

Taichi A. Suzuki

Assistant Professor
Arizona State University
College of Health Solutions & Biodesign Center for Health Through Microbiomes
Biodesign Institute B230C , 727 E Tyler St, Tempe, AZ 85281, USA
Phone:+1 480-651-6224 Email: taichi.suzuki@asu.edu
Personal website: <http://www.taichilab.org/> Google scholar profile: <https://bit.ly/2URpLZx>

EDUCATION

- 2018 - 2022** **Postdoctoral Research Associate, Microbiome Sciences**
Max Planck Institute for Developmental Biology, Germany
Advisor: Ruth Ley
- 2013 - 2018** **Ph.D., Integrative Biology**
University of California Berkeley, CA, USA
Advisor: Michael Nachman
Thesis title: Ecology and evolution of the mammalian gut microbiota
- 2011 - 2013** **Ph.D. student, Ecology and Evolutionary Biology**
The University of Arizona, AZ, USA
Advisor: Michael Nachman
- 2009 - 2011** **M.S., Ecology and Evolutionary Biology**
The University of Arizona, AZ, USA
Advisor: Michael Nachman
Thesis title: Speciation and reduced hybrid female fertility in house mice
- 2005 - 2009** **B.S., Animal Science and Resources**
Nihon University, Kanagawa, Japan
Advisor: Masahiro Iwasa
Thesis title: A cross-experimental analysis of coat color variations and morphological characteristics of Japanese wild mouse, *Mus musculus*

APPOINTMENTS

- 2023 - present** **Assistant Professor.** College of Health Solutions and Biodesign Center for Health Through Microbiomes, Arizona State University, AZ, USA.

Graduate Faculty. Biological Design Graduate Program, School for Engineering of Matter, Transport and Energy, Arizona State University, USA.
- 2018 - 2022** **Postdoctoral Research Associate.** Department of Microbiome Sciences, Max Planck Institute for Developmental Biology, Germany.
- 2015 – 2018** **Graduate Student Instructor.** Department of Integrative Biology, UC Berkeley, CA, USA.

- 2015** **Jerry O. Wolff Fellow.** Museum of Vertebrate Zoology, UC Berkeley, CA, USA.
- 2014** **Curatorial Assistant.** Museum of Vertebrate Zoology, UC Berkeley, CA, USA.
- 2013 - 2014** **Graduate Student Instructor.** Department of Integrative Biology, UC Berkeley, CA, USA.
- 2011 - 2013** **Teaching Assistant.** Department of Ecology and Evolutionary Biology, The University of Arizona, AZ, USA.

GRANTS AND FELLOWSHIPS

- 2023** PI: NIH, R35 (\$1,924,131), Evolutionary mismatch of host-microbial genomes in mammalian biology (*submitted*)
- PI: Pew Biomedical Scholars (\$324,000), Evolutionary mismatch of host-microbial genomes and chronic inflammation (*submitted*)
- Co-I: NIH, DP5 (\$1,918,677), A system to predict emerging infectious diseases (SPEID), PI: Angel Fernandez (*submitted*)
- Co-I: Arizona Biomedical Research Center (\$225,000), Effects of prebiotic-supplemented diets on fracture healing, PI: Joseph Roberts (*submitted*)
- 2017** Louise Kellogg Fund (\$1,500), Museum of Vertebrate Zoology, UC Berkeley
- 2016** Graduate Division Summer Grant (\$3,500), Graduate Division, UC Berkeley
- Wilhelm L. F. Martens Fund (\$1,500), Museum of Vertebrate Zoology, UC Berkeley
- 2015** Doctorate Dissertation Improvement Grants (\$20,330), National Science Foundation
- Jerry O. Wolff Fellowship (\$11,000), Museum of Vertebrate Zoology, UC Berkeley
- Karl Koford Fund (\$2,000), Museum of Vertebrate Zoology, UC Berkeley
- 2014** Graduate Dean's Summer Research Grant (\$4,000), Graduate Division, UC Berkeley
- Louise Kellogg Fund (\$1,500), Museum of Vertebrate Zoology, UC Berkeley
- Leeper Fund (\$1,700), Department of Integrative Biology, UC Berkeley
- 2013** Young Explorers grant (\$5,000), National Geographic Society

Grant-in-Aid of Research (\$900), Sigma Xi

2012 Galileo Circle Scholar (\$1,000), College of Science, The University of Arizona

HONORS AND AWARDS

2023 Nominated, Pew Biomedical Scholars, Arizona State University

2016 Outstanding Graduate Student Instructor Award, Teaching and Resource Center, UC Berkeley
Graduate Division Conference Travel award (\$1,500), Graduate Division UC Berkeley
ASM Student/Postdoc travel award (\$500), American Society of Microbiology
MVZ travel award (\$500), Museum of Vertebrate Zoology, UC Berkeley
GRAC travel award (\$250), Department of Integrative Biology, UC Berkeley

2015 Research highlighted as a chapter opener in a textbook, *Microbiology: Principles and Explorations*, Ninth Edition, Black and Black. Jon Wiley & Sons (p. 690)
Nominated, International Student Research Fellowship, Howard Hughes Medical Institute.
Graduate Division Conference Travel award (\$1,500), Graduate Division UC Berkeley
GRAC travel award (\$250), Department of Integrative Biology, UC Berkeley

2014 MVZ travel award (\$500), Museum of Vertebrate Zoology, UC Berkeley
GRAC travel award (\$250), Department of Integrative Biology, UC Berkeley

PUBLICATIONS

Peer-reviewed

2023 20. T. Akbuga-Schoen, T.A. Suzuki, D.L. Vu, D. Jakob, J.L. Waters, R.E. Ley. 2023. The keystone gut species *Christensenella minuta* boosts gut microbial biomass and voluntary physical activity in mice. *mBio* e0283623.

(preprint) B.L. Dumont, D. Gatti, M.A. Ballinger, D. Lin, M. Phifer-Rixey, M.J. Sheehan, T.A. Suzuki, L.K. Wooldridge, H.O. Frempong, G. Churchill, C. Lutz, N. Rosenthal, J.K. White, M.W. Nachman. 2023. Into the Wild: A novel wild-derived inbred strain resource expands the genomic and phenotypic diversity of laboratory mouse models. *bioRxiv* 2023.09.21.558738; doi: <https://doi.org/10.1101/2023.09.21.558738>

2022 19. Suzuki, T.A.*, J.L. Fitzstevens*, V.T. Schmidt, H. Enav, K. Huus, M. Mbong, A. Griebhammer, A. Pfeleiderer, B.R. Adegbite, J.F. Zinsou, M. Esen, T.P. Velavan, A.A. Adegnika, L.H. Song, T.D. Spector, A.L. Muehlbauer, N. Marchi, H. Kang, L. Maier, R. Blekman, L. Ségurel, G. Ko, N.D. Youngblut, P. Kremsner, R. E. Ley. 2022. Codiversification of gut microbiota with humans. *Science* 377:1328-1332. doi: 10.1126/science.abm7759 *co-first

Perspective: A.H. Moeller. 2022. Loyal gut microbes. *Science* 377: 1263-1267. doi: 10.1126/science.ade2879

18. **Suzuki, T.A.** and R. A. Ley. “Microbes set the (woodrat) menu: host genetics control diet-specific gut microbes” 2022. *Proceedings of the National Academy of Sciences of the U.S.A.* 119(2): e2120125118. (Commentary)
- 2021 (preprint) **Suzuki, T.A.***, L. Fitzstevens*, V.T. Schmidt, H. Enav, K. Huus, M. Mbong, B.R. Adegbite, J.F. Zinsou, M. Esen, T.P. Velavan, A.A. Adegnika, L.H. Song, T.D. Spector, A.L. Muehlbauer, N. Marchi, R. Blekhman, L. Ségurel, N.D. Youngblut, P. Kremsner, R. E. Ley. 2021. Codiversification of gut microbiota with humans. *bioRxiv* <https://doi.org/10.1101/2021.10.12.46297> *co-first
17. Beckman, E.J., F. Martins, **T.A. Suzuki**, K. Bi, S. Keeble, J. Good, A. Chavez, M. Ballinger, K. Agwamba, M.W. Nachman. 2021. The genomic basis of high-elevation adaptation in wild house mice (*Mus musculus domesticus*) from South America. *Genetics* iyab226.
16. Ferris, K.G., A.S. Chavez, **T.A. Suzuki**, E.J. Beckman, M. Phifer-Rixey, K. Bi, M.W. Nachman. 2021. The genomics of rapid climatic adaptation and parallel evolution in North American house mice. *PLoS Genetics* 17: e1009495.
- 2020 15. **Suzuki, T.A.** and R.E. Ley. 2020. The role of the microbiota in human genetic adaptation. *Science* 370(6521): eaaz6827.
14. **Suzuki, T.A.**, F.M. Martins, M. Phifer-Rixey, and M.W. Nachman. 2020. The gut microbiota and Bergmann’s rule in wild house mice. *Molecular Ecology* 29:2300-2311.
- 2019 13. **Suzuki, T.A.**, M. Phifer-Rixey, K.L. Mack, M.J. Sheehan, D. Lin, K. Bi, and M.W. Nachman. 2019. Host genetic determinants of the gut microbiota of wild mice. *Molecular Ecology* 13: 3197-3207. (F1000 recommended)
- 2018 12. **Suzuki, T.A.**, F.M. Martins, and M.W. Nachman. 2018. Altitudinal variation of the gut microbiota in wild house mice. *Molecular Ecology* 28: 2378-2390.
Featured in News and Views: Mazel F. 2019. Living the high life: Could gut microbiota matter for adaptation to high altitude? *Molecular Ecology* 28: 2119-2121.
11. Moeller, A.H., **T.A. Suzuki**, M. Phifer-Rixey, and M.W. Nachman. 2018. Transmission mode is associated with virulence in the mammalian gut microbiota. *Science* 362(6413): 453-457. (F1000 recommended)
10. Phifer-Rixey, M., K. Bi, K.G. Ferris, M.J. Sheehan, D. Lin, K. Mack, S.M. Keeble, **T.A. Suzuki**, J.M. Good, and M.W. Nachman. 2018. The genomic basis of environmental adaptation in house mice. *PLoS genetics* 14(9): e1007672
9. Iwasa, M.A., Kawamura S., Myoshu H., and **T.A. Suzuki**. 2018. Molecular analyses of the agouti allele in the Japanese house mouse identify a novel variant of agouti gene. *Genome* 61(3): 195-200.

- 2017** 8. Moeller, A.H., **T.A. Suzuki**, D. Lin, E.A. Lacey, S.K. Wasser, and M.W. Nachman. 2017. Dispersal limitation drives the diversification of the mammalian gut microbiota. *Proceedings of the National Academy of Sciences of the U.S.A.* 114 (52), 13768-13773.
7. **Suzuki, T.A.** 2017. Links between natural variation in the microbiome and host fitness in wild mammals. *Integrative and Comparative Biology*. 57(4): 756-69.
- 2016** 6. **Suzuki, T.A.** and M.W. Nachman. 2016. Spatial heterogeneity of gut microbial composition along the gastrointestinal tract in natural populations of house mice. *PLOS ONE* 11(9): e0163720.
5. Weyand, N.J., M. Ma, M. Phifer-Rixey, N.A. Taku, M.A. Rendón, A.M. Hockenberry, W.J. Kim, A.B. Agellon, N. Biais, **T.A. Suzuki**, L.G. Sait, O.B. Harrison, H.B. Bratcher, M.W. Nachman, M.C. J. Maiden, and M. So. 2016. Isolation and characterization of a new species of *Neisseria*, *Neisseria musculi*, from the wild house mouse. *International Journal of Systematic and Evolutionary Microbiology*. 66: 3585-3593.
- 2015** 4. **Suzuki, T.A.** and M.W. Nachman. 2015. Speciation and hybrid female fertility in house mice. *Evolution* 69(9): 2468-81.
3. Kandori I., K. Tsuchihara, **T.A. Suzuki**, T. Yokoi, D.R. Papaj. 2015. Long Frontal Projections Help *Battus philenor* (Lepidoptera: Papilionidae) Larvae Find Host Plants. *PLOS ONE* 10(7): e0131596.
- 2014** 2. **Suzuki, T.A.** and M. Worobey. 2014. Geographical variation of gut microbial composition in humans. *Biology Letters*. 10(2): 20131037.
 Research highlighted in University press (selected): UC Berkeley news center (UC Berkeley <https://bit.ly/3AasTQn>), UA News (University of Arizona <https://bit.ly/3xbp6R6>), etc.
 Research highlighted in domestic and international media (selected): The Daily Californian (<https://bit.ly/3AaGC9I>), Daily Mail (<https://bit.ly/3qzfNHT>), io9 (<https://bit.ly/3qw6gS4>), etc.
- 2013** 1. **Suzuki, T.A.** and M. A. Iwasa. 2013. A cross-experimental analysis of coat color variations and morphological characteristics of the Japanese wild mouse, *Mus musculus*. *Experimental Animals* 62(1): 25-34. (Journal cover photo)

Non-peer reviewed

- 2023** **Suzuki, T.A.** 2023. 疾病予防や治療につながる共多様化した菌種の探索. *Healthist* 47(6): p 6-9. ISSN 0389-6781 (Japanese): <https://healthist.net/issue/282/>
- Suzuki, T.A.** 2023. ヒトと共に進化した腸内微生物. *Experimental Medicine* 41(4): 573-576. DOI: 10.18958/7195-00003-0000432-00 (Japanese)
<https://www.yodosha.co.jp/jikkenigaku/articles/index.html?ci=43200>

- Suzuki, T.A.** 2023. ヒトと腸内微生物の共多様化. Japanese Scientists in Science 2022. 2023: p37 (Japanese) <https://note.asca-co.com/n/n8c088de2cd20>
- 2019** Moeller A., **T.A. Suzuki**, M. Phifer-Rixey, M.N. Nachman 2019. 哺乳類の腸内微生物叢の伝搬経路 Japanese Scientists in Science 2018. 2019: p63 (Japanese) https://www.asca-co.com/company/pdf_japanese_scientists/Science_2018.pdf

INVITED TALKS

- 2023** **Suzuki, T.A.** Evolutionary mismatch of host-microbial genomes in mammalian biology. Bidesign Chalk Talk, Arizona State University, Tempe, Arizona. (Hosted by Marco Mangone)
- Suzuki, T.A.** Ecology and Evolution of host-microbial interactions. 7 mins of Science, Bidesign Town Hall meeting, Arizona State University, Tempe, Arizona. (Hosted by Josh LaBear)
- Suzuki, T.A.** The evolution of the human gut microbiota. Symposium at the 21st Awaji International Forum on Infection and Immunity, Karuizawa, Japan (Hosted by Cevayir Coban and Ken Ishii)
- Suzuki, T.A.** Evolution of the human microbiome. Translational Research Club seminar, Arizona State University, Phoenix, Arizona (Hosted by Kaylie Miller)
- Suzuki, T.A.** Ecology and evolution of host-microbial interactions in human and wild mice. Bidesign seminar, Arizona State University, Tempe, Arizona (Hosted by Rosa Krajmalnik-Brown)
- 2022** **Suzuki, T.A.**, Codiversification of gut microbiota with humans. Keystone symposia. The Human Microbiome: Ecology and Evolution. Banff, Alberta, Canada (Hosted by Ruth Ley, Alejandro Reyes, and Jessica Metcalf)
- Suzuki, T.A.**, Codiversification of gut microbiota with humans. Symposium at Center for Genome Sciences, National Autonomous University of Mexico, Morelos, Mexico (Hosted by Christian Sohlenkamp, original invitation to Ruth Ley) <https://youtu.be/E8vqCvxbn5U>
- Suzuki, T.A.**, Ecology and evolution of host-microbial interactions in complex systems. Job talk, College of Health Solutions and Bidesign Center for Health Through Microbiomes. Arizona State University. (Hosted by the search committees)
- Suzuki, T.A.**, Ecology and evolution of host-microbial interactions in complex systems. Job talk, Department of Biology, Boston University. Online talk. (Hosted by the search committees)
- 2021** **Suzuki, T.A.**, Ecology and evolution of host-microbial interactions in humans and wild mice. Distinguished Seminar Speaker Series, Max Planck Institute for Developmental Biology and Friedrich Miescher Laboratory, Germany, in person/online talk (Hosted by committees of the seminar).

- Suzuki, T.A.**, Ecology and evolution of host-microbial interactions in humans and wild mice. Milner Centre for Evolution seminar, University of Bath, UK, online talk (Hosted by Hans-Wilhelm Nuetzmann and Leslie Turner)
- Suzuki, T.A.**, Codiversification of gut microbiota with humans. Institute for Systems Biology symposium, Seattle, U.S.A., online talk (Hosted by Sean Gibbons and committees of Institute for Systems Biology) <https://youtu.be/u12G6tSLpjY>
- Suzuki, T.A.**, The ecology and evolution of host-microbial interactions in mammals. Center for Ecological Research Seminar, Kyoto University, Japan. online talk (Hosted by Atsushi Yamauchi)
- Suzuki, T.A.**, The role of microbiome in host evolution: codiversified microbes in humans and artificial selection on the mouse microbiome. Microbiome seminar, The University of Oxford, UK, online talk. (Hosted by Sarah Knowles)
- 2020 Suzuki, T.A.** Codiversification of gut microbiota with humans. The 43rd Annual Meeting of the Molecular Biology Society of Japan. In the symposium “Evolution of gut microbiota in animals: Host-microbe interactions and mechanisms”, online talk. (Hosted by Takane Katayama and Takashi Hayakawa)
- 2019 Suzuki, T.A.** Ecology and Evolution of wild mouse gut microbiota. Diko talk, Max Planck Institute of Developmental Biology, Tuebingen, Germany. (Hosted by Ruth Ley)
- 2017 Suzuki, T.A.** Interplay between host genetics and the gut microbiome in wild mice. Center of Population Biology Seminar, University of California Davis. Davis, California, U.S.A. (Hosted by Kathleen Ferris)
- Suzuki, T.A.**, M. Phifer-Rixey, K.G. Ferris, A. Chavez, Michael J. Sheehan, Ting-Ting Lin, and M.W. Nachman. Associating host genomic variation with gut microbial variation in wild house mice. Symposium: Genomic approaches to consequential questions in mammalogy, American Society of Mammalogists. Moscow, Idaho, U.S.A. (Hosted by Caleb Phillips and John Hanson)
- Suzuki, T.A.**, M. Phifer-Rixey, K.G. Ferris, A. Chavez, F.M. Martins, and M.W. Nachman. Gut microbiome and Bergmann’s rule in natural populations of house mice. Symposium: With a little help from my friends: microbial partners in integrative and comparative biology, Society for Integrative and Comparative Biology. New Orleans, Louisiana, U.S.A. (Hosted by Kevin Kohl and Denise Dearing)
- 2016 Suzuki, T.A.**, M. Phifer-Rixey, K.G. Ferris, A. Chavez, M.W. Nachman. Ecology and evolution of gut microbial communities in natural populations of house mice. Animal Ecology Guest Seminar, Kyoto University, Japan. (Hosted by Masaki Hosono)
- Suzuki, T.A.**, M. Phifer-Rixey, K.G. Ferris, A. Chavez, M.W. Nachman. Associating host genomic variation with gut microbial diversity in wild house mice. Symposium: the evolution of species interactions. Society for the Study of Evolution, ASN spotlight, Austin, Texas U.S.A. (Hosted by Jesse Lasky)

- 2015 Suzuki, T.A.** Gut microbial ecology in wild house mice. UCB-NTU Junior Scientist Symposium on Microbial Ecology, Genomics and Metagenomics. National Taiwan University, Taiwan. (Hosted by Alex Yu)
- Suzuki, T.A.** Ecology and evolution of gut microbial communities in natural populations of house mice. Nihon University, Japan. (Hosted by Masahiro Iwasa)
- Suzuki, T.A.** Ecology and evolution of gut microbial communities in natural populations of house mice. SY special seminar, Tokyo University, Japan. (Hosted by Takehito Yoshida)
- Suzuki, T.A.,** F.M. Martins, M. Phifer-Rixey, Y. Zhang, W. Taylor, M.W. Nachman. Clinal variation of gut microbial composition in natural populations of house mice across the Americas. 5th Annual Yosemite Symbiosis Workshop, Wawona, California, U.S.A. (Hosted by Joel Sachs)

PRESENTATIONS AT PROFESSIONAL MEETINGS

- 2023 Suzuki, T.A.,** Tanja Schön, Jillian Waters, Mallory Ballinger, Ruth Ley. Artificial selection experiment on the mammalian microbiome. Society for the Study of Evolution. Albuquerque, NM (talk).
- Suzuki, T.A.** Ecology and evolution of host-microbial interactions in humans and wild mice. 62nd Arizona Southern Nevada American Society for Microbiology Branch Meeting, University of Arizona, Tucson, Arizona (talk).
- 2022 Suzuki, T.A.,** L. Fitzstevens, V.T. Schmidt, H. Enav, K. Huus, M. Mbong, B.R. Adegbite, J.F. Zinsou, M. Esen, T.P. Velavan, A.A. Adegnika, L.H. Song, T.D. Spector, A.L. Muehlbauer, N. Marchi, R. Blekhman, L. Ségurel, N.D. Youngblut, P. Kremsner, R. E. Ley. 2021. Codiversification of gut microbiota with humans. Keystone Symposia, The Human Microbiome: Ecology and Evolution. Banff, Canada (poster and short talk)
- 2021 Suzuki, T.A.,** Liam Fitzstevens, Hagay Enav, Victor T. Schmidt, Nicholas D. Youngblut, Mirabeau Mbong, Ruth E. Ley. Codiversification of gut microbiota with humans. Society for the Study of Evolution, virtual meeting (talk)
- Suzuki, T.A.,** Liam Fitzstevens, Hagay Enav, Victor T. Schmidt, Nicholas D. Youngblut, Mirabeau Mbong, Ruth E. Ley. 2021. Codiversification of gut microbes and their human hosts. The Biology of Genomes, virtual meeting (talk)
- 2019 Suzuki, T.A.,** M. Phifer-Rixey, K.L. Mack, M.J. Sheehan, D. Lin, K. Bi, and M.W. Nachman. 2019. Host genetic determinants of the gut microbiota of wild mice. 21st Annual Meeting of the Society of Evolutionary Studies, Japan. (talk, Symposium organizer.)
- 2017 Suzuki, T.A.,** M. Phifer-Rixey, K.G. Ferris, A. Chavez, Michael J. Sheehan, Ting-Ting Lin, and M.W. Nachman. 2017. Associating host genomic variation with gut microbial variation in wild house mice. Society for the Study of Evolution. Portland, Oregon. (talk)

- 2016** Suzuki, T.A., M. Phifer-Rixey, K.G. Ferris, A. Chavez, F.M. Martins, and M.W. Nachman. 2016. Gut microbiome and Bergmann's rule in natural populations of house mice. Bay Area Population Genomics Conference, San Francisco, California. (poster)
- Suzuki, T.A., M. Phifer-Rixey, K.G. Ferris, A. Chavez, F.M. Martins, and M.W. Nachman. 2016. Gut microbiome and Bergmann's rule in natural populations of house mice. 6th ASM conference on Beneficial Microbes, Seattle, Washington. (poster)
- Suzuki, T.A., M. Phifer-Rixey, F.M. Martins, and M.W. Nachman. 2016. Gut microbiome and Bergmann's rule in natural populations of house mice. Society for the Study of Evolution, Austin, Texas. (poster)
- 2015** Suzuki, T.A., F.M. Martins, M. Phifer-Rixey, M.W. Nachman. 2015. Microbial variation and Bergmann's rule: clinal variation of gut microbial communities in wild house mice across the Americas. Animal-Microbe Symbioses, Gordon Research Conference, Waterville Valley, New Hampshire. (poster).
- Ferris, K.G., A.S. Chavez, M. Phifer-Rixey, T.A. Suzuki, M.W. Nachman. 2015. The genetics of environmental adaptation in house mice across Western North America. Society for Molecular Biology and Evolution, Vienna, Austria. (poster).
- Kawamura, S., T.A. Suzuki, M.A. Iwasa. 2015. Reevaluation of the agouti allele in Japanese wild mice. International Wildlife Management Congress, Sapporo, Japan. (talk).
- 2014** Suzuki, T.A. and M.W. Nachman, 2014. Spatial variation of gut microbial communities in the gastrointestinal tract of natural populations of house mice. Society for the Study of Evolution, Raleigh, North Carolina. (talk)
- Suzuki, T.A. and M.W. Nachman, 2014. Microbial variation and Bergmann's rule: clinal variation of gut microbes in house mice across North America. Bay Area Population Genetics X, Stanford, California. (poster)
- 2013** Suzuki, T.A. and M.W. Nachman, 2013. Microbial variation and Bergmann's rule: clinal variation of gut microbes in house mice across North America. Gordon Research Conferences, Microbial Population Biology, Andover, New Hampshire. (poster)
- Suzuki, T.A. and M.W. Nachman, 2013. Microbial variation and Bergmann's rule: clinal variation of gut microbes in house mice across North America. Society for the Study of Evolution, Snowbird, Utah. (talk)
- 2012** Suzuki, T.A. 2012. Geographic variation of human gut microbial composition. Grad Blitz at University of Arizona, Tucson, AZ (speed talk)
- Suzuki, T.A., M.W. Nachman, and M. Worobey, 2012. Geographic variation of human gut microbiome composition. Society for the Study of Evolution, Ottawa, Canada. (talk)
- 2011** Suzuki, T.A. and M.W. Nachman, 2011. Speciation and hybrid female subfertility in house mice. Society for the Study of Evolution, Norman, Oklahoma. (talk)
- 2010** Suzuki, T.A. and M.W. Nachman, 2010. Speciation and hybrid female fertility in house mice. Society for the Study of Evolution, Portland, Oregon. (poster)

- 2008** Suzuki, T.A. and M.A. Iwasa, 2008. Coat color variations of wild mouse in an urban area. The Mammalogical Society of Japan, Yamaguchi, Japan. (poster)

TEACHING

- 2023** Instructor, Biostatistics (HCD300), Arizona State University
Invited guest lecturer, Advanced Topics in Biomedical Informatics (BMI461), Arizona State University
- 2013 - 2018** Graduate Student Instructor, General Biology (Bio 1B), UC Berkeley
- 2017** Graduate Student Instructor, Natural History of Vertebrates (IB104), UC Berkeley
- 2014** Invited lecture, Mammalogy (IB173), UC Berkeley
- 2013** Teaching Assistant, Population Genetics (ECOL426/526), The University of Arizona
Invited lecture at Wildlife Disease Club, The University of Arizona
- 2012** Teaching Assistant, Mammalogy (ECOL485/585), The University of Arizona
Teaching Assistant, Human Genetics (ECOL223), The University of Arizona
Invited lecture, Wildlife Disease Club, The University of Arizona
- 2011** Teaching Assistant, Mammalogy (ECOL485/585), The University of Arizona
Teaching Assistant, Human Genetics (ECOL223), The University of Arizona

MENTORING

- 2023-present** Co-Advisor (with Rosa Krajmalnik-Brown) at ASU:
Kaitlyn Socie, PhD student (Biological Design Graduate program)
- PhD committee member at ASU:
Angel Fernandez, PhD student (School of Life Sciences Graduate program)
Hannah Glesener, PhD student (Biological Design Graduate Program)
- GSA/TA mentor at ASU:
Vanessa Delgado, PhD student (College of Health Solutions)
Rachel Dong, undergraduate student (College of Health Solutions)
- Barrett honors project mentor at ASU:
Joshelyn Ruelas, undergraduate student (HCD300)
Jaquelyn Ruelas, undergraduate student (HCD300)
- Research project mentor at ASU:
Savannah Pacheco, undergraduate student (MIC401)
Chun Hin Leung, undergraduate student (MIC401)

2013 - 2018 Research Mentor, Undergraduate Research Apprenticeship Program, UC Berkeley (alphabetical): Savannah Berkley, Brian Chen, Sharon Chen, Muriam Choudhery, Michael Dizma, Awad Faddoul, Winnie Feng, Tory Harwin, Erik Hernandez, Daniela Hernandez, Gabriela Heyer, Yu Jin Hwang, Emmy Jin, Casie Lee, Glen Lipschitz, Adhayana Paul, Anna Petrosky, Micah Rodriguez, Madeleine Rossanese, Akram Saad, Niki Sabetfakhri, Yu Sato, Elizabeth Serrano, Eric Shiah, Jane Yang, and JiaYi Zhang.

SERVICE AND OUTREACH

2014 - present Served as reviewer; Plos One (13), Scientific Reports (5), Microbial Ecology (4), FEMS Microbial Ecology (3), Organisms Diversity and Evolution (3), Science (3), Nature Microbiology (2), High Altitude Medicine and Biology (2), International journal of Avian Science (2), Mammalian Genome (2), Microbiome (2), Microbiology and Molecular Biology Reviews (2), Austin Journal of Reproductive Medicine and Infertility (1), BMC Microbiology (1), Frontiers in Microbiology (1), High Altitude Medicine & Biology (1), International Journal of Women's Health and Wellness (1), Journal of Mammalogy (1), Nature Ecology and Evolution (1), Journal of Evolutionary Biology (1), Science Advances (1), PeerJ (1), ISME journal (1).

2023 Member, Speaker Series Committee, College of Health Solutions, Arizona State University

Featured in Ask a Biologist, Arizona State University:

<https://askbiologist.asu.edu/explore/evolution-gut-microbiome>

External PhD examiner, University of Oxford (Eveliina Hanski's DPhil viva)

2020 Interviewed by academyhills, Challenger's relay (Japanese)

<https://www.academyhills.com/note/opinion/challengers2.html>

2015 Interviewed by The Graduates, UC Berkeley. KALX 90.7FM

<https://shows.acast.com/the-graduates/episodes/taichi-suzuki>

2014 Interviewed by Super Human Radio (SHR # 1362)

<https://superhumanradio.net/tags/taichi-suzuki>

2013 - 2014 Official blogger, Embassy of the United States of America (Japanese)

<https://bit.ly/3w5Broj>

2012 - 2014 Deputy editor of Kagakusha Network (Japanese Non-profit organization supporting students and researchers studying abroad)

<http://www.kagakusha.net/members/taichi-suzuki>

2012 Interviewed and research highlighted on the front page of newspaper, Arizona Daily Star, <https://bit.ly/3jrbJrS>

2010 - 2011 President, Japanese Student Association at The University of Arizona

- 2011** Invited lecture, Hermosa Montessori Elementary School as the President of Japanese Association, Tucson Arizona
- 2008** Curator Assistant, Kanagawa Prefectural Museum of Natural History, Japan.

SOCIETY MEMBERSHIPS

Society for the Study of Evolution
Society for Integrative and Comparative Biology
Studies of Evolutionary Studies, Japan

American Society of Mammalogists
The Mammal Society of Japan
American Society for Microbiology