

Curriculum Vitae - Steven Hobbs

Dept of Integrative Physiology, UCB 354, Boulder, Co. 80309, 303-492-7629, steven.hobbs@colorado.edu

EDUCATION

2007 PhD, Integrative Physiology, University of Colorado, Boulder
2002 Neuroscience summer course, Marine Biological Laboratory, Woods Hole
1997 B.S. Physiology and Neuroscience, University of California, San Diego

TEACHING

IPHY 5800	Advanced Statistics & Research Methods in IPHY
IPHY 2800	Intro to Statistics
IPHY 3280	Introduction to Data Science and Biostatistics
IPHY 3410	Human Anatomy Lecture
IPHY 3415	Human Anatomy Lab
IPHY 3430	Intro Human Physiology
IPHY 3435	Human Physiology lab
IPHY 3450	Comparative Animal Physiology
IPHY 3470	Human Physiology I
IPHY 4660	Etiology of Alzheimer's disease

PUBLICATIONS

Rajpal S, **Hobbs S L**, Nelson E L, Villavicencio A, Zielenski C, Beasley K, Kantha V, Mesenbrink J, & Burneikiene S. The impact of preventative multimodal analgesia on postoperative opioid requirement and pain control in patients undergoing lumbar fusions. *Clinical spine surgery* **2020**, 33(3), E135–E140.
<https://doi.org/10.1097/BSD.0000000000000913>

Meyers RN, **Hobbs S L**, Howell D R, Provance A J. Are Adolescent Climbers Aware of the Most Common Youth Climbing Injury and Safe Training Practices? *Int. J. Environ. Res. Public Health* **2020**, 17, 812.
<https://doi.org/10.3390/ijerph17030812>

Hobbs, S L, Voting Equity in the 2018 General Election in Wisconsin, Projects in Applied Data Science: Fall 2019, CU Scholar University Libraries <https://scholar.colorado.edu/concern/reports/3j333305f>

Beasley K, Zakar C, **Hobbs S**, Kantha V, Burneikiene S. Prospective randomized feasibility study comparing manual vs automatic position-adaptive spinal cord stimulation with surgical leads *Acta Neurochir* **2019**, 161, 1571-1578. <https://doi.org/10.1007/s00701-019-03943-z>

Meyers RN, Potter MN, **Hobbs S**, Provance A. Finger stress fractures in youth elite rock climbers. *Orthopaedic Journal of Sports Medicine*. March 2019. doi:[10.1177/2325967119S00065](https://doi.org/10.1177/2325967119S00065)

CREATIVE WORK

2023	Data Essentials with R	A free online introduction to data analysis with R.
2019	Voting Equity in the 2018 General Election in Wisconsin	Final project for CSCI 4831.

DEPARTMENT & UNIVERSITY SERVICE (Past 5 years)

2019 – 2022	Chair of the IPHY Undergraduate Research Symposium
2019 – 2022	Committee member of the IPHY Internship and Research Opportunities Fair
2021 – 2022	Chair of the Classroom Interview Committee
2019 – 2022	Member of the Statistics Curriculum Committee
2019	Data analysis for IPHY & MCDB Disability Services accommodation letters 2010-2018
2018	Data analysis and co-authoring for Boulder Neurosurgical Associates
2018	General Education Implementation Committee member for college of Arts and Sciences
2017	General Education Implementation Committee member for college of Arts and Sciences

PROFESSIONAL GRANTS AND AWARDS

2016 Marinus Smith Award
2010 Dean's Fund Award, \$900 for Wellness Center

RESEARCH AWARDS

2017 Undergraduate Research Award to support Rachel Meyers Honors thesis, \$1500
2003 American Federation for Aging Research, Glen AFAR Scholarship, \$5000
2002 EPOB Departmental grant, \$2486
2002 EPOB Rozella Smith Fellowship award, \$8,500
2002 National Institute of Health. NRSA, 3-year pre-doctoral fellowship, \$74,000
2002 Beverly Sears Graduate Student Grant Award, \$200
2001 EPOB Departmental grant, \$2300
2001 EPOB Departmental grant, \$2300
2001 Sigma Xi Grants in Aid of Research, \$650

PRESENTATIONS & POSTERS

2004 Gerontology Society of America, Poster: *Cerebral Abeta Deposits are Reduced by Stress Levels of Cortisol and Maintained by Spawning Levels of Cortisol in Juvenile Kokanee Salmon*

2003 Front Range Neuroscience Group, Talk: *Cerebral Abeta Deposits are Reduced by Stress Levels of Cortisol and Maintained by Spawning Levels of Cortisol in Juvenile Kokanee Salmon*

2003 Society for Neuroscience, Poster: *The Effects Of Stress And Simulated Spawning Cortisol Levels On Beta-Amyloid Production And Deposition In Immature Kokanee Salmon*

2002 Society for Integrative and Comparative Biology, Comparative Endocrinology Western Regionals, Talk: *The Effects Of Stress And Simulated Spawning Cortisol Levels On Beta-Amyloid Production And Deposition In Immature Kokanee Salmon*

2001 Society for Integrative and Comparative Biology, Poster: *Cloning of a Partial Sequence of Kokanee Salmon Presenilin-1*