusive classrooms. Institute of Educational Sciences Goal 3 Efficacy Grant, \$2,997,763 (Direct Costs - \$2,119,256). **(Co-I)**

Lenoir, M. (PI), Haerens, L., D'Hondt, E. **Stodden, D.F.**, Barnett, L.M. (2018). Motor competence in young children (MOCOKIDS) FWO Application for a Scientific Research Network. The purpose of this project is to promote an international research network with specific research groups. Travel funding for network research meetings was the focus of the proposal. (€12,500). **(Role – U.S. Research Group Leader)**

Brian, A., Mulvey, K. L., **Stodden, D. F.**, Weaver, R. G., DiStefano, C., & Davis, V. (2018, not funded). *Helping young disadvantaged children SKIP to an active start*. National Institute of Health R01, \$3,217,812 (Direct Costs - \$ 2,500,000)

Brian, A., Lloyd, M., Mulvey, K. L., Weaver, R. G., DiStefano, C., & **Stodden, D. F.** (2018, not funded). *Examining the efficacy of a universally-designed motor skill intervention on social-emotional and other outcomes in young children with and without disabilities in inclusive classrooms*. Institute of Educational Sciences Goal 3 Efficacy Grant, \$2,997,763 (Direct Costs - \$2,119,256).

Brian, A., **Stodden, D.F.**, Mulvey, K. L., Weaver, R. G., Dickenson, T., & Lloyd, M. (2018, scored, not funded). *Skipping for health: A universal path for all kids*. National Institute of Health R21 Exploratory Grant, Parent Investigator Initiated \$402,000 (Direct Costs - \$275,000).

Webster, C. A., Brian, A., **Stodden, D. F.**, Mulvey, K. L., & Weaver, R. G. (2018, scored, not funded). *Patient-centered versus usual health promotion practices with ethnic/racial minority, low-income preschool children: A Comparative effectiveness study*. Patient-Centered Outcomes Research Institute Addressing Disparities Grant, \$1,500,000

Brian, A., Webster, C. A., Weaver, R. G., **Stodden, D. F.**, DiStefano, C., & Goodway, J. D. (2017, not funded). *Educating teachers to help disadvantaged children SKIP to an active start*. National Institute of Health R21 Exploratory Grant, Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents Grant \$402,875 (Direct costs - \$275,000)

Brian, A., Webster, C. A., Weaver, R. G., **Stodden, D. F.**, DiStefano, C., & Goodway, J. D. (2017, not funded). *Educating teachers to help disadvantaged children SKIP to an active start*. National Institute of Health R21 Exploratory Grant, Healthy Habits: Timing for Developing Sustainable Healthy Behaviors in Children and Adolescents Grant \$402,875 (Direct costs - \$275,000). – **Co-PI**

Webster, C., Brian, A., Mulvey, K. L., **Stodden, D.F.**, & Knopf, H. (2016, not funded). *Patient-centered versus usual health promotion practices with ethnic/racial minority, low-income preschool children: A Comparative effectiveness study*. Patient-Centered Outcomes Research Institute Addressing Disparities Grant, \$1,500,000 – **(Co-I)**.

- Brian, A., Webster, C., **Stodden, D.F.**, Mulvey, K. L., & Knopf, H. (2016, not funded). *Moving children towards an active start*. Caplan Foundation for Early Childhood Education and Play Research Grant, \$142,000 – **(Co-I)**
- Duncan, M., **Stodden, D.F.**, et al. European Union COST Action Proposal OC-2016-2-21467. Duncan, M. PI " *Understanding the role of fundamental movement skills on children's health* ". (€400,000). The EU-COST action proposal is a 3 year networking grant focused on creating a synergistic research network with 14 partner countries across the European Union, United States and Australia. **(Co-I)**
- Palmer, K. K. (2017) NIH- NRSA F3117-PAF06146. *Effects of skill practice and time on-task in movement environments on preschoolers' motor skill learning*. University of Michigan. **Faculty Mentor**.
- Webster, C. A., Weaver, R. G., Zarrett, N., **Stodden, D. F.**, & Beets, M. (2015). *Partnerships for Active Children in Elementary Schools (PACES)*. NIH R-21 Exploratory Grant. \$414, 330. **Co-I**.
- Webster, C.A., Weaver, R. G., Beets, M., Vazou, S., Zarrett, N., & **Stodden, D.F.** (2015). *Partnerships for Active Children in Elementary Schools (PACES)*. *ASPIRE II* Proposal. \$94,709. **Co-I**.
- Brown, W.H., Pate, R. Beets, M., **Stodden, D.F.** (2014). *Physical Activity with Preschool Children with Developmental Delays*, *ASPIRE II* Proposal. \$100,000). **Co-PI**.
- Medina, A., Meyer, J. Mench, J. **Stodden, D. F.**, (Nov, 2013). *Association between Functional Movement Proficiency, Injury Incidence, and Health Indices in Youth Athletes*. Mid-Atlantic Athletic Training Association. \$1,147. **(Co-I)**
- Ainsworth, B. (PI), **Stodden, D. F.**, Keller, C., Swan, P., Szalacha, L. (2011). *Motor Skill Competence, Physical Activity, and Fitness in Perimenopausal Women*. NIH R21 Exploratory Grant. \$275,000. Priority Score 30. **(Co-PI)**
- Esperat, C., Feng, D., **Stodden, D.**, Gao, Z., Cooper, J., Chauncey, K., Boylan, M., McMurry, L., Song, H., Flores, D., Billings, L., & Borrego, J. (2011). *Transformacion Para Salud: Prevention and Control of Overweight and Obesity among Children in West Texas*. United States Department of Agriculture-AFRI Childhood Obesity Prevention 2011. \$2,500,000. **(Co-PI)**
- Gao, Z., & **Stodden, D.** (2011). *Impact of Exergaming on Children's Physical Activity Behavior and Fitness*. AAHPERD Research Consortium Early Career Grants. \$7,500. **(Co-I)**
- Gao, Z., & **Stodden, D. F.** (2011). *Impact of Interactive Games on Underserved Minority Children's Motor Skills and Fitness*. J. R. Albert Foundation. \$144,655. **(Co-I)**
- Esperat, C., **Stodden, D. F.**, Gao, Z., Feng, D., Cooper, J., Chauncey, K., Boylan, M., McMurry, L., Song, H., Flores, D., Billings, L., & Borrego, J. (2011). *Prevention and Control of Childhood Obesity among Underserved Vulnerable Populations*. National Institutes of Health, R13HD071717-01. \$34, 880. **(Co-PI)**
- Stodden, D. F.**, Lochbaum, M., Taylor, W. C. (2011). *Associations among Motor Competence, Physical Activity and Fitness in Adults*. NIH R21 Exploratory Grant. \$458,106. **(PI)**
- Urbin, M.A., Fischman, M.G., Madsen, N.H., & **Stodden, D.F.** (2010). *Visual Feedback Processing in Overarm Throwing*. NSF PD 09-7252. \$412,680. **(Co-PI)**
- Gao, Z., Lochbaum, M., & **Stodden, D. F.** (2010). *Using accelerometers and interactive fitness to promote health*. Texas Tech University HEAF Research Instrument Funds. \$64,462. **(Co-I)**
- Gao, Z., Lochbaum, M., Griffin, L. K., **Stodden, D. F.**, & Burley, H. (2010). *Effect of Take 10! on children's physical fitness and behaviors*. AAHPERD Research Consortium Early Career Grants. \$7,500. **(Co-I)**

- Griffin, L. K., Lochbaum, M., **Stodden, D. F.**, & Gao, Z., (2010). *Impact of Teaching Games for Understanding on teachers, teacher candidates and students*. AAHPERD Research Consortium Early Career Grants. \$7,500. **(Co-I)**
- Gao, Z., Lochbaum, M., Griffin, L. K., **Stodden, D. F.**, & Burley, H. (2010). *Effect of Take 10! on children's physical fitness and behaviors*. AAHPERD Research Consortium Early Career Grants. \$7,500. **(Co-I)**
- Reed, D., Wang, S., Lochbaum, M., **Stodden, D. F.**, Ulmer, J., Harp, S., Boyce, J., Zhang, Y. (2009). *Fresh, Fit, and Sustainable – Improving Nutrition and Physical Fitness in University Freshmen using Innovative Technology and Tailored Messaging*. USDA-AFRI. \$1,494,904. **(Co-PI)**
- Hart, M., Meaney, K., Griffin, L., Sawyer, R., **Stodden, D. F.**, Roncesvalles, M. (2009). *Tahoka 2-Step: Increasing Physical Activity and Healthy Lifestyle Choices*. U.S. Department of Education – Carol M. White Physical Education Program, Federal, \$612,880. **(Co-I)**
- Stodden, D.**, Hart, M., Meaney, K., Roncesvalles, M., Griffin, L., Boros, R., (2009). *The Effect of Motor Skill Competence on Obesity in Latino Children and Adolescents*. Robert Wood Johnson Foundation, \$75,000. **(PI)**
- Stodden, D. F.** Adams, S. R., Langendorfer, S. J., & Tell D. (2008). *Association between Motor Skill Competence and Physical Fitness in Dance*. College of Education and Human Development Research Grant. \$12,436. **(PI)**

SCHOLARLY PUBLICATIONS

A. Publications

(1) Books

- Brooks, T. & **Stodden D. F.** (2012). *Essentials of Youth Conditioning and Fitness: The International Youth Conditioning Association Youth Fitness Specialist Level 1*. Vervante Publishers, Springville, UT.

(2) Book Chapters

- Barnett, L., **Stodden, D.F.**, Sacko, R.S., Hulteen, R. (2020). MOTOR COMPETENCE ASSESSMENT. Chapter 19. *The Routledge Handbook of Youth Physical Activity*.
- Lee, J., **Stodden, D. F.**, Zhang, T., Yan, A. F., & Gao, Z. (2015). Mediating role of perceived competence on children's perceived exergaming skills, physical activity and fitness. In Z. Gao, & Z. Pope (Eds.), *Physical activity behaviors and determinants in children and adolescents* (pp. 117-130). Hauppauge, NY: Nova Science Publishers.
- Langendorfer, S. J., Robertson, M. A. & **Stodden, D. F.** (2011). Chapter 9: Biomechanical Aspects of the Development of Object Projection Skills. In De Ste Croix & Korff (Ed), pp.180-206. *Paediatric Biomechanics and Motor Control: Theory and Application*. Oxford: Routledge.

(3) Journal articles (105)

Names in *italics* denote graduate student author contributions under my supervision

* Denotes senior author role.

+ Denotes International author collaboration

- Sacko, R.S., +Utesch, T., +Bardid, F., ***Stodden, D.F.** The impact of motor competence on energy expenditure during object projection skill performance in children and young adults. *Brazilian Journal of Motor Behavior*. (submitted).
- Sacko, R.S., +Utesch, T., +Cordovil, R., +DeMeester, A., Ferkel, R. True, L., Gao, Z., Goodway, J.D., Bott, T.S., ***Stodden D.F.** (2020). Developmental sequences for observing and assessing forceful kicking. *European Physical Education Review*. October 2020. doi:10.1177/1356336X20962134
- De Meester, A., Barnett, L.M., Brian, A.... & **Stodden, D. F.** (2020). The Relationship Between Actual and Perceived Motor Competence in Children, Adolescents and Young Adults: A Systematic Review and Meta-analysis. *Sports Medicine*. <https://doi.org/10.1007/s40279-020-01336-2> (**Impact Factor: 9.76**)
- Brian, A., Getchell, N., True, L., De Meester A., **Stodden D.F.** (2020). Reconceptualizing and Operationalizing Seefeldt's Proficiency Barrier: Applications and Future Directions. *Sports Medicine*. <https://doi.org/10.1007/s40279-020-01332-6> (**Impact Factor: 9.76**)
- +Lopes, V. P.; Malina, R. M.; Lopes, L.; Santos, R.; **Stodden, D. F.**; Rodrigues, L. P. (In Press). Testing the motor proficiency barrier hypothesis for physical activity and weight status in youth. *Journal of Sport and Health Research*. (**Impact Factor: 3.49**)
- +Pesce, C, Lakes, K.D., **Stodden, D.F.**, Marchetti, R. (2020). Fostering Self-Control Development With a Designed Intervention in Physical Education: A Two-Year Class-Randomized Trial. *Child Development*.1-22. DOI: 10.1111/cdev.13445 (**Impact Factor: 4.89**)
- Pope, Z.C., Huang, C., **Stodden, D.F.**, McDonough, D.J. Gao, Z. (in press). Effect of Children's Weight Status on Physical Activity and Sedentary Behavior during Physical Education, Recess, and After School. *Journal of Clinical Medicine*. (**Impact Factor: 3.03**)
- +Cattuzzo, M. T., Santana, F. S. D., Safons, M. P., Ré, A. H. N., Nesbitt, D. R., Santos, A. B. D., ... & ***Stodden, D. F.** (2020). Assessment in the Supine-To-Stand Task and Functional Health from Youth to Old Age: A Systematic Review. *International journal of environmental research and public health*, 17(16), 5794. (**Impact Factor: 2.85**)
- Robinson LE, Wang L, Colabianchi N, **Stodden D.F.**, Ulrich, D. (2020). Protocol for a two-cohort randomized cluster clinical trial of a motor skills intervention: The Promoting Activity and Trajectories of Health (PATH) Study. *BMJ Open*;10:e037497. doi: 10.1136/bmjopen-2020-037497 (**Impact Factor: 2.50**)
- +Duncan, M. J., Dobell, A., Noon, M., Clark, C. C., Roscoe, C. M., Faghy, M. A., **Stodden, D.F.**, ... & Eyre, E. L. (2020). Calibration and Cross-Validation of Accelerometry for Estimating Movement Skills in Children Aged 8–12 Years. *Sensors*, 20(10), 2776. (**Impact Factor: 3.28**)
- Lima, R. A., **Stodden, D. F.**, Pfeiffer, K. A., Larsen, L. R., Barros, M. V., Bugge, A., & Andersen, L. B. (2020). Dynamic Balance, but Not Precision Throw, Is Positively Associated with Academic Performance in Children. *International Journal of Environmental Research and Public Health*, 17(8), 2790. (**Impact Factor: 2.47**)
- +Jaakkola, T., Yli-Piipari, S., **Stodden, D. F.**, Huhtiniemi, M., Salin, K., Seppälä, S., ... & Gråstén, A. (2020). Identifying childhood movement profiles and tracking physical activity and sedentary time across 1 year. *Translational Sports Medicine*. 1-8. DOI: 10.1002/tsm2.156

