

**CURRICULUM VITAE**  
**DINESH JOHN, Ph.D.**

**OFFICE ADDRESS**

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**EDUCATION**

- 1995                    **Bachelor of Arts (Economics and Politics)**  
S.I.E.S. College of Arts, Science, and Commerce, Bombay, India
- 2006                    **Master of Science (Exercise Science)**  
Ithaca College, Ithaca, NY
- 2009                    **Doctor of Philosophy (Exercise Science)**  
University of Tennessee, Knoxville, TN.

**EMPLOYMENT HISTORY**

- Sept. 2012-            **Associate Professor**, Department of Health Sciences  
Northeastern University, Boston, MA.
- 2009 - 2012           **Post-Doctoral Research Associate**, Department of Kinesiology  
University of Massachusetts, Amherst, MA.
- 2007 - 2009           **Graduate Research Assistant**  
University of Tennessee, Knoxville, TN.

**SCHOLARSHIP / RESEARCH**

**Publications** (\* = mentored student paper)

*Peer-reviewed articles*

- 1) \*Arguello D., Thorndike A., Cloutier G., Morton A., Castaneda-Sceppa C., **John D.** Effects of an “active workstation” cluster RCT on daily waking physical behaviors. *Medicine and science in sports and exercise*. 2021; doi: 10.1249/MSS.0000000000002594.
- 2) Ponnada A, Cooper S, Tang Q, Thapa-Chhetry B, Miller J, **John D**, Intille S. Signaligner Pro: A Tool to Explore and Annotate Multi-day Raw Accelerometer Data. In *2021 IEEE International Conference on Pervasive Computing and Communications Workshops (PerCom Workshops)*. IEEE (To appear).
- 3) Tang Q., **John D.**, Thapa-Chhetry B., Arguello D.J., Intille S. Posture and physical activity detection: Impact of number of sensors and feature type. *Medicine and Science in Sports and Exercise*. 2020;52(8):1834-1845
- 4) Ponnada A., Cooper S., Thapa-Chhetry B., Miller J.A., **John D.**, Intille S. Designing videogames to crowdsource accelerometer data annotation for activity recognition research. *Proceedings of the Annual Symposium on Computer-Human Interaction in Play*. 2019, 135-147.
- 5) **John D.**, Tang Q., Albinali F., Intille S. An open-source monitor-independent movement summary for accelerometer data processing. *Journal for the Measurement of Physical Behavior*. 2019, 2(4), 268-281.
- 6) Bassett D.R., Freedson, P.S., **John D.** Wearable activity trackers in clinical research and practice. *Kinesiology Review*. 2019; 8(1), 11-15

- 7) Pindus D.M., Drollette E.S., Raine, L.B., Kao S., Khan N., Westfall D.R., Hamill M., Shorin R., Calobrisi E., **John D.**, Kramer A., Hillman C. Moving fast, thinking fast: The relations of physical activity levels and bouts to neuroelectric indices of inhibitory control in preadolescents. *Journal of sport and health science*. 2019, 8(4), 301-314.
- 8) **John D.**, \* Morton A., \* Arguello D., Lyden K., Bassett D. "What is a Step?" Variability in Step-Detection Criteria Among Three Motion Sensors Used in Physical Activity Research. *Sensors*. 2018; 18(4), 1206, doi: 10.3390/s18041206.
- 9) \* Arguello D., \* Anderson K., \* Morton A., Freedson P., Intille S., **John D.** Validity of proximity sensor-based wear-time detection using the ActiGraph GT9X. *Journal of Sports Sciences*. 2017; Nov 3, 1-6.
- 10) \* Sasaki J., **John D.**, Hickey A., Lyden K., Hagobian T., Freedson P. Feasibility of using a continuous direct observation technique for assessment of free-living physical activity in young adults. *Arquivos de Ciências do Esporte*. 201; 4(1), 2-6.
- 11) Sasaki J., Howe C., **John D.**, Hickey A., Steeves J., Lyden K., Kozey-Keadle S., Burkhart S., Alhassan S., Bassett D., Freedson P. Energy expenditure for 70 activities in children and adolescents. *Journal of Physical Activity and Health*. 2016; 13(6), S24-S28.
- 12) Sasaki J., Hickey A., Staudenmayer J., **John D.**, Kent J., Freedson P. Performance of activity classification algorithms in free-living older adults. *Medicine & Science in Sports & Exercise*. 2016; 48(5), 941-950, 2016.
- 13) Lyden K., **John D.**, Dall P., Granat M. Detecting lying time from a single thigh-worn acceleration sensor. *Medicine & Science in Sports & Exercise*. 2016; 48(4), 742-747.
- 14) Libertine A., **John D.**, Sasaki J., Mavilia M., Freedson P. Validity of activity monitor step detection is related to movement patterns. *Journal of Physical Activity and Health*. 2016; 13(2), 145-153.
- 15) **John D.**, Lyden K., Bassett D. Treadmill and sit-to-stand workstations: A physiological perspective. *Ergonomics in Design*. 2015; 23(3), 14-19.
- 16) Bassett D., **John D.**, Fitzhugh E., Coe D. Trends in physical activity and sedentary behaviors of US youth. *Journal of Physical Activity and Health*. 2015; 12(8), 1102-1111.
- 17) Sasaki J., Hickey A., Mavilia M., **John D.**, Keadle S., Freedson P. Validation of the FitBit wireless activity tracker® for prediction of energy expenditure. *Journal of Physical Activity and Health*. 2015; 12(2), 149-154.
- 18) Welch W., Bassett D., Freedson P., **John D.**, Steeves A., Conger S., Ceaser T., Howe C., Sasaki J. Cross-validation of waist-worn Genea accelerometer cut-points. *Medicine & Science in Sports & Exercise*. 2014; 46(9), 1825-1830.
- 19) Bassett D., **John D.**, Conger S., Rider B., Passmore R., Clark J. Detection of lying down, sitting, standing, and ambulating using two ActiGraph monitors. *Medicine & Science in Sports & Exercise*. 2014; 46(10), 2025-2029.
- 20) **John D.**, Sasaki J., Hickey A., Mavilia M., Freedson, P. Actigraph™ activity monitors: "The firmware effect". *Medicine & Science in Sports & Exercise*. 2014; 46(4), 834-839.
- 21) **John D.**, Sasaki, J., Staudenmayer J., Mavillia M., Freedson P. Comparison of raw acceleration from the Genea and ActiGraph™ GT3X+ activity monitors. *Sensors*. 2013; 13(11), 14754-14763.
- 22) Freedson P., **John D.** Comment on "Estimating activity and sedentary behavior from an accelerometer on the hip and wrist." *Medicine & Science in Sports & Exercise*. 2013; 5(45), 962-963.
- 23) Welch W., Bassett D., Thompson D., Freedson P., Staudenmayer J., **John D.**, Steeves J.,

- Conger S., Ceaser T., Sasaki J., Fitzhugh E. Classification accuracy of the wrist-worn Genea accelerometer. *Medicine & Science in Sports & Exercise*. 2013; 45(10), 2012-2019.
- 24) **John D.**, Staudenmayer J., Freedson P. Simple to complex modeling of ActiGraph activity counts to estimate ventilation. *Science of the Total Environment*. 2013; 454-455C, 184-188.
  - 25) Liu S., Gao R., **John D.**, Staudenmayer J., Freedson P. Tissue artifact removal from respiratory signals based on empirical mode decomposition. *Annals of Biomedical Engineering*. 2013; 41(5), 1003-1015.
  - 26) Dudley P., Bassett D., **John D.**, Crouter S. Validity of a multi-sensor armband for estimating energy expenditure during eighteen different activities. *Journal of Obesity and Weight Loss Therapy*. 2013; 2(7), 2-7.
  - 27) **John D.**, Kozey S., Miller R., Caldwell G., Freedson P. Biomechanical examination of the 'plateau phenomenon' in ActiGraph vertical activity counts. *Physiological Measurement*. 2012; 33(2), 219-230.
  - 28) **John D.**, Bassett D., Thompson D., Bielak K., Raynor H. Treadmill workstations: A worksite physical activity intervention in overweight and obese office workers. *Journal of Physical Activity and Health*. 2011; 8(8),1034-1043.
  - 29) **John D.**, Liu S., Sasaki J., Howe C., Gao R., Staudenmayer J., Freedson P. Calibrating a novel multi-sensor physical activity measurement system. *Physiological Measurement*. 2011; 32(9), 1473-1489.
  - 30) Liu S., Gao R., **John D.**, Staudenmayer J., Freedson P. Multi-sensor data fusion for physical activity assessment under free-living conditions. *IEEE Transactions on Biomedical Engineering*. 2011; 59(3), 687-696.
  - 31) Tyo B., Fitzhugh E., Bassett D., **John D.**, Feito Y., Thompson, D. Effects of BMI and step rate on pedometer error in the free-living environment. *Medicine & Science in Sports & Exercise*. 2011; 43(2), 350-356.
  - 32) Sasaki J., **John D.**, Freedson P. Validation and comparison of ActiGraph activity monitors. *Journal of Science and Medicine in Sport*. 2011; 14(5), 411-416.
  - 33) Liu S., Gao R., **John D.**, Staudenmayer J., Freedson P. SVM-based multi-sensor fusion for free-living physical activity assessment. *Proceedings of the 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. 2011; 3188-3191.
  - 34) Mo L., Liu S., Gao R., **John D.**, Staudenmayer J., Freedson P., Zigbee-based wireless multi-sensor system for physical activity assessment. *Proceedings of the 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. 2011; 846-849.
  - 35) **John D.**, Bassett D., Tyo B. Comparison of output from four ActiGraph accelerometers during walking and running. *Medicine & Science in Sports & Exercise*. 2010; 42(2), 368-374.
  - 36) Kane N., Simmons M., **John D.**, Thompson D., Bassett D. Accuracy of an in-shoe device for assessing speed, distance, and energy expenditure. *International Journal of Sports Medicine*. 2009; 31(2), 101-105.
  - 37) **John D.**, Bassett D., Thompson D., Fairbrother J., Baldwin D. Effect of using a treadmill workstation on the performance of simulated office work tasks. *Journal of Physical Activity and Health*. 2009; 6(5), 617-624.
  - 38) **John D.**, Sforzo G., Swensen T. Monitoring exercise heart rate using manual palpation. *ACSM's Health and Fitness Journal*. 2007; 11(6), 14-18.

### ***Non-refereed invited articles***

- 1) **John D.** The active desk. Fitting in fitness, *ACSM - Fit Society Page*. 2015; 1(15), 4-5.
- 2) **John D.**, Freedson P. Actigraph and Actical: A peek under the hood. *Medicine & Science in Sports & Exercise*. 2012; 44(Suppl. 1), S86-S89.
- 3) **John D.** Walking at the desk - Workplace innovation fosters better health. *ACSM Sports Medicine Bulletin*, 2010; Aug 3.
- 4) Bassett D., **John D.** Use of pedometer and accelerometers in clinical populations. *Physical Therapy Reviews*. 2010; 15(3), 135-142.

### ***Book chapters***

- 1) **John D.**, Intille S. Assessing sedentary behavior using new technology. In: Zhu W., Owen N., editors, *Sedentary Behavior and Health: Concepts, Assessment and Intervention*. Human Kinetics: Champaign, IL. 2017; 197-208.
- 2) Bassett D., **John D.** Assessing sedentary behavior using physiological sensors. In: Zhu W., Owen N., editors, *Sedentary Behavior and Health: Concepts, Assessment and Intervention*. Human Kinetics: Champaign, IL. 2017; 189-196.
- 3) Sasaki J., DaSilva K., Costa B., and **John D.** Measurement of physical activity using accelerometers. In: Luiselli J., Fischer A., editors, *Computer-Assisted and Web-Based Innovations in Psychology, Special Education, and Health*. Elsevier: Atlanta, GA. 2016; 33-56.

