

## Jon-Philippe K. Hyatt

Arizona State University  
411 N. Central Ave. #329  
Phoenix, AZ 85004

602.496.0752 (w)  
818.625.9606 (c)  
[jphyatt@asu.edu](mailto:jphyatt@asu.edu)

---

### **Professional experience**

- 2016-pres Associate Professor  
College of Integrative Sciences and Arts  
Honors Faculty, Barrett, The Honors College  
Arizona State University  
ASU Profile: <https://iresearch.asu.edu/profile/3008807>  
Lab website: <https://jphyatt.lab.asu.edu/>
- 2010-2016 Associate Professor  
Department of Human Science  
Georgetown University  
Interim Department Chair (07/2010 – 12/2011)
- 2004-2010 Assistant Professor  
Department of Human Science  
Georgetown University
- 2003-2004 Postdoctoral Fellow, National Institutes of Health  
National Institute of Arthritis and Musculoskeletal Diseases (NIAMS)
- 2002-2003 Post doctorate, University of California, Los Angeles  
Neuromuscular Physiology

### **Education**

- 1997-2002 Ph.D. **University of California, Los Angeles**  
Molecular, Cellular, and Integrative Physiology  
Advisor: V. Reggie Edgerton  
*Thesis:* The neural modulation of MyoD, Myogenin, and the satellite cell in adult skeletal muscle.
- 1994-1997 M.S. **University of Massachusetts, Amherst**  
Exercise Science (emphasis: biochemistry)  
Advisor: Priscilla M. Clarkson (*deceased*)  
*Thesis:* Release and clearance of creatine kinase-MM isoforms following repeated bouts of soreness-inducing exercise.
- 1989-1993 A.B. **Occidental College, Los Angeles, CA**  
Exercise Science (emphasis: biomechanics)  
Advisor: Stuart G. Rugg  
Minor: History (emphasis: science and medical history)

## Grants

### Completed

ISSR Arizona State University Leveraging collaborative in-class learning exercises (CICLES) to promote a deeper understanding of anatomy and physiology. Role: Co-PI	(Firetto, ASU)	06/2020-06/2021 \$8,000
VJ95022 Arizona State University Supporting undergraduate students' construction of an integrated understanding of anatomy and physiology. Role: Co-PI (15%)	(Firetto, ASU)	05/2018-08/2018 \$13,525
No award number Georgetown University Tablet-based "Chalk Talks" to facilitate a capstone experience in the biological sciences Role: Co-PI (no % specified)	(Tilan, Georgetown)	01/2015-06/2017 \$15,000
1 D18HP13620 Health Resources and Services Administration (HRSA) Pathways to Success Role: PI (40%)	(Hyatt)	09/01/2009 – 08/31/2013 \$1,147,024
1 R15AR060469-01A1 NIH/NIAMS (subcontract) VEGF and Skeletal Muscle Adaptation during Chronic Overload Role: Co-I (5%)	(Huey, Drake University)	09/2011-08/2013 \$19,423
No award number Goldman Sachs Foundation Pathways to Success Program Role: Co-PI (15%)	(Evans, Georgetown)	10/01/2005 – 09/30/2009 \$510,000
1R25RR17429 NIH / NCRR Community Building to Promote Biomedical Health Careers Role: Co-I (10%)	(Evans, Georgetown)	09/30/2002 – 08/31/2005 \$322,732

### Awards

2023-24	<u>Faculty Impact Award</u> (informal, student nominated) Edson College of Nursing and Health Innovation; University College, Arizona State University
2009	<u>Faculty Excellence Award</u> Department of Human Science, Georgetown University
2003-4	<u>NIH Intramural Research Training Award (IRTA)</u> National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