- +Ré, A.H.N., Okely, T. Logan, S., +Silva, M., +Cattuzzo, M.T., **Stodden, D.F.** (2020). Relationship between meeting physical activity guidelines and motor competence among low-income school youth. *Journal of Science & Medicine in Sport*, 23,6. 591-595. **(Impact Factor: 3.61)**
- Pfeifer C.E., Sacko, R.S., Ortaglia, A., Beattie, P.F, ***Stodden, D.F.** (2019 ahead of Print). Fit to Play? Health-Related Fitness of Youth Athletes. *Journal of Strength & Conditioning Research*. (Impact Factor: 2.97)
- Ferkel, R. C., **Stodden, D. F.**, & Fisher, K. M. (2019). Differences between student outcomes in high school physical education: Fitness education curriculum vs. sport-based curriculum. *International Journal of Physical Education, Sports and Health*, 6(4): 174-179. **(Impact Factor: 5.2)**
- +Henrique, R. S., **Stodden, D. F.**, Fransen, J., Feitoza, A. H., Ré, A. H., Martins, C. M., ... & Cattuzzo, M. T. (2019). Is motor competence associated with the risk of central obesity in preschoolers?. *American Journal of Human Biology*. DOI: 10.1002/ajhb.23364 **(Impact Factor: 1.56)**
- +Avigo, E. L. L., **Stodden, D. F.**, +Silva, A. A., +Rodrigues, V. B., & +Barela, J. A. (2019). Motor competence deficit in urban-area Brazilian children based on chronological age. *Brazilian Journal of Motor Behavior*, 13(2), 52-63. **(Impact Factor: .73)**
- +Coppens, E., +Bardid, F., +Deconinck, F. J., +Haerens, L., **Stodden, D.F.**, +D'Hondt, E., & +Lenoir, M.E. (2019). Developmental change in motor competence: A latent growth curve analysis. *Frontiers in Physiology*, 10, 1273. **(Impact Factor: 4.13)**
- Carlisle, C.C., Weaver, G.R., **Stodden D.F.**, +Cattuzzo, M.T. (2019). Contribution of Organized Sport Participation to Health-Related Fitness in Adolescents. *Global Pediatric Health*, 6, 1-6. <https://doi.org/10.1177/2333794X19884191>
- Zhang, P., Lee, J. E., Stodden, D. F., & Gao, Z. (2019). Longitudinal Trajectories of Children's Physical Activity and Sedentary Behaviors on Weekdays and Weekends. *Journal of Physical Activity and Health*, 16(12), 1123-1128. **(Impact Factor: 2.12)**
- +Lima, R. A., +Bugge, A., +Ersbøll, A. K., **Stodden, D. F.**, +Andersen, L.B., (2019). The longitudinal relationship between motor competence and measures of fatness and fitness from childhood into adolescence. *Jornal de Pediatria (Versão em Português)*, 95(4), 482-488. **(Impact Factor: 2.08)**
- Sacko, R. S., McIver, K., Brazendale, K., Pfeifer, C., Brian, A., Nesbitt, D. R., & ***Stodden, D. F.** (2019). Comparison of Indirect Calorimetry-and Accelerometry-Based Energy Expenditure During Children's Discrete Skill Performance. *Research quarterly for exercise and sport*, 90(4), 629-640. DOI: 10.1080/02701367.2019.1642440 **(Impact Factor: 2.01)**
- Brian, A., Pennell, A., Taunton Meidema, S., Starrett, A., Howard-Shaughnessy, C., Goodway, J. D., Wadsworth, D., Rudisill, M., & ***Stodden, D. F.** (2019). Motor competence levels and developmental delay in early childhood: A multicenter cross-sectional study conducted in the United States, *Sports Medicine*. **(Impact Factor: 9.76)**
- Stewart, G., Webster, C.A., **Stodden, D.F.**, Brian, A., Egan, C.A., Weaver, R.G. (2019). The Association of Children's Participation in School Physical Activity Opportunities with Classroom Conduct. *International Journal of Educational Research*. 97, 22-28. **(Impact Factor: 1.34)**
- Kramer, T. A., Sacko, R. S., Pfeifer, C. E., Gatens, D. R., Goins, J. M., & **Stodden, D. F.** (2019). The Association Between the Functional Movement Screen™, Y-Balance Test, and Physical Performance in Male and Female High School Athletes. *International Journal of Sports Physical Therapy*. 14(6), 911-919. **(Impact Factor: 2.55)**

- +Valdívia, A.B., +Henrique, R.S., +Pereira, S., Chaves, R.N., +Tani, G., +Freitas, D., +Prista A, **Stodden, D.F.**, Katzmarzyk, P.T., Hedeker, +Maia, J. (2019). Familial resemblance in gross motor coordination. The Peruvian Sibling Study on Growth and Health. *Annals of human biology*, 1-23. **(Impact Factor: 1.81)**
- +Jaakkola, T., +Huhtiniemi, M., +Salin, K., +Seppälä, S., +Lahti, J., +Hakonen, H., & **Stodden, D. F.** (2019). Motor competence, perceived physical competence, physical fitness, and physical activity within Finnish children. *Scandinavian journal of medicine & science in sports*. DOI: 10.1111/sms.13412 **(Impact Factor: 3.62)**
- Sacko, R. S., Nesbitt, D., McIver, K., Brian, A., Bardid, F., & ***Stodden, D. F.** (2019). Children's Metabolic Expenditure during Object Projection Skill Performance: New Insight for Activity Intensity Relativity. *Journal of Sports Sciences*. doi.org/10.1080/02640414.2019.1592801 **(Impact Factor: 2.73)**
- +Hill, M.W., +Wdowski, M.M., Pennell, A., **Stodden, D.F.**, & +Duncan, M.J. (2019). Dynamic postural control in children: Do the arms lend the legs a helping hand? *Frontiers in Physiology*. doi: 10.3389/fphys.2018.01932 **(Impact Factor: 4.13)**
- Stewart, G., Webster, C. A., Weaver, R. G., **Stodden, D. F.**, Brian, A., Egan, C. A., Michael, R. D., Sacko, R., & Patey, M. (2019). Evaluation of a classroom movement integration training delivered in a low socioeconomic school district. *Evaluation and Program Planning*. <https://doi.org/10.1016/j.evalprogplan.2018.12.010> **(Impact Factor: 1.21)**
- +Luz, C., +Cordovil, R., +Rodrigues, L. P., Gao, Z., Goodway, J., Sacko, R. S., ... ***Stodden, D. F.** (2019). Motor Competence and Health Related Fitness in Children: A Cross-cultural Comparison between Portugal and the United States. *Journal of Sport and Health Science*. <https://doi.org/10.1016/j.jshs.2019.01.005> **(Impact Factor: 2.59)**
- Molina, S. L., Bott, T. S., & ***Stodden, D. F.** (2019). Applications of the speed-accuracy trade-off and impulse variability theory for teaching ballistic motor skills. *Journal of Motor Behavior*. DOI: 10.1080/00222895.2019.1565526 **(Impact Factor: 1.41)**
- Egan, C. A., Webster, C. A., Stewart, G. L., Weaver, R. G., Brian, A., & **Stodden, D.F.**, Russ, L. B., (2019). Case study of a health optimizing physical education-based comprehensive school physical activity program. *Evaluation and program planning*, 72, 106-117.
- Pfeifer, C. E., Sacko R. S., Ortaglia A, Monsma E. V., Beattie P. F., Goins J., ***Stodden, D.F.** (2019). Functional Movement Screen in Youth Sport Participants: Evaluating the Proficiency Barrier for Injury. *International Journal of Sports Physical Therapy*, 14(3), 436-444. **(Impact Factor: 3.54)**
- Stewart, G., Webster, C. A., Brian, A., **Stodden, D. F.**, Egan, C. A., & Weaver, R. G. (2018). Systematically Observed Movement Integration in a Low Socioeconomic School District: A Cross-Sectional, Observational Study. *American Journal of Health Promotion*, 1-7. DOI: 10.1177/0890117118819348. **(Impact Factor: 1.60)**
- Sacko, R.S., Brazendale, K., Brian, A., McIver, K., Nesbitt, D., Pfeifer, C., ***Stodden D.F.** (2018). Comparison of Indirect Calorimetry- and Accelerometry-based Energy Expenditure During Object Project Skill Performance. *Measurement in Physical Education and Exercise Science*, 1-11. **(Impact Factor: 1.67)**
- Ye, S., Lee, J., **Stodden, D.F.**, Gao, Z. (2018). Impact of exergaming on children's motor skill performance and health-related fitness: A quasi-experimental study. *Journal of Clinical Medicine*,

- 7(6). doi:10.3390/jcm709026. <http://www.mdpi.com/2077-0383/7/9/261/htm> (Impact Factor: 5.58)
- Sacko, R. S., McIver, K., Brian, A., & *Stodden, D. F. (2018). New insight for activity intensity relativity, metabolic expenditure during object projection skill performance. *Journal of sports sciences*, 1-7. <https://doi.org/10.1080/02640414.2018.1459152>. (Impact Factor: 2.34)
- +Hulteen, R.M., +Morgan, P.J., +Barnett, L.M., Stodden, D.F. +Lubans, D.R. (2018). Development of foundational movement skills: A conceptual model for physical activity across the lifespan. *Sports Medicine*, 48(7), 1533-1540 (Impact Factor: 7.1)
- Nesbitt, D. R., Molina, S., Sacko, R., Robinson, L., Brian, A., & *Stodden, D. F. (2018). Examining the feasibility of supine-to-stand as a measure of functional motor competence. *Journal of Motor Learning and Development*, 1-34. <https://doi.org/10.1123/jmld.2017-0016>.
- Brian, A., Haegele, J., Nesbitt, D., Lieberman, L., Bostick, L., Taunton, S., & Stodden, D. F. (2018). Perceptions of motor competence for children with and without visual impairments. *Journal of Visual Impairments and Blindness*.112(1),118-124.
- +De Meester, A., Stodden, D. F., Brian, A., True, L., Ferkel, R., Goodway, J. D., +Haerens, L. (2018). Identification of a motor competence proficiency barrier for meeting physical activity guidelines. *Journal of Science and Medicine in Sport*, 21(1), 58-62. DOI: 10.1080/17408989.2017.1341474. (Impact Factor: 3.8)
- Egan, C.A., Webster, C.A., Weaver, R.G., Brian, A., Stodden, D.F., Russ, L.B., Nesbitt, D., & Vazou, S. (2018). Partnerships for Active Children in Elementary Schools (PACES): First year process evaluation. *Evaluation and Program Planning*, 67, 61-69. (Impact Factor: 1.21)
- Logan, S.W., Ross, S.M., Chee, K., Stodden, D.F., & Robinson, L.E. (2018). Fundamental motor skills: A systematic review of terminology. *Journal of Sports Sciences*. <http://dx.doi.org/10.1080/02640414.2017.1340660>. (Impact Factor: 2.4)
- Lane, A. P., Molina, S. L., Tolleson, D. A., Langendorfer, S. J., Goodway, J. D., & *Stodden, D. F. (2017). Developmental sequences for the standing long jump landing: A pre-longitudinal screening. *Journal of Motor Learning and Development*. 1-26. <https://doi.org/10.1123/jmld.2016-0058>
- +Khodaverdi, Z., Goodway, J. D., & *Stodden, D. F. (2017). Associations between physical activity and health-related physical fitness across childhood. *Turkish Journal of Sport and Science*, 19(2), 169-176. DOI: 10.15314/tsed.315806.
- +Duncan, M., +Lawson, C., +Walker, L. J., Stodden D. F. & +Eyre, E. (2017). The utility of the supine to stand test as a measure of functional motor competence in children aged 5-9 years old. *Sports*. 5(3), 67; doi:[10.3390/sports5030067](https://doi.org/10.3390/sports5030067)
- Molina, S. L. & *Stodden, D. F. (2017) Examining impulse-variability theory and the speed-accuracy trade-off in children's overarm throwing performance. *Motor Control*. 1-23. <https://doi.org/10.1123/mc.2016-0046>. (Impact Factor: 1.5)
- +Lopes, V.P., Stodden, D. F., +Rodriguez, L.P. (2017). Effectiveness of Physical Education to Promote Motor Competence in Primary School Children. *Physical Education and Sport Pedagogy*, 1-14. doi.org/10.1080/17408989.2017.1341474. (Impact Factor: 1.6)
- True, L., Brian, A., Goodway, J., *Stodden, D. F. (2017). Relationships among product and process-oriented measures of motor skill competence and perceived competence in boys and girls. *Journal of Motor Learning and Development*, 1-23. doi.org/10.1123/jmld.2016-0042.

- +Ré, A.H.N., Logan, S., +Cattuzzo, M.T., +Henrique, R.D.S., **Stodden, D.F.** (2017). Comparison of motor competence levels on two assessments across childhood *Journal of Sports Sciences*, 1-6. <http://dx.doi.org/10.1080/02640414.2016.1276294>. (**Impact Factor: 2.4**)
- Nesbitt, D. R., Molina, S., +Cattuzzo, M. T., Phillips, D. S., Robinson, L., & ***Stodden, D. F.** (2017). Assessment of a Supine-to-Stand (STS) task in early childhood: A measure of functional motor competence. *Journal of Motor Learning and Development*, 1-25. doi: 10.1123/jmld.2016-0049
- + Lima, R.A., Pfeiffer, K.A., +Larsen, L.R., +Bugge, A., +Møller, N.C., +Andersen, L.B., **Stodden, D.F.** (2017). Physical activity and motor competence present a positive reciprocal longitudinal relationship across childhood and early adolescence. *Journal of Physical Activity & Health*, 14, 440-447. <https://doi.org/10.1123/jpah.2016-0473> (**Impact Factor: 1.95**)
- + Lima, R.A., Pfeiffer, K.A., +Bugge, A., +Møller, N.C., +Andersen, L.B., **Stodden, D.F.** (2017). Motor competence and cardiorespiratory fitness have greater influence on body fatness than physical activity across time. *Scand J Med Sci Sport*, 1-10. <https://doi.org/10.1111/sms.12850> (**Impact Factor: 3.3**)
- Gao, Z., Chen, S., **Stodden, D.F.**, Xiang, P., Huang, C. (2017). Investigating elementary school children's daily physical activity and sedentary behaviors during weekdays. *Journal of Sports Sciences*, 99-104. <https://doi.org/10.1080/02640414.2016.1157261> (**Impact Factor: 2.4**)
- Gao, Z., Pope, Z., Lee, J., **Stodden, D.F.**, Roncesvalles, N., Pasco, D., Huang, C., & Feng, D. (2017). Impact of exergaming on young children's school day energy expenditure and moderate-to-vigorous physical activity levels. *Journal of Sport and Health Science*, 6, 11-16. (**impact factor: 1.68**)
- Logan, S.W., +Barnett, L.M., Goodway, J.D., & ***Stodden, D.F.** (2017). Comparison of performance on process- and product-oriented assessment of fundamental motor skills across childhood. *Journal of Sports Sciences*. DOI:10.1080/02640414.2016.1183803 (**Impact Factor: 2.4**)
- Stodden, D.F.**, Sacko, R., & Nesbitt, D. R. (2017). A Review of the Promotion of Fitness Measures and Health Outcomes in Youth. *American Journal of Lifestyle Medicine*, 11(3), 232-242. **Invited**
- +De Meester, A., **Stodden, D.F.**, Brian, A., True, L., +Cardon, G., +Tallir, I., +Haerens, L. (2016). Associations among Elementary School Children's Actual Motor Competence, Perceived Motor Competence, Physical Activity and BMI: A Cross-Sectional Study. *PloS One*, 11(10), e0164600. (**Impact Factor: 3.2**)
- +Henrique R.S., +Ré, A.H., **Stodden, D.F.**, +Fransen, J., +Campos, C.C., +Queiroz, D.R., +Cattuzzo, M.T. (2016). Association between sports participation, motor competence and weight status: A longitudinal study. *Journal of Science & Medicine in Sport*. 19(10):825-829. (**Impact Factor: 3.8**)
- Webster, C. A., **Stodden, D. F.**, Carson, R. L., Egan, C. A., & Nesbitt, D. (2016). Integrative Public Health-Aligned Physical Education and implications for the professional preparation of future teachers and teacher educators/researchers in the field. *Quest*. (**Impact Factor: 1.0**)
- +Duncan, M. J., +Bryant, E., **Stodden D.F.** (2016). Low fundamental movement skill proficiency is associated with high BMI and body fatness in girls but not boys aged 6-11 years old. *Journal of Sports Sciences*. 1-11. (**Impact Factor: 2.4**)
- Lee, J., **Stodden, D.F.**, & Gao, Z., (2016). Young Children's Energy Expenditure and Moderate-to-vigorous Physical Activity on Weekdays and Weekends. *Journal of Physical Activity & Health*, 13, 1013 -1016. <http://dx.doi.org/10.1123/jpah.2015-0725> (**Impact Factor: 1.95**)
- +De Meester, A., +Maes, J., **Stodden D.F.**, +Cardon, G., Goodway, J.D., +Lenoir, M., +Haerens, L. (2016). Identifying profiles of actual and perceived motor competence among adolescents:

- associations with motivation, physical activity and sports participation. *Journal of Sports Sciences*. 1-11 <http://dx.doi.org/10.1080/02640414.2016.1149608> (**Impact Factor: 2.4**)
- +Ré, A.H.N., +Cattuzzo, M.T., +Henrique, R.S., **Stodden, D.F.** (2016). Physical characteristics that predict involvement with the ball in recreational youth soccer. *Journal of Sports Sciences*. 1-7. DOI:10.1080/02640414.2015.1136067. (**Impact Factor: 2.4**)
- +Barnett, L.M., **Stodden, D.F.**, +Kohen, C.E., +Smith, J.J., +Lubans, D.R.,... +Morgan, P.J. (2016). Fundamental movement skills: An important focus. *Journal of Teaching in Physical Education*. **35**, 219 -225 <http://dx.doi.org/10.1123/jtpe.2014-0209>. (**Impact Factor: 0.7**)
- +Rodrigues, L.P., **Stodden D. F.** +Lopes, V. P. (2016). Developmental pathways of change in fitness and motor competence are related to overweight and obesity status at the end of primary school. *Journal of Science & Medicine in Sport*, 19, 87-92. <http://dx.doi.org/10.1016/j.jsams.2015.01.002>. (**Impact Factor: 3.8**)
- +Khodaverdi, Z., +Bahram, A., **Stodden, D.F.**, +Kazemnejad, A. (2015). The relationship between motor skill competence and physical activity in children: Mediating roles of perceived motor competence and health-related physical fitness. *Journal of Sports Sciences*. 1-7 DOI: **10.1080/02640414.2015.1122202.** (**impact factor: 2.4**)
- Robinson, L. E., +**Stodden, D. F.**, +Barnett, L. M., +Lopes, V. P., Logan, S. W., +Rodrigues, L. P., & +D'Hondt, E. (2015). Motor competence and its effect on positive developmental trajectories of health. *Sports Medicine*, 45(9), 1273-1284. (**Impact Factor: 5.3**) **+Multiple primary authorship**
- Ferkel, R.C., **Stodden, D.F.**, Judge, L.W., Griffin, K., & Hamman, D. (2015). Relationship between health-related fitness knowledge and physical fitness. *International Journal of Physical Education, Sports and Health*, 1(6), 76-82.
- +Smith, J. J., +Morgan, P. J., +Plotnikoff, R. C., **Stodden, D. F.**, & +Lubans, D. R. (2015). Mediating effects of resistance training skill competency on health-related fitness and physical activity: the ATLAS cluster randomised controlled trial. *Journal of Sports Sciences*. DOI:10.1080/02640414.2015.1069383. (**Impact Factor: 2.25**)
- Chappell, A., Molina, S. L., McKibben, J., & ***Stodden, D. F.** (2016). Examining impulse-variability in kicking. *Motor Control*, 20(3), 222-232. (**Impact Factor: 1.5**)
- +Cattuzzo, M. T., +Henrique, R. S., +Re, A., H., +de Olivera, I. S., +Melo, B. M., +de Sousa Moura, de +Araujo, R. C., **Stodden, D. F.**, (2015). Motor competence and health-related physical fitness in youth: A systematic review. *Journal of Science & Medicine in Sport*. DOI:10.1016/j.jsams.2014.12.004. (**Impact Factor: 3.8**)
- Gao, Z., Chen, S., & **Stodden, D.F.** (2015). A comparison of children's physical activity levels in physical education, recess and school-based exergaming. *Journal of Physical Activity and Health*. DOI: 10.1123/jpah.2013-0392. (**Impact Factor: 1.95**)
- Stodden, D. F.**, Gao, Z., Langendorfer, S. J. Goodway, J. D. (2014). Dynamic relationships between motor skill competence and health-related fitness in youth. *Pediatric Exercise Science*, 26(3), 231-241. dx.doi.org/10.1123/pes.2013-0027. (**Impact Factor: 1.61**)
- +Lopes, V. P., **Stodden, D. F.** +Rodrigues, L. P. (2014). Weight status is associated with cross-sectional trajectories of motor co-ordination across childhood. *Child: Care, Health & Development*. 1-9. DOI:10.1111/cch.12127. (**Impact Factor: 1.7**)
- +Lai, S. K., +Costigan, S. A., +Morgan, P. J., +Lubans, D. R., **Stodden, D. F.**, +Salmon, J. & +Barnett, L. M. (2014). Do school-based interventions focusing on physical activity, fitness or fundamental

movement skill competency produce a sustained impact in these outcomes in children and adolescents? A systematic review of follow-up studies. *Sports Medicine*, 44, 67-79.

DOI:10.1007/s40279-013-0099-9. **(Impact Factor: 5.3)**

Ferkel, R., Judge, L.W., **Stodden, D. F.**, & Griffin L. K. (2014). The importance of health-related fitness knowledge to increasing physical activity and physical fitness. *The Physical Educator*, 71(2), 218-233.

Urbin, M., **Stodden, D. F.**, Fleisig, A., Robinson, L., & Andrews, J. R. Overarm throwing variability as a function of trunk action. (2013). *Journal of Motor Learning & Development*, 1, 89-95.

Stodden D. F. & Brooks, T. (2013). Promoting musculoskeletal fitness in youth: Performance and health implication from a developmental perspective. *Strength and Conditioning Journal*, 35(3), 54-62. DOI:10.1519/SSC.0b013e318296391e. **(invited) (Impact Factor: 0.6)**

Ferkel, R. C., Judge, L. W., **Stodden, D. F.**, & Griffin, K. (2013). The Importance of Health-Related Fitness Knowledge in Physical Education through the principles of the self-determination theory. *Indiana AHPERD Journal*, 42(2), 11-15.

Stodden, D. F., True, L., Langendorfer, S., & Gao, Z. (2013). Associations among selected motor skills and health-related fitness: Indirect evidence for Seefeldt's proficiency barrier? *Research Quarterly for Exercise and Sport*, 84, 397-40. DOI: 10.1080/02701367.2013.814910. **(Impact Factor: 1.57)**

Gao, Z., Zhang, T., & **Stodden, D. F.**, (2013). Children's Physical Activity levels and psychological correlates in interactive dance versus aerobic dance. *Journal of Sport and Health Science*, 2(3),146-151. <http://dx.doi.org/10.1016/j.jshs.2013.01.005> **(Impact Factor: 1.71)**

Stodden, D. F. & Holfelder, B. (2013). No child left behind: The role of motor skill development. *Zeitschrift für Sportpsychologie (Germany)*, 20 (1), 10-17. **(invited) (Impact Factor: 0.3)**

Lorson, K., **Stodden, D. F.**, Goodway, J. D. & Langendorfer, S. J. (2013). Age and gender differences in adolescent and adult overarm throwing. *Research Quarterly for Exercise and Sport*, 84(2), 239-244. DOI: 10.1080/02701367.2013.784841. **(Impact Factor: 1.57)**

Gao, Z., Hannan, P. F., Xiang, P., **Stodden, D. F.**, & Valdez, V. (2013). Video game-based exercise, Latino children's physical health and academic achievement. *American Journal of Preventive Medicine*, 44(3S3), s240-s246. <http://dx.doi.org/10.1016/j.amepre.2012.11.023>. **(Impact Factor: 4.28)**

Stodden, D. F., Howard, R., Faigenbaum, A. D., Richardson, C., Meadors, L., Moore, W., Molony, J., McHenry, P. Graziano, J., Cullen-Carroll, P. (2012). Promoting integrative youth physical development in the United States. *Professional Strength and Conditioning (UK)* 26, 10-18.

Urbin, M. A., **Stodden, D.F.**, Boros, R.L., & Shannon, D.M. (2012). Impulse-variability theory in overarm throwing. *Motor Control*, 16(1), 19-30. **(Impact Factor: 1.45)**

+Lopes, V. P., **Stodden, D. F.** Bianchi, M. M., Maia, J. A. R., Rodrigues, L. P. (2012). Correlation between BMI and motor coordination in children. *Journal of Science and Medicine in Sport*, 15, 38-43. DOI:10.1016/j.jsams.2011.07.005. **(Impact Factor: 3.8)**

Urbin, M.A., **Stodden, D.F.**, Fischman, M.G., & Weimar, W.H. (2011). Impulse-variability theory: Implications for ballistic, multijoint motor skill performance. *Journal of Motor Behavior*, 43, 275-283. **(Impact Factor: 1.4)**

Stodden, D. F., & Galitski, H. (2010). Longitudinal effects of an American collegiate football strength and conditioning program. *Journal of strength and Conditioning Research*, 24 (9), 2300-2308. **(Impact Factor: 2.1)**

- Campbell, B. M., **Stodden, D. F.**, & Nixon, M. K. (2010). Lower extremity muscle activation during baseball pitching. *Journal of Strength and Conditioning Research*, 24, 964-971. **(Impact Factor: 2.1)**
- Stodden, D. F.**, Langendorfer, S. J., & Robertson, M. A. (2009). Associations among motor skill competence and physical fitness in young adults. *Research Quarterly for Exercise and Sport*, 80, 223-229. **(Impact Factor: 1.57)**
- Stodden, D. F.**, Goodway, J. D., Langendorfer, S. J., Robertson, M. A., Rudisill, M. E., Garcia, C., & Garcia, L. E. (2008). A developmental perspective on the role of motor skill competence in physical activity: An emergent relationship. *Quest*, 60, 290-306. **(Impact Factor: 1.0)**
- Stodden, D. F.**, Campbell, B. M., & Moyer, T. M. (2008). Comparison of trunk kinematics in trunk training exercises and throwing. *Journal of Strength and Conditioning Research*, 22, 112-118. **(Impact Factor: 2.1)**
- Stodden, D. F.**, & Goodway, J. D., (2007). The dynamic association between motor skill development and physical activity. *Journal of Physical Education, Recreation, and Dance*, 78, 33-34 & 48-49.
- Stodden, D. F.**, Langendorfer, S. J., Fleisig, G. S., & Andrews, J. R. (2006). Kinematic constraints associated with the acquisition of overarm throwing Part I: Step and trunk actions. *Research Quarterly for Exercise and Sport*, 77, 417-427. **(Impact Factor: 1.57)**
- Stodden, D. F.**, Langendorfer, S. J., Fleisig, G. S., & Andrews, J. R. (2006). Kinematic constraints associated with the acquisition of overarm throwing Part II: Upper extremity actions. *Research Quarterly for Exercise and Sport*, 77, 428-436. **(Impact Factor: 1.57)**
- Stodden, D. F.** (2006). Facilitating the acquisition of complex ballistic motor skills: Promoting proximal or distal system perturbations? *Journal of Human Movement Studies*, 51, 197-220.
- Stodden, D. F.**, & Rudisill, M. E. (2006). Integration of biomechanical and developmental concepts in the acquisition of throwing: Effects on developmental characteristics and gender differences. *Journal of Human Movement Studies*, 51, 117-141.
- Stodden, D. F.**, Fleisig, G. S., McLean, S. P., & Andrews, J. R. (2005). Relationship of biomechanical factors to baseball pitching velocity: Within pitcher variation. *Journal of Applied Biomechanics*, 21, 44-56. **(Impact Factor: 0.98)**
- Fischman, M. G., **Stodden, D. F.**, & Lehman, D. M. (2003). The end-state comfort effect in bimanual grip selection. *Research Quarterly for Exercise and Sport*, 74, 17-24. **(Impact Factor: 1.57)**
- Fleisig, G. S., Zheng, N., **Stodden, D. F.**, & Andrews, J. R. (2002). Relationship between bat mass properties and bat velocity. *Sports Engineering*, 5(1), 1-8.
- Stodden, D. F.**, Fleisig, G. S., McLean, S. P., Lyman, S. L., & Andrews, J. R. (2001). Relationship of pelvis and upper torso kinematics to pitched ball velocity. *Journal of Applied Biomechanics*, 17,(2) 164-172. **(Impact Factor: 0.98)**

(4) Published Reports

- Pate, R. R., Blimkie, C., Castelli, D., Corbin, C. B., Daniels, S. R., Kohl, H.W., Malina, R. M., Satchek, J., **Stodden, D. F.**, Whitt-Glover, M., Zhu, W. (2012). *Fitness Measures and Health Outcomes in Youth*. Institute of Medicine of the National Academies. (Russell Pate, Maria Oria, & Laura Pillsbury, Editors).

(5) Proceedings

Fleisig, G. S., Zheng, N., **Stodden, D. F.**, & Andrews, J. R. (2000). *Correlations between bat speed and mass properties*. Proceedings of XIX International Symposium on Biomechanics in Sports: (ISBN 0-9715218-0-8), San Francisco, pp. 100-103.

(6) Non-refereed articles

Stodden, D. F. (1998). The change-up: Deceive and protect. *National High School Baseball Coaches Association's Instruction Publication*, 7, 1-2.

Stodden, D. F. (2008). Muscle bulletin: Carve you core. *Men's Health*, p. 62.

(7) Manuscripts In Progress/Review

Stewart, G., Webster, C. A., **Stodden, D. F.**, Brian, A., Egan, C. A., & Weaver, R. G. (in review). The association of children's participation in school physical activity opportunities with classroom conduct. *Journal of School Health*. (**Impact Factor = 1.43**)

Goodway, J. D., Robinson, L. E., Brian, A., Getchell, N., Logan, S., & ***Stodden, D. F.** (in review). Motor development research: An agent of change for physical education practice and policy, *Research Quarterly for Exercise and Sport*. (**Impact Factor = 2.26**)

Fransen, J., Pluss, M., De Meester, A., & ***Stodden, D. F.** (manuscript preparation). Exploring the Dunning-Kruger effect: A developmental perspective on relationship between perceived and actual motor competence and its potential impact on physical activity and health.

Nesbitt, D., Molina, S., Robinson, L. E., Brian, A., & ***Stodden, D. F.** (in review). Examining Supine-to Stand as a measure of health from early childhood into adolescence. *Journal of Science and Medicine in Sport*.

Brian, A., Getchell, N., De Meester, A., True, L., & ***Stodden, D. F.** (to be resubmitted).

Reconceptualizing Seefeldt's proficiency barrier: Implications for locomotion. *Quest*.

Sacko, R.S., Utesch, T., Cordovil, R., De Meester, A., Eggelbusch, M., Bott, T., ***Stodden D.F.** (manuscript preparation). The Developmental Sequences for Forceful Kicking.

Sacko, R.S., Utesch, T., Eggelbusch, T., ***Stodden D.F.** (manuscript in process). Associations of Product and Process Oriented Motor Competence with Energy Expenditure.

INTERNATIONAL RESEARCH COLLABORATIONS

Portugal (2018) Faculty Colaborator – Dr. Jose Maia, Director, Kinanthropometry & Applied Statistics Laboratory, Porto, Portugal. Have collaborated on two research projects associated with doctoral student theses (Ana Carolina Reyes, Alcibiades, Bustamante)

Belgium (2014-present) Faculty Collaborators - Dr. Leen Haerens and Dr. Matthieu Lenior, Ghent University, Department of Movement and Sports Sciences. Have collaborated on various research projects, reviewed grant proposals, collaborated on grant proposals, work with doctoral students on their doctoral theses at various levels (An De Meester, Farid Bardid – external examiner). An De

Meester visited USC on three occasions and collaborated in my research group as both a doctoral student and post-doctoral researcher).

Portugal (2011-present) Faculty Collaborator – Professor Vitor P. Lopes, Research Center in Sport Sciences, Health Sciences and Human Development, Polytechnic Institute of Bragança, Bragança, Portugal. I have collaborated on multiple research projects, collaborated on grant proposals and worked with a doctoral student (Luis Lopes) on his doctoral thesis.

