

## THOMAS S. JENKINSON

Postdoctoral Research Associate  
Department of Wildlife, Fish, and Conservation Biology  
University of California, Davis

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### EDUCATION:

- 2017 Ph.D. in Ecology and Evolutionary Biology  
University of Michigan, Ann Arbor, Michigan
- 2011 M.S. in Biology (Concentration: Ecology and Systematic Biology)  
San Francisco State University, San Francisco, California
- 2005 B.S. in Biology (Concentration: Cell Biology, Minor in Chemistry)  
Oregon State University, Corvallis, Oregon

### PROFESSIONAL APPOINTMENTS:

- 2020 - *present* Postdoctoral Research Associate – University of California, Davis
- 2017 - 2020 NSF Postdoctoral Research Fellow – University of California, Berkeley
- 2019 - 2020 Lecturer – University of California, Berkeley (*Teaching deferment from NSF Fellowship*)
- 2011 Lecturer and Laboratory Coordinator – San Francisco State University

### HONORS & AWARDS:

- 2017 Outstanding Graduate Student Instructor Award  
Rackham Graduate School, University of Michigan
- 2015 Myron P. Backus Graduate Research Award  
Mycological Society of America
- 2013 Best Graduate Student Oral Presentation Award  
Mycological Society of America Annual Meeting: Austin, Texas
- 2010 Distinguished Graduate Student Award  
College of Science and Engineering, San Francisco State University

### GRANT FUNDING & FELLOWSHIPS:

- |      |   |           |
|------|---|-----------|
| 2017 | NSF Postdoctoral Research Fellowship in Biology (PRFB)<br>National Science Foundation   | \$138,000 |
| 2016 | Helen Olson Brower Memorial Fellowship in Environmental Studies<br>Department of Ecology and Evolutionary Biology, University of Michigan | \$15,580  |
| 2016 | NSF Doctoral Dissertation Improvement Grant (DDIG)<br>National Science Foundation   | \$20,150  |
| 2014 | Rackham Graduate Student Research Grant<br>Rackham Graduate School, University of Michigan  | \$3,000   |
| 2013 | Dow Doctoral Sustainability Fellowship<br>Graham Environmental Sustainability Institute, University of Michigan                           | \$50,000  |
| 2012 | Ecology and Evolutionary Biology Block Grant for Research<br>Department of Ecology and Evolutionary Biology, University of Michigan       | \$2,896   |

2009	Robert M. Maxwell Graduate Scholarship College of Science and Engineering, San Francisco State University	\$4,000
2008	NSF Graduate STEM Fellowship in K-12 Education (GK-12 Fellowship) National Science Foundation	\$30,000
2008	Harry D. Thiers Graduate Scholarship Mycological Society of San Francisco	\$1,000

