

W. Brian Simison

Curator, Center for Comparative Genomics
California Academy of Sciences
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Research Professor
San Francisco State University
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(415) 379.5297

Education:

University of California, Berkeley, California, Ph.D. in Integrative Biology (2000).
University of California, San Diego, California, B.A. in Animal Physiology (1985).

Research & Professional Experience:

Curator of the Center for Comparative Genomics, California Academy of Sciences. San Francisco, California (2007-current).

Research Professor, San Francisco State University (2008-current).

Postdoctoral Studies –

Visiting Postdoctoral Researcher, UC Berkeley and Joint Genome Institute, Walnut Creek, CA (2001-2005). Gastropod Mitochondrial Genome Project.
Mitochondrial genome sequencing of exemplar taxa of the major clades of gastropods using long PCR, rolling circle amplification, and shotgun sequencing.

Post Doctoral Fellow, Australian Museum, Sydney Australia (2001). Investigation of the phylogenetic content of molecular morphology (2^o and 3^o structure of ribosomes).

Other –

Creator and Director of Scientific Computing, California Academy of Sciences.
Set up Linux computing servers/environments, central NAS administration, taught basic unix, scripting, and genomic pipeline design (2007-2024).
System Administrator, database development and implementation, Webdesign (HTML, Javascript, Perl, “HEITML”), UC Museum of Paleontology (1993-2000).
Graduate Student, UC Berkeley. DNA extraction, amplification, and sequencing.
Investigation of phylogenetic methods for molecular data sets. Development of new methods for the analysis of phylogeography (1993-2000).
Production Manager, HTI Bio-products, Ramona California, Optimization of specific polyclonal antibody production and optimization of antigen and antibody detection (1990-1992).
Immunochemist, Calbiochem, La Jolla, California, Polyclonal antibody production and purification (1987-1990).

Teaching Experience-

Workshops,

- Introduction to python, (Summer 2018).
- RADseq pipeline – Analysis of ddRAD data using Stacks, Distruct, Structure Harvester, CLUMPP, and Structure (March 2016).

Instructor,

Biology 862 (Current Topics in Evolution), SFSU (Fall 2009, Fall 2010).
Biology 11 (General Biology for non-majors), UC Berkeley (Spring 2006).
REU lectures from 2007-20024.

Graduate Student Instructor,

IB 200 (Phylogenetics), UC Berkeley, Spring (1998).
Biology 1B (General Biology), UC Berkeley (1993 - 1996).

Graduate Student Mentor, Molecular Phylogenetics Laboratory. UC Museum of Paleontology. (1995-2000).

Funding:

GWC: Global Wildlife Conservation: New data on the origin and the validity of data deficient Mexican slider turtles. **\$2,000** (Grant 5220.004-0260, TCF 0713).

Parham, J., **Simison, W.B.** (2019-2020)

IMLS: Developing and disseminating a genomics toolkit for the museum community. **\$490,799**. (MG-30-17-0045). Shapiro, B, Collins, M, MacPhee, DE, Flynn, J, Lowman, M, **Simison, WB**, Druckenmiller, P, Gilber, T. (2018-2021).

CDFW – SWG: Conservation assessment of four newly discovered endemic species of California legless lizard (*Anniella* sp.). **\$125,137**. Tennant, E, Parham JF, **Simison, WB**, Papenfuss, T. (2015-1017).

Amazon Web Services – In cooperation with Joe Russack, Barb Andrews, and Rebecca Schuett. We secured two grants from AWS totaling **\$90,000** in computing credits.

NSF-MRI: Acquisition of a Next-Generation Sequencer for a Shared Genomics Core Facility at San Francisco State University and the California Academy of Sciences. **\$514,263**. De la Torre, JR, **Simison, WB**, Swei, A, Kapan, DD, Stillman, J. (2014-2020).

California State University Program for Education and Research in Biotechnology (CSUPERB): Sequencing and bioinformatics of slider turtle genomes: A system for evolutionary studies, conservation, and student opportunity. **\$14,704.84**. Parham JF, **Simison, WB**. (2014-2017).