Portugal (2011-present)

Faculty Collaborator – Professor Luis Paulo Rodriguez, Director, School of Sport & Leisure, Polytechnic Institute of Viana do Castelo. Have collaborated on multiple research projects and collaborated on grant proposals.

Brazil (2013-present) - Faculty Collaborator – Dr. Maria Theresa Cattuzzo, School of Physical Education, University of Pernambuco, Recife, Brazil. I have collaborated on multiple projects with Dr. Cattuzzo and her research team, which includes undergraduate, masters and doctoral students. I have provided mentoring on how to establish a research line as well as work with several of her students on their research projects. I have guest lectured at Dr. Cattuzzo's University mentored two doctoral students (Carolina Campos, Rafael Henrique).

Brazil (2015-present)

Faculty Collaborator – Dr. Alessandro Ré, Escola de Artes, Ciências e Humanidades, Universidade de São Paulo, São Paulo, Brazil. I have collaborated on multiple projects with Dr. Ré and his research team, I provided mentoring on his research line surrounding motor competence when he was a visiting scholar at USC for nine months.

Australia (2012-present) – Faculty Collaborator – Dr. Lisa Barnett School of Health & Social Development, Deakin University, Melbourne, Australia. I have collaborated on multiple projects with Dr. Barnett and her doctoral students as her our research lines are very similar and focus on various aspects of motor competence.

Australia (2014-2018)

Faculty Collaborator – Dr. David Lubans Priority Research Centre for Physical Activity and Nutrition, University of Newcastle, Newcastle, Australia. I have collaborated on two papers with Dr. Lubans and have worked with two of his doctoral students (Jordan Smith & Ryan Hulteen).

United Kingdom (2015-present) – Faculty Collaborator – Dr. Michael Duncan, Department of Applied Sciences and Health, Coventry University, Coventry, United Kingdom. I have recently collaborated on three projects with Dr. Duncan's research team including research projects and an international COST grant proposal. I have been a visiting lecturer and am working with three of his doctoral students (Elizabeth Bryant, Chelsea Lawson & Emma Eyre).

Denmark (2016-2018) – Faculty Collaborator – Lars Bo Andersen, Institute of Sports Science and Clinical Biomechanics, University of Southern Denmark, Odense Denmark. I have collaborated with Dr. Andersen on three papers and am currently working with one of his doctoral students (Rodrigo Antunes Lima).

Germany (2016-present) – Faculty Collaborators – Maike Tietjens and Till Utesch, Institut für Sportwissenschaft, Universität Münster, Münster, Germany. I am currently collaborating on two projects with Drs. Tietjens and Utesch that are tied to their visiting undergraduate scholars that have worked (Moritz Eggelbusch, Jonathon Kuban) at USC under my supervision.

PAPERS READ TO PROFESSIONAL SOCIETIES

A. Keynote Presentations (11)

- Stodden D.F.** (2019, June). *An integrated model of motor development: Fundamental principles of why teaching PE is important to promote children's motor competence and self-concept.* Baby Swimming e Sviluppo Motorio Nell'infanzia. Sardegna, Italy.
- Stodden D.F.** (2017, November). *Biases and Beliefs about Motor Development and Health: The Mountain to Climb.* Third Assembly of the International Motor Development Research Consortium (IMDRC-III), Melgaco, Portugal.
- Stodden, D. F.** (2017, January). *Forging a new PATH (Promoting Active Trajectories of Health) for Children.* International Congress on Children's Physical Activity and Sport. Jyväskylä, Finland.
- Stodden, D.F.** (2016). *A Developmental Perspective on the Role of Motor Competence for Promoting Positive Trajectories of Health.* VIII Brazilian Conference on Motor Behavior. Joao Pessoa, Brazil.
- Stodden, D. F.** (2015, April). *Examining Trajectories of Health-related Physical Fitness and Obesity: A Developmental Perspective.* The Illinois Transdisciplinary Obesity Prevention Program - **I-TOPP Visiting Scholar Lecture.** University of Illinois, Champaign-Urbana, IL.
- Stodden, D. F.** (2014, December). *Motor behavior, Sport and Physical Education: barriers and challenges.* I Pernambuco Meeting of Motor Behavior, Recife, PE, Brazil.
- Stodden, D. F.** (2014, December). *Promoting Positive Lifespan Trajectories to Achieve Health: A Developmental Perspective: International Symposium on Research for Lifestyle and Health.* Porto de Galinhas, PE, Brazil.
- Stodden, D. F.** (2014, October). *Current Evidence on the Associations between Motor Competence and Aspects of Health in Youth: What do We Know?* International Congress on Children's Physical Activity and Sport, Leige, Belgium.
- Stodden, D. F.,** (2013, February). *No child left behind: The role of motor development.* Motor and Cognitive Development across the Lifespan Conference, Stuttgart, Germany.
- Stodden, D. F.** (2010, November). *Dynamic relationships among motor skill competence, physical activity, health-related fitness, and perceived competence.* Illinois AHPERD Annual Convention. St. Charles, IL.
- Stodden, D. F.,** (2009, April). *Predicting lifetime physical activity through motor skills: physical activity and health needs of children and youth.* 1st International Symposium in Physical Activity, Health and Quality of Life, Sport Sciences School - National University, Heredia, Costa Rica.

B. Invited Presentations (27)

- Stodden, D.F.** (2019, July). *The Motor Competence Dilemma for Disabilities & Developmental Delay: Let's Destigmatize and Dive In*. National Consortium for Physical Education for Children with Disabilities. Columbia, SC.
- Stodden, D.F. (2019, April).** Motor Development & Health: Overcoming Biases & Beliefs with New Perspectives. University of Georgia, Athens, GA.
- Stodden D.F.** (2018, October). *Houston: We Have a Movement Problem*. International Visiting Scholar Lecture: Ghent University, Ghent, Belgium.
- Stodden D.F.** (2017, November). *The Importance of Motor Development to Health*. University of Lisbon. Lisbon, Portugal.
- Stodden, D. F.** (2017, May). *Promoting Motor Development: Deep Grammar of Movement*. Visiting Scholar Lecture: Ghent University, Ghent, Belgium.
- Stodden, D. F.** (2016, April). *Developmental Issues for Long Term Athletic Development*. Michael Johnson Performance. McKinny, TX.
- Stodden, D. F.** (2016, March). *Impact of Motor Competence on Aspects of Health Across the Lifespan*. Visiting Scholar Lecture: Academic Visitor Scheme. Coventry University, Coventry, UK.
- Stodden, D.F.** (2014, July). *Building a foundation for long-term athletic development*. National Strength & Conditional Association Annual Conference. Las Vegas, NV.
- Goodway, J. D., **Stodden, D. F.**, Lomax, R., Ferkel, R., & Brian, A. (2013, June). Developmental trajectories of the relationship among motor skill competence, physical activity, perceived motor competence and health-related fitness across early childhood to middle childhood. Presented at the University of Bedfordshire Research Symposium, Bedford, England.
- Brian, A., Goodway, J. D., & **Stodden, D. F.** (2013, June). A conceptual and synergistic model to examine the relationships among motor competence, perceived motor competence and physical fitness as underlying mechanisms driving physical activity behaviors in children. Presented at the University of Bedfordshire Research Symposium, Bedford, England.
- Stodden, D. F.** (2012, July). *Youth physical development: Age-Related, not age-determined*. National Strength and Conditioning Association Annual National Conference, Providence, RI.
- Stodden, D. F.** (2012, September). *Motor Skill Status as a Factor in Identifying Fitness Measures*. Committee on Fitness Measures and Health Outcomes in Youth, Institutes of Medicine, Washington, D.C.
- Stodden, D. F.** (2010, November). *Promoting positive physical activity and fitness trajectories: Influence of motor skill competence*. Illinois AHPERD Annual Convention. St. Charles, IL.
- Stodden, D. F.** (2010, November). *Relationship between motor skill competence and health-related physical fitness in adults: Evidence for Seefeldt's proficiency barrier*. Illinois AHPERD Annual Convention. St. Charles, IL.
- Stodden, D. F.,** Langendorfer, S. J. (2009, April). *The dynamic relationship between motor skill competence and physical fitness*. NASPE Research Grant Findings. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Tampa FL.
- Stodden, D. F.,** Campbell, B. M., Nixon, M. (2009, January). *Biomechanics of the lower extremities in baseball pitching*. 27th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Houston, TX.

- Stodden, D. F.** (2008, March). *Biomechanical evaluation of the throwing athlete: Implications for Strength Training and Rehabilitation*. Great Lakes Athletic Trainers' Association Winter Meeting and Clinical Symposium, Toledo, OH.
- Stodden, D. F.** (2007, March). *Examining the Dynamic Relationship between motor skill development and physical activity*. Lolas E. Halverson Lecture. AAHPERD National Convention. Baltimore, MD.
- Stodden, D. F.** (2007, March). *Combating obesity in K-12 learners*. AAHPERD all academy symposium. AAHPERD National Convention. Baltimore, MD.
- Stodden, D. F., & Campbell, B. M., Omler, C.** (2007, January). *Ground reaction forces in baseball pitching*. 25th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Los Angeles, CA.
- Stodden, D. F., Hundley, J., & Campbell, B. M.** (2007, January). *Bimanual coordination effects on throwing kinematics and ball velocity*. 25th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Los Angeles, CA.
- Stodden, D. F.** (2005, January). *Biomechanical variations within pitchers*. 24th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Scottsdale, AZ.
- Stodden, D. F.** (2005, January). *Development of overarm throwing: Biomechanical considerations for instruction*. 24th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Scottsdale, AZ.
- Stodden, D. F.** (2005, March). *Biomechanical evaluation of the throwing athlete*. Annual Meeting, Great Lakes Athletic Trainers' Association, Toledo, OH.
- Stodden, D. F.** (2001, January). *Relationship of pitching mechanics to ball velocity*. 19th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Phoenix, AZ.
- Stodden, D. F., Fleisig, G. S., McLean, S. P., Lyman, S. L., & Andrews, J. R.** (1999, January). *Relationship between trunk mechanics and ball velocity*. 17th Annual Injuries in Baseball Conference, American Sports Medicine Institute, Birmingham, AL.
- Stodden, D. F., Fleisig, G. S., McLean, S. P., Lyman, S. L., & Andrews, J. R.** (1998, March). *Timing of pelvic and upper torso kinematics in baseball pitching*. South Eastern Athletic Trainers Association Annual Meeting, Atlanta, GA.

C. Refereed Papers (Presentations with or without abstract)

1. International (61)

(Names in *italics* denote graduate student contributions under my supervision)

- De Meester, A., Irwin, J.M., **Stodden, D.F.**, Galle, J., Soenens, B., Cardon, G., Lenoir, M., Haerens, L. (2019) The roots and motivational consequences of overestimation of motor competence among children and adolescents with various levels of self-aggrandizement. Presented at the 2019 Self-Determination Theory Conference (SDT), May 21-24, Amsterdam, The Netherlands.
- De Meester, A., Irwin, J.M., **Stodden, D.F.**, Galle, J., Soenens, B., Cardon, G., Lenoir, M., Haerens, L. (2019) Stimulating Overestimation of Motor Competence to Promote Physical Activity: A Bridge Over Troubled Water, a Stairway To Heaven or a Highway to Hell? *Journal of Sport and Exercise Psychology*, 41, S10. Presented at the 2019 North American Society for the Psychology of Sport and Physical Activity (NASPSA) conference, Baltimore, MD, USA.

- Galle, J., Haerens, L., Irwin, J.M., **Stodden, D.F.**, Soenens, B., Lenoir, M., Cardon, G., De Meester, A. (2019) Overestimation of One's Motor Competence: Discovering Different Pathways. *Journal of Sport and Exercise Psychology*, 40, S12-S13. Poster presentation at the 2019 North American Society for the Psychology of Sport and Physical Activity (NASPSPA) conference, Baltimore, MD, USA.
- De Meester, A., Barnett, L., Brian, A., Van Duyse, F., Irwin, J.M., **Stodden, D.F.**, D'Hondt, E., Jimenez, J., Bowe, S., Lenoir, M., Haerens, L. (2019) A systematic review and meta-analysis of the relationship between children's and adolescents' actual and self-perceived motor competence. Presented at the Healthy and Active Children Meeting, September 11-14, Verona, Italy.
- De Meester, A., **Stodden, D.F.**, Irwin, J.M., Sacko, R., Haerens, L. (2019) A cross-cultural comparison of American and Portuguese children's motor competence. Presented at the Healthy and Active Children Meeting, September 11-14, Verona, Italy.
- Sacko, R.S., Paw, Chinapaw, M., Altenburg, T., Duncan, M., Stratton, G., **Stodden, D.F.** (September, 2019) Symposium: What have we been missing? Novel and innovative methodologies for improving children's physical activity assessment and motor competence Presented at the International Motor Development Research Consortium (I-MDRC) & Children's Physical Activity and Sport (CIAPSE) Conference, Verona, Italy.
- Sacko, R.S., De Meester, A., Irwin, M., Shortt, C., **Stodden, D.F.** (September, 2019) How the choice of measuring instrument impacts the strength of the relationship between children's actual and perceived motor competence. Presented at the International Motor Development Research Consortium (I-MDRC) & Children's Physical Activity and Sport (CIAPSE) Conference, Verona, Italy.
- Sacko, R.S., **Stodden, D.F.** (September, 2019) Energy expenditure of discrete skill performance (ages 7-9) and measurement discrepancies using accelerometry, SOFIT, SOPLAY, and OSRAC. Presented at the International Motor Development Research Consortium (I-MDRC) & Children's Physical Activity and Sport (CIAPSE) Conference, Verona, Italy.
- De Meester, A., **Stodden, D.F.**, Irwin, M., Sacko, R.S., Haerens, L. (September, 2019) Are skilled children more physically active than their less skilled peers? Presented at the International Motor Development Research Consortium (I-MDRC) & Children's Physical Activity and Sport (CIAPSE) Conference, Verona, Italy.
- De Meester, A., **Stodden, D.F.**, Irwin, M., Sacko, R.S., Haerens, L. (September, 2019). A cross-cultural comparison of American and Portuguese children's motor competence. Presented at the International Motor Development Research Consortium
- Sacko, R.S., De Meester, A., Bardid, F., **Stodden, D.F.** (April, 2019) Children's Levels of Energy Expenditure, Perceived Exertion, and Fun During Discrete Skill Practice. Presented at the annual meeting of the Society of Health and Physical Educators in America (SHAPE), Tampa, FL.
- Pfeifer C.E., Sacko, R.S., Ortaglia, A., Beattie, P.F, **Stodden, D.F.** (April, 2019). Fit to Play? Health-Related Fitness of Youth Athletes. Presented at the South Carolina Public Health Association Annual Conference, Myrtle Beach, SC.
- Weist, M., **Stodden, D.F.** (Oct, 2019). Moving Child, Adolescent and School Mental Health to a more Holistic Approach. International Motor Development Research Consortium, Verona, Italy.
- Pennell, A., Taunton, S., Fisher, J., Patey, M., Stribing, A., Gilbert, E., Irwin, J., Webster, C., **Stodden, D.F.**, Lieberman, L., & Brian, A. (June, 2019). An extensive comparison of multidimensional

forms of balance in youth with and without visual impairments. International Symposium on Adapted Physical Activity, Charlottesville, VA.