- 2002 Environmental and Exercise Physiology Steering Committee Gatorade Young Investigator Award  
American Physiological Society
- 2001 UCLA Faculty Research Grant - \$2,500 (co-author V. Reggie Edgerton, faculty advisor)  
Electrical activity-independent regulation of MyoD, Myogenin, and satellite cells in adult skeletal muscle
- 2001 Sigma Xi Society Student Grant - \$350  
Neural influence on MyoD and Myogenin mRNA and protein expression in skeletal muscle
- 2001 Graduate Division Travel Grant, UCLA - \$600
- 2000 UCLA Faculty Research Grant - \$1,500 (co-author V. Reggie Edgerton, faculty advisor)  
Dystrophin restoration using pluripotent adult skeletal muscle stem cells
- 2000 American College of Sports Medicine Pre-Doctoral Foundation Grant - \$5,219  
The role of muscle stem cells following skeletal muscle damage
- 1999 Sigma Xi Society Student Grant - \$862  
Do intramuscular-derived mitogens commit muscle stem cells to a myogenic lineage?
- 1997-8 Doctoral Student Fellowship, Dept. of Physiological Science, UCLA
- 1997 Graduate Division Travel Grant, Univ. Massachusetts, Amherst - \$150
- 1996 Graduate Division Travel Grant, Univ. Massachusetts, Amherst - \$100
- 1993 Distinction: qualifying exams, Dept. of Exercise Science, Occidental College

### **Peer-reviewed Journal Publications**

#### **IF: Impact Factor; Journal Ranking (Discipline)**

*Italicized: pending / forthcoming*

\*undergraduate student co-authors

†contributed equally to the work

**Hyatt JPK**, Lu EJ\*, McCall GE. Temporal expression of mitochondrial life cycle markers during acute and chronic overload of rat plantaris muscles. *Frontiers in Physiology: Exercise Physiology*, in press, 2024. **IF: 3.2**

Serrano N, **Hyatt JPK**, Houmard JA, Murgia M, Katsanos CS. Muscle Fiber Phenotype: A Culprit of Abnormal Metabolism and Function in Skeletal Muscle of Humans with Obesity. *American Journal of Physiology-Endocrinology and Metabolism* 325(6): E723-E733, 2023. doi: 10.1152/ajpendo.00190.2023. **IF: 5.1**

- **Designated as “Top Article” by American Physiological Society, Feb. 2024**

**Hyatt JPK**, Mattison JA, de Cabo R. Resveratrol Blunts Mitochondrial Loss in Slow and Mixed Skeletal Muscle Phenotypes of Non-Human Primates following a Long-Term High Fat/Sugar Diet. *Journal of Dietary Supplements* 20(4): 563-581, 2023. doi: 10.1080/19390211.2022.2039340. **IF: 2.27**

- Firetto CM, Starrett E, Montalbano AC, Yan Y, Penkrot TA, Kingsbury JS, **Hyatt JPK**. The Impact of Effective Study Strategy Use in an Introductory Anatomy and Physiology Class. *Frontiers in Education: STEM Education* 8: 1161772, 2023. **IF: 2.32**
- Yan L, Firetto CM Starrett E, Kingsbury JS, Penkrot TA, **Hyatt JPK**. Exploring Supports or Incentives to Promote Undergraduate Students' Use of Cooperative Study Groups. *International Journal of Educational Research Open* 4: 100252, 2023. doi: 10.1016/j.ijedro.2023.100252. **IF: 2.845**
- Hyatt JPK**. MOTS-c increases in skeletal muscle following long-term physical activity and improves acute exercise performance after a single dose. *Physiological Reports* 10 (13): e15377, 2022. doi: 10.14814/PHY2.15377. **IF: 2.26**
- **Identified as “one of the most downloaded” article from Journal for AY2022**
- Hyatt JPK**, Brown EA\*, Deacon HM\*, McCall GE. Muscle-specific sensitivity to voluntary physical activity and detraining. *Frontiers in Physiology: Exercise Physiology* 10: 1328, 2019. doi: 10.3389/fphys.2019.01328. **IF: 3.201**
- **Views: 4,309 (Jul. 2024)**
- Hyatt JPK**, Bienenstock EJ, Tilan JU. A student guide to proofreading and writing in science. *Advances in Physiology Education* 41: 324-331, 2017. doi:10.1152/advan.00004.2017. **IF: 1.723**
- **Altmetric Score: 88**
  - **Downloads: 20,556 (Jul. 2024)**
- Hyatt JPK**, Nguyen L, Hall AE\*, Huber AM\*, Kocan JC\*, Mattison JA, de Cabo R, LaRocque JR, Talmadge RJ. Muscle-specific myosin heavy chain shifts in response to a long-term high fat / high sugar diet and resveratrol treatment in nonhuman primates. *Frontiers in Physiology: Striated Muscle Physiology* 7: 77, 2016. doi: 10.3389/fphys.2016.00077 **IF: 4.031**
- **Altmetric Score: 188**
  - **Views: 23,346 (Jul. 2024)**
- Parvaresh KC\*, Huber AM\*, Brochin RL\*, Bacon PL\*, McCall GE, Huey KA, **Hyatt JPK**. Acute vascular endothelial growth factor expression during hypertrophy is muscle phenotype-specific and localizes as a striated pattern within fibers. *Experimental Physiology* 95(11): 1098-1106, 2010. doi: 10.1113/expphysiol.2010.053959. (November on-line cover) **IF: 3.168**
- Hyatt JPK**, Hurst SA. Novel undergraduate physiology laboratory using a human patient simulator. *Medical Education* 44(5): 523, 2010. doi: 10.1111/j.1365-2923.2010.03651.x. **IF: 2.696**
- Hyatt JPK**, Roy RR, Rugg SG, Talmadge RJ. Myosin heavy chain composition of tiger (*Panthera tigris*) and cheetah (*Acinonyx jubatus*) hindlimb muscles. *Journal of Experimental Zoology Part A: Ecological Genetics and Physiology* 313(1): 45-57, 2010. doi: 10.1002/jez.574. **IF: 1.549**
- Hyatt JPK**, McCall GE, Kander EM\*, Zhong H, Roy RR, Huey KA. Pax3/7 expression coincides with MyoD during chronic skeletal muscle overload. doi: 10.1002/mus.21006. *Muscle and Nerve* 38(1): 861-866, 2008. **IF: 2.594**
- Pae EK†, **Hyatt JPK**†, Wu J, Chien P. Short-term electrical stimulation alters tongue muscle fiber type composition. *Archives of Oral Biology* 52(6): 544-551, 2007. doi: 10.1016/j.archoralbio.2006.12.002. **IF: 1.379**

- Sacheck JM, **Hyatt JPK**, Raffaello A, Jagoe RT, Roy RR, Edgerton VR, Lecker SH, Goldberg AL. Rapid disuse and denervation atrophy involve similar transcriptional changes as muscle wasting during systemic diseases. *The FASEB Journal* 21(1): 140-155, 2007. doi: 10.1096/fj.06-6604com. **IF: 7.049**
- Cesari WA\*, Caruso DM\*, Zyka EL\*, Schroff ST, Evans CH, **Hyatt JPK**. Study of physiological responses to acute carbon monoxide exposure with a human patient simulator. *Advances in Physiology Education* 30(4): 242-247, 2006. doi: 10.1152/advan.00063.2006. **IF: 1.483**
- Hyatt JPK**, Roy RR, Baldwin KM, Wernig A, Edgerton VR. Activity-unrelated neural control of myogenic factors in slow muscle. *Muscle and Nerve* 33(1): 49-60, 2006. doi: 10.1002/mus.20433. **IF: 2.594;**
- Huey KA, **Hyatt JPK**, Zhong H, Roy RR. Effects of innervation state on Hsp25 content and phosphorylation in inactive rat plantaris muscles. *Acta Physiologica Scandinavica* 185(3): 219-228, 2005. doi: 10.1111/j.1365-201X.2005.01483.x. **IF: 2.455**
- Hyatt JPK**, Roy RR, Baldwin KM, Edgerton VR. Nerve-activity-independent regulation of muscle atrophy: role of MyoD and Myogenin in satellite cells and myonuclei. *American Journal of Physiology, Cell Physiology* 285(5): C1161-1173, 2003. doi: 10.1152/ajpcell.00128.2003. **IF: 4.23**
- Vincent HK, Carlson C, **Hyatt JP**, Yihua L, Vincent KR. Alterations in bilateral force judgment following strenuous eccentric exercise. *Research Quarterly in Exercise and Sport* 71(4): 340-348, 2000. doi: 10.1080/02701367.2000.10608917. **IF: 1.214**
- Hyatt JPK**, Clarkson PM. Creatine kinase release and clearance using MM variants following repeated bouts of eccentric exercise. *Medicine and Science in Sport and Exercise* 30(7): 1059-1065, 1998. doi: 10.1097/00005768-199807000-00006. **IF: 3.399**
- Thompson HS, **Hyatt JP**, DeSouza MJ, Clarkson PM. The effects of oral contraceptives on delayed onset muscle soreness following exercise. doi: 10.1016/S0010-7824(97)00093-0. *Contraception* 56(2): 59-66, 1997. **IF: 2.327**

**Citation index: 1,417 (Jul. 2024)**  
**h-index: 12**  
**Source: Google Scholar**

## Books

- Hyatt JPK**, Kingsbury JS. *Introduction to Anatomy and Physiology: Laboratory Manual*, 1<sup>st</sup> ed. New York, NY: McGraw Hill, 2024. ISBN: 978-1-26507-579-8
- Hyatt JPK**, Kingsbury J, Gozo C, Penkrot T. *Anatomy & Physiology I: Laboratory Manual*, 4th ed. Toronto, Ontario: Top Hat Monocle Corp, 2023. ISBN: 978-1-64043-632-9
- Hyatt JPK**, Kingsbury J, Gozo C, Penkrot T. *Anatomy & Physiology II: Laboratory Manual*, 3rd ed. Toronto, Ontario: Top Hat Monocle Corp, 2023. ISBN: 978-1-64043-633-6

## Abstracts / Conference reports

Firetto CM, Starrett E, Yan L, **Hyatt JP**, Penkrot T. (Under review). Promoting collaborative study strategy use with biology undergraduate students. Submitted to the annual meeting of the American Educational Research Association (AERA), Chicago, IL.

**Hyatt JPK**, Hagan C\*, Lu EJ\*, McCall GE. Increased mitochondrial-encoded protein expression coincides with MHC phenotype shift during hypertrophy of rat plantaris. *Medicine & Science in Sports & Exercise* 55 (9S), 220, 2023. ACSM Conference: Denver, CO, May 30 - Jun 2, 2023.

Firetto CM, Montalbano AC, Starrett E, Yan L, **Hyatt JP**, Penkrot T. A Study Strategy Module for Biology Undergraduates: Uptake and Impact. American Psychological Association Convention: Minneapolis, MN, Aug 4 - 7, 2022.

**Hyatt JPK**, Dimatteo L.\* Early-life Exposure To Voluntary Running Wheels Does Not Impact Post-weaned Exercise Distances In Young Rats. *Medicine & Science in Sports & Exercise* 54 (9S), 120. ACSM Conference: San Diego, CA, May 31 - Jun 4, 2022.

**Hyatt JPK**, Pullman BR.\* Expression profiles of protein markers regulating the mitochondrial lifecycle in skeletal muscle of acute spinal cord transected rats. *The FASEB Journal*, 36:. <https://doi.org/10.1096/fasebj.2022.36.S1.R5789>. Experimental Biology Conference: Philadelphia, PA April 2-5, 2022.

Pullman BR,\* **Hyatt JPK**. MOTS-c protein expression increases following aerobic exercise training and remains elevated during detraining. *The FASEB Journal* 36: <https://doi.org/10.1096/fasebj.2022.36.S1.R5018>. Experimental Biology Conference: Philadelphia, PA April 2-5, 2022.

Firetto CM, **Hyatt JPK**, Kingsbury J, Penkrot TA. Using in-class learning activities to promote integration strategy use. Presented at the annual convention of the American Psychological Association, Washington, DC August 6-8, 2020. doi: 10.17605/OSF.IO/K2DHU

**Hyatt JPK**, Caprio LA\*, Bienenstock EJ, Kim JA, McCall GM. Introduction of a high-fat/sucrose diet modulates voluntary wheel running activity in adult female rats. *Med Sci Sport Exerc* 49(5): S330, 2017. ACSM Conference: Denver, CO May 31-Jun 4.

Kingsbury J, Penkrot T, Lisinbee C, **Hyatt JPK**. An analysis of assessment modalities in high-enrollment course sections. *The FASEB J* 31 (1 Suppl.): 576.40, 2017. Experimental Biology Conference: Chicago, IL April 22-26.

Pang M\*, McCall G, Mehan R; **Hyatt JP**, Kim J. The role of MMP-9 in satellite cell activation after increased activity. *International Journal of Exercise Science: Conference Proceedings* 8(4), Article 5, 2016. Available at: <http://digitalcommons.wku.edu/ijesab/vol8/iss4/5>

Fitzpatrick RE\*, McCall GE, Mehan RS, **Hyatt JPK**, Kim JA. The role of MMP-2, -9, and -13 in the regulation of skeletal muscle hypertrophy. *International Journal of Exercise Science: Conference Proceedings* 8(4), Article 9, 2016. Available at: <http://digitalcommons.wku.edu/ijesab/vol8/iss4/9>

**Hyatt JPK**, Brown EA\*, Bienenstock EJ, McCall GM. Acute exercise stress elicits differential gene expression profiles in sedentary vs. detrained soleus muscles. *Integrative Biology of Exercise Conference* (Phoenix, AZ) Nov. 2-4, 2016. Abstract 25.1, p. 91. <http://www.the-aps.org/mm/Conferences/APS-Conferences/2016-Conferences/Exercise/Official-Meeting-Program-Book.pdf>

- Caprio LA\*, Bowden MT\*, Kim JA, McCall GE, **Hyatt JPK**. Changes in dietary fat/sugar content cannot account for altered patterns in daily physical activity. Poster: Undergraduate Research Conference (Washington, DC), Apr. 14, 2016.
- Brown EA\*, McCall GE, **Hyatt JPK**. The effects of detraining on gene expression profiles in rat soleus skeletal muscle after acute exercise. *International Journal of Exercise Science: Conference Proceedings* 8(3): Article 12, 2015. Available at: <http://digitalcommons.wku.edu/ijesab/vol8/iss3/12>
- Dahlberg PA\*, Mehan RS, **Hyatt JPK**, McCall GE. The role of MMP-9 in mouse plantaris muscle hypertrophy. *International Journal of Exercise Science: Conference Proceedings* 8(3): Article 36, 2015. Available at: <http://digitalcommons.wku.edu/ijesab/vol8/iss3/36>
- Huber AM\*, Hall A, Pascavis A\*, Chaney M\*, Kocan J\*, **Hyatt JPK**. Resveratrol treatment in rhesus macaques has minimal influence on skeletal muscle genotype expression and glycolytic/oxidative enzyme activity. Poster: Undergraduate Research Conference (Washington, DC), Apr. 9, 2012. (Funded by the Sigma Xi Society)
- Parvaresh KC\*, Brochin RL\*, Huber AM\*, Bacon PL\*, McCall GE, **Hyatt JPK**. VEGF and HB-EGF Expression and Localization in Chronically Overloaded Rat Plantaris and Soleus Muscle. *Med Sci Sport Exerc* 42(5): S264, 2010.
- Zare SM\*, **Hyatt JPK** Static arch height is a poor predictor of stress fracture risk in male college athletes. Oral presentation: Undergraduate Research Conference (Washington, DC), Apr. 16, 2009.
- Kander EM\*, McCall GE, Zhong H, Roy RR, **Hyatt JPK**. Early time course of Pax3, Pax7, and MyoD protein content in the functionally overloaded rat plantaris muscle. *The FASEB J*, April, 2007.
- Hyatt JPK**, Zhong H, Banker TP\*, Mikulich MR\*, Roy RR. Modulation of Pax3 and Pax7 protein expression and localization in inactive skeletal muscle. *The FASEB J* 20 483.3, 2006.
- Hyatt JPK**, Lu Z, Capetanaki Y, Ralston E. Perturbation of subcellular organization in muscle fibers from desmin null mice. *New Directions in Biology and Disease* (San Diego, CA), 2004.
- Park H, Bakar K, Hamzepour S, Wu J, **Hyatt JP**, Shin K-H, Pae E-K. Fiber-type changes in the genioglossus muscle induced by electrical stimulation. *International Association for Dental Research* (Honolulu, HI), March 2004.
- Hyatt JPK**, Roy RR, Baldwin KM, Edgerton VR. Modulation of muscle-specific genes and satellite cell activity via neural activity-independent influences. *Med Sci Sport Exerc.* 35(5): S241, 2003.
- Sacheck JM, Ohtsuka A, Gomes M, Lecker SH, **Hyatt JPK**, Edgerton VR, Goldberg AL. Expression of muscle-specific ubiquitin-protein ligases (E3s) during muscle atrophy. *The FASEB J.* 17(4) Part II: A957, 2003.
- Hyatt JPK**, Roy RR, Edgerton VR. Neural activity-independent modulation of MyoD and Myogenin protein expression in adult skeletal muscle. *The FASEB J.* 16(5) Part II: A761, 2002.
- Hyatt JPK**, Roy RR, Edgerton VR. Role of muscle-derived stem cells during skeletal muscle regeneration and hypertrophy. *Med Sci Sport Exerc.* 33(5): S79, 2001.
- Hyatt JPK**, Clarkson PM. Effect of a repeated bout of exercise on creatine kinase-MM isoforms. *Med Sci Sport Exerc.* 29(5): S63, 1997.

- Sacheck JM, **Hyatt JP**, Thompson HS, Clarkson PM. Dietary fat intake, caloric intake, and vitamin E consumption in female athletes. *Med. Sci. Sport Exerc.* 29(5): S125, 1997.
- Thompson HS, **Hyatt JP**, Clarkson PM. Exercise-induced muscle damage in subjects with different levels of ingested estrogen. *Med. Sci. Sport Exerc.* 28(5): S114, 1996.
- Carlson CJ, **Hyatt JP**, Nosaka K, Clarkson PM. The effect of fatigue on subsequent performance of strenuous isometric exercise. *Med. Sci. Sport Exerc.* 28(5): S114, 1996.



## Teaching Experience

### Arizona State University (2016-pres)

- 2019-pres Introduction to Human Anatomy and Physiology w/ laboratory (BIO 160) – online
- 2018-23 Introduction to Human Anatomy and Physiology w/ laboratory (BIO 160) – on-ground
- 2018-23 Co-Director, Global Intensive Experience, Global STEM Education: Science Teaching Experience in Costa Rica
- 2016-pres Human Anatomy and Physiology I w/ laboratory (BIO 201)
- 2017-18 Foundations of Human Disease (co-taught)

### Georgetown University (2004-2016) – Average Teaching Evaluations: ~4.51 / 5

- 2004-16 Physiological Adaptations w/ laboratory
- 2004-16 The Language of Health and Disease
- 2009-15 Research Theory and Communication in Science and Healthcare
- 2005-11 Exercise Physiology w/ laboratory
- 2007-09 The Human Machine
- 2004-07 Human Biology I/II laboratory
- 2004-05 Biotechnology laboratory
- 2004 Microbiology laboratory

### Additional Teaching Experience

- 2017 Northern Arizona University Pathophysiology (graduate), guest lecturer (2 weeks)
- 2003 Instructor: UCLA Introduction to Molecular Biology
- 2002 Instructor: UCLA Cells, Tissues, and Organs (Intro. Physiology)
- 1999 Instructor: Mt. St. Mary's Exercise Physiology (Master's Level)

### Invited Talks / Seminars

- “Exercise, detraining, and muscle hypertrophy: preliminary findings.” School of Nursing and Health Studies, Georgetown University, November 9, 2015.
- “Diet and exercise: pilot work.” Center for the Study of Sex Differences in Health, Aging and Disease, Georgetown University, February 20, 2015.
- “Engaging in new collaborative research directions: three to four pilot ideas.” Departments of Psychology and Exercise Science, University of Puget Sound, February 18, 2014.
- “Research endeavors with undergraduate students.” Department of Exercise Science, Linfield College, McMinnville, OR, January 14, 2014.
- “Mechanical and cellular mechanisms contributing to skeletal muscle hypertrophy.” Department of Exercise Science, Linfield College, McMinnville, OR, January 14, 2014.
- “Opening Pathways to Success for Rural High School Students.” National HRSA/HCOE/HCOE conference, Bethesda, MD, February 2, 2011.
- “There is no pill for physical activity; Skeletal muscle hypertrophy” Special Master's Program in Physiology. Georgetown University, May 2010 – 2013.

“Is Skeletal Muscle an Endocrine Organ?” Departments of Biology and Exercise Science, University of Puget Sound, June 2008

“Skeletal and Muscular Physiology and Pathophysiology.” Graduate Nursing, 2007-08

“So, You Think You’re Buff.” Georgetown Admissions Ambassador Program, 2005-06

“Research in a College Setting.” Summer high school seminars, Georgetown University, 2004-2008.

### **Professional Organizations / Service**

College Board Consulting for national Anatomy and Physiology Advanced Placement Curriculum

Phase II: National Advisory Panel for A&P I (Feb. 2023): joined 3 Phase I advisors to lead curricula refinement with ~25 newly selected instructors

Phase I: Design A&P I and II (Aug-Nov 2022): joined ~25 instructors from variety of universities, community colleges, and high schools in the US in curricula development

Reviewer, *iScience*

Reviewer, *PeerJ*

Review Editor, *Frontiers in  
Physiology  
Education*

Reviewer, *Applied Physiology, Nutrition, and Metabolism*

Reviewer, *Molecular Biology Reports*

Reviewer, *The Anatomical Record*

Reviewer, *American Journal of Physiology – Reg., Integ., Comp Physiol*

Reviewer, *Journal of Applied Physiology*

Reviewer, *Cells, Tissues, Organs*

Reviewer, *Acta Physiologica Scandinavica*

Reviewer, *Muscle and Nerve*

Reviewer, *The Brazilian Journal of Medical and Biological Research*

Reviewed: *The Human Body in Health and Disease* (5<sup>th</sup> ed.)  
by GA Thibodeau and KT Patton, 2009.

Reviewed: *Essentials of Anatomy & Physiology*, 1<sup>st</sup> ed.  
by GA Thibodeau and KT Patton

Member, Sigma Xi Society

Member, American Physiological Society

Member, American College of Sports Medicine (ACSM)

### **ASU Committees**

2023-pres Governance Grievance Committee (University – elected Downtown campus representative)

2021-pres School of Applied Sciences and Arts Personnel and Promotion Committee (CISA)

2022-23 Search Committee, Director for School of Applied Sciences and Arts, College of Integrative Sciences and Arts (CISA)

