SDSU | San Diego State University

Curriculum Vitae (abridged)
March 2026

Dan Cannon
San Diego State University
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EDUCATION/TRAINING

05/2012 – 01/2015 Postdoctoral Fellowship	LA Biomedical at Harbor-UCLA Medical Center Physiology & Medicine
07/2012 Doctor of Philosophy	University of Leeds Physiology
05/2008 Master of Science	San Diego State University Exercise Physiology
05/2006 Bachelor of Science	San Diego State University Kinesiology

ACADEMIC POSITIONS

08/2019 – present San Diego State University	Associate Professor Physiology
01/2015 – 08/2019 San Diego State University	Assistant Professor Physiology

SELECT PUBLICATIONS, COMPLETE LIST HERE (i10-index= 24; h-index[1]=19; citations=1297[2]; student/trainee authors underlined; *co-first authors)

1. Cunha J, Domingo A, Kolkhorst FW, Rossiter HB, **Cannon DT**. Imposed expiratory resistance, dynamic hyperinflation, and locomotor power and fatigue. *Exp Physiol 111*(3): 809-819, 2026. JCR Ranking 36/87 Physiology, Acceptance rate 60%, 5-yr Impact Factor 2.7

2. **Cannon DT**, Nogueira L, Gutierrez-Gonzales A, Gilmore NK, Bigby TD, Breen EC. Role of IL-33 receptor (ST2) deletion in diaphragm contractile and mitochondrial function in the Sugen5416/hypoxia model of pulmonary hypertension. *Respir Physiol Neurobiol 295*: 103783, 2022. JCR Ranking 57/64 Respiratory System, Acceptance rate 36%, 5-yr Impact Factor 1.9

3. *Erram J, *Bari M, Domingo A, **Cannon DT**. Pulmonary function with expiratory resistive loading in healthy volunteers. *PLoS One 16*(6): e0252916, 2021. JCR Ranking 26/73 Multidisciplinary Sciences, Acceptance rate 43%, 5-yr Impact Factor 3.2

4. **Cannon DT**, Rodewohl L, Adams V, Breen EC, Bowen TS. Skeletal myofiber VEGF deficiency leads to mitochondrial, structural and contractile alterations in mouse diaphragm. *J Appl Physiol 127*(5): 1360-1369, 2019. JCR Ranking 8/81 Sports Science, Acceptance rate 24%, 5-yr Impact Factor 3.5

5. *Yong S, *Swisher AR, Ferguson C, **Cannon DT**. Maximal sustained isokinetic power at exercise intolerance is not critical power. *Int J Sports Med 40*(10): 631-638, 2019. JCR Ranking 36/83 Sports Sciences, Acceptance rate not disclosed, 5-yr Impact Factor 2.1

6. *Swisher AR, *Koehn B, Yong S, Cunha J, Ferguson C, **Cannon DT**. Dynamics of locomotor fatigue during supra-critical power exercise. *Med Sci Sports Exerc 51*(8):1720-1726, 2019. JCR Ranking 7/81 Sports Sciences, Acceptance rate 23%, 5-yr Impact Factor 4.3

7. ***Cannon DT**, *Coelho AC, Cao R, Cheng A, Porszasz J, Casaburi R, Rossiter HB. Skeletal muscle power and fatigue at the tolerable limit of ramp-incremental exercise in COPD. *J Appl Physiol 121*(6): 1365-1373, 2016. JCR Ranking 8/81 Sports Science, Acceptance rate 24%, 5-yr Impact Factor 3.5

8. **Cannon DT**, Bimson WE, Hampson SA, Bowen TS, Murgatroyd SR, Marwood S, Kemp GJ, Rossiter HB. Skeletal muscle ATP turnover by ^{31}P magnetic resonance spectroscopy during moderate and heavy bilateral knee-extension. *J Physiol 592*(23): 5287-5300, 2014. JCR Ranking 5/83 Physiology, Acceptance rate 28%, 5-yr Impact Factor 5.1

9. **Cannon DT**, Howe FA, Whipp BJ, Ward SA, McIntyre DJ, Ladroue C, Griffiths JR, Kemp GJ, Rossiter HB. Muscle metabolism and activation heterogeneity by combined ^{31}P chemical shift and T2 imaging, and pulmonary O_2 uptake during incremental knee-extensor exercise. *J Appl Physiol 115*(6): 839-849, 2013. JCR Ranking 7/81 Sports Science, Acceptance rate 24%, 5-yr Impact Factor 4.2

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[1]Hirsch JE. An index to quantify an individual's scientific research output. *Proc Natl Acad Sci 102*(46):16569-16572, 2005

[2]Source: *Google Scholar* (https://scholar.google.com/citations?hl=en&user=XgWnBZ8AAAAJ&view_op=list_works&sortby=pubdate)

RECENT FUNDED RESEARCH GRANTS

Date	Sponsor & Title	Role	Amount
2026-	SDSU Seed Grant *Exercise-induced muscle damage, the power-velocity relationship, and pulmonary function in people with and without asthma*	PI	$7.5k
2019-2024	National Science Foundation (NSF 1927695) *Integrative Organismal Systems* *Collaborative Research: Role of endogenous carbon monoxide (CO) in hypoxia tolerant species*	Co-PI	$495k

RECENT COURSES TAUGHT

Course #	Course Name	Level (i.e., upper, lower, grad)	Modality (i.e., online, in-person, hybrid)	Co - Taught?	Semesters Taught
ENS 662	Advanced Exercise Physiology Laboratory	Grad	In-Person	Yes	FA16, FA17, FA18, FA19, FA20, FA21, FA22, FA23, FA24, FA25
ENS 797	Research	Grad	In-Person	No	FA24, FA25
ENS 798	Special Study	Grad	In-Person	No	SP16, SP17, SP19, FA19, FA21, SP22, FA22, SP23, FA23, SP24, FA24, SP25
ENS 799A/B	Thesis (Chair)	Grad	In-Person	No	SP16, SU16, SP20, FA20, SP21, SP22, SU22, SP23, SU23, FA23, SP24, SU24, SP25, SP26
ENS 304L	Exercise Physiology Laboratory	Upper	In-Person	No	SP07, FA08, SP08, FA22, SP23, FA23, SP24, FA24, SP25, FA25, SP26
ENS 332	Pathophysiology I	Upper	In-Person	No	SP16, FA16, SP17, FA17, FA18, FA19, FA20, FA21
ENS 333	Pathophysiology II	Upper	In-Person	No	SP16, FA16, SP17, FA17, FA18, FA19, FA20, FA21