- Brian, A., Irwin, J. M., PTAunton, S., Pennell, A., **Stodden, D.F.**, Getchell, N., Karin, R., Klavina, A., & Lieberman, L. J. (2018, October). *The fundamental motor skill and physical activity levels of individuals with visual impairments in the United States, Latvia, and Bangladesh: Emerging evidence for a proficiency barrier*. Presented at the North American Federation of Adapted Physical Activity Conference, Corvallis, Oregon.
- Taunton, S., Brian, A., Pennell, A., Lieberman, L. J., True, L., Webster, C., & **Stodden, D. F.** (2018, October). *The effects of an integrative, universally-designed movement skill intervention on young children with and without disabilities*. Presented at the North American Federation of Adapted Physical Activity Conference, Corvallis, Oregon.
- Sacko, R.S., McIver, K., Gorab, J., Brian, A., Nesbitt, D., **Stodden, D.F.** (June, 2018). *Children's Metabolic Expenditure During Object Projection Skill Performance*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO
- Luz, C., Cordovil, R., Rodrigues, L.P., Gao, Z., Goodway, J., Sacko, R.S., Nesbitt, D., Ferkel, R., True, L., **Stodden, D.F.**, (June, 2018) *A cross-cultural comparison of motor competence and health related fitness variables between Portuguese and American children*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
- Fisher, J.R., Brian, A., Taunton, S., Sacko, R.S., Goodway, J.D., Ferkel, R., True, L., **Stodden, D.F.** (June, 2018). *Concurrent Validity of Total Body Developmental Sequences: A Preliminary Investigation*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
- De Meester, A., Barnett, L., Brian, A., Van Duyse, F., Irwin, J.M., **Stodden, D.F.**, D'Hondt, E., Jimenez, J., Robinson, L., Lenoir, M., Haerens, L. (2018) *The relationship between children's and adolescents' actual and self-perceived motor competence: A systematic review and meta-analysis*. Journal of Sport and Exercise Psychology. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
- Sacko, R.S., McIver, K., Gorab, J., Brian, A., Nesbitt, D., **Stodden, D.F.** (June, 2018) *Children's Metabolic Expenditure During Object Projection Skill Performance*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
- Lenoir, M. & **Stodden D.F.** (November, 2017). *Developmental Pathways in Motor Development in Children: The Pitfall of the Average Child*. Third Assembly of the International Motor Development Research Consortium (IMDRC-III), Melgaco, Portugal.
- Sacko, R.S., Utesch, T., Cordovil, R., De Meester, A., Eggelbusch, M., Bott, T., **Stodden D.F.** (June, 2017) *The Developmental Sequences for Forceful Kicking*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, California.
- Sacko, R.S., Utesch, T., Eggelbusch, M., Bott, T., **Stodden D.F.** (June, 2017) *Associations of Product and Process Oriented Motor Competence with Energy Expenditure*. Presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, California.
- Sacko, R.S., McIver K., & **Stodden D.F.** (January, 2017) *MC=MVPA: New Insight for Activity Intensity Relativity*. Presented at the Children's Physical Activity and Sport (CIAPSE 2) Conference, Jyväskylä, Finland.

- Getchell, N., Brian, A., & **Stodden, D.F.** (2017, June). *Revisiting Seefeldt's proficiency barrier concept in the 21st century: Implications for locomotion*. Presented at the North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Conference, San Diego, CA.
- De Meester, A., **Stodden, D.F.**, Goodway, J, True, L, Brian, A., Ferkel, R., Haerens, L. (2017, June). *Identification of a motor competence proficiency barrier among children for meeting physical activity guidelines*. Presented at the annual meeting for the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.
- Nesbitt, D. R., Molina, S., Robinson, L., Brian, A., & **Stodden, D. F.** (2017, June). *The relationship between Supine-to-Stand and health-related fitness in young adults*. Presented at the annual meeting for the North American Society for Psychology of Sport and Physical Activity, San Diego, CA.
- Nesbitt, D. R., True, L., & **Stodden, D. F.** (2017, June). *The effect of motor competence "proficiency barriers" on health-related fitness*. Presented at the annual meeting for the North American Society for Psychology of Sport and Physical Activity, San Diego, CA.
- Pfeifer, C. E., **Stodden, D. F.** (2016, November). *Associations between FMS2 and injury in youth athletes*. Presentation at the International Consortium of Motor Development Research (ICoMDR-II), Columbia, SC.
- De Meester, A., **Stodden, D.F.** (2016, June). *Underlying psychological mechanisms of motor competence*. Presentation at the Annual Meeting for the North American Society for the Psychology of Sport and Physical Activity. Montreal, Canada. *Journal of Sport and Exercise Psychology* 37(suppl.)
- Stodden, D.F.**, De Meester, A. (2016, June). *Novel Approaches and Assessments influencing associations among Perceived Competence, Motor Competence and Children's Physical Activity*. Presentation at the Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Canada. *Journal of Sport and Exercise Psychology* 37(suppl.)
- De Meester, A., **Stodden D.F.**, Brian, A., True, L., Tallir, I., Cardon, G., Haerens, L. (2016, June). *Associations among actual motor competence, perceived motor competence and physical activity in children*. Presentation at the Annual Meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Canada. *Journal of Sport and Exercise Psychology* 37(suppl.).
- Brian, A., Haegele, J., Bostick, L., Lieberman, L., Nesbitt, D., **Stodden, D.F.**, & Taunton, S. (2016, September). *Perceptions of motor competence for children with and without visual impairments*. Presentation at the North American Federation of Adapted Physical Activity Conference, Edmonton, AB, Canada.
- Nesbitt, D. R., Molina, S., & **Stodden, D. F.** (2016, June). *Examining supine-to-stand as a measure of functional motor competence and health in children*. Presentation at the annual meeting of North American Society for Psychology of Sport and Physical Activity, Montreal, Canada.
- Sacko, R. S., Pfeifer, C., Nesbitt, D., **Stodden, D.F.**, (2016, June) *Product oriented throwing, kicking and jumping motor performance data across childhood*. Presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Canada.
- Taunton, S., True, L., Brian, A., Goodway, J. D., **Stodden, D.F.** (2016, June). *Hopping distance varies by developmental sequences of hopping in children and adolescents*. Presentation at the annual meetgin of the North American Society for the Psychology of Sport and Physical Activity, Montreal, Canada.

- Goodway, J. D., **Stodden, D. F.**, Brian, A. S., Chang, S., Ferkel, R., True, L., Famelia, R., & Tsuda, E. (2015). *Developmental trajectories in actual and perceived motor competence, physical activity, and health-related fitness as predictors of weight status*. Annual meeting of North American Society for Psychology of Sport and Physical Activity, Portland, OR. *Journal of Sport and Exercise Psychology*, 37, S77.
- Logan, S. W., Robinson, L. E., Barnett, L. M., Goodway, J. D., & **Stodden, D. F.** (2015). *Comparison of performance on process- and product-oriented motor assessments*. Annual meeting of North American Society for Psychology of Sport and Physical Activity, Portland, OR. *Journal of Sport and Exercise Psychology*, 37, S12.
- De Meester, A., Pion, J., **Stodden, D.F.**, Cardon, G., Lenoir, M., Haerens, L. (2015). *Actual and perceived motor competence assessment in relation to children's motivation towards sports and community sports participation*. Annual meeting of North American Society for Psychology of Sport and Physical Activity, Portland, OR. *Journal of Sport and Exercise Psychology*, 37, S13.
- De Meester, A.; Maes, J.; Stodden D.F., Cardon G., Goodway, J., Lenoir, M. & Haerens, L. (2015). *Identifying profiles based on actual and perceived motor competence: Differences in physical activity, sports participation, and motivation towards physical education*. Annual meeting of North American Society for Psychology of Sport and Physical Activity, Portland, OR. *Journal of Sport and Exercise Psychology*, 37, S75.
- Nesbitt, D. R., Phillips, D. S., & **Stodden, D. F.** (2015, June). *Feasibility of supine-to-stand time as a measure of lifespan motor competence*. Annual meeting of North American Society for Psychology of Sport and Physical Activity, Portland, OR. *Journal of Sport & Exercise Psychology*, 37, S13.
- Cattuzzo, M.T., Campos, C., Re, A.H.N., Oliveira, D.S., **Stodden D.F.** (2014, June). *Associations between process and product measures of standing long jump in adolescents*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Minneapolis, MN. *Journal of Sport & Exercise Psychology*, 36, S62.
- Henrique, R.S., Cattuzzo, M.T., Re, A.H.N., Prazeres, T.M.P., **Stodden D.F.** (2014, June). *Association between sports participation, motor competence and body weight status: A longitudinal Study*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Minneapolis, MN. *Journal of Sport & Exercise Psychology*, 36, S68.
- Lai S.K., Costigan S.A., Morgan P.J., Lubans D.R., **Stodden D.F.**, Salmon J., Barnett L. (2014). *Do school-based interventions focusing on physical activity, fitness, or fundamental movement skill competency produce a sustained impact in these outcomes in children and adolescents? A systematic review of follow-up studies*. AIESEP World Congress. Auckland, New Zealand.
- Brian, A., Goodway, J. D., **Stodden D. F.**, True, L., Ferkel, R. (April, 2013), *Developmental trajectory of the relationship between perceived motor competence and actual motor competence in children*. International Society of Behavioral Nutrition and Physical Activity. Ghent, Belgium. *International Journal of Behavioral Nutrition and Physical Activity*, (supplement), P293.
- Goodway, J.D., **Stodden, D. F.**, Seung Cho, C., Kim, J. Barnett, L. M., Brian, A. (April, 2013). *Examining the relationship between motor competence and physical activity: implications to health-based physical education*. International Society of Behavioral Nutrition and Physical Activity. Ghent, Belgium. *International Journal of Behavioral Nutrition and Physical Activity*, (supplement), S141.
- Goodway, J. D., **Stodden, D. F.**, Lomax, R., Ferkel, R., Brian, A., Seung Cho, C. True, L. (April, 2013). *Developmental trajectories of the relationship between motor skill competence, physical activity, perceived*

motor competence and health-related fitness. International Society of Behavioral Nutrition and Physical Activity. Ghent, Belgium. *International Journal of Behavioral Nutrition and Physical Activity*, (supplement), S162.

- Goodway, J.D., Stodden, D. & Brian, A. (2012). *Examination of the role of motor competence, perceived motor competence and physical fitness as underlying mechanisms driving physical activity behaviors in children*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Honolulu, Hawaii. *Journal of Sport and Exercise Psychology*, 34, S12.
- Goodway, J. D., & Stodden, D. (2012). *Examining the dynamic relationship between motor competence, perceived motor competence, and physical fitness in children*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Honolulu, Hawaii. *Journal of Sport and Exercise Psychology*, 34, S11.
- Goodway, J. D., **Stodden, D. F.**, Brian, A., (2012). *Examining the dynamic relationship between motor competence, perceived motor competence and physical fitness in children. Developmental and conceptual model of the underlying mechanisms*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Honolulu, Hawaii. *Journal of Sport & Exercise Psychology*, 34, S12.
- Stodden, D. F.**, True, L., Goodway, J. D., Ferkel, R. (2012). *Relationships among product- and process-oriented measures of motor skill competence and perceived competence in young children*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Honolulu, Hawaii. *Journal of Sport & Exercise Psychology*, 34, S13.
- Stodden, D. F.**, Langendorfer, S. Goodway, J., Ferkel, R., & Gao, Z. (2012). *The relationships among motor skill competence and health-related fitness across childhood*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Honolulu, Hawaii. *Journal of Sport & Exercise Psychology*, 34, S13.
- Urbin, M., **Stodden, D. F.**, Fleisig, G. S., (2011). *Kinematic variability of differentially skilled children and adolescent overarm throwers*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Burlington, VT. *Journal of Sport & Exercise Psychology*, 33, S42.
- Stodden, D. F.**, True, L. & Langendorfer S. J. (2010). *Predicting health-related fitness in young adults: Association to motor skill competence*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Tucson, AZ. *Journal of Sport & Exercise Psychology*, 32, S16.
- Goodway, J. D., **Stodden, D. F.**, Ferkel, R., Mowad, L (2010). *Associations among motor skill competence, physical activity, health-related fitness, and perceived competence in young children*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Tucson, AZ. *Journal of Sport & Exercise Psychology*, 32, S14.
- Urbin, M. A., & **Stodden, D. F.** (2010). *Examining Impulse-Variability in overarm throwing*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Tucson, AZ. *Journal of Sport & Exercise Psychology*, 32, S132.
- Stodden, D. F.**, Langendorfer, S. J., Roberton, M. A., & Kelbley, L. (2007). *Relationship between motor skill competence & physical fitness in children*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA. *Journal of Sport & Exercise Psychology*, 29, S36.
- Stodden, D. F.**, Langendorfer, S. J., Snyder, L., Hundley, J., Fruth, J., &

- Robertson, M. A. (2006). *Relationships among physical fitness and motor skillfulness*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO. *Journal of Sport & Exercise Psychology*, 28, S176.
- Stodden, D. F.**, Langendorfer, S. J., & Robinson, R. R. (2005). *Kinematic constraints associated with the acquisition of overarm throwing*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St Petersburg, FL. *Journal of Sport & Exercise Psychology*, 27, S24.
- Stodden, D. F.**, & Fleisig, G. S. (2004). *Identifying trunk kinematic constraints in overarm throwing development*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA. *Journal of Sport & Exercise Psychology*, 26, S180.
- Stodden, D. F.**, Rudisill, M. E., Wall, S. J., & Lawrence, M. (2003). *Effect of an integrated biomechanical/developmental instructional protocol on developmental throwing characteristics and gender differences*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA. *Journal of Sport & Exercise Psychology*, 25, S130.
- Langendorfer, S. J., Hundley, J., Hahn, C., & **Stodden, D. F.** (2003). *Searching for anatomic constraints on the forceful overarm throw*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA. *Journal of Sport & Exercise Psychology*, 25, S73.
- Lehman, D. M., **Stodden, D. F.**, & Fischman, M. G. (2002). *End-State comfort effects in bimanual grip selection tasks with random order of targets*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD. *Journal of Sport & Exercise Psychology*, 24, S86.
- Fischman, M. G., **Stodden, D. F.**, Howard, C. H., & Lehman, D. M. (2001). *The end-state comfort effect as a function of bimanual grip selection*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO. *Journal of Sport & Exercise Psychology*, 23, S84.
- Weimar, W. H., Rudisill, M. E., Martin, E. H., **Stodden, D. F.**, Adalbjornsson, C. F., & Goodway, J. D. (2001). *How cue words influence the biomechanical parameters of motor skill acquisition*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO. *Journal of Sport & Exercise Psychology*, 23, S54-S55.
- Stodden, D. F.**, Fleisig, G. S., & McLean, S. P. (2000). *Relationship of shoulder and elbow kinetics to baseball pitching velocity*. Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA. *Journal of Sport & Exercise Psychology*, 22, S105-S106.

2. National (43)

(Names in *italics* denote graduate student contributions under my supervision)

- Sacko, R. S., De Meester, A., Bardid, F., **Stodden, D. F.** (April, 2019) *Children's Levels of Energy Expenditure, Perceived Exertion, and Fun During Discrete Skill Practice*. Presented at the annual meeting of the Society of Health and Physical Educators in America, Tampa, FL.
- Stewart, G., Webster, C., Weaver, R. G., Brian, A., & **Stodden, D. F.** (March 2018). *Systematically Observed Movement Integration in a Low Socioeconomic School District*. Presented at the Society of Health and Physical Educators (SHAPE) America National Convention, Nashville, TN.
- Stewart, G., Webster, C., Weaver, R. G., Brian, A., & **Stodden, D. F.** (2018, March). *Systematically observed movement integration in a low socioeconomic school district*. Presented at the Society for Health and Physical Educators America National Convention, Nashville, TN.

