

Jadelys Matsuda Tonos Luciano

Hensil Hall 218

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CURRENT ACADEMIC APPOINTMENT

2024 – current Assistant Professor – San Francisco State University, Department of Biology

EDUCATION

2021 Ph.D. (Ecology and Evolutionary Biology). *Drivers and consequences of animal foraging behavior on seed dispersal and plant community composition*, Rice University.

2014 B.A (Wildlife Biology), Purdue University, West Lafayette, Indiana

PROFESSIONAL POSITIONS

2022 – 2024 Postdoctoral Scholar, Razafindratsima Lab, UC Berkeley

2018 Teaching Assistant, Ecology, Rice University

2017 Teaching Assistant, Conservation Biology, Rice University

2017 Teaching Assistant, Ecosystem Management, Rice University

2016 Research Technician, Ground Squirrel Surveys, University of Idaho

2015 Research Technician, MISMS Project, Iowa State University

2014-2015 Bat Technician, Civil and Environmental Consultants, Indiana

2014 Research Assistant, Bioko Biodiversity Protection Program, Equatorial Guinea

2014 Teaching Assistant, Intro to Geographic Information Systems, Purdue University

2013-2014 Undergraduate Research, Zollner Lab, Purdue University

2013 Teaching Assistant, Wildlife Summer Practicum, Purdue University

2010-2014 Undergraduate Research, Tropical Hardwood Tree Improvement and Regeneration Center, Purdue University, Indiana

HONORS AND AWARDS

2018 NSF Graduate Research Fellowship Program

2017 Rice University Ecology and Evolutionary Biology Peter Savvas Nelson Award

2016-2017 Rice University Allegiance for Graduate Education and the Professoriate Fellowship

TEACHING EFFECTIVENESS

SUMMARY OF COURSES TAUGHT AT SFSU

Semester	Course	Title	WTUs	Enrollment
Fall 2024	BIOL 482	Ecology	4	58

PROFESSIONAL ACHIEVEMENT AND GROWTH

RESEARCH AND PUBLICATIONS

PEER REVIEWED PUBLICATIONS

- Tonos, J., Papinot, B., Park, D. S., Raelison, M., Ramaroson, H., Stubbs, J., & Razafindratsima, O. H. (2024). Examining the structure of plant–lemur interactions in the face of imperfect knowledge. *Conservation Biology*, e14323. <https://doi.org/10.1111/cobi.14323>
- Tonos, J., Rakotoarisoa, H., Ramananjato, V., Randimbiarison, F., & Razafindratsima, O. (2024). Biotic and abiotic dispersal of a large-seeded keystone genus in Madagascar. *Biodiversity and Conservation*, 33(10), 2995–3010. <https://doi.org/10.1007/s10531-024-02900-2>
- Andriantsaralaza, S., Razafindratsima, O. H., Razanamaro, O. H., Ramananjato, V., Randimbiarison, F., Raelinjanakolona, N. N., Rabarijaonina, T. H. P., Raharinomena, N., Hobimalala, N., Nantenaina, R. H., Tonos, J. M., & Andriamiadana, S. (2024). Seed dispersal of Madagascar's iconic baobab species, *Adansonia grandidieri*. *Biotropica*, e13373. <https://doi.org/10.1111/btp.13373>
- Fuzessy, L., Balbuena, J. A., Nevo, O., Tonos, J., Papinot, B., Park, D., Sol, D., Valenta, K., Razafindratsima, O., & Verdu, M. (2023). Friends or foes? Plant-animal coevolutionary history is driven by both mutualistic and antagonistic interactions [Preprint]. Preprints. DOI:10.22541/au.168190585.53405707/v1
- Tonos, J. (2021). Drivers and consequences of animal foraging behavior on seed dispersal and plant community composition [Rice University].
- Tonos J., O. Razafindratsima, Z.S.E. Fenosoa, A.E. Dunham. (2021). Individual-based networks reveal the highly skewed interactions of a frugivore mutualist with individual plants in a diverse community. *Oikos*. doi:10.1111/oik08539
- Gorczyński, D., Hsieh, C., Tonos, J., Ahumada, J., Espinosa, S., Johnson, S., Rovero, F., Santos, F., Andrianarisoa, M. H., Hurtado Astaiza, J., Jansen, P. A., Kayijamahe, C., Lima, M. G. M., Salvador, J., and Beaudrot, L. (2021). Tropical mammal functional diversity increases with productivity but decreases with anthropogenic disturbance. *Proceedings of the Royal Society B: Biological Sciences*. 288(1945):20202029.
- DeSisto C. M M., D. S. Park, C. C. Davis, V. Ramananjato, J. Tonos, O. Razafindratsima. (2020) An invasive species spread by threatened diurnal lemurs impacts rainforest structure in Madagascar. *Biological Invasions*
- LaBonte N.R., J. Tonos, C. Hartel, K.E. Woeste. (2016) Genetic diversity and differentiation of yellowwood (*Cladrastis kentukea*(Dum.Cours.) Rudd) growing in the wild and in planted populations outside the natural range. *New Forests*
- Tonos J, B.P. Pauli, P.A. Zollner, G.H. Haulton. (2014) A Comparison of the Efficiency of Mobile and Stationary Acoustic Bat Surveys. *PIAS* 123(2): 103— 111

Zerillo M.M., J.I. Caballero, K.E. Woeste, A.D. Graves, C. Hartel, J.W. Pscheidt, J. Tonos, K. Broders, W. Cranshaw, S.J. Seybold, N. Tisserat. (2014) Population structure of *Geosmithia morbida*, the causal agent of thousand cankers disease of walnut trees in the United States. PLoS One 9(11). doi:10.1371/journal.pone.0112847

PEER REVIEWED BOOK CHAPTER

Razafindratsima, O.H., Tonos, J., Ramananjato, V., Dunham, A.E. and Andriamasovoloarisoa, M. (2022) Frugivory and Seed Dispersal. In: *The New Natural History of Madagascar*. Goodman, S. (ed), Princeton University Press, Princeton.

POPULAR PRESS ARTICLES

Tonos J., and Lily Zhao. (2015). El asfalto legal a un santuario de primates y tortugas marinas. *Quercus*.

CONFERENCE PRESENTATIONS AND INVITED TALKS

2024 8th Frugivores and Seed Dispersal Symposium - Persistent intraspecific inequalities in plant-lemur interactions drive seed dispersal patterns

2022 Association for Tropical Biology and Conservation Annual Meeting - Impacts of lemur extinction: the loss of large-bodied generalist lemurs threatens plant communities

2021 Rice University: Biosciences Retreat Invited Speaker- Spatial patterns in plant diversity and the importance of plant-animal interactions

2020 Rice University: Biosciences Graduate Student Research Symposium - Spatial patterns in plant diversity and the importance of plant-animal interactions

2020 7th Frugivores and Seed Dispersal Symposium - Spatial patterns in individual plant-frugivore interactions

2019 Association for Tropical Biology and Conservation Annual Conference - Spatial patterns in individual plant-frugivore interactions

2018 Rice University: Biosciences Graduate Student Research Symposium - Understanding patterns in frugivore-plant interactions and the factors that shape them

2018 Seed Dispersal in Human Dominated Landscapes: Workshop Speaker
Presentations: Seed Dispersal Ecology - Concepts and Theories; Interaction networks; Seed fate: removal, secondary dispersal, and predation; Extinction, conservation and seed dispersal loss

GRANT SUBMISSION

2023	National Geographic Explorer Grant	Rejected
2023	NSF Organismal Response to Climate Change	Rejected
2022	NSF Postdoctoral Fellowship	Rejected
2020-2021	Wagoner Research Grant, Rice University – \$6,145	Funded
2018-2019	Wagoner Research Grant - \$8,855	Funded

2018-2021	NSF Graduate Research Fellowship Program	Funded
2018	Explorers Club Exploration Fund Grant - \$1,200	Funded
2018	WWF Conservation Workshop Grant - \$7,415	Funded
2017	Diane McSherry & Patrick Poe Research Award - \$2,000	Funded
2017	Bat Conservation International Student Research Scholarship – \$5,000	Funded
2017	Primate Conservation Inc. Research Grant Award - \$2,200	Funded

CONTRIBUTIONS TO CAMPUS AND COMMUNITY

DEPARTMENT OF BIOLOGY - COMMITTEES AND ASSIGNMENTS

2024-2025 Scholarship Committee, Biology, SFSU