NSF - CSBR: Natural History Collections: Liquid Nitrogen Facilities for Biological Specimen Curation and Research at the California Academy of Sciences, **\$178,937**. **Simison, WB**, Dumbacher, J. & Vindum, J. (2012-2015).

California Academy of Sciences, various “In-House” awards (2009-2014).

UC Museum of Paleontology Graduate Student Research Awards, \$20,000 (1995, 1996, 1997, and 1998).

UCB Integrative Biology Summer Research Award, \$5,000 (1996, 1997, 1998).

Hawaiian Malacological Society Scholarship Grant, \$2,500 (July 1995).

Graduate Opportunity Fellow, University of California, Berkeley, ~\$48,000 (1993-1995).

Foundation Support (Private funding):

\$60,000 (2019) from Jim Henderson for new 128-thread, 2 TB RAM server.

\$25,000 (2017) from Jim Henderson for general CCG support.

\$25,000 (2016) from Jim Henderson for general CCG support.

\$120,000 (2015) from Jim Henderson for the Illumina MiSeq DNA sequencer. Worked with Doria Leong in Development to foster a working relationship with Jim.

\$5,000 (2015) from Jim Henderson to help fund the "Angelfish Genome Project"

\$30,000 (2015) from Jim Henderson to purchase the DNA Shearing M220 Covaris Focused-ultrasonicator™.

Awards:

Best Student Presentation, *Molecular Phylogeography of the Eastern Pacific and Caribbean Patellogastropoda*, 65th Annual Meeting of the American Malacological Society Pittsburgh, Pennsylvania, U.S.A. (4-9 July 1999).

UC Museum of Paleontology D.K. Palmer Prize (1997, 1998, 1999).

Selected Peer Reviewed Publications:

2023

Nielsen, Danny P, Joshua G Harrison, Nathan W Byer, Trevor M Faske, Thomas L Parchman, **W Brian Simison**, Marjorie D Matocq. "The gut microbiome reflects ancestry despite dietary shifts across a hybrid zone." *Ecology Letters*, vol. 26, no. 1, 2023, pp. 63-75.

2022

Stiller, Josefin, Graham Short, Healy Hamilton, Norah Saarman, Sarah Longo, Peter Wainwright, Greg W Rouse, **W Brian Simison**. "Phylogenomic analysis of Syngnathidae reveals novel relationships, origins of endemic diversity and variable diversification rates." *BMC Biology*, vol. 20, no. 1, 2022, pp. 1-21.

2021

Cordero, Alicia, Barry Roth, **W Brian Simison**, David R Lindberg.

"Preliminary molecular phylogenetic relationships of Helminthoglypta land snails (Mollusca: Gastropoda: Helminthoglyptidae) from northern California and southern Oregon, USA." *Archiv für Molluskenkunde International Journal of Malacology*, 2021, pp. 111-118.

Fritsch, Peter W, **W Brian Simison**, Boni C Cruz, Edward L Schneider, Douglas D Allshouse. "A likely intersectional hybrid in *Vaccinium* (Ericaceae) on San Bruno Mountain, San Mateo County, California." *Madroño*, vol. 67, no. 4, 2021, pp. 190-210.

Kavanaugh, David H, David R Maddison, **W Brian Simison**, Sean D Schoville, Joachim Schmidt, Arnaud Faille, Wendy Moore, James M Pflug, Sophie L Archambeault, Tinya Hoang, Jei-Ying Chen. "Phylogeny of the supertribe Nebriitae (Coleoptera, Carabidae) based on analyses of DNA sequence data." *ZooKeys*, no. 1044, 2021, pp. 41-8.

2020

Juliana A Vianna, Flávia AN Fernandes, María José Frugone, Henrique V Figueiró, Luis R Pertierra, Daly Noll, Ke Bi, Cynthia Y Wang-Claