

CURRICULUM VITAE

CONTACT INFORMATION

James M. Harper
Department of Biological Sciences
Sam Houston State University

[REDACTED]

[REDACTED]

[REDACTED]

ACADEMIC APPOINTMENTS

09/2020 – present: **Assistant Chair & Graduate Coordinator**
Department of Biological Sciences
Sam Houston State University
Huntsville, TX

09/2018 – 09/2024: **Associate Professor**
Department of Biological Sciences
Sam Houston State University
Huntsville, TX

09/2012 – 08/2018: **Assistant Professor**
Department of Biological Sciences
Sam Houston State University
Huntsville, TX

07/2004 – 08/2012: **Research Investigator**
Department of Pathology
University of Michigan School of Medicine
Ann Arbor, MI

EDUCATION

09/2000 – 07/2004: **Postdoctoral Training**
Department of Pathology and the Geriatrics Center
University of Michigan
Ann Arbor, MI

09/1994 – 08/2000: **Doctor of Philosophy, Zoology**
University of Idaho
Moscow, ID

09/1990 – 05/1994: **Bachelor of Science, Biology**
Minors, Chemistry & Environmental Studies
State University of New York (SUNY) at Geneseo
Geneseo, NY

BIBLIOGRAPHY

Peer Reviewed Publications (Underline Indicates SHSU Student Author)

1. Hays, E.E., **Harper, J.M.** In press. Weight gain and longevity in speckled cockroaches (*Nauphoeta cinerea*): Effect of food availability during development. *Research Trends in Entomology*.

2. **Harper, J.M.** 2023. Editorial: Insights in Endocrinology of Aging: 2022. *Frontiers in Endocrinology*. <https://doi.org/10.3389/fendo.2023.1228362>.
3. Jimenez, A.G., and **Harper, J.M.** 2023. Exploring the Role of Primary Fibroblast Cells in Comparative Physiology: A Historical and Contemporary Overview. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*. DOI: 10.1152/ajpregu.00025.2023
4. **Badwan, S., Bailey, E., Harper, J.M.** 2023. Do Antioxidants Extend Longevity in Invertebrate and Vertebrate Animals? *OBM Geriatrics* 7(1):19; doi:10.21926/obm.geriatr.2301226.
5. **Harper, J.M.** 2022. Editorial: Insights in Endocrinology of Aging: 2021. *Frontiers in Endocrinology*. DOI: 10.3389/fendo.2022.1066216.
6. Armstrong, T.A., Boisvert, D.L., Wells, J., Lewis, R.H., Cooke, E.M., Woeckener, M., Kavish, N., Vietto, N. & **Harper, J.M.** 2022. Testosterone, cortisol, and criminal behavior in men and women. *Hormones and Behavior*, 146: 105260.
7. **Badwan, S.** and **Harper, J.M.** 2021. Size Matters: Body Size is Correlated with Longevity in Speckled Cockroaches (*Nauphoeta cinerea*). *Current Aging Science*, 14: 214 – 222.
8. **Harper, J.M.** and Holmes, D.J. 2021. New Perspectives on Avian Models for Studies of Basic Aging Processes. *Biomedicines*, 9(6), 649
9. **Cooke, E. M., Connolly, E. J., Boisvert, D. L., Armstrong, T. A., Kavish, N., Lewis, R. H., Wells, J., Woeckener, M., & Harper, J.M.** 2020. Examining How Testosterone and Cortisol Influence the Relationship between Strain, Negative Emotions, and Antisocial Behavior: A Gendered Analysis. *Crime & Delinquency*. 66: 1470 - 1501
10. **Woeckener, M., Connolly, E. J., Boisvert, D. L., Cooke, E. M., Kavish, N., Lewis, R. H., Wells, J., Armstrong, T. A., & Harper, J.M.** 2018. Parental Rejection and Violence: The Moderating Role of Testosterone. *Journal of Criminal Psychology*. 8: 302-313,
11. **Harper, J.M.** 2018. Body Size and the Righting Response: A Cost of Reproductive Success in *Nauphoeta cinerea*? *Journal of Entomological Science*. 53: 523 – 532.
12. **Burns, D.M.F., Harper, J.M., Lynne, A.M.** 2017. Age does not affect the induction of mortality by the foodborne pathogen *Salmonella enterica* in *Caenorhabditis elegans*. *Advances in Microbiology*. 7: 80015.
13. **Davis, K., Chasmeddine, D., Harper, J.M.** 2016. Nutritional Limitation in Early Postnatal Life and Its Effect on Aging and Longevity in Rodents. *Experimental Gerontology*, 86: 84 – 89.
14. Speakman J.R., Blount J.D., Bronikowski A.M., Buffenstein R., Isaksson C., Kirkwood T.B.L., Monaghan P., Ozanne S.E., Beaulieu M., Briga M., Carr S.K., Christensen L.L., Cochemé H.M., Cram D.L., Dantzer B., **Harper J.M.**, Jurk D., King A., Noguera J.C., Salin K., Sild E., Simons M.J.P., Smith S., Stier A., Tobler M., Vitikainen E., Peaker M and Selman C. 2015. Oxidative stress and life histories: unresolved issues and current needs. *Ecology and Evolution* 5: 5745-5757.
15. **Alper, S.J., Bronikowski, A.M. and Harper, J.M.** 2015. Comparative Cellular Biogerontology: Where Do We Stand? *Experimental Gerontology*, 71: 109 – 117.
16. Paigen, B., Marion, M.A., Stearns, T.M., **Harper, J.M.**, Svenson, K.L. 2014. The effect of culling on health and physiology of mouse litters. *Laboratory Animals*, 48: 207 – 215.
17. Calhoon, E.A., Jimenez, A.G., **Harper, J.M.**, Jurkowitz, M.S. and Williams, J.B. 2014. Linkages between mitochondrial lipids and life-history in temperate and tropical birds. *Physiological and Biochemical Zoology*, 87: 265 – 272.
18. Calhoon, E.A., Miller, M.K., Jimenez, A.G., **Harper, J.M.**, and Williams, J.B. 2013. Changes in cultured dermal fibroblasts during early passages across multiple wild bird species. *Canadian Journal of Zoology*, 91: 653 – 659.
19. Kopp, A., Gillespie, T.R., Hobelsberger, D., Estrada, A., **Harper, J.M.**, Miller, R.A., Eckerle, I., Muller, M.A., Podsiadlowski, L., Leendertz, F.H., Drosten, C., Junglen, S. 2013. Provenance and geographic spread of St. Louis encephalitis virus. *mBio*, 4: e00322 – 13
20. Jimenez, A.G.*, **Harper, J.M.***, Queenborough, S.A., and Williams, J.B. 2013. Linkages between the life-history evolution of tropical and temperate birds and the resistance of their cells to oxidative and non-oxidative chemical injury. *Journal of Experimental Biology*, 216: 1373 – 1380 (*denotes equal contribution to this work)
21. Sadighi-Akha, A.A., **Harper, J.M.**, Salmon, A.B., Schroeder, B.A., Rutkowski, D.T. and Miller, R.A. 2011. Heightened induction of pro-apoptotic signals in response to ER stress in primary fibroblasts from a mouse model of longevity. *Journal of Biological Chemistry*, 286: 30344 - 30351
22. **Harper, J.M.**, Wang, M., Galecki, A.T., Ro, J., Williams, J.B. and Miller, R.A. 2011. Fibroblasts from Long-Lived Bird Species are Resistant to Multiple Forms of Stress. *Journal of Experimental Biology*, 412: 1902 - 1910
23. Miller, R.A., Williams, J.B., Kiklevich, V.J., Austad, S.N. and **Harper, J.M.** 2011. Comparative Cellular Biogerontology: Primer and Prospectus. *Aging Research Reviews*, 10: 181 – 190.
24. **Harper, J.M.** 2010. Introduction: Metabolism, Life History and Aging. *Integrative and Comparative Biology*, 50: 778 – 782
25. Pacini, J.A., **Harper, J.M.**, Miller, R.A., Bartke, A., Spong, A. and Masternak, M.M. 2010. Early life growth hormone treatment shortens longevity and decreases cellular stress resistance in long-lived mutant mice. *The FASEB Journal*, 24: 5073 – 5079
26. Williams, J.B., Miller, R.A., **Harper, J.M.**, Wiersma, P. 2010. Functional linkages for the pace of life, life-history, and environment in birds. *Integrative and Comparative Biology*, 50: 869 – 879
27. **Harper, J.M.**, Wilkinson, E., and Miller, R.A. 2010. Macrophage migration inhibitory factor (MIF) knockout mice are long-lived and respond to caloric restriction. *The FASEB Journal*, 24: 2436-2442

28. Sun, L., Sadighi-Akha, A.A., Miller, R.A. and **Harper, J.M.** 2009. Life span extension in mice by pre-weaning food restriction and by methionine restriction in middle age. *Journals of Gerontology Biological Sciences and Medical Sciences*, 64A: 711 – 722
29. **Harper, J.M.** 2008. Wild-derived mouse stocks: An underappreciated tool for aging research. *AGE*, 30: 135 – 145.
30. Swindell, W.R., **Harper, J.M.**, and Miller, R.A. 2008. How Long Will My Mouse Live? Machine Learning Approaches for Prediction of Mouse Lifespan. *Journals of Gerontology Biological Sciences and Medical Sciences*, 63: 895 – 906
31. **Harper, J.M.***, Salmon, A.B.*, Leiser, S.L., Galecki, A., and Miller, R.A. 2007. Skin-Derived Fibroblasts from Long-Lived Species are Resistant to Some, but Not All, Lethal Stresses and to the Mitochondrial Inhibitor Rotenone. *Aging Cell*, 6: 1 – 13. (*denotes equal contribution to this work)
32. **Harper, J.M.**, Leathers, C., and Austad, S.N. 2006. Does caloric restriction extend life span in wild mice? *Aging Cell*, 5: 441 – 449
33. **Harper, J.M.**, Durkee, S.J., Dysko, R.C., Austad, S.N. and Miller, R.A. 2006. Genetic modulation of hormone levels and life span in hybrids between laboratory and wild-derived mice. *Journals of Gerontology Biological Sciences and Medical Sciences*, 61A: 1019 – 1029
34. Hanlon, P., Lorenz, A, Zhihong Shao, Z., **Harper, J.M.**, Galecki, A.T., Burke, D.T., and Miller, R.A. 2006. Three-locus and four-locus QTL interactions influence mouse insulin-like growth factor-I. *Physiological Genomics*, 26: 46 – 54
35. Hulbert, A.J., Faulks, S.C., **Harper, J.M.**, Miller, R.A., Buffenstein, S. 2006. Extended longevity of wild-derived mice is associated with peroxidation-resistant membranes. *Mechanisms of Ageing and Development*, 127: 653 – 657
36. **Harper, J.M.**, Salmon, A.B., Chang, Y., Bonkowski, M., Bartke, A. and Miller, R.A. 2006. Stress resistance and aging in mice: Influence of genes and nutrition. *Mechanisms of Ageing and Development*, 127: 687 – 694
37. **Harper, J.M.**, Durkee, S.J., Smith-Wheelock, M., and Miller, R.A. 2005. Hyperglycemia, impaired glucose tolerance and elevated glycated hemoglobin levels in a long-lived mouse stock. *Experimental Gerontology*, 40: 303 – 314
38. Miller, R.A., Buehner, G., Chang, Y., **Harper, J.M.**, Sigler, R., and Smith-Wheelock, M. S. 2005. Methionine-Deficient Diet Extends Mouse Life Span, Slows Immune and Lens Aging, Alters Glucose, T₄, IGF-I and Insulin Levels, and Increases Hepatocyte MIF Levels and Stress Resistance. *Aging Cell*, 4: 119 – 125
39. Miller, R.A., Berger, S.B., Burke, D.T., Galecki, A.J., Garcia, G.G., **Harper, J.M.** and Sadighi-Akha, A.A. 2005. T Cells in Aging Mice: Genetic, Developmental and Biochemical Analyses. *Immunological Reviews*, 205: 94 – 103
40. **Harper, J.M.**, Galecki, A.T. and Miller R.A. 2004. Body Weight, Hormones and T-cell Subsets as Predictors of Lifespan in Genetically Heterogeneous Mice. *Mechanisms of Ageing and Development*, 125: 381-390
41. **Harper, J.M.** and Austad, S.N. 2004. Fecal Corticosteroid Levels in Free-Living Populations of Deer Mice (*Peromyscus maniculatus*) and Southern Red-Backed Voles (*Clethrionomys gapperi*). *American Midland Naturalist*, 152: 402-409
42. Vergara, M., Smith-Wheelock, M., **Harper, J.M.**, Sigler, R., Miller, R.A. 2004. Hormone-Treated Snell Dwarf Mice Gain Weight and Become Fertile But Remain Long-Lived. *Journals of Gerontology Biological Sciences and Medical Sciences*, 59A: 1244-1251
43. **Harper, J.M.**, Wolf, N., Galecki, A.T., Pinkosky, S.L., and Miller, R.A. 2003. Hormone Levels and Cataract Scores as Sex-Specific, Mid-Life Predictors of Longevity in Genetically Heterogeneous Mice. *Mechanisms of Ageing and Development*, 124: 801-810
44. **Harper, J.M.**, Galecki, A.T., Burke, D.T., Pinkosky, S.L., and Miller, R.A. 2003. Quantitative trait loci for insulin-like growth factor-I, leptin, thyroxine, and corticosterone in genetically heterogeneous mice. *Physiological Genomics*, 15:44-51
45. Hayssen, V., **Harper, J.M.**, and DeFina, R. 2002. Fecal corticosteroids in agouti and nonagouti deer mice (*Peromyscus maniculatus*). *Comparative Biochemistry and Physiology, Part A. Molecular and Integrative Physiology* 132: 439-446
46. Miller, R.A., **Harper, J.M.**, Dysko, R.C., Durkee, S.J., and Austad, S.N. 2002. Longer life spans and delayed maturation in wild-derived mice. *Experimental Biology and Medicine*, 277: 500-508
47. Miller, R.A., **Harper, J.M.**, Burke, D., and Galecki, A. 2002. Big mice die young: Early-life body weight predicts longevity in genetically heterogeneous mice. *Aging Cell*, 1: 22-29
48. **Harper, J.M.** and Austad, S.N. 2001. Effect of Capture and Season on Fecal Glucocorticoid Levels in Deer Mice (*Peromyscus maniculatus*) and Red-Backed Voles (*Clethrionomys gapperi*). *General and Comparative Endocrinology* 123: 337-344
49. **Harper, J.M.** and S.N. Austad. 2000. Fecal Glucocorticoids: A Noninvasive Method of Measuring Adrenal Activity in Wild and Captive Rodents. *Physiological and Biochemical Zoology* 73: 12-22
50. Miller, R.A., Dysko, R., Crisp, C., Seguin, R., Linsalata, L., Buehner, G., **Harper, J.M.**, and Austad, S.N. 2000. Mouse Stocks Derived from Tropical Islands: New Models for Genetic Analysis of Life History Traits. *Journal of Zoology* 250: 95-104