2022 Applied Liberal Arts and Sciences (major) curriculum development (CISA)

### Georgetown University Committees

2015	Chair, Executive Faculty, School of Nursing and Health Studies (SNHS)
2004-13	Undergraduate Admissions, University-wide
2010-11	General Education Working Group
2009-10	Thresholds in Writing, CNDLS
2005-11	Career Center Advisory Council
2004-11	Honor Council, University-wide
2009-10	Strategic Planning Committee, Georgetown Univ. Medical Center
2007-10	Co-Chair, Faculty Development and Welfare, SNHS
2008	Research in Health Care subcommittee, SNHS
2006-07	Situation Room Taskforce, SNHS
2005-07	Simulation/Technology Taskforce, SNHS
2005	School Naming Taskforce, SNHS
2005	Health Equity Strategic Planning Team, SNHS

### Press

- ASU Now. "ASU anatomy and physiology faculty turn book proceeds into student scholarships" June 12, 2019. <https://asunow.asu.edu/20190523-asu-anatomy-and-physiology-faculty-turn-royalties-student-scholarships>
- ASU Now. "Digital cadavers bring students a deeper understanding of anatomy, physiology. February 27, 2018. <https://asunow.asu.edu/20180226-discoveries-asu-anatomage-table-digital-cadaver-anatomy-study>
- ASU Now. "Changing the anatomy of a science education." February 27, 2018. <https://campus.asu.edu/content/changing-anatomy-science-education-0>
- Frontiers. "Another reason for wine lovers to toast resveratrol: Resveratrol found in red wine could help counteract the negative impact of high fat/high sugar diets." ScienceDaily. ScienceDaily, May 13, 2016. <[www.sciencedaily.com/releases/2016/05/160513150355.htm](http://www.sciencedaily.com/releases/2016/05/160513150355.htm)>
- Vuona, Al. "Off the vine: Research touts health benefits of drinking wine." The Telegram & Gazette, Worcester, MA. <http://m.telegram.com/entertainmentlife/20160609/off-vine-research-touts-health-benefits-of-drinking-wine>
- Kirby, Tressa. "Embarking on the Pathway to Success." Georgetown University Medical Center Website, August 11, 2010. <http://gumc.georgetown.edu/news/stories/114483.html>
- Burgoon, Lauren. "Athletes' Feats: A Case of Conditioning or Genetics?" Blue & Gray: Georgetown University's Newsletter for Faculty and Staff, March 3, 2010. [http://explore.georgetown.edu/documents/49164/?utm\\_source=bronto&utm\\_medium=email&utm\\_term=Athletes%27+Feats%3A+A+Case&utm\\_content=jkh22%40georgetown.edu&utm\\_campaign=Blue+%26+Gray%2C+March+3](http://explore.georgetown.edu/documents/49164/?utm_source=bronto&utm_medium=email&utm_term=Athletes%27+Feats%3A+A+Case&utm_content=jkh22%40georgetown.edu&utm_campaign=Blue+%26+Gray%2C+March+3)
- Hambleton, Laura. "Practice Makes Perfect But Good Genes are Golden." *The Washington Post*, February 23, 2010. <http://www.washingtonpost.com/wp-dyn/content/article/2010/02/22/AR2010022203641.html?referrer=emailarticle>

Office of Communications, Georgetown University Medical Center, Media Advisory: GUMC Experts Offer Commentary on Olympic-related Medical Stories, February 9, 2010.  
<http://explore.georgetown.edu/news/?ID=48743&PageTemplateID=295>

Schneider, Howard. "For Your Other 600 Muscles." *The Washington Post*, June 12, 2007.  
<http://www.washingtonpost.com/wp-dyn/content/article/2007/06/11/AR2007061101901.html>

Dell'Amore, Christine. "Start today on a fitter you." *United Press International*, Jan 15, 2007.  
<http://www.upi.com/ConsumerHealthDaily/view.php?StoryID=20070115-032635-4578r>