## PUBLICATIONS:

- 18) Lambertini, C., Becker, C. G., Belasen, A. M., Valencia-Aguilar, A., Nunes-de-Almeida, C. H. L., Betancourt Román, C. M., Rodriguez, D., da Silva Leite, D., Oliveira, I. S., Gasparini, J. L. R., Ruggeri, J., Mott, T., **Jenkinson, T. S.**, James, T. Y., Zamudio, K. R. and L. F. Toledo. (2020) Biotic and abiotic determinants of *Batrachochytrium dendrobatidis* infections in amphibians of the Brazilian Atlantic Forest. *Fungal Ecology* (In Press, Early View available: <https://doi.org/10.1016/j.funeco.2020.100995>).
- 17) Burrowes, P. A., James, T. Y., **Jenkinson, T. S.** and I. De la Riva (2020) Genetic analysis of post-epizootic amphibian chytrid strains in Bolivia: Adding a piece to the puzzle. *Transboundary and Emerging Diseases* (In Press, Early View available: <https://doi.org/10.1111/tbed.13568>).
- 16) Samarasinghe, H.\*, You, M.\*, **Jenkinson, T. S.\***, Xu, J. and T. Y. James. (2020) Hybridization facilitates adaptive evolution in two major fungal pathogens. *Genes* 11(1): 101-121.  
\* Authors contributed equally to this work
- 15) Hernández-Gómez, O., Byrne, A. Q., Gunderson, A. R. **Jenkinson, T. S.**, Noss, C. F., Rothstein, A. P., Womack, M. C. and E. B. Rosenblum. (2020) Invasive vegetation affects amphibian skin microbiota and body condition. *PeerJ* 8: e8549.
- 14) Ribeiro, L. P., Carvalho, T., Becker, C. G., **Jenkinson, T. S.**, Da Silva Leite, D., James, T. Y., Greenspan, S. E. and L. F. Toledo. (2019) Bullfrog farms release virulent zoospores of the frog-killing fungus into the natural environment. *Scientific Reports* 9: 13422.
- 13) Becker, C. G., Bletz, M. C., Greenspan, S. E., Rodriguez, D., Lambertini, C., **Jenkinson, T. S.**, Guimarães, P. R., Assis, A. P. A., Geffers, R., Jarek, M., Toledo, L. F., Vences, M. and C. F. B. Haddad (2019) Low-load pathogen spillover predicts shifts in skin microbiome and survival of a terrestrial-breeding amphibian. *Proceedings of the Royal Society B* 286: 20191114.
- 12) **Jenkinson, T. S.**, Rodriguez, D., Clemons, R. A., Michelotti, L. A., Zamudio, K. R., Toledo, L. F., Longcore, J. E. and T. Y. James. (2018) Globally invasive genotypes of the amphibian chytrid outcompete an enzootic lineage in coinfections. *Proceedings of the Royal Society B* 285: 20181894.
- 11) Salla, R. F., Rizzi-Possignolo, G. M., Oliveira, C. R., Lambertini, C., Franco-Belussi, L., Da Silva Leite, D., Silva-Zacarin, E. C. M., Abdalla, F. C., **Jenkinson, T. S.**, Toledo, L. F. and M. Jones-Costa (2018) The impact of chytridiomycosis on the cardiac function of anurans: sensitive vs. tolerant species. *PeerJ* 6: e5891.
- 10) Fisher, M. C., Ghosh, P., Shelton, J. M. G., Bates, K. A., Brookes, L., Wierzbicki, C., Rosa, G. M., Farrer, R. A., Aanensen, D. M., Alvarado-Rybak, M., Bataille, A., Berger, L., Böll, S., Bosch, J., Clare, F. C., Courtois, E. A., Crottini, A., Cunningham, A. A., Doherty-Bone, T. M., Gebresenbet, F., Gower, D. J., Höglund, J., James, T. Y., **Jenkinson, T. S.**, Kosch, T. A., Lambertini, C., Laurila, A., Lin, C. F., Loyau, A., Martel A., Meurling, S., Miaud, C., Minting, P., Ndriantsoa, S., O'Hanlon, S. J., Pasmans, F., Rakotonanahary, T., Rabemananjara, F. C. E., Ribeiro, L. P., Schmeller, D. S., Schmidt, B. R., Skerratt, L., Smith, F., Soto-Azat, C., Tessa, G., Toledo, L. F., Valenzuela-Sánchez, A., Verster, R., Vörös, J., Waldman, B., Webb, R. J., Weldon, C., Wombwell, E., Zamudio, K. Z., Longcore, J. E. and T. W. J. Garner. (2018) Development and worldwide use of non-lethal, and minimal population-level impact, protocols for the isolation of amphibian chytrid fungi. *Scientific Reports* 8: 7772.
- 9) O'Hanlon, S. J., Rieux, A., Farrer, R. A., Rosa, G. M., Waldman, B., Bataille, A., Kosch, T. A., Murray, K. A., Brankovics, B., Fumagalli, M., Martin, M. D., Wales, N., Alvarado-Rybak, M., Bates K. A., Berger, L., Böll, S., Brookes, L., Clare, F., Courtois, E. A., Cunningham, A. A., Doherty-Bone, T. M., Ghosh, P., Gower, D. J., Hintz, W. E., Höglund, J., **Jenkinson, T. S.**, Lin, C. F., Laurila, A., Loyau, A., Martel, A., Meurling, S., Miaud, C., Minting, P., Pasmans, F., Schmeller, D. S., Schmidt, B. R., Shelton, J. M. G., Skerratt, L. F., Smith, F., Soto-Azat, C., Spagnoletti, M., Tessa, G., Toledo, L. F., Valenzuela-Sánchez, A.,