Submitted

51. Armstrong, T.A., Boisvert, D.L., Wells, J., Lewis, R.H., Cooke, E.M., Woeckener, M., Kavish, K., **Harper, J.M.** In review. Hormones, autonomic nervous system activity, and criminal behavior: A consideration of direct and interactive effects. *Journal of Criminal Justice*.
52. Armstrong, T.A., Boisvert, D.L., Wells, J., Lewis, R.H., Cooke, E.M., Woeckener, M., Kavish, K., N. **Harper, J.M.** In Review. Testosterone, Cortisol, and Psychopathy: Further Evidence with the Levenson Self-report Psychopathy Scale and the Inventory of Callous Unemotional Traits. *Social Neuroscience*.

Book Chapters

53. Holmes, D.J. and **Harper, J.M.** 2020. "Chapter 21: Birds as models for the biology of aging and aging-related disease: an update." In M. Conn & J. Ram (eds.) *Handbook of Models for Human Aging, 2nd Edition*. Elsevier Press.
54. **Harper, J.M.** and Salmon, A.B. 2009. "Stress resistance and aging in long-lived rodent models" In J.V. Bentley & M.A. Keller (eds.) *Handbook on Longevity: Diet, Genetics and Disease*. Nova Science Publishers, Inc.

Electronic Publications

55. **Harper, J.M.** (25 June 2003). B6C3F1 Mouse. *Sci. Aging Knowl. Environ.* 2003
<http://sageke.sciencemag.org/cgi/content/full/sageke;2003/25/as1>
56. **Harper, J.M.** (4 Feb 2004). B6D2F1 Mouse. *Sci. Aging Knowl. Environ.* 2004
<http://sageke.sciencemag.org/cgi/content/full/2004/5/as1>
57. **Harper, J.M.** (4 Feb 2004). CB6F1 Mouse. *Sci. Aging Knowl. Environ.* 2004
<http://sageke.sciencemag.org/cgi/content/full/2004/5/as2>

Abstracts

58. Caballero, C., **Harper, J.M.** Evolution of leptin in avian aging. Society of Integrative and Comparative Biology 2023 Annual Meeting. No. P1-062
59. Bailey, E., Badwan, S., Abril, J., Gaviria, M., **Harper, J.M.** Effects of juvenile food availability on body mass, stress resistance and longevity in speckled cockroaches. Society of Integrative and Comparative Biology 2023 Annual Meeting. No. P2-039
60. Badwan, S., **Harper, J.M.** Does food availability impact immune function in speckled cockroaches (*Nauphoeta cinerea*)? Society of Integrative and Comparative Biology 2023 Annual Meeting. No. P2-039
61. Bailey, E., Badwan, S., Abril, J., Gaviria, M., **Harper, J.** Effects of juvenile food availability on body mass, stress resistance and longevity in speckled cockroaches, *Nauphoeta Cinerea*. American Physiological Society Comparative Physiology: From organisms to omics in an uncertain world October 2022. No. 27.28
62. Badwan, S., **Harper, J.M.** Size matters: body size is correlated with longevity in speckled cockroaches (*Nauphoeta cinerea*). Society of Integrative and Comparative Biology 2021 Annual Meeting. No. P20-5
63. Abril, J., Gaviria, M., **Harper, J.M.** The Effect of Altered Food Availability on Heat Resistance and Heavy Metal Toxicity in Speckled Cockroaches (*Nauphoeta cinerea*). Society of Integrative and Comparative Biology 2021 Annual Meeting. No. P20-4
64. Calhoon, E.A., Jimenez, A.G., **Harper, J.M.**, Jurkowitz, M.S., Williams, J.B. The relationship between life history in temperate and tropical bird species and lipids in fibroblast mitochondrial membranes. Society of Integrative and Comparative Biology 2013 Annual Meeting. No. 48.4
65. Calhoon, E.A., **Harper, J.M.**, Jimenez, A.G., Miller, R.A., Jurkowitz, M.S., Williams, J.B. Lipids of mitochondria in fibroblasts and their nexus to life history in temperate and tropical birds. *Integrative and Comparative Biology* 52 (Suppl 1): E220
66. Williams, J.B., Miller, R.A., **Harper, J.M.**, Ro, J., Wang, M. 2011. Fibroblasts from Long-Lived Bird Species are Resistant to Multiple Forms of Stress. Society of Integrative and Comparative Biology 2011 Annual Meeting. No. 39.4.
67. Williams, J., Miller, R.A., and **Harper, J.M.** 2010. APS Intersociety Meeting, Westminster, Colorado, August 4-7. No. 15.4
68. **Harper, J.M.**, Durkee, S., and Miller, R. 2005. Impaired glucose tolerance in a long-lived mouse stock. *FASEB J*, 19: A1051
69. **Harper, J.M.**, S.N. Austad, R.C. Dysko, R.A. Miller. 2002. Characterization of long-lived wild-derived house mice (*Mus musculus*). *AGE*, 25: 131
70. Hayssen, V. and **Harper, J.** 1999. Fecal corticosteroids in deer mice (*Peromyscus maniculatus*): effects of color morph and sex. *Peromyscus Newsletter* 28: 16
71. **Harper, J.M.** and S.N. Austad. 1997. Fecal Corticosterone Levels as an Indicator of Stress in *Peromyscus maniculatus*. *Peromyscus Newsletter* 23: 28
72. Beason, R.C., **J. Harper**, S. McNulty, N. Dussord, and J. Freas. 1994. Magnetic Effects on Homing Bank Swallows. *Journal of Ornithology* 135S: 88

Other Publications

73. **Book Review.** *The Comparative Biology of Aging*. N.S. Wolf (ed.). *Integrative and Comparative Biology* (2010) 50: 692.693

GRANT SUPPORT

Current Support

1. **Co-PI** (w/ M. Botero, A. Natoli). The Effects of Stress and Personality on Cognitive Performance in Dogs. SHSU Interdisciplinary Collaborative Grant. Amount: \$10,766. 6/1/2024 – 5/31/2025.
2. **Co-PI** (w/ S. White, J. Williams) Phytochemical Evaluation Team. Total Amount Awarded \$4,000. 1/15/2023 – 8/1/2024.

Pending Support

3. **Principal Investigator**, ORCC: Plasticizers, Climate Change, and the ER Stress Response. National Science Foundation. Proposed start date: 6/1/2024. Total amount requested: \$689,223.

4. **Principal Investigator**, Using urinalysis to monitor physiological function in free-living rodents. Animal Welfare Institute Christine Stevens Wildlife Award. Proposed start date: 9/1/2024. Total Amount Requested: \$15,000.

Past Support

5. **Co-PI** (w/ M. Botero, A. Natoli, G. Nordwell) Dog Behavioral Change Assessment using Artificial Intelligence-based Software Tools. Total Amount Awarded \$4,000. 1/15/2023 – 8/15/2023.
6. **Principal Investigator**, Plasticizers, climate change and the heat stress response in speckled cockroaches. SHSU OSRP Pilot Study. Total Amount Awarded \$14,953. 6/1/2022 – 5/31/2023.
7. **Principal Investigator**, Effects of bisphenols on the integrates stress response in speckled cockroaches. SHSU FAST Grant. Total Amount Awarded \$6,000. 5/1/2022 – 8/31/2022.
8. **Co-Investigator** (J. Bechelli, PI), “The Role of Cyclooxygenase 2 During Colorado Tick Fever Virus Infection.” Total Award \$15,000. SHSU OSRP Pilot Studies for Future Funding Program.
9. **Co-Investigator** (J. Wozniak, PI), “Understanding a heterogeneous coastal ecosystem: linking estuarine hydrology to coastal habitat quality and the endangered Whooping Crane.” Total Award \$140,000. Earthwatch Institute. 6/1/2018 – 1/31/2021.
10. **Principal Investigator**, “Fecal hormone profiles and aging in common marmosets.” SHSU Faculty Research Grant. Total Amount Awarded \$5,000. 6/1/2017 – 8/31/2017.
11. **Co-Investigator** (J. Wozniak, PI), “Summer 2016 Ignite: Protecting Whooping Cranes and Coastal Habitats in Texas.” Total Award \$16,374. Earthwatch Institute.
12. **Principal Investigator**, “Using primary cell culture to assess the potential impact of industrial plasticizers on the physiological function of free-living vertebrates.” American Wildlife Conservation Foundation. Total Amount Awarded \$2,000.
13. **Principal Investigator (w/ Kyle Kubeczka)**, “Environmental Pollutants and the Cytotoxic Stress Response in Vertebrate Cell Lines.” EURECA Summer 2015 Faculty and Student Team (FAST) Award. Total Amount, \$6000. 6/1/2015 – 8/31/2015
14. **Principal Investigator**, “Caloric restriction and aging in American cockroaches.” SHSU Faculty Research Grant. Total Amount Awarded, \$5,000. Project Dates: 06/01/2014 – 08/31/2014
15. **Principal Investigator**, “Mitochondrial Membrane Lipids and Aging in Diverse Taxa.” SHSU Enhanced Research Grant. Total Amount Awarded, \$15,000. Project Dates: 06/01/2013 – 05/31/2014
16. **Co-Investigator** (R. Miller, PI). “Consortium to Study the Genetics of Longevity.” Total Amount Awarded: \$2,200,247; Total Direct Costs, \$1,422,874. National Institute on Aging (U19AG023122). Project Dates: 07/01/2011 – 06/30/2016
17. **Co-Investigator** (J.B. Williams, PI). “Functional pace of life in tropical versus temperate birds.” Total Amount Awarded: \$552,000. National Science Foundation (IOS-1036914). Project Dates: 8/20/10 – 8/19/11
18. **Principal Investigator**. “Pharmacological inhibition of the somatotrophic axis in mice: Effect on stress resistance and aging.” Total Amount Awarded: \$119,976; Total Direct Costs: \$79,974. Claude Pepper Older Americans Independence Center Core Development Project. Project Dates: 8/1/06 – 12/31/09
19. **Co-Investigator** (R.A. Miller, PI). “Cellular and Molecular Biology of Aging: Administrative Supplement.” Total Amount Awarded: \$148,880. Total Direct Costs: \$100,000. National Institute on Aging (AG013283-14S1). Project Dates: 09/15/08 – 06/30/09
20. **Principal Investigator**. “Multiorgan stress resistance in Snell dwarf mice.” Total Amount Awarded: \$60,800. Total Direct Costs: \$40,000. University of Michigan Nathan Shock Center Pilot Grant. Project Dates: 7/1/08 – 6/30/09
21. **Principal Investigator**. “Modulation of stress resistance and aging in mice.” Total Amount Awarded: \$59,667. American Federation for Aging Research. Project Dates: 7/1/06 – 6/30/08
22. **Principal Investigator**. National Institute on Aging (NIA)-sponsored University of Michigan Older Americans Independence Center (UM OAIC) Research Career Development Core (RCDC) Salary Support Award. Total Amount Awarded: \$48,256; Total Direct Costs: \$31,748. Project Dates: 9/1/06 – 8/31/08

TEACHING

- 08/2012 – present: Contemporary Biology, General Biology I, General Physiology, Pathophysiology, Endocrinology, Comparative Animal Physiology, Biology of Aging, Biology of Model Organisms, Cancer Biology, Film and Society; Sam Houston State University 1101
- 09/2011 – 12/2011: **Ethics 503**, Program in Biomedical Sciences; University of Michigan
- 09/1994 – 05/2000: **Graduate Teaching Assistant**, Department of Biological Sciences; University of Idaho
Courses: Non-majors Introductory Biology (Head TA); General Biology (Guest Lecturer, Head TA); General Zoology (Guest Lecturer); Natural History of Mammals (Guest Lecturer)
- 09/1993 – 05/1994: **Undergraduate Teaching Assistant**, Department of Biology, SUNY Geneseo
Course: Contemporary Biology

MENTORING AND ADVISING

Graduate Students:

Akunna Nwokeiwu (Spring 2024 – present)
Emily Hays (Spring 2022 – Fall 2023)
Sami Badwan (Spring 2020 – Summer 2023)
Elizabeth Bailey (Fall 2021 – Spring 2023), did not finish
Irma Zia (Spring 2018 – Fall 2020), MS Biology
Kallie Davis (Fall 2015 – Fall 2018), did not finish
David Lollar (Fall 2015 – Fall 2018), MS Biology
Samantha Alper (Fall 2014 – Fall 2016), MS Biology
Michael Ryan Watts (Fall 2012 – Fall 2014), did not finish

Medical Students

Kelsey Hu, SHSU COM (Summer 2022)

Undergraduate Students:

Sam Laufer (Fall 2023 – present)
Mayra Saenz (Fall 2023 – present)
Katie Paris (Fall 2023 – present)
Cynthia Boyd (Fall 2023 – present)
Taylor Benedict (Fall 2023 – present)
Taylor Clifford (Fall 2023)
Rafael Ross (Fall 2023)
Emma Bose (Fall 2023 – present)
Ashley Merina (Fall 2023 – present)
Megan Hicks (Summer 2023 – present)
Kathryn-Anne Willy (Fall 2022 – Spring 2023)
Lauren Angus (Fall 2022 – Spring 2023)
Catherine Caballero (Summer 2022 – Fall 2022)
Catherine Pequeno (Fall 2021 – Spring 2022)
Brian Williams (Fall 2021 – Spring 2023)
Tyler McAdams (Fall 2021 – present)
Jimyla Curry (Fall 2021 – Summer 2022)
Alea White (Fall 2020 -Summer 2021)
Faith Kaiser (Fall 2020 – Spring 2021)
Jose Abril (Spring 2020 – Fall 2021)
Michael Gaviria (Spring 2020 – Spring 2021)
Kristen Monk (Fall 2020)
Daniel Sacaciu (Fall 2019 – Spring 2020)
Regan King (Fall 2019 – Spring 2020)
Jacqueline Mata (Fall 2019)
Sneha Srikanth (Honors Thesis, Fall 2019 – Spring 2020)
Angela Figueroa (BIOL 4095, Fall 2017 – Spring 2018)
Joel Silva (BIOL 4095, Fall 2017 – Spring 2018)
Blakely Borinski (BIOL 4095 Fall 2018; Fall 2017 – Summer 2019)
Lorenzo Baeza (Spring 2018)
Linette Ly (BIOL 4095, Spring 2017 – Fall 2017)
Sami Badwan (BIOL 4095, Spring 2017)
Edwin de le Riva (BIOL 4095, Fall 2016)
Kyle Kubeczka (Fall 2014 - 2016)
Jessica Lee (BIOL 4095, Spring 2016)
Jessica Fowler (BIOL 4095, Spring 2016)
Grace Horn (BIOL 4095, Spring 2016)
Olivia Figs (BIOL 4095, Fall 2015)
Lee Tracy (BIOL 4095, Fall 2015)
Michael Bonner (BIOL 4095, Summer 2015)
Kallie Davis (Fall 2014 – Summer 2015)
Oscar Chavez (Fall 2014)
James Aikin (BIOL 4095, Fall 2014)
Claudia Lerma (BIOL 4095; Fall 2014)
Camille Jones (BIOL 4095, Spring 2014)
Matthew Borum (BIOL 4095, Fall 2012)

Graduate Committee Member:

Departmental

Amber Reynolds (Fall 2023 – present)
Max Lannom (Fall 2022 – Spring 2024), MS Biology
William Perez (Summer 2022 – Fall 2023), MS Biology
Cherise Ostrem (Fall 2021 – present)
Cheyenne Evesson (Fall 2021 – Summer 2023), MS Biology
Adheeta Dongre (Fall 2021 – Fall 2023), MS Biology
Stephanie Beane (Spring 2021 – Spring 2023), MS Biology
Katelyn Conner (Spring 2021 – Fall 2021), left program
Sarah Owen (Fall 2020 – Spring 2023), MS Biology
Rachel Porter (Fall 2020 – Fall 2022), MS Biology
Amber Woody (Fall 2019 – Fall 2020), left program
Trisha Brewer (Fall 2018 – Fall 2021), left program
Connor Carlton (Fall 2018 – Fall 2020), MS Biology
Peter Quach (Fall 2017 – Spring 2019), left program
Jaqueline Vasquez (Spring 2016 – present)
Matthew Breuer (Spring 2017 – Fall 2018), MS Biology
Cyrus Sadeghian (Spring 2016 – Fall 2017), MS Biology
Mary Nicole Ruble (Spring 2016 – Summer 2018), MS Biology
Jeanette Carlson (Fall 2015 – 2019), MS Biology
Subash Ghimire (Spring 2015 – Fall 2017), left program
Celso Catumbela (Fall 2015 – Spring 2017), MS Biology
Dawn Fischer (Fall 2014 – 2016), MS Biology
Jessica McWilliams (Fall 2013 – Fall 2017), MS Biology

External

Anna Abate (Dissertation Committee, SHSU Department of Psychology, Spring 2019 – Spring 2021)
Kaitlyn Holden (Ph.D. Committee, EEOB Iowa State University, Spring 2015 – Spring 2020)
Kendall Stelwagen (MS, SHSU Dietetics, Summer 2013 – Fall 2013, Completed degree)

SCIENTIFIC ACTIVITIES

2023 – present: **Associate Editor**, *Frontiers in Genetics*, *Genetics of Aging*
2022 – present: **Editorial Board Member**, *Aging Pathobiology and Therapeutics*
2022 – 2023: **Review Editor**, *Frontiers in Genetics*, *Genetics of Aging*
2020 – present: **Editorial Board Member**, *Current Aging Science*
2020 – present: **Editorial Board Member**, *International Journal of Molecular Sciences*
2019 – present: **Associate Editor**, *Frontiers in Endocrinology*, *Endocrinology of Aging*
2018 – present: **Editorial Board Member**, *Journal of Gerontology Biological and Medical Sciences*
2017 – present: **CoSET Advisory Committee**, SHSU STEM Center
2015 – 2019: **Review Editor**, *Frontiers in Endocrinology*, *Endocrinology of Aging*
2007 – 2012: **Editorial Advisory Board Member**, *Open Geriatric Medicine Journal*
2010 – 2011: **Guest Editor**, *Journal of Aging Research* special issue on Hormones and Longevity
2009 – 2011: **Member**, Gerontological Society of America Section of Biological Sciences Fellowship Committee
2008 – 2010: **Symposium Organizer**, Division of Comparative Physiology and Biochemistry - “*Metabolism, Life History and Aging*”, 2010 Society for Integrative and Comparative Biology Annual Meeting, Seattle WA.
2008: **Invited Participant**, UTHSCSA Comparative Biology of Aging Workshop, March 6th – 8th.
Participant, National Institutes on Aging, “Workshop on Factors in Youth that Protect Against the Aging Process”, May 22nd – May 24th.
2006: **Junior Faculty Participant**, University of Michigan Pepper Center Annual Retreat, May 31st – June 1st.
2001 – 2004: **Scientific Advisory Board Assistant**, The American Association for the Advancement of Science – Science of Aging Knowledge Environment (<http://sageke.sciencemag.org>).

Panel/Ad hoc Review: Granting Agencies

National Science Foundation (DEB, IOS)
French National Research Agency (ANR)

Deutsche Forschungsgemeinschaft (German Research Foundation)
Research Into Aging (London)
Leverhulme Trust (UK)
UAB Nathan Shock Center

Journals

More than 40 unique journals covering aging biology as well as the comparative and integrative physiology and biochemistry of diverse species.

SERVICE ACTIVITIES

- 2022 – present: **Coordinator**, UTHSCSA DEAP at Sam Houston State University
- 2019 – present: **Member**, Institutional Biohazard Committee (IBC), Sam Houston State University
- 2013 – present: **Member**, Institutional Animal Care and Use Committee (IACUC), Sam Houston State University
- 2016 – present: **Member**, Medical and Dental School Evaluation Committee (MDSEC), Sam Houston State University
- 2023: **Student Poster Judge**, Society of Integrative and Comparative Biology 2023 Annual Meeting
- 2021 – 2022: **Mentor**, Sam Houston State University Pathfinder Scholar Program
- 2021: **Session Chair, Evolutionary Physiology**, Society of Integrative and Comparative Biology 2021 Annual Meeting
Student Poster & Presentation Judge, Society of Integrative and Comparative Biology 2021 Annual Meeting
Student Poster & Presentation Judge, Texas Academy of Science 2021 Annual Meeting
- 2020: **Instructor**, Sam Houston State University First Year Learning Experience, Fall 2020
Section Chair, Cellular and Molecular Biology, Texas Academy of Science 2020 Annual Meeting
Student Poster & Presentation Judge, Texas Academy of Science 2020 Annual Meeting
- 2019: **Section co-Chair, Cellular and Molecular Biology**, Texas Academy of Science Annual Meeting, March 1 – 2
Student Poster & Presentation Judge, Texas Academy of Science Annual Meeting, March 1 – 2
- 2018: **Panel Member**, Biomedical Sciences Discussion Panel, Houston Hispanic Forum 32nd Annual Career and Education Day, February 10
Student Poster & Presentation Judge, Texas Academy of Science Annual Meeting, March 2 – 4
- 2017: **Panel Member**, Biomedical Sciences Discussion Panel, Houston Hispanic Forum 31st Annual Career and Education Day, February 18
Student Poster Judge, Texas Academy of Science Annual Meeting, March 3 – 5
Student Presentation Judge, Tri-Beta South Central Region Annual Meeting, March 30 – April 2
- 2016: **Panel Member**, Biomedical Sciences Discussion Panel, Houston Hispanic Forum 30th Annual Career and Education Day, February 13
Student Poster Judge, CMB Section, Texas Academy of Science Annual Meeting, March 4 - 6
Student Presentation Judge, 2 session, Texas Academy of Science Annual Meeting, March 4 - 6
- 2014: **Reviewer**, Chapters 1 and 4 “The Core,” Pearson Publishing
- 2013: **Reviewer**, Chapters 3 and 9 “Biology for the Informed Citizen,” Oxford University Press
Student Poster Judge, American Aging Association 2013 Annual Meeting, May 30 – June 1
- 2010: **Student Presentation Judge**, Division of Comparative Physiology and Biochemistry, SICB 2010 Annual Meeting, January 3–7
- 2007: **Faculty Mentor**, University Mentorship Program, University of Michigan Office of New Student Programs.
- 1999: **Graduate representative**, 5th Year Tenure Review Committee (R. Frank Rosenzweig), Department of Biological Sciences, University of Idaho
Graduate representative, 3rd Year Tenure Review Committee (John Sullivan), Department of Biological Sciences, University of Idaho
- 1994: **Undergraduate representative**, External Departmental Review Committee, Department of Biological Sciences, SUNY Geneseo
- 1993 – 1994: **Tutor**, Biology and Chemistry, SUNY Geneseo Equal Opportunity Program

HONORS & AWARDS

- 2022: **Graduate**, Sam Houston State University High Potential Employee Leadership Academy
- 2011: **Fellow**, Gerontological Society of America
- 2009: **Symposium Support Grant (\$10,342**, with A. Bronikowski), National Science Foundation (ISO-0935941) for “*Metabolism, Life History and Aging*” symposium at the SICB 2010 Annual Meeting
Symposium Support Grant (\$6,072), The Ellison Medical Foundation (AG-CW-0299-09) for “*Metabolism, Life History and Aging*” symposium at the SICB 2010 Annual Meeting
Symposium Support Award (\$500), Division of Evolution and Ecology, Society for Integrative and Comparative Biology, 2010 Annual Meeting

- Featured** in *25 Ideas for Life Extension*, the Science for Life Extension Foundation
- 2008: **Symposium Support Award (\$1,500)**, Division of Comparative Physiology and Biochemistry, Society for Integrative and Comparative Biology, 2010 Annual Meeting
Symposium Support Grant (\$2,500), American Federation for Aging Research/Glenn Foundation for Medical Research for “Metabolism, Life History and Aging” symposium at the SICB 2010 Annual Meeting
- 2004: **Recipient**, American Aging Association Travel Award, 33rd Annual Meeting of the American Aging Association
- 2003: **Postdoctoral Fellowship**, National Institute on Aging Multidisciplinary Research Training in Aging Grant (T32AG000114-15)
- 2002: **Recipient**, Buck Institute Scholarship, Workshop and Symposium on “Neuroendocrine Systems and Lifespan Determination”
- 2001: **Postdoctoral Fellowship**, National Institute on Aging Multidisciplinary Research Training in Aging Grant (T32AG000114-15)
- 2000: **Postdoctoral Fellowship**, National Institute on Aging Multidisciplinary Research Training in Aging Grant (T32AG000114-15)
Recipient, Claude Pepper Older Americans Independence Center, Core Facility for Aged Rodents research award, *Hormone profiles for B6D2F1 mice*
Recipient, Travel Award, “Symposium on Organisms with Slow Aging”, The Andrus Gerontology Center, University of Southern California
Course Participant, *The Ellison Medical Foundation’s Molecular Biology of Aging Summer Course*
- 1994: **Recipient**, Outstanding Undergraduate Poster Presentation, SUNY Geneseo Undergraduate Research Seminar
Nominee, Mark J. Diamond Award for Outstanding Undergraduate Research, Department of Biology, SUNY Geneseo
Recipient, Geneseo Foundation Undergraduate Research Grant
- 1990: **Recipient**, New York State Regents Scholarship

INVITED PRESENTATIONS

- 2018: 9th European Workshop on Equine Nutrition, Uppsala, Sweden, August 16 - 18
- 2017: Department of Biology, University of Texas at Tyler, Tyler, TX. September 22nd
Department of Biology, University of Alabama Birmingham, Birmingham, AL. March 1st
- 2014: The Rank Prize Funds, Mini-Symposium on Oxidative Stress, Cumbria, UK. April 30th
- 2012: Department of Biology, University of Florida, Gainesville, FL, USA. March 27th
Department of Biology, Sam Houston State University, Huntsville, TX, USA. March 20th
School of Biological Sciences, Louisiana Tech University, Ruston, LA, USA. March 12th
Department of Biological Sciences, Central Michigan University, Mt. Pleasant, MI, USA. February 9th
- 2011: Nathan Shock Center Conference on Aging, University of Texas Health Science Center, San Antonio, TX, USA. October 14th
Department of Biological Sciences, Wayne State University, Detroit, MI, USA. February 5th
- 2010: Department of Zoology and Physiology, University of Wyoming, Laramie, WY. November 18th
Department of Biology, State University of New York at Fredonia, Fredonia, NY. November 4th
The Jackson Laboratory, Bar Harbor, ME, USA. September 10th
Department of Physiology, Wayne State University School of Medicine, Detroit, MI, USA. April 20th
- 2009: Biogerontology Seminar Series, Division of Geriatric Medicine, University of Michigan, Ann Arbor, MI, USA. December 8th
Department of Biological Sciences, Western Michigan University, Kalamazoo, MI, USA. January 20th
Department of Biological Sciences, City College of New York, New York, NY, USA. April 20th
- 2008: Department of Evolution, Ecology and Organismal Biology, Ohio State University, Columbus, OH, USA. October 28th
Geriatrics Center, University of Michigan School of Medicine, Ann Arbor, MI, USA. April 18th
Department of Biology, Shippensburg State University, Shippensburg, PA, USA. February 29th
Section of Molecular Medicine, Wake Forest University School of Medicine, Winston-Salem, NC, USA. January, 23rd
- 2007: Department of Biological Sciences, Boise State University, Boise, ID, USA. February 9th
Department of Biological Sciences, Duquesne University, Pittsburgh, PA, USA. February 16th
Division of Geriatric Medicine, University of Michigan School of Medicine, Ann Arbor, MI, USA. March 22nd
Department of Biology, Texas Christian University, Fort Worth, TX, USA. November 5th
- 2004: Harlan Continuing Education Conference, *Rodents and The Science of Aging*, Madison, WI, USA. July 26th – 28th
Department of Pathology, University of Michigan, Ann Arbor, MI, USA. March 1st
University of Michigan Annual Immunology Retreat, Ann Arbor, MI, May 10th
- 2003: Department of Biology, University of Evansville, Evansville, IN, USA. February 19th
- 2002: American Aging Association Annual Meeting, June 8th
Department of Biology, State University of New York at Geneseo, Geneseo, NY, USA. April 5th
- 2001: Unit for Laboratory Animal Medicine, University of Michigan, Ann Arbor, MI. October 8th
- 2000: Department of Biological Sciences, University of Idaho, Moscow, ID. April 28th
- 1999: Department of Physiology, University of Texas Health Science Center, San Antonio, TX, USA. October 22nd
- 1995: Deaconess Research Institute, Billings, MT, USA. August 15th

OTHER PRESENTATIONS (Underline Denotes SHSU Student Co-authors)

- 2024: **Poster**, Lannom, M., **Harper, J.**, Lynne, A., Ulseth, A. Texas Academy of Science Annual Meeting, Odessa, TX. March 1 – 2.
- 2023: **Oral Presentation**, McAdams, T., Williams, B., Harper, J.M. Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Badwan, S., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Angus, L., Hu, K., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Willy, K-A., L. Hu, K., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Hays, E., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Bailey, E., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Champagne, R., Goodspeed, D., **Harper, J.M.** Texas Academy of Science Annual Meeting, San Angelo, TX. March 2 – 3.
- Poster**, Badwan, S., **Harper, J.M.** Society for Integrative and Comparative Biology Annual Meeting, Austin TX. January 3 – 7. P2-039.
- Poster** Bailey, E., Badwan, S., Abril, J., Gaviria, M., **Harper, J.** Society for Integrative and Comparative Biology Annual Meeting, Austin TX. January 3 – 7. P2-038.
- Poster**, Caballero, C., **Harper, J.M.** Society for Integrative and Comparative Biology Annual Meeting, Austin TX. January 3 – 7. P1-062.
- 2022: **Poster**, Bailey, E., Badwan, S., Abril, J., Gaviria, M., **Harper, J.**, American Physiological Society, Comparative Physiology: From Organisms to Omics in an Uncertain World, October 28 – 31, San Diego, CA.
- 2021: **Oral Presentation**, Zia, L., **Harper, J.M.** Texas Academy of Science Annual Meeting, February 26 – 27
- 2019: **Oral Presentation**, Alexander, M., **Harper J.M.** Texas Academy of Science Annual Meeting, March 1 – 2
- 2018: **Oral Presentation**, Boisvert, D., Cooke, E., Connolly, E., Gyeongseok, J.O., Armstrong, T., Kavish, N., Lewis, R., Woeckner, M., Wells, J., **Harper, J.**, 2018 Annual Meeting of the American Society of Criminology (ASC), November 14 – 17. Panel Session.
- 2017: **Poster**, Ly, L., SHSU Undergraduate Research Symposium, April 29th.
- Oral Presentation**, Davis, K., Texas Academy of Science Annual Meeting, March 2 – 5.
- Oral Presentation**, Lollar, D., Texas Academy of Science Annual Meeting, March 2 – 5.
- 2016: **Poster**, Fowler, J., **Harper, J.M.** UTSA 2016 Research Conference, October 7. No. 315
- Poster**, Davis, K., **Harper, J.M.** UTSA 2016 Research Conference, October 7. No. 311
- Poster**, Horn, G., Bonner, M., **Harper, J.M.** Beta Beta Beta South Central Regional Convention, April 1 – 3.
- Poster**, Lee, J., **Harper, J.M.** Beta Beta Beta South Central Regional Convention, April 1 – 3.
- Poster**, Alper, S.J., **Harper, J.M.** Texas Academy of Science Annual Meeting, March 4 – 6.
- 2015: **Poster**, Davis, K., **Harper, J.M.** SHSU Undergraduate Research Symposium, April 25th.
- 2014: **Poster**, Davis, K., **Harper, J.M.** ASM Texas Branch 2014 Fall Meeting, November 6 - 8. No. UP5
- Poster**, Alper, S.J., **Harper, J.M.** UTSA College of Sciences Research Conference 2014. October 3rd. No. 21
- 2013: **Poster**, Calhoon, E.A., Jimenez, A.G., **Harper, J.M.**, Jurkowitz, M.S., Williams, J.B. Society of Integrative and Comparative Biology 2013 Annual Meeting. No. 48.4
- 2012: **Poster**, E.A. Calhoon, **J.M. Harper**, A.G. Jimenez, R.A. Miller, M.S. Jurkowitz, J.B. Williams, Society for Integrative and Comparative Biology 2012 Annual Meeting, January 3 – 7
- 2011: **Poster**, **J.M. Harper**, J.B. Williams, R.A. Miller. 40th Annual Meeting of the American Aging Association, June 3 – 6
- Poster**, **J.M. Harper**, J.B. Williams, R.A. Miller. Nathan Shock Center Annual Symposium, University of Michigan, April 27
- 2009: **Poster**, **J.M. Harper**, R.A. Miller. University of Michigan Geriatrics Center Aging Symposium, April 8
- Poster**, **J.M. Harper**, J.B. Williams, R.A. Miller. University of Michigan Geriatrics Center Aging Symposium, April 8.
- Poster**, **J.M. Harper** and R.A. Miller. 38th Annual Meeting of the American Aging Association, May 29 – June 1
- Poster**, **J.M. Harper**, K.T. Koelzer, J. Ro, J.B. Williams, R.A. Miller. 38th Annual Meeting of the American Aging Association Annual Meeting, May 29 -June 1
- 2008: **Poster**, A.B. Salmon, **J.M. Harper**, S.F. Leiser, R. Buffenstein, A.J. Galecki, R.A. Miller. San Antonio Comparative Biology of Aging Workshop, March 6-8
- Poster**, **J.M. Harper**, B. Rosen, and R.A. Miller. Pepper Older Americans Independence Center Annual Meeting, April 14-15
- 2007: **Poster**, A.B. Salmon, **J.M. Harper**, S.F. Leiser, R. Buffenstein, A.J. Galecki, R.A. Miller. Nathan Shock Center Annual Symposium, University of Michigan, April 4
- Poster**, **J.M. Harper**, M.C. Burns, A.B. Salmon, R.A. Miller. Nathan Shock Center Annual Symposium, Univ of Michigan, April 4
- Poster**, **J.M. Harper**, M.C. Burns, A.B. Salmon, R.A. Miller. AFAR Grantee Conference, October 1-2
- Poster**, W.R. Swindell, **J.M. Harper**, R.A. Miller. Univ of Michigan Pathology Research Symposium, Ann Arbor, MI, USA. November 9
- 2006: **Poster**, **J.M. Harper**, A.B. Salmon, Y. Chang, M. Bonkowski, A. Bartke, R.A. Miller. Nathan Shock Center Annual Symposium, University of Michigan, April 6
- Poster**, M.M. Masternak, **J.M. Harper**, A.B. Salmon, F. Wang, J.A. Panici, R.A. Miller, A. Bartke. San Antonio Nathan Shock Center Conference on Aging, October 12-15

- Poster**, A.B. Salmon, **J.M. Harper**, S.F. Leiser, R. Buffenstein, A.J. Galecki, R.A. Miller. University of Michigan Pathology Research Symposium, November 10
- 2005: **Poster, J.M. Harper**, S.J. Durkee, R.A. Miller. Experimental Biology, April 1–6
- 2004: **Poster, J.M. Harper**, D.T. Burke, A.T. Galecki, R.A. Miller. University of Michigan Institute of Gerontology & Wayne State University Institute of Gerontology Annual Symposium, Ann Arbor, April 7
- Poster, J.M. Harper**, S.N. Austad, R.A. Miller, R.C. Dysko. American Aging Association Annual Meeting, June 4–7
- Poster, J.M. Harper**, S.J. Durkee, R.A. Miller. Univ of Michigan Annual Pathology Research Symposium, November 5th
- 2002: **Poster, J.M. Harper**, S.D. Surkee, R.A. Miller. University of Michigan Institute of Gerontology & Wayne State University Institute of Gerontology Annual Symposium, April 11
- 2001: **Poster, J.M. Harper**, R.A. Miller. University of Michigan Institute of Gerontology Annual Trainee Poster Session, April 10th
- 2000: **Poster**, V. Hayssen, **J.M. Harper**, R. DeFina. Annual Meeting of the American Society of Mammalogists, June 17–21
- 1999: **Poster, J.M. Harper**, S.N. Austad. Annual Meeting of the American Society of Mammalogists, June 20–24

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Phi Sigma Society
 American Physiological Society
 Society for Integrative and Comparative Biology
 Texas Academy of Sciences

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