- Pennell, A., Brian, A., Taunton, S., & **Stodden, D. F.** (2018, March). *Evidence-based recommendations to develop forceful kicking in young children*. Presented at the Society for Health and Physical Educators America National Convention, Nashville, TN.
- Brian, A., Taunton, S., Howard-Shaughnessy, C., Goodway, J. D., **Stodden, D. F.** (2018, March). *Children's motor skills vary by sex and rural/urban school location*. Presented at the Society for Health and Physical Educators National Convention, Nashville, TN.
- Sacko, R.S., Nesbitt, D.R., McIver, K., & **Stodden, D.F.**, (March, 2017) *Metabolic Expenditure During Object Projection Skill Performance*. Presented at the annual meeting of Society of Health and Physical Educators in America, Boston, MA.
- Taunton, S., Brian, A., Pennell, A., Lieberman, L. J., **Stodden, D.F.**, & Webster, C. A. (2017, July). *Effectiveness of a universally-designed motor skill intervention in a self-contained preschool classroom*. Presented at National Consortium for Physical Education for Individuals with Disabilities, Arlington, VA.
- Nesbitt, D.R., Molina, S., Sacko, R., & **Stodden, D.F.** (2017, March). *The relationship between Supine-to-Stand and health-related fitness in young adults*. Presented at the annual meeting of Society of Health and Physical Educators in America, Boston, MA.
- Molina, S. L. & **Stodden, D. F.** (2017, March). *Examining Impulse-Variability Theory in Kicking Performances in Children*. Presented at the annual meeting of Society of Health and Physical Educators in America, Boston, MA.
- Egan, C. A., Webster, C. A., Weaver, R. G., **Stodden, D. F.**, Brian, A., Russ, L. B., Nesbit, D.R., & *Michael, R. D., (2017, March). *Differences in classroom teachers' responses to a movement integration intervention*. Presented at Society for Health and Physical Educators National Convention, Boston, MA.
- Egan, C. A., Webster, C. A., Weaver, R. G., **Stodden, D. F.**, Russ, L. B., Brian, A., & Stewart, G. (2017, March). *Case study of a school-university partnership to grow a CSPAP*. Presented at Society for Health and Physical Educators National Convention, Boston, MA.
- Gao, Z., Lee, J., **Stodden, D.F.**, & Roncesvalles, R. (2016). *Trajectory changes of children's energy expenditure and physical activity: The effect of physical activity regiment*. Presented at American College of Sports Medicine annual meeting in Boston, MA, 2016.
- Gao, Z., Lee, J., Stodden, **D.F.**, Roncesvalles, R., & Pasco, D., & Huang, C. (2016). *Effect of exergaming on children's energy expenditure and physical activity*. Presented at Society for Health and Physical Educators annual meeting in Minneapolis, MN, 2016.
- Ferkel, R.C., Judge, L.W., & **Stodden, D.F.** (2016, April). *Perceived versus actual fitness competence and knowledge in college students*. Annual meeting of Society of Health and Physical Educators in America, Minneapolis, MN.
- Nesbitt, D. R., Cattuzzo, M.T., Molina, S., Robinson, L., Phillips, D. S. & **Stodden, D. F.** (2016, April). *Supine-to-stand: A measure of functional motor competence in preschool children*. Annual meeting of Society of Health and Physical Educators in America, Minneapolis, MN.
- Ferkel, R.C., Judge, L.W., **Stodden, D.F.**, & Griffin, L.K. (2015, June). *High school sports participation impact on physical activity and physical fitness levels in college students*. 2015 National Coaching Conference, Morgantown, WV.

- Molina, S., Chappel, A., McKibben, J., & **Stodden, D. F.** (2015, March). *Examining Impulse-Variability Theory in Kicking in Young Adults*. Presented at the annual meeting of Society of Health and Physical Educators in America, Seattle, WA.
- Taunton, S., Brian, A., SPennell, A., Lieberman, L. J., **Stodden, D.F.**, & Webster, C. A. (2017, July). *Effectiveness of a universally-designed motor skill intervention in a self-contained preschool classroom*. Presented at National Consortium for Physical Education for Individuals with Disabilities, Arlington, VA.
- Brian, A., Goodway, J. D., **Stodden, D.F.**, Robinson, L., Tsuda, E., & Famelia, R. (2015, October). *Evidence-based recommendations for preparing P-2 teachers to increase engagement with physically active lifestyles of children from urban, low-income contexts*. Presented at Physical Education Teacher Education (PETE) National Conference, Atlanta, GA.
- Nesbitt, D. R., Cattuzzo, M. T., Molina, S., Phillips, D. S., & **Stodden, D. F.** (2015, March). *Supine-to-Stand Time as a Measure of Functional Status in Childhood*. Presented at the annual meeting of Society of Health and Physical Educators in America, Seattle, WA.
- Venzia, J.W., **Stodden D.F.**, Pregonero, A.F., Der Ananian, C.A., Ainsworth, B.E. (2014). *Associations Between Fundamental Movement Patterns and Performance in Middle-Aged Women*. Presented at the annual Meeting of the American College of Sports Medicine. *Medicine & Science In Sports And Exercise*, Vol. 46:5 Supplement.
- Gao, Z., Huang, C., **Stodden, D. F.**, Chen, S., & Feng, D. (2014, May). *Children's Physical Activity Levels During School-based Programs And After-school Segment*. Presented at the annual Meeting of the American College of Sports Medicine. *Medicine & Science In Sports And Exercise*, Vol. 46:5 Supplement.
- Ferkel, R. C., Judge, L. W., & **Stodden, D.F.** (2014, April). *Health-related fitness knowledge in two university populations*. Poster presented at the American Alliance for Health, Physical Education, Recreation and Dance National Convention, St. Louis, MO.
- Ferkel, R. C., Judge, L. W., **Stodden, D. F.** (2014). *Relationship between physical fitness knowledge and levels of physical fitness and physical activity*. *Medicine and Science in Sports and Exercise*, 45:5 Supplement.
- Brian, A.S., Goodway, J.D., **Stodden, D.F.**, & Tsuda, E. (2014) *Perceived and actual motor competence: Cross-sectional associations across childhood*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, St. Louis, MO.
- Goodway, J.D., **Stodden, D.F.**, Lomax, R., Brian, A.S., Chang, S., Famelia, R. (2014). *Relationships Between Motor Competence and Physical Activity Change Across Childhood*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, St. Louis, MO.
- Ferkel, R. C., Judge, L. W., **Stodden, D. F.**, & Griffin, K. (2013, April). *The importance of health-related fitness knowledge in physical education*. Round table discussion presented at the International Council for Health, Physical Education, Recreation, Sport, and Dance forum in conjunction with American Alliance for Health, Physical Education, Recreation and Dance National Convention, Charlotte, NC.
- Ferkel, R. C., Judge, L. W., **Stodden, D. F.**, & Bellar, D. (2013, May). *Relationship between physical fitness knowledge and levels of physical fitness and physical activity*. Poster presented at the American College of Sports Medicine conference, Indianapolis, IN.

- Gao, Z., **Stodden, D. F.**, & Ning, W. (2013, May). *A comparison of young children's physical activity levels in physical education, recess and exergaming*. Paper presented at annual meeting of World Congress of Exercise is Medicine in Indianapolis, IN.
- Gao, Z., **Stodden, D. F.**, & Zhang, T. (2013, April). *Examining the mediating role of perceived competence in exergaming Activities*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Charlotte, NC.
- Gao, Z., Xiang, P., & **Stodden, D. F.** (2012, May). *Impact of an integrative dance based program on urban children's physical fitness and academic achievement*. Paper presented at the annual meeting of the American College of Sports Medicine annual meeting in San Francisco, CA, 2012.
- Anderson, A., Boros, R. L., **Stodden, D. F.** & Yang, H. S. (2012). *The influence of prophylactic ankle braces on lower limb mechanics*. Annual meeting of the American Society of Biomechanics.
- Stodden, D. F.**, Griffin, K. L., & Ferkel, R. (2012). *Relationship between health-related fitness knowledge and physical fitness*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Boston, MA. *Research Quarterly for Exercise and Sport*, 83(1), A-63.
- Ferkel, R., **Stodden, D. F.**, Griffin, K., & Hamman, D. (2012, March). *Relations between health-related physical fitness knowledge and physical fitness in young adults*. Poster presented at the American Alliance of Health, Physical Education, Recreation, and Dance international conference, Boston, MA.
- Lorson, K., **Stodden, D. F.**, Langendorfer, S. J., & Goodway, J. D. (2012). *Throwing performance of adolescent, young adult and adult throwers*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Boston, MA. *Research Quarterly for Exercise and Sport*. 83(1), A-35.
- Stodden, D. F.**, & Castelli, D. (2012). *Healthy Children 101. Recent evidence on Relationships among physical activity health-related fitness motor skill competence and academic achievement*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Boston, MA. *Research Quarterly for Exercise and Sport*.
- Gao, Z., Ning, W., **Stodden, D. F.** (2012, March). *Elementary children's self-efficacy, enjoyment and perceived exertion in exergaming*. *Research Quarterly for Exercise and Sport*, 83(1), A-2.
- Gao, Z., Xiang, P., **Stodden, D. F.** (2012). *Impact of an integrative dance based program on urban children's physical fitness and academic achievement*. Paper presented at the annual meeting of the American College of Sports Medicine in San Francisco, CA. *Medicine and Science in Sports and Exercise*, 44(5), S119-120.
- Carrillo, E., **Stodden, D. F.**, & Ionno, M. (2011). *Kinematic constraints on overarm throwing development*. Annual meeting of the Society for Advancement of Chicanos and Native Americans in Science, San Jose, CA.
- Campbell, B. M., **Stodden, D. F.**, Omler, C., Garba, B. (2009). *Comparison of EMG activity in trunk training exercises and baseball pitching and hitting*. Presented at the 2009 ACSM National Convention in Seattle, Washington. *Medicine and Science in Sport and Exercise*, 41(5)
- Campbell, B. M., **Stodden, D. F.**, Nixon, M. K. (2008). *Assessment of select lower extremity muscle firing patterns during the baseball pitch*. *Med & Science in Sport & Exercise*, 40, 5-S212, 2008.
- Stodden, D. F.**, Moyer, T. M., & Campbell, B. M. (2006). *Comparison of trunk kinematics in training exercises and throwing*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Salt Lake City, UT. *Research Quarterly for Exercise and Sport*, 77, A-18.

- Lorson, K. M., **Stodden, D. F.**, Goodway, J. D., & Langendorfer, S. J. (2006). *Overarm Throwing Velocity of High-School-Age Boys and Girls*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Salt Lake City, UT. *Research Quarterly for Exercise and Sport*, 77, A-46.
- Stodden, D. F.** Langendorfer, S. J., & Fleisig, G. S. (2005). *Predictive validity of developmental component levels in overarm throwing*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, IL. (**highest peer review rating by Research Consortium**). *Research Quarterly for Exercise and Sport*, 76, A-60.
- Stodden, D. F.**, Fuhrhop, D. L., Langendorfer, S. J., & Fleisig, G. S. (2004). *Comparison of Biomechanical and Component Throwing Analyses*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, New Orleans, LA. *Research Quarterly for Exercise and Sport*, 75, A-52.
- Langendorfer, S. J., Hahn, C., Hundley, J. & **Stodden, D. F.** (2004). *Comparing preferred and non-preferred hand throwing to reexamine nature versus nurture*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, New Orleans, LA. *Research Quarterly for Exercise and Sport*, 75, A-48.
- Skelly, W.A., Toy, J.E., Darby, L. A., & **Stodden, D.F.** (2004). *Effects of two specific softshell braces during landing and cutting maneuvers*. American College of Sports Medicine Annual Meeting, Indianapolis, IN. *Medicine & Science in Sports & Exercise*, 36 (5), S294.
- Stodden, D. F.** (2003). *Comparison of developmental throwing protocols: Intervention effects on developmental levels*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, San Diego, CA. *Research Quarterly for Exercise and Sport*, 73, A-53.
- Weimar, W., Rudisill, M. E., **Stodden, D. F.**, & Martin, E. H. (2003). *Biomechanical changes of motor skill performance under different cue word and modeling conditions*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, San Diego, CA. *Research Quarterly for Exercise and Sport*, 73, A-54.
- Allyn, D. A., McLean, S. P., Horras, J. C., & **Stodden, D. F.** (1997). *Effect of resistance training on postural stability and a sit-to-stand task*. *Medicine and Science in Sports and Exercise*, 29, S113.

3. Non-refereed Papers (Presentations) (19)

(Names in *italics* denote graduate student contributions under my supervision)

- Stodden, D. F.**, Brian, A., Kunz, G. (2018, March). *The role of human movement in developing social, emotional, and behavioral health in early childhood*. Presented at the SouthEastern School Behavioral Health Conference, Myrtle Beach, SC.
- Taunton, S., Brian, A., & **Stodden, D.F.** (2016, March). *Using technology to link motor development (gross motor skills) with overall health and fitness outcomes in children*. Presentation at the South Carolina Share Fair Nation, Irmo, SC.
- Egan, C., Brian, A., Taunton, S., & **Stodden, D.F.** (2016, March). *Strategies, resources, and opportunities to use technology to integrate physical activity with academic content into their classrooms*. Presentation at the South Carolina STEM Share Fair Nation, Irmo, SC.
- Bott, T., **Stodden, D.F.** (2015) *Integration of motor competence development in physical education curriculum*. SCAHPERD Annual Conference. Myrtle Beach, SC.

- Bott, T., **Stodden, D.F.**, Molina, S., Nesbitt, D. (2014). *Examining Seefeldt's Proficiency Barrier: Can Skill Levels Predict Fitness Levels?* SCAHPERD Annual Conference. Myrtle Beach, SC.
- Stodden, D. F.**, Lane, P., Carrillo, E. (2013, October). *Prolongitudinal Screening Developmental Sequences for the Landing Phase of the Standing Long Jump*. Motor Development Research Consortium, Philadelphia, PA.
- Stodden, D. F.**, Tolleson, D., Shields, J.C. (2013, October). *Associations between Standing Long Jump Component Sequences and Jump Distance across Childhood*. Motor Development Research Consortium, Philadelphia, PA.
- True, L., **Stodden, D. F.**, & Goodway, J. (2012, November). *Relationships Among Product- and Process-oriented Measures of Motor Skill Competence and Perceived Competence in Young Children*. Annual Conference for Midwest Sport and Exercise Psychology Symposium, East Lansing, MI.
- Stodden, D. F.**, Carrillo, E., Ionno, M. (2011). *System constraints on overarm throwing development*. Motor Development Research Consortium Madison, WI.
- Stodden, D. F.**, Langendorfer, S. J., & Kelbley, L. (2008, October). *Relationship of motor skill and physical fitness in 35-55 year-old adults*. Motor Development Research Consortium, St. George Is, FL.
- Stodden, D. F.**, Langendorfer, S. J., & Kelbley, L. (2007, November). *Comparison of developmental assessments for overarm throwing*. Motor Development Research Consortium, Baltimore, MD.
- Stodden, D.F.**, Hundley, J., & Campbell, B. M. (2006, November). *Bimanual Coordination in Baseball Pitching: Applications for Instruction*. Motor Development Research Consortium, Lubbock, TX.
- Comastro, L., Davis, L., Navarre, K., & Stewart, J. (2006). *Relationships among motor skill and physical fitness measures*. Undergraduate Research Conference, Bowling Green State University.
(Honorable Mention, Sigma Xi Scientific Research Society) Stephen J. Langendorfer and **David F. Stodden**, Co-Supervisors.
- Stodden, D.F.**, Langendorfer, S. J., Robertson, M. A., Snyder, L., Hundley, J., & Fruth, J. (2005, November). *Association between Motor Skillfulness and Aspects of Physical Fitness*. Motor Development Research Consortium, Dekalb, IL.
- Stodden, D.F.** & Langendorfer, S. J. (2004, November). *Predictive Validity of kinematic variables on developmental levels of overarm throwing*. Motor Development Research Consortium, Newark, DE.
- Stodden, D. F.**, Fuhrhop, D. L., & Fleisig, G. S. (2003, November). *Comparison of biomechanical and component throwing analyses*. Motor Development Research Consortium, Columbus, OH.
- Lorson, K., Goodway, J., & **Stodden, D. F.** (2002, December). *Throw faster! Improving the performance of the overarm throw*. 73rd Ohio American Alliance for Health, Physical Education, Recreation, and Dance, Cleveland, OH.
- Stodden, D. F.**, Rudisill, M. E., & Wall, S. (2002, November). *Comparison of instructional effects on gender differences in throwing*. Motor Development Research Consortium, Austin, TX.
- Stodden, D. F.** (2001, October). *Comparison of developmental throwing protocols: Intervention effects on developmental levels*. Motor Development Research Consortium, Ann Arbor, MI.
- Weimar, W., Rudisill, M. E., **Stodden, D. F.**, & Martin, E. H. (2000, October). *The influence of a model and verbal cue on the performance of a task*. Motor Development Research Consortium, Bowling Green, OH.