- Verster, R., Vörös, J., Webb, R. J., Wierzbicki, C., Wombwell, E., Zamudio, K. R., Aanensen, D. M., James, T. Y., Gilbert, M. T. P., Weldon, C., Bosch, J., Balloux, F., Garner, T. W. J. and M. C. Fisher. (2018) Recent Asian origin of chytrid fungi causing global amphibian declines. *Science* 360(6389): 261-267.
- Cover article, and selected for a highlight in a Perspectives article in *Science*
- 8) Becker, C. G., Greenspan, S. E., Tracy, K. E., Dash, J. A., Lambertini, C., **Jenkinson, T. S.**, da Silva Leite, D., Toledo, L. F., Longcore, J. E., James, T. Y. and K. R. Zamudio. (2017) Variation in phenotype and virulence among enzootic and panzootic amphibian chytrid lineages. *Fungal Ecology* 26: 45-50.
- 7) **Jenkinson, T. S.**, Betancourt Román, C. M., Lambertini, C., Aguilar-Valencia, A., Rodriguez, D., Nunes-de-Almeida, C. H. L., Ruggeri, J., Belasen, A. M., da Silva Leite, D., Zamudio, K. R., Longcore, J. E., Toledo, L. F. and T. Y. James. (2016) Amphibian-killing chytrid in Brazil comprises both locally endemic and globally expanding populations. *Molecular Ecology* 25(13): 2978-2996.
- Selected for a highlight in a News and Views Perspectives article in *Molecular Ecology*
- 6) Lambertini, C., Becker, C. G., **Jenkinson, T. S.**, Rodriguez, D., da Silva Leite, D., James, T. Y., Zamudio, K. R. and L. F. Toledo. (2016) Local phenotypic variation in amphibian-killing fungus predicts infection dynamics. *Fungal Ecology* 20: 15-21.
- 5) James, T. Y., Toledo, L. F., Rödder, D., da Silva Leite, D., Belasen, A. M., Betancourt Román, C. M., **Jenkinson, T. S.**, Lambertini, C., Longo, A. V., Ruggeri, J., Collins, J. P., Burrowes, P. A., Lips, K. R., Zamudio, K. R. and J. E. Longcore. (2015) Disentangling host, pathogen, and environmental determinants of a recently emerged wildlife disease: Lessons from the first 15 years of amphibian chytridiomycosis research. *Ecology and Evolution* 5(18): 4079-4097.
- 4) **Jenkinson, T. S.**, Schaefer, R. E., Perry, B. A. and D. E. Desjardin. (2014) *Cryptomarasmius gen. nov.* established in the Physalacriaceae to accommodate members of *Marasmius* section *Hygrometrici*. *Mycologia* 106(1): 86-94.
- 3) Rosenblum, E. B., James, T. Y., Zamudio, K. R., Poorten, T., Ilut, D., Rodriguez, D., Eastman, J., Richards-Hrdlicka, K., Joneson, S., **Jenkinson, T. S.**, Longcore, J. E., Olea, G. P., Toledo, L. F., Arellano, M. L., Medina, E., Restrepo, S., Flechas, S. V., Berger, L., Briggs, C. E. and J. E. Stajich. (2013) Complex history of the amphibian-killing chytrid fungus revealed with genome resequencing data. *Proceedings of the National Academy of Sciences, U.S.A.* 110(23): 9385-9390.
- 2) **Jenkinson, T. S.**, Celio, G. J., Padamsee, M., Dentinger, B. T. M., Meyer, M. E. and D. J. McLaughlin. (2008) Conservation of cytoplasmic organization in the cystidia of *Suillus* species. *Mycologia* 100(4): 539-547.
- 1) Celio, G. J., Padamsee, M., Dentinger, B. T. M., Josephsen, K. A., **Jenkinson, T. S.**, McLaughlin, E. G. and D. J. McLaughlin. (2007) Septal pore apparatus and nuclear division of *Auriscalpium vulgare*. *Mycologia* 99(5): 644-654.

#### **PUBLICATIONS IN REVIEW OR REVISION:**

- Gonçalves, U., Palmeira, C.N.S., Dubeux, M.J.M., Lima, L.R., Lambertini, C., Valencia-Aguilar, A., **Jenkinson, T.S.**, James, T.Y., Toledo, L.F. and T. Mott. (2020) Anuran assemblage in a private natural heritage reserve, Northern Atlantic forest. *Checklist, The Journal of Biodiversity Data* (In Review).
- Ruthsatz, K., Lyra, M. L., Lambertini, C., Belasen, A. M., **Jenkinson, T. S.**, da Silva Leite, D., Becker, C. G., Haddad, C. F. B., James, T. Y., Zamudio, K. R., Toledo, L. F. and M. Vences. (2020) Skin microbiome correlates with bioclimate and *Batrachochytrium dendrobatidis* infection intensity in Brazil's Atlantic Forest treefrogs. *Scientific Reports* (In Review).
- Oliveira, I., Karlokoski, A., Capinha, C., Marques Azevedo, M. J., da Silva, S. S., James, T. Y., **Jenkinson, T. S.** and L. F. Toledo (2020) Replacement hypothesis of panzootic and enzootic amphibian chytrid tested by niche overlap. *Evolutionary Ecology* (In Review).

#### **INVITED RESEARCH PRESENTATIONS:**

- 2020 Ecology and Evolution Seminar: Stanford University (*Presented remotely*)
- 2019 Institute for Biodiversity Science and Sustainability Seminar: California Academy of Sciences
- Department of Biological Sciences Seminar: California State University, East Bay
- Department of Biology Seminar: University of San Francisco

- 2018 Center for Population Biology Seminar: University of California, Davis  
 – Ecology, Evolution, and Conservation Biology Colloquium: San Francisco State University  
 2017 Society for the Study of Evolution Spotlight Session: Sex in the Wild  
 Evolution 2017: Portland, Oregon  
 2016 Symposium on: What can population genomics of pathogenic fungi tell us about emergence?  
 Mycological Society of America: Berkeley, California  
 2015 Institute of Health and Biological Sciences Seminar,  
 Universidade Federal de Alagoas, Maceió, Alagoas, Brazil  
 2014 Symposium on: Fungal Diseases of Aquatic Animals,  
 10<sup>th</sup> International Mycological Congress: Bangkok, Thailand

### CONTRIBUTED RESEARCH PRESENTATIONS:

- 2019 Hybridization and patterns of inheritance in the amphibian chytrid fungus  
 Evolution 2019: Providence, Rhode Island  
 – Cryptic genetic diversity and hybridization between *Batrachochytrium dendrobatidis* strains  
 Mycological Society of America: Minneapolis, Minnesota  
 2018 Anthropogenic hybridization in *Batrachochytrium dendrobatidis*  
 Integrated Research Challenges in Environmental Biology, Amphibian Declines: Tempe, Arizona  
 2017 Intraspecific competition between divergent *Batrachochytrium dendrobatidis* lineages  
 Integrated Research Challenges in Environmental Biology, Amphibian Declines: Tempe, Arizona  
 2016 Population genomics of hybridization in the amphibian-killing chytrid fungus  
 Evolution 2016: Austin, Texas  
 2015 Amphibian chytrid in Brazil comprises both stable endemic and globally expanding lineages  
 Mycological Society of America: Edmonton, Alberta, Canada  
 – Amphibian-killing chytrid fungus in Brazil comprises both stable endemic and recently expanded  
 populations  
 Evolution 2015: Guaruja, São Paulo, Brazil  
 2013 Population genetic structure of *Batrachochytrium dendrobatidis* in southeastern Brazil  
 Integrated Research Challenges in Environmental Biology, Amphibian Declines: Tempe, Arizona  
 – Pandemic and hybrid genotypes of the amphibian pathogen *Batrachochytrium dendrobatidis* in the  
 southern Atlantic rainforest of Brazil (**Best Graduate Student Oral Presentation Award**)  
 Mycological Society of America: Austin, Texas  
 – Genetics of Brazilian endemic and hybrid strains of *Batrachochytrium dendrobatidis* in Paraná  
 Conference on Chytridiomycosis in the Atlantic Forest of Brazil:  
 Universidade Estadual de Campinas, Campinas, São Paulo, Brazil  
 2010 The role of fungal survey and inventory studies in the Micronesia Biodiversity Project  
 Bay Area Conservation Biology Symposium: San Francisco, California