### **Presentations** (\* = student presenter; invited presentations indicated as such)

#### ***International***

- 1) \* Arguello D., \* Rosenberg S., **John D.** Accuracy of first-person point-of-view video from a body-worn camera as a criterion for free-living human physical behavior activity type and context labeling. *6th International Conference on Ambulatory Monitoring of Physical Activity and Movement*, Maastricht, Netherlands. June 26-28, 2019.
- 2) Troiano R. Intille S., **John D.**, Thapa-Chhetry B., Tang Q. Preparation and release of NHANES and NNYFS wrist accelerometer data. *6th International Conference on Ambulatory Monitoring of Physical Activity and Movement*, Maastricht, Netherlands. June 26-28, 2019.
- 3) Troiano R., Intille S., **John D.**, Thapa-Chhetri B., Tang Q. NHANES and NNYFS wrist accelerometer data: Processing 7TB of data for public access. *7th International Society for Physical Activity and Health Congress*, London, 2018,
- 4) Bassett D., Crouter S., **John D.** Step/min Cut-points based on walking do not predict intensity of non-walking activities, *International Conference on Ambulatory Monitoring of Physical Activity and Movement*, International Society for the Measurement of Physical Behavior, Limerick, Ireland. June 10-12, 2015.
- 5) Lyden K., **John D.**, Dall P., Granat M. Wouldn't it be cool if we could distinguish sitting from lying and sleep? *Loch Lomond Lecture*, Ross Priory, Scotland. June 7-8, 2015 (*Invited*).
- 6) **John D.**, Staudenmayer J., Freedson P. Simple to complex modeling of ActiGraph activity counts to estimate ventilation. *International Conference on Diet and Activity Methods*. Rome, Italy. May 14-17, 2012.
- 7) **John D.**, Liu S., Sasaki J., Gao R., Staudenmayer J., Freedson P. Ventilation estimates using a single piezoelectric respiration sensor of the indigenous multi-sensor integrated measurement system. *International Conference on Ambulatory Monitoring of Physical*

*Activity and Movement*. Glasgow, Scotland. May 24-27, 2011.

- 8) **John D.**, Sasaki J., Freedson P. Comparison of activity counts from the ActiGraph GT3X and GT1M. 3<sup>rd</sup> *International Congress on Physical Activity and Public Health*, Toronto, Canada. May 6, 2010.