TEACHING

A. Faculty Mentoring & Development

Patrizia Tortella, Ph.D., University of Verona, Verona Italy (2018, 2016)

Dr. Tortella invited me to her University to help guide research activities including idea development and academic writing. Also advised her on utilization of her outdoor playground research laboratory.

Alessandro Nicholas Re, Ph.D., Universidade de São Paulo - São Paulo, Brazil (2014-2015)

I hosted Dr. Re for a three month stay at USC to provide mentoring on the development of his research line and collaborate projects. I provided guidance and mentoring on academic writing skills, grant writing skills and motor competence assessment methodology.

Maria Theresa Cattuzzo, Ph.D., Universidade de Pernambuco - Recife, Brazil (2013-2014)

I hosted Dr. Cattuzzo for a nine month stay at USC to assist in the development of her research line and to collaborate on projects. I provided guidance and mentoring on academic writing skills, grant writing skills, assessment methodology and development of instructional materials for motor development.

B. Courses Taught

1. Undergraduate Courses

University of South Carolina

PEDU 520 Analysis of Sport Skills and Tactics

PEDU 420 Motor Learning

Texas Tech University

ESS 3303 Motor Learning

ESS 4366 Motor Control

ESS 5000 Independent Research

Bowling Green State University

KNS 229 Lifetime Fitness

KNS 230 Structural and Functional Bases of Human Movement

KNS 250 Principles of Motor Skill Acquisition

KNS 350 Motor Learning

KNS 429 Sport Conditioning

KNS 481 Senior Project – Co-advisor (6 students)

KNS 387/489 Supervision of Exercise Specialist and Human Movement Science
Internship and Practicum Students

PEG 208 Basketball, Bowling Green State University

PEG 240 Exercise and Conditioning, Bowling Green State University

Auburn University

HLHP 3650 Motor Learning and Performance
 HLHP 3620 Biomechanical Analysis of Human Movement
 HLHP 3020 Scientific Foundations of Health and Human Performance
 PHED 1100 Concepts of Wellness

2. Graduate Courses

University of South Carolina

PEDU 832 Practicum in Motor Learning/Motor Skill Performance
 PEDU 731 Mechanisms of Motor Skill Acquisition
 PEDU 870 Promoting Integrative Youth Physical Development
 PEDU 830 Development of Skilled Sport Performance
 PEDU 829 Advanced Topics in Child and Adolescent Development
 ATEP 798 Research Practicum in Athletic Training

Texas Tech University

ESS 5305 Motor Learning
 ESS 5302 Motor Control
 ESS 5317 Program Design in Strength and Conditioning
 ESS 5317 Exercise Techniques in Strength and Conditioning
 ESS 7000 Independent Research

Bowling Green State University

HMSL 612 Motor Learning and Control
 HMSL 613 Motor Development
 HMSL 619 Sport Conditioning
 HMSL 650 Seminar in Developmental Kinesiology
 HMSL 680 Neurophysiological Basis of Human Movement

3. Other Teaching & Outreach

Participated in Career Day at Lake Murray Elementary. Presented and conducted interactive career activities with 4 doctoral students to 7 classes of 4th and 5th graders, Spring 2015
 Service presentation on "Physical Activity and Fitness Promotion" for Cooper ISD, August, 2012
 Supervisor, Motor Skills Program, Auburn Early Education Center, Auburn, AL, 2001
 Supervisor, Loachapoka Elementary Sport Enrichment After-School Program, Loachapoka, AL, 2000
 Instructor, Baseball and Academic Skills Instructional Course (BASIC), Birmingham Inner City Youth Program, Birmingham, AL, 2000
 Instructor, Youth Sport Programs, YMCA of Akron, Akron, OH, 1999
 Instructor, Sports Science Camp, American Sports Medicine Institute, Birmingham, AL, 1998

4. Directed Dissertations, Theses, and Directed Projects

***Denotes research that has been published or presented at a conference**

a. Dissertations

Silvey, K. (in progress). *The Relationship Between Physical Military Readiness and Functional Motor Competence*. University of South Carolina.

Scruggs, K. (In progress). Relationship between force variability and sport performance. University of South Carolina.

Sacko, R. (2018). *Metabolic Expenditure During Object Projection Skill Performance*. University of South Carolina.*

Current Position: Assistant Professor, Citadel

Pfeifer, C. (2017). *Functional motor competence and injury in youth athletes*. University of South Carolina.*

Current Position: Senior Lecturer, University of Gloucestershire, UK

Nesbitt, D. (2016). *Supine-to-stand as a test of functional motor competence*. University of South Carolina.* **Dissertation funded by a USC SPARC Grant, sponsored by the Office of the VPR.**

Current Position: Assistant Professor, Fayetteville University, NC.

Molina, S. (2015). *Impulse-Variability and the speed-accuracy trade-off in ballistic skills: Applications for instruction*. University of South Carolina.*

Current Position: Assistant Professor, Missouri Western State University.

Ferkel, R. (2011). *Relationships among health-related fitness/physical activity knowledge, physical fitness and physical activity young adults*. Texas Tech University.*

Current Position: Assistant Professor, Central Michigan University

Visiting International Doctoral Students (collaborative supervisor role)

1. Campos, C. Universidade de Pernambuco - Recife, Brazil (2014-2016)
2. De Meester, A. Ghent University - Ghent, Belgium (2015-2018)
3. Henrique, R., Universidade de Pernambuco - Recife, Brazil (2015-present)

b. Directed Theses

Price, J. A. (2005). *The influence of injury related patient education on the pain perception of injured athletes*. Bowling Green State University. **Mary Ann Robertson Thesis Award.**

c. Directed Research Projects:

Courtney Perkins (in progress). *Determining the Presence of Residual Motor and Vestibular Deficits Following a Sport Related Concussion*. University of South Carolina.

Hannah Kolcz. (in progress). *Associations between Perceptions of Environment and Motor Competence in Children & Adolescents*. University of South Carolina.

- Taylor Kramer (2018). *Association between the Functional Movement Screen, Y-Balance Test and Physical Performance in High School Athletes*. University of South Carolina.
- Matthew Choice (2018). *Correlation Between Functional Movement Assessments*. University of South Carolina.
- Michaela Rabas (2018). *The Effect of Practice on Lower Extremity Functional Movement Assessment*. University of South Carolina.
- Lora Fuhrmann (2017). *Test-retest reliability for the Functional movement screen*. University of South Carolina.
- Andrew Flanigan (2017). *Functional Movement Screen and Knee Injury Prevalence in Collegiate Athletes*. University of South Carolina.
- Kate Creznic (2017). *Relationship Between Supine-to-Stand Axial Component and Functional Movement Screen Core Measures*. University of South Carolina.
- Nugent, C. (2016). *Association Between Functional Motor Competence and Sport Specialization*. University of South Carolina.
- Scott, A. (2016). *Association Between Functional Motor Competence and Health-Related Physical Fitness*. University of South Carolina.
- Medina, A. (2015). *Association between Functional Movement Proficiency and Injury Incidence in Youth Athletes*. University of South Carolina.
- Hughes, J. (2015). *Association between Health-Related Fitness and Injury Incidence in Youth Athletes*. University of South Carolina.
- Lane, P. (2013). *Prelongitudinal Screening Developmental Sequences for the Landing Phase of the Standing Long Jump*. Texas Tech University.*
- Tolleson, D. (2013). *Associations between Standing Long Jump Take-off and Landing Sequences and Jump Distance across Childhood*. Texas Tech University.*
- Okafor, N. (2013). *Association between motor skill competence and physical fitness in adult women*. Texas Tech University.*
- Shields, J. C. (2013). *Cross-sectional associations among component developmental sequences of hopping and hopping distance across childhood*. Texas Tech University.
- Hinrichs, J. (2012). *Relationship of lower extremity criterion and field-based strength-power assessments*. Texas Tech University.
- Anderson, A. (2012). *The Influence of prophylactic ankle braces on knee mechanics during single-leg hopping for distance*. Texas Tech University.*
- Chappell, A. (2012). *Impulse-variability in kicking*. Texas Tech University.*
- Urbin, M. (2010). *Impulse-variability in overarm throwing*. Texas Tech University.*
- Ionno, M. (2011). *Kinematic constraints in the overarm throwing development*. Texas Tech University.*
- Stoyanoff, A. (2009). *Strength and body composition changes during an in-season resistance training program for football*. Bowling Green State University.
- Adams, S. R. (2008). *Association of motor skill competence and physical fitness in adults*. Bowling Green State University.*
- Kelbley, L. (2007). *Comparison of developmental analyses: Test for Gross Motor Development II vs. developmental sequences*. Bowling Green State University.*

- Galitski, H. (2007). *Longitudinal assessment of a collegiate strength and conditioning program*. Bowling Green State University.*
- Hundley, J. (2006). *Bimanual coordination in baseball pitching: Effects of upper extremity alterations on kinematic and performance variables*. Bowling Green State University. **Mary Ann Robertson Project Award.***
- Moyer, T. (2005). *Analysis of pelvis and upper torso kinematics in core training exercises*. Bowling Green State University.*

5. Membership on Dissertation Committees

- Emily Gilbert (in progress).
- Alex Stribbing (in progress).
- Jenna Fisher (in progress).
- Chelsee Shortt (2019). *Two Studies Conceptualizing Physical Literacy for the Assessment of High School Students*. University of South Carolina.
- Karie Orenduff (2019). *U.S. Principals' Involvement in Comprehensive School Physical Activity Programs: A Social-Ecological Perspective*. University of South Carolina.
- Adam Pennell (2018). *Multidimensional Balance in Students with Visual Impairments*. University of South Carolina.
- Sally Taunton (2018). *The Effects of an Integrative, Universally-Designed Motor Skill Intervention for Young Children With and Without Disabilities*. University of South Carolina.
- Stewart, G. (2018). *Two studies of classroom movement integration and the development of a survey to measure physical education teachers' attitudes toward championing comprehensive school physical activity programs*. University of South Carolina.
- Dan Michael (2017). *Three studies of service learning as an approach to movement integration in elementary classrooms*. University of South Carolina.
- Cate Egan (2017). *Two studies of partnership approaches to comprehensive school physical activity programming*. University of South Carolina.
- Palmer, K. (in progress). *Effect of Preschoolers' Engagement in Movement Environments on Motor Skill Acquisition*. University of Michigan. **(External Member)**.
- Laukkanen, A. (2016). *Physical Activity and Motor Competence in 4-8-Year-Old Children: Results of a Family-Based Cluster-Randomized Controlled Physical Activity Trial*. University of Jyväskylä, Jyväskylä, Finland. **(External examiner)**.
- Bardid, F. (2016). *Early childhood motor development: Measuring, understanding and promoting motor competence*. Ghent University, Ghent, Belgium. **(External examiner)**.
- Wellborn, B. (2013-2014). *Development of knowledge structures adolescent baseball players*. University of South Carolina.
- Zou, Q. (2012). *Deterministic optimization: The reliability indexes are not the key factors in determining the predicted posture*. Texas Tech University.
- Howard, B. (2012). *Ground Reaction Force for Given Human Standing Posture with Uneven Terrain: Prediction and Validation*. Texas Tech University.
- McIntyre, F. (2009). *A longitudinal examination of the contribution of perceived motor competence and actual motor competence to physical activity in 6 to 9 year old children*. University of Notre Dame, Australia. **(External examiner)**.

- Thaxton, S. (2009). *An optimization-based biomechanical model of the thoracic spine*. Texas Tech University.
- Davis, G. (2007). *Is Financial Planning Everything? An Exploration of Psychological Retirement Planning*. Bowling Green State University.

6. Membership on Thesis and Project Committees:

- Rogers, K. (2015). *Association between Maturation and Physical Self-Perception*. University of South Carolina.
- Omler, C. (2008). *Assessment of EMG activity in trunk musculature during baseball batting*. Bowling Green State University.
- Hardy, A. (2007). *Prolongitudinal study of the hypothesized developmental sequences for the backward roll*. Bowling Green State University.
- Nixon, M. (2007). *Lower extremity muscle activity patterns in baseball pitching*. Bowling Green State University.
- Sonnekalb, S. (2005). *Impact of different warm-up conditions on hamstring torque and power*. Bowling Green State University.
- Frantz, H. M. (2004). *Resistant muscularity: Understanding strength training with the female athlete*. Bowling Green State University.
- Holland, C. M. (2004). *The relationship between adolescent male body image and physical maturation*. Bowling Green State University.
- Toy, J. E. (2003). *Effects of two specific softshell braces during landing and cutting maneuvers*. Bowling Green State University.

7. Undergraduate Research Supervision

International Students

- Sandra Sczygiol (Universität Münster, Germany) (2019)
- Jonathan Kuban (Universität Münster, Germany) (2017)
- Moritz Eggelbush (Universität Münster, Germany) (2016)

University of South Carolina

Fall, 2019

14 Exercise Science Undergraduate Students

Summer, 2019

Jaelen King, Yale University

Spring, 2019

Emily Herbert

Kirsten Schneider

Benjamin Kelley

Doug 'Jack' Wallace

Mikayla Vogt

Vanessa Grauds

Fall 2018

Melanie Peterson
 Vanessa Grauds
 Mikayla Vogt
 Ryan O'Connell
 Benjamin Kelley
 Doug 'Jack' Wallace
 Kirsten Schneider
 Abby Benthall

Casey Brown (2016)
 Sarah Eades (2013-2014)
 Brian Terlizzi (2013-2014)
 Hannah House (2012-2013) (Arizona State University Honors Project)

Texas Tech University

Cathey, A. (2013)
 Shaffer, K. (2013)
 Rodriques, L. (2013)

 Carrillo, E. (2012-2013)
 Kuzinski, J. (2012)
 Vaughn, N. (2012)
 Martinez, J. (2011)
 Medlin, K. (2009-2010)
 Furhop, D. (2002)

Bowling Green State University

Davis, L. (2006)
 Navarre, K., (2006)
 Stewart, J. (2005)
 Hahn, C. (2003)

 Comastro, L. (2006)

CURRICULUM & INSTRUCTIONAL DEVELOPMENT ACTIVITIES

A. Leadership Roles In Curricular Development

University of South Carolina

Collaborated with Dr. Collin Webster to re-organized Ph.D. curriculum and program in the Department of Physical Education to align with research intensive focus. Added a cognate in Motor Behavior.

Texas Tech University

Curriculum Recognition Program (CRP) for Strength & Conditioning. (2013)

Collaborated with Dr. Matt Stock to complete a strength and conditioning graduate and undergraduate curriculum emphasis officially recognized by the National Strength and Conditioning Association (NSCA). This curriculum facilitates student preparation for the NSCA Certified Strength and Conditioning Specialist exam.

Developed and established curriculum for a graduate curriculum track for Strength & Conditioning track at Texas Tech University (2009)

Bowling Green State University

Developed Undergraduate Curriculum Recognition for Strength & Conditioning (2003)

Initiated and completed a strength and conditioning undergraduate curriculum emphasis officially recognized by the National Strength and Conditioning Association (NSCA) (2005). This curriculum facilitated student preparation for the NSCA Certified Strength and Conditioning Specialist exam.

B. Courses Developed

University of South Carolina

Developed Doctoral Level Course – PEDU 832 – “Practicum in Motor Learning – Grant Writing Course”

Developed Doctoral Level Course – PEDU 870 “Promoting Integrative Youth Physical Development”

Texas Tech University

Developed a graduate course in “Program Design in Strength and Conditioning” at Texas Tech University. (2009)

Developed a graduate course in “Exercise Techniques in Strength and Conditioning” at Texas Tech University. (2012)

Integrated “Calibrated Peer Review” system in ESS 3303 laboratories (2009)

Bowling Green State University

Integrated interactive CD (Anatomical Kinesiology) in KNS 230 – Structural & Anatomical Bases of Human Movement Laboratories (2003)

C. Other

Bowling Green State University

Modifications of Exercise Specialist & Human Movement Science curriculum (2006-2007)

Revisions included reorganization of Exercise Specialist & Human Movement Science majors into Exercise Science Major

Modifications of Exercise Specialist curriculum (2003)

Revisions included adding KNS 350 (Motor Learning), KNS 340 (Motor Development), & KNS 400 (Facilitating Movement in a Tutorial Setting) to Exercise Specialist Major requirements.

PROFESSIONAL TEACHING DEVELOPMENT

A. Peer Teaching Support

1. Involvement of Dr. Stephen Langendorfer - Dr. Langendorfer was my faculty mentor for the first four years at BGSU and is the Director of BGSU General Education. I continually consulted with him to discuss my teaching, identify new instructional strategies, and find new ways to assess my teaching.
2. Participated in two HMSLS Graduate courses (Interpretation of Quantitative Research, Advanced Motor Behavior) taught by Dr. Janet Parks, Distinguished Teaching Professor and Dr. Mary Ann Robertson, Professor to learn and apply alternative methods of course content delivery (2003-2004).

B. Technology Instructional SupportTexas Tech University

1. Utilized Calibrated Peer Review system (UCLA) for Motor Learning Laboratories
2. Developed Instructional webpage for motor behavior courses at Texas Tech University

Bowling Green State University

1. Utilized technology resources at Bowling Green State University including Center for Teaching and Learning Technology and GA's to develop a webpage for instructional purposes. This webpage provided lecture notes and laboratories for four classes that I taught.

C. Instructional Resources and Symposiums:

1. Participated in Natural Science Faculty Learning Community. Bowling Green State University. The purpose of this learning community was to provide a foundation and support mechanism for faculty interested in pursuing the scholarship of teaching and learning and to incorporate innovative interactive engagement teaching and learning methods in the natural science classroom (2006-2007 & 2007-2008).
2. Attended motor learning and development symposium titled: *Practical Applications for Research in Motor Development and Learning*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Salt Lake City, UT (2006).
3. Attended motor learning instructional symposium titled: *Teaching Undergraduate Motor Learning: Sharing Our Passion and Our Strengths*. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, New Orleans, LA (2004).

ACADEMIC ADVISING

Texas Tech University (Master's Program Students)

<u>Graduate</u>	<u>Number of Students</u>
2012-2013	10 (ESS)
2011-2012	8 (ESS)
2010-2011	7 (ESS)
2009-2010	5 (ESS)
2008-2009	2 (ESS)

Bowling Green State University (Master's Program Students)

<u>Graduate</u>	<u>Number of Students</u>
2007-2008	4 (Developmental Kinesiology)
2006-2007	3 (Developmental Kinesiology)
2005-2006	4 (Developmental Kinesiology)
2004-2005	2 (Developmental Kinesiology)
2003-2004	3 (Developmental Kinesiology)

Undergraduate

<u>Year</u>	<u>Number of Students</u>
2007-2008	59 (exercise science)
2006-2007	39 (exercise specialist)
2005-2006	35 (exercise specialist)
2004-2005	35 (exercise specialist)
2003-2004	30 (exercise specialist)
2002-2003	10 (exercise specialist)

SERVICE

A. Leadership on International/National Organizations

Co-Chair, 4th International Motor Development Research Consortium, Verona, Italy

Editorial Board, Brazilian Journal of Motor Behavior (2018-Present)

Steering Committee, 50 Million Strong (SHAPE America) (2017-2018)

Research Council, Society for Health and Physical Educators (SHAPE America) (2017-present).

Steering Committee, International Motor Development Research Consortium. Served on the Advisory Board to establish the Consortium as an international organization. (2016-present).

Chair – Organizer, 2nd Assembly of the International Consortium on Motor Development Research (ICoMDR-II). University of South Carolina. (November, 2016)

Chair and principal organizer of the conference, which brought 70 leading motor development and motor competence researchers and doctoral students to USC. It was the first international motor development conference hosted in the US. The conference included over 35 international researchers from 12 countries.

Co-organizer, 1st Assembly of the International Consortium on Motor Development Research (ICoMDR). Revisioning Motor Development Research for the 21st Century. Aubouard, Ouroux-en-Morvan, France (June, 2015).

Editorial Board, Physical Education and Sport Pedagogy, (2014-present)

Review Editor, Editorial Board of Movement Science and Sport Psychology - Frontiers in Psychology. (2015-17)

Executive Council Youth Special Interest Group – National Strength and Conditioning Association. (2011-2014).

Motor Development & Learning Academy Chair & Executive Committee Member - (2008-2010).

Elected position from NASPE. Coordinated all of the activities of the Academy, reviewed and established the program for the national AAHPERD conference. Selected nominations for national awards, reviewed research proposals for funding, reviewed national policy documents for AAHPERD, and communicated with members of AAHPERD who had motor development questions.

Co-Editor, Physical Activity Today (AAHPERD) (2007-2009)

B. Department, College, University & Professional Service

University of South Carolina

1. Department

Human Performance Lab Ad hoc Committee, Chair (2015)

Pedagogy Faculty Search committee (2014-2015)

Doctoral Program Coordinator (2014-16)

Athletic Training Faculty Search committee (2013-2014)

Research Expenditures Ad hoc Committee (2013)

2. College

COE Curriculum Committee, Chair (2018-present)

COE Budget Committee (2018-2019)

COE Research Institute Leadership Committee (2018)

COE International Blueprint Development Team (2018)

Advanced Programs Executive Committee (2017-2018)

Advanced Programs Graduate Committee Chair (2017)

Tenure & Promotion Committee – Dr. Fenice Boyd Promotion

Children's Center @USC Board of Directors (2017-18)

Children's Center @USC Board of Directors, Co-Chair (2016-2017)

Advanced Programs Graduate Committee (2014-17)

Associate Dean for Research & Innovation Committee (2016-2017)

College of Education Ed.D. Online Program ad hoc Committee (2015-2016)

Strategic Planning Committee (2014-2016)

3. Univeristy

Panel Moderator, Research Consortium for Children and Families Annual Meeting (2018)

Panel Moderator, Research Consortium for Children and Families Annual Meeting (2017)

Panel Discussant, Research Consortium for Children and Families Annual Meeting (2017)

4. Community

Comprehensive Health Education Board Advisory Committee - Lexington-Richland School District 5 (2017-2019)

Biomedical Engineering Advisory Committee – Center for Advanced Technical Education. Lexington-Richland School District 5 (2018-2019)

Panelist – Center for Advanced Technical Education Biomedical Engineering Research Presentations. (2018)

Texas Tech University

1. Department

Faculty Search Committees

Strength & Conditioning (2012)

Sport Management (2011)

Physical Education Teacher Education (2010)

Open Rank Exercise Science positions (2) (2010)

Biomechanics (2009)

Executive Committee (2008-2009)

Advised to the Chair of the Department

Graduate Program Committee (2008-2010)

Addressed graduate curricular issues and approval of curricular changes

2. University

Athletics Council - Advisory Committee to the President & Athletic Director (2012-2013)

Advisory committee strategic action plan, Office of the Vice President for Research (2011-2012)

Faculty Senate (2010-2013)

Subcommittee – Academic Programs Committee

Bowling Green State University

1. Division/School

Event Promotion, School of Human Movement Sport & Leisure Studies (2005-2008)

Graduate Curriculum Committee, School of Human Movement Sport & Leisure Studies (2003-2004) (Chair, 2005-2008)

Merit Committee, School of Human Movement Sport & Leisure Studies, (2006-2008)

Physical Education General Program Advisory Committee (2003-2008)

Faculty Search Committees for Kinesiology and Sport Management, Recreation, & Tourism Divisions (4 search committees)

Initiated implementation of expanded computer lab (8 computers) in the Human Movement Laboratory (2003)

Co-investigator for interdisciplinary curriculum modifications with Allied Health Science (2002-2003)

Represented Kinesiology Division for Bowling Green State BGSU “Preview Days” (2002-2008)

2. College

Academic Appeals Committee (2004-2006)

3. University

Intercollegiate Athletics Committee (2003-2004)

Bowling Green State University Athletics (2004-2006)

Recruit academic advising for Exercise Science Major (informal service provided)

National/International Service

External Reviewer for Faculty Tenure and Promotion

Ting Liu, Ph.D. – Texas State University (2019)

Priscila Cacola, Ph.D. – UT Arlington (2017)

Leah Robinson, Ph.D. – University of Michigan (2015)

Natalie Colabianchi, Ph.D. – University of Michigan (2015)

Tim Bott, Ph.D. – The Citadel (2015)

Heidi Wegis, Ph.D. – Oregon State University (2015)

Alberto Cordova, Ph.D. – University of Texas San Antonio (2014)

Toby Brooks, Ph.D. – Texas Tech University (2013)

External Grant Review: Research Grants Office, University of Hong Kong (2018-19)

Symposium Chair, 4th Assembly of the International Motor Development Research Consortium, Verona, Italy. (2019)

Meet the Expert Session, 4th Assembly of the International Motor Development Research Consortium, Verona, Italy. (2019)

Panel Moderator: 3rd Assembly of the International Motor Development Research Consortium, Melgaco, Portugal. (2017)

Panel Moderator: International Congress on Children's Physical Activity and Sport, Leige, Belgium. (2014)

Moderator: A Missing Link? Motor Competence and Children's Health Trajectories. Annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, St. Louis, MO. (2014)

External Grant Review: University of Toledo's Interdisciplinary Research Initiation Program. (2013)

External Grant Review: Research Foundation Flanders – FWO 2011, 2013

Temporary Member - Behavioral Medicine, Interventions and Outcomes (BMIO) Study Section. CSR Scientific Review Administrator; Lee Mann. National Institutes of Health. (2010, 2013)

Ad hoc reviewer - Member Conflict SEP, Psychosocial Risk and Disease Prevention (PRDP) Study Section. CSR Scientific Review Administrator; Lee Mann. National Institutes of Health. (2011)

NASPE Sport Steering Committee – (2010)

National Physical Activity Plan, Education Sector Committee (2010-2012)

Provided academic support for establishing guidelines for National Physical Activity Plan for Early Childhood (ages 0-5)

Moderator, Symposium - *The relationship between motor skill and physical activity, obesity, & fitness: The path may not be straight.* Annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Tucson, AZ (2010)

Moderator, 27th Annual American Sports Medicine Conference, Houston, TX (2009)

Reviewer, RWO Flanders Foundation – Eva D'hondt post-graduate fellowship

Reviewer, Research Consortium, AAHPERD National Convention, (2004, 2007, 2008)

Reviewer, National Association for Sport and Physical Education, AAHPERD/SHAPE National Convention (2007, 2009, 2017)

Journal Reviewer: 32 Journals

Advances in Preventative Medicine

Plus One

Quest

BMC Public Health

Journal of Strength and Conditioning Research

Sports Medicine

Frontiers in Psychology

Pediatrics

Physical Education & Sport Pedagogy

British Journal of Sports Medicine

Journal of Physical Activity & Health

Experimental Brain Research

Medicine & Science in Sports & Exercise

International Journal of Pediatric Obesity

Obesity

Infant and Child Development

Journal of Sports Science & Health

Journal of Paediatrics & Child Health

International Journal of Sports Physiology and Performance

Women in Sport and Physical Activity Journal

Journal of Applied Biomechanics

Journal of Sport Sciences

Adapted Physical Activity Quarterly

Scandinavian Journal of Medicine and Science in Sports

Journal of Motor Learning & Development

Journal of Biomechanics

Journal of Science & Medicine in Sport

Research Quarterly for Exercise and Sport

Journal of Teaching in Physical Education

Motor Control

Sports Biomechanics

Child: Care, Health & Development

Other Reviews:

Book Review: *Motor Learning and Control: Concepts and Applications, 7th edition.* Magill, R.A. (2004)

Book Review: *Motor Behavior,* Ives, J. (2011)

PUBLIC SCHOOL-UNIVERSITY COLLABORATION

University of South Carolina

Richland I School District

Co-implemented Corridor to Possibilities Community Outreach Initiative (Eau Claire & Lower Richland High Schools.

Lexington Richland V School District

Assisted physical education teacher with FitnessGram and motor skill testing for elementary students. Provided physical education equipment to the school.

Whitmire School District

Assisted physical education teacher with FitnessGram and motor skill testing for elementary students. Provided physical education equipment to the school.

Greenwood School District

Assisted physical education teacher with FitnessGram and motor skill testing for elementary students. Provided physical education equipment to the school.

Texas Tech University

Cooper West Elementary, Cooper ISD (2009-2013)

Assisted physical education teacher with FitnessGram and motor skill testing for elementary students. Also provided FitnessGram software and training to elementary physical education teachers.

Cooper North Elementary, Cooper ISD (2010-2012).

Conducted FitnessGram and motor skill testing for elementary students. Provided interactive videogame hardware (Wi & DDR) and software for interactive movement classroom.

Cooper Central Elementary, Cooper ISD (2012-2016)

Co-Developed "Brain Gym" interactive videogame classroom. Provided Hardware (12 TVs, 12 Wii & 12 Xbox consoles), software (interactive games) as well as training for promoting physical fitness and physical activity. Conducted FitnessGram and motor skill testing for elementary students. Provided FitnessGram testing equipment and physical education equipment. Conducted FitnessGram and motor skill testing for elementary students.

Cooper South Elementary, Cooper ISD (2012-2016)

Conducted FitnessGram and motor skill testing for elementary students. Provided FitnessGram testing equipment and physical education equipment. Also provided FitnessGram software to elementary physical education teachers.

Tahoka Elementary, Tahoka ISD (2008-2013)

Provided Hardware (12 TVs, 12 Wii & 12 Xbox consoles) and software (interactive games). Conducted FitnessGram and motor skill testing for elementary students. Provided FitnessGram testing equipment and physical education equipment. Also provided FitnessGram software and training to elementary physical education teachers.

Bowling Green State University**Springfield Elementary and Middle School, Springfield, OH (2005-2008).**

Conducted FitnessGram and motor skill testing for elementary and middle school students. Provided individual FitnessGram testing outcomes and motor skill videos to students. Also provided FitnessGram software and training to all elementary and middle school physical education teachers.

RESEARCH OR PROFESSIONAL CONSULTANT

University of South Carolina Football Team – Consultant (2019)

Michael Johnson Performance – Sport Performance Consultant (2016)

University of South Carolina Baseball Team – Functional movement assessment testing (2015)

Stodden Physical Therapy – Pitching Biomechanics consultant (2008-2015)

Cleveland Indians Baseball organization – Pitching biomechanics consultant (2003-2006)

Bowling Green State University Baseball Team – Pitching biomechanics consultant (2005-2006)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

International Motor Development Research Consortium (IMDRC)

North American Society for the Psychology of Sport and Physical Activity (NASPSPA)

Society of Health and Physical Educators (SHAPE America)

National Strength and Conditioning Association (NSCA)

(Certified Strength and Conditioning Specialist (1998-present))