### CONTRIBUTED RESEARCH POSTERS:

- 2018 Genome evolution in a globally emerging amphibian pathogen  
 2<sup>nd</sup> Joint Congress on Evolutionary Biology: Montpellier, France  
 – Ecological genomics of divergence and hybridization in the amphibian chytrid  
 11<sup>th</sup> International Mycological Congress: San Juan, Puerto Rico  
 2014 Spatio-temporal patterns of *Batrachochytrium dendrobatidis* infection in the native amphibian  
 community of the Edwin S. George Biological Reserve, Livingston County, Michigan  
 Mycological Society of America: East Lansing, Michigan  
 2012 A new genus *Cryptomarasmius* proposed in the Physalacriaceae to accommodate members of  
*Marasmius* section *Hygrometrici*  
 Mycological Society of America: New Haven, Connecticut

- 2009 Phylogenetic relationships within the genus *Marasmius sensu stricto* inferred from ITS and nLSU  
International Conference on Fungal Evolution: Pathumthani, Thailand
- 2007 Conservation of cystidial ultrastructure in *Suillus* species  
Mycological Society of America: Baton Rouge, Louisiana

### TEACHING EXPERIENCE:

- 2019 - 2020 Instructor of Record: Global Change Biology – University of California, Berkeley  
(*Spring 2020: Mid-Semester transition to remote instruction*)  
Graduate Student Instructor – University of Michigan:
- 2015 Honors College Core in Natural Science; Biology and Society, Discussion Section  
2011, 2013 Biology of Fungi Laboratory (*Course offered alternate years*)  
2012 Genetics, Discussion Section  
2012 Evolution, Discussion Section
- 2011 Lecturer and Laboratory Coordinator: Introductory Biology – San Francisco State University
- 2008 - 2010 National Science Foundation Graduate K-12 Teaching Fellow / SEPAL K-12 Teaching Partner:  
Eighth Grade Physical Science – Horace Mann Middle School, San Francisco, California  
San Francisco Unified School District and San Francisco State University  
Graduate Teaching Assistant – San Francisco State University:
- 2010 Science Concepts in Introductory Biology  
2010 The World of Plants Laboratory  
2009 Spring Fungi of the Sierra Nevada (*Field Course: SFSU Sierra Nevada Field Campus*)  
2007, 2008 Introductory Biology Laboratory

### FIELD EXPERIENCE:

- 2018 Republic of Brazil  
National Science Foundation, Historical Dynamics of an Epidemic Invasion  
(*Principal Investigator*)
- 2013 - 2015 National Science Foundation, Catalyzing New International Collaborations: Into the  
Heart of an Epidemic: a US-Brazil Collaboration for Integrative Studies of the  
Amphibian-Killing Fungus in Brazil
- 2009 - 2011 Federated States of Micronesia  
National Science Foundation, A Biodiversity Survey of Pohnpei and Kosrae Islands,  
Federated States of Micronesia: Understanding the Impact of Anthropogenic Disturbance  
on Plant, Fungal, and Stream Biodiversity
- 2008, 2011 Republic of Ecuador  
National Geographic Society, Fungal Mimicry in the Deceptive Pollination of *Dracula*  
Orchids in Bosque Protector Los Cedros, Provincia de Imbabura
- 2008 California, U.S.A.  
United States Forest Service Assessment of FEMAT (Forest Ecosystem Management Assessment  
Team) Strategy One Fungi: Tahoe National Forest and Plumas National Forest
- 2007 Minnesota, U.S.A.  
Minnesota Department of Natural Resources County Biological Survey of Fungi

### ACADEMIC & PROFESSIONAL SERVICE:

- 2019 - 2020 Ad Hoc Grant Proposal Review: Population and Community Ecology Cluster,  
Division of Environmental Biology (DEB), National Science Foundation
- 2020 Grant Proposal Review: Graduate Student Research Grants, Society of Systematic Biologists
- 2014 - 2016 Graduate Student Representative: Education Committee, Mycological Society of America

- 2014 - 2015 Steering Committee: 10<sup>th</sup> and 11<sup>th</sup> Annual Early Career Scientists Symposium  
University of Michigan: Ann Arbor, Michigan
- 2013 - 2015 Departmental Committee Member: Undergraduate Curriculum Committee  
Department of Ecology & Evolutionary Biology, University of Michigan
- 2013 - 2015 Editorial Board Member: *Michigan Journal of Sustainability*
- 2013 Conference Session Chair: Concurrent Session on Fungal Genetics and Genomics  
Mycological Society of America: Austin, Texas
- 2010 - 2011 Executive Council Member: Mycological Society of San Francisco

### MANUSCRIPT REVIEW:

- Journals: *PLoS Pathogens, Molecular Ecology, Heredity, Frontiers of Biogeography, EcoHealth, Diseases of Aquatic Organisms, Transboundary and Emerging Diseases, Mycologia, PLoS ONE*
- Textbooks: *Global Change Biology* (printing in 2021), Oxford University Press

### PROFESSIONAL SOCIETIES:

- Since 2014 Ecological Society of America  
Since 2014 Genetics Society of America  
Since 2009 Society for the Study of Evolution  
Since 2006 Mycological Society of America

### OUTREACH ACTIVITIES & MEDIA HIGHLIGHTS:

- 2018 - 2019 Volunteer Organizer and Activity Facilitator: Save the Frogs Day, local elementary school students visit the Museum of Vertebrate Zoology to spend a day learning about amphibian biodiversity and conservation, University of California, Berkeley, California
- 2018 Curriculum Development and Guest Instructor: Nature notebooks, making hypotheses about organism form and function, Fourth/Fifth Grade Science, Bay Area Scientists in Schools and Berkeley Unified School District, Berkeley, California
- 2016 Guest Speaker: Fungal ecology, biodiversity, and mushroom identification, Seventh/Eighth Grade Science, Ann Arbor Open School, Ann Arbor, Michigan
- 2015 Volunteer Organizer and Field Trip Leader: D-Town Farms BioBlitz, biodiversity survey of D-Town Urban Farms with local middle and elementary students in the Detroit Black Community Food Security Network's Youth Development Program, Detroit, Michigan
- 2014 Organizer and Moderator: Workshop on applying to graduate school in the life sciences Undergraduate Curriculum Committee, Dept. of Ecology & Evolutionary Biology University of Michigan, Ann Arbor, Michigan
- 2013 Volunteer Organizer and High School Field Trip Leader: Belle Isle BioBlitz, biodiversity survey of Belle Isle Park, Detroit, Michigan with urban high school biology students West International High School, Detroit, Michigan
- Radio Interview: “Detroit high schoolers explore wilder side of Belle Isle” Aired: Apr 2013  
The Environment Report: Michigan Public Radio
- Guest Speaker: Ecosystems and Conservation Biology, Eighth Grade Science  
Escola Municipal de Ensino Fundamental Jose Vieira, São Marcos, São Paulo State, Brazil
- 2012 Radio Interview: “Mushrooms glow in the dark in Micronesia” Aired: May 2012  
The Pacific Beat Radio Programme: ABC Radio
- Invited Speaker: Mushrooms and the Micronesia Biodiversity Project  
Monthly meeting of the Illinois Mycological Association, Chicago, Illinois
- 2011 Conservation Policy Workshop Organizer and Volunteer Speaker:  
Workshop on protecting the critical upland forest habitat of the Micronesian Islands  
Kolonia City, Pohnpei State, Federated States of Micronesia

- Graduate Student Speaker: Habitat conservation in the Micronesian Islands  
Monthly meeting of the Mycological Society of San Francisco, San Francisco, California
- Guest Columnist: MycoDigest - The amphibian-killing chytrid fungus  
*Mycena News*: The Monthly Newsletter of the Mycological Society of San Francisco
- 2010 Alternative Weekly Interview: “Shroomin' at the Fungus Fair” Issue: Dec 2010  
San Francisco Bay Guardian
- Guest Columnist: MycoDigest - The mysterious *Cordyceps* mushroom  
*Mycena News*: The Monthly Newsletter of the Mycological Society of San Francisco
- 2007 - 2010 Educational Exhibit Organizer and Volunteer: Annual Bay Area Fungus Fair  
Lawrence Hall of Science, University of California, Berkeley, Berkeley, California

## RESEARCH MENTORSHIP:

\* Indicates coauthorship on research publications

- 2019 - 2020 Avalon Cook: University of California, Berkeley Undergraduate Student in Conservation and Natural Resources, Class of 2020; *Molecular biology, pathogen population genetics*
- 2018 - 2019 Chellam Nayar: University of California, Berkeley Undergraduate Student in Environmental Science, Class of 2019; *Co-supervisor: Senior thesis on pathogen population genetics*
- 2018 - 2019 Rebecca Salcedo: University of California, Berkeley Undergraduate Student in Molecular Environmental Biology, Class of 2019; *Molecular biology, molecular diagnostics*
- 2017 Siena McKim: University of Michigan Undergraduate Student in Art and Design, and Program in the Environment, Class of 2019; *Microscopy and scientific illustration*
- 2017 Rebecca Clemmons\*: University of Michigan Undergraduate Student in Ecology and Evolutionary Biology, Class of 2019; *Molecular biology, laboratory animal care*
- 2015 - 2016 Elisabeth Oeller: University of Michigan Undergraduate Student in Ecology and Evolutionary Biology, Class of 2016; *Microbial culture, laboratory animal care*
- 2014 - 2015 Anyelet Valencia-Aguilar\*: Federal University of Alagoas (Alagoas, Brazil) Masters Student in Zoology, M.S. 2015; *Field isolation of wild Batrachochytrium strains, microbial culture*
- 2013 - 2015 Carolina Lambertini\*: University of Campinas (São Paulo, Brazil) Masters Student in Ecology, M.S. 2015; *Field isolation of wild Batrachochytrium strains, population genetics*
- 2012 - 2013 Clarisse Betancourt-Román\*: University of Michigan Masters Student in Ecology and Evolutionary Biology, M.S. 2013; *Field isolation of wild Batrachochytrium strains, microbial culture*
- 2011 - 2012 Lindsay Isenhardt: University of Michigan Undergraduate Student in Ecology and Evolutionary Biology, Class of 2013; *Field survey of wildlife pathogen infection, molecular diagnostics*
- 2009 - 2010 Rainer Schaefer\*: San Francisco State University Undergraduate Student in Biology, Class of 2010; *Molecular biology, phylogenetic analysis*

## REFERENCES:

Erica Bree Rosenblum ([rosenblum@berkeley.edu](mailto:rosenblum@berkeley.edu))

Associate Professor

Department of Environmental Science, Policy, and Management,  
University of California, Berkeley

Timothy Y. James ([tyjames@umich.edu](mailto:tyjames@umich.edu))

Lewis E. & Elaine P. Wehmeyer Associate Professor and Curator of Fungi

Department of Ecology and Evolutionary Biology  
University of Michigan

Kimberly D. Tanner ([kdtanner@sfsu.edu](mailto:kdtanner@sfsu.edu))

Professor and Director of the Science Education Partnership and Assessment Laboratory

Department of Biology  
San Francisco State University