### **National**

- 1) \* Arguello D. \*Cloutier G., \* Morton A., **John D.** (2019). Effects of sit-to-stand desk and treadmill workstations on sedentary behavior and physical activity. *Annual Meeting of the American College of Sports Medicine*, Orlando FL, May 28-31, 2019.
- 2) \* Cloutier, G., \* Arguello, D., \*Morton, A., **John, D.** (2019). Impact Of sit-to-stand and treadmill workstation use on self-reported musculoskeletal pain. *Annual Meeting of the American College of Sports Medicine*, Orlando FL, May 28-31, 2019.
- 3) **John D.**, Bassett D., Kozey-Keadle S. The future of physical activity monitoring: Debate over research vs. consumer devices. Colloquium. *Annual Meeting of the American College of Sports Medicine*, Orlando FL, May 28-31, 2019.
- 4) \* Arguello D., \* Morton A., Cloutier G., **John D.** Chronic effects of replacing workplace sitting with upright activities on human popliteal artery shear rate. *Annual Meeting of the American college of Sports Medicine*. Minneapolis, May 26-30, 2018.
- 5) \* Arguello D., \* Anderson K., **John D.** Effect of three methods of Actigraph wear/non-wear time determination on waking day free-living estimates of physical activity and sedentary behavior. *International Conference on Ambulatory Monitoring of Physical Activity and Movement*. Bethesda, MD. June 21-23, 2017.
- 6) \* Cloutier G., \* Lee B., **John D.** Does it matter which wrist you wear your FitBit® to count steps? *International Conference on Ambulatory Monitoring of Physical Activity and Movement*. Bethesda, MD. June 21-23, 2017.
- 7) \* Lee B., **John D.** “How ‘bout them Apples?” Validating step counts from the Apple Watch. *Annual Meeting of the American College of Sports Medicine*, Denver, CO. May 30-June 3, 2017.
- 8) \* Arguello D., \* Anderson K., **John D.** Performance of ActiGraph’s wear-time sensor in classifying wear and non-wear time. *Annual Meeting of the American College of Sports Medicine*, Denver, CO. May 30-June 3, 2017.
- 9) \* Morton A., \* Arguello D., **John D.** Relationship between Walking Speed and Step Detection Accuracy Using Wrist and Hip-Worn ActiGraph GT3X+ monitors. *Annual Meeting of the American College of Sports Medicine*, Boston, MA. May 31-June 4, 2016.
- 10) \* Arguello D., \* Morton A., Cloutier G., **John D.** Associations between Incidental Physical Activity and Cardiometabolic Health in Sedentary Overweight and Obese Adults. *Annual Meeting of the American College of Sports Medicine*, Boston, MA. May 31-June 4, 2016.
- 11) **John D.** Physiology of sitting, standing, and walking - Integration of treadmills to improve workstations, *Ergonomics and Human Factors: Strategic Solutions for Workplace Safety and Health*, Harvard School of Public Health, Boston, MA. October 5-9, 2015 (Invited).
- 12) **John D.** Chronic Health Conditions and Sedentary Work. *NIOSH Total Worker Health Webinar Series- Sedentary Work: Implications and Interventions for Worker Safety and Health*, <https://www.cdc.gov/niosh/twh/webinar.html>. July 23, 2015 (Invited).
- 13) **John D.** Technologies to measure activity behavior. *Annual Meeting of the American College of Sports Medicine*, San Diego, CA. May 26-30, 2015.
- 14) **John D.** Changing the way we work: Workstation alternatives to seated desks. *Annual Meeting of the American College of Sports Medicine*, San Diego, CA. May 26-30, 2015.

- 15) **John D.** Standing up against sedentary behavior. *Harvard School of Public Health, Center for Work, Health and Wellbeing*. Boston, MA. May 5, 2014 (*Invited*).
- 16) **John D.** Physical activity, sedentary behavior and the workplace, *Advancing Wellness Seminar Series*, Massachusetts Institute of Technology, Boston, MA. November 19, 2014 (*Invited*).
- 17) **John D.** Reduction in BMI using treadmill workstations. *Office Ergonomics Research Committee Conference*. Austin, TX. Jan 24-26, 2014 (*Invited*).
- 18) **John D.**, Bassett D., Conger S., Rider B., Passmore R., Clark J. Discriminating between lying down, sitting, standing, and ambulating using two accelerometers. *International Conference on Ambulatory Monitoring of Physical Activity and Movement*. Amherst, MA. June 17-19, 2013.
- 19) **John D.**, Sasaki J., Staudenmayer J., Freedson P. Comparison of raw acceleration from two commercially available accelerometers. *Annual Meeting of the American College of Sports Medicine*. Indianapolis, IN. May 28-June 1, 2013.
- 20) Loria K., Sun M., Intille S., Kerr J., Freedson P., **John D.** New technology to assess physical activity. *International Society for Behavioral Nutrition and Physical Activity*. Austin, TX, May 23. 2012 (*Invited*).
- 21) **John D.**, Liu S., Sasaki J., Gao R., Staudenmayer J., Freedson P. Breathing frequency and volume estimations using a multi-sensor integrated measurement system. *Annual Meeting of the American College of Sports Medicine*. Denver, CO. May 31-June 4, 2011.
- 22) **John D.**, Freedson P., Kozey S., Stevens B., Lyden K. Sedentary behavior 101: How to measure it, reduce it, and its impact on health. *Annual New England American College of Sports Medicine Conference*, Providence, RI. November 11, 2010.
- 23) **John D.** Treadmill workstations: A worksite obesity intervention. *Annual Meeting of the American College of Sports Medicine*. Baltimore, MD. June 1-5, 2010.
- 24) **John D.**, Tyo B., Bassett D. Comparison of output from four ActiGraph accelerometers during walking and running. *Annual Meeting of the American College of Sports Medicine*. Seattle, WA. May 27-30, 2009.
- 25) **John D.**, Bassett D., Thompson D., Fairbrother J., Baldwin D. Effect of using a treadmill workstation on performance of simulated office work tasks. *Annual Meeting of the American College of Sports Medicine*. Indianapolis, IN. May 28-31, 2008.

## GRANTS

### External Grants

#### *Funded*

- 1) Accelerating the development of novel methods to measure 24-Hr physical behavior (1 R01 CA252966-01). Sponsored by the National Cancer Institute. **MPI: Intille/John**, Direct costs: \$1,689,450, Project period: 7/2/2020- 6/31/2024, %Effort: 50% Summer.
- 2) An Integrated Two-Way Communication and Near-Real-Time Sensing System to Detect and Modify Daily Inactivity among Adults > 60 y. 5P30AG048785-07. Sponsored by the National Institute on Aging. John Pilot study. PI, Direct costs: 75,000, Project period: 5/1/2020- 5/31/2022, %Effort: 1% Summer.
- 3) Physical Frailty Complicated with Cognitive Impairment in Liver Transplant Recipients. Sponsored by Northeastern University, Tier 1 mechanism. **Co-PI: John**, Direct costs: 50,000, Project period: 7/1/2020- 9/1/2021, %Effort: 5% Academic year.
- 4) Physical activity estimates in the US population: Analyses of accelerometer data from the

- NHANES 2011-14 (research contract). Sponsors: Office of Behavior and Social Sciences Research and the National Cancer Institute. **John Co-I** (PI: Intille S.), Direct costs: \$97,000, Project period: 8/1/17 to 7/31/18, %Effort: 13% Summer.
- 5) Crowd-sourced annotation of longitudinal sensor data to enhance data-driven precision medicine for behavioral health (UH2EB024407). Sponsored by the National Institute of Biomedical Imaging and Bioengineering. **John Co-I** (PI: Intille S.), Direct costs: \$295,155, Project period: 9/1/2016 to 4/31/2019, %Effort: 21% Summer.
  - 6) Modifying the workplace to decrease sedentary behavior and improve health (1R21OH010564-01). Sponsored by the National Institute for Occupational Safety and Health. **John PI**, Direct Costs: \$274,249, Project period: 5/1/2014 to 4/31/2018, %Effort: 17% Academic year.
  - 7) SPADES: A system for encouraging adoption of new methods for activity monitoring (261201300082C-2-0-1). Sponsored by the National Cancer Institute. **John Co-I** (PI- Albinali F.) Direct costs: \$145,912, Project period: 6/1/14 to 3/31/16, %Effort: 19% Summer.
  - 8) Boston Roybal Center Pilot Project: Do exercise-induced improvements in emotion regulation enhance daily physical activity and well-being in frail sedentary older adults? (P30AG048785) Sponsored by the National Institute on Aging, Roybal Centers for Translational Research on Aging. **John Co-I** (PI: Lachman M.), Pilot project direct costs: \$25,000, Project period: 10/1/14 to 9/30/16, %Effort: 5% Academic year.
  - 9) Standing up against sedentary behavior: A pilot study in office workers (U19OH008861). Sponsored by the Harvard School of Public Health, NIOSH Center for Health, Well-being and Wellness. **John PI**, Direct costs: \$17,149, Project period: 1/1/2013 to 8/1/2014, %Effort: 10% Academic year.

**TEACHING AND ADVISING** (\* indicates designed and developed curriculum).

<b>Course number and title</b>	<b>Term</b>
EXSC-1120 Introduction to Exercise Fitness and Health (Undergraduate)	SP13- SP21
EXSC-5210 Physical Activity and Exercise: Prescription, Measurement and Testing (Graduate)	SP13- FA20
EXSC-6300 Internship in Exercise Science (Graduate)	SP15- SP21
PHTH-7976 Directed Study: 1-on-1 instruction (Graduate)	FA15

**Supervision/Mentoring of Graduate Students**

*Doctoral program in Population Health; Doctoral program in Health Informatics; Doctoral practicum in Exercise Science; Research Practicum.; M.S. thesis in Exercise Science; M.S. directed study in Exercise Science.*

**Supervision of Undergraduate Students**

*B.S. capstone in Health Sciences*

**Other Advising/Mentoring Activities**

*M.S. Program in Exercise Science*

## **SERVICE AND PROFESSIONAL DEVELOPMENT**

### **Service to the Discipline/Profession**

#### ***Conference co-organizer/committee***

International Conference on Ambulatory Monitoring of Physical Activity and Movement (ICAMPAM), Amherst, June 17-19, 2013.

BODYNETS 2018: 13<sup>th</sup> EAI International Conference on Body Area Networks, Technical Program Committee Member, Oulu, Finland, Oct 2-3, 2018.

#### ***Editorial board***

- 1) Associate Editor for the *Journal for the Measurement of Physical Behavior*.
- 2) Guest editor for Proceedings of the International Conference on Ambulatory Monitoring of Physical Activity and Movement (2013; 2015), published as a focus issue of the journal *Physiological Measurement*.

#### ***Grant review***

- 1) Healthcare Delivery and Methodologies Integrated Review Group: Clinical Informatics and Digital Health (CIDH) study section (NIH): Ad-Hoc Member.
- 2) Population Sciences and Epidemiology Integrated Review Group: Kidney, Nutrition, Obesity, and Diabetes (KNOD) study section (NIH): Ad-Hoc Member.
- 3) NY/NJ Education and Research Center Pilot Project Program.

#### ***Journal reviewer*** (\* indicates reviews for fields outside Exercise Science)

Medicine and Science in Sports and Exercise, Journal of Physical Activity and Health, American Journal of Preventive Medicine\*, Physiological Measurement, Journal of Science and Medicine in Sport, Mechatronics\*, PLOS ONE, Biomed Central Research Notes, American Journal of Medicine, Journal of Applied Biomechanics\*, Sensors\*, International Journal of Sports Medicine, Journal for the Measurement of Physical Behavior, Journal of Sports Sciences, International Journal of Environmental Research and Public Health\*.

#### ***Professional memberships***

- 1) American College of Sports Medicine (ACSM), Member.
- 2) International Society for the Measurement of Physical Behavior (ISMPB), Member.

### **Selected University Service**

- 1) Tenure and Promotion Committee (Dept. of Health Sciences; Roles: Committee member).
- 2) Population Health Doctoral Curriculum Committee (Department of Health Sciences; Roles: Committee member).
- 3) Personal Health Informatics Doctoral Program Admissions Committee (Dept. of Health Sciences and Khoury College of Computer Science; Roles: Committee member).
- 4) MS program in Exercise Science; (Dept. of Health Sciences; Roles: Program Director; Chair; Committee member).
- 5) Various Faculty Search Committees (Dept. of Health Sciences; Roles: Chair, Committee member).
- 6) Merit review Committee (Dept. of Health Sciences; Role: Chair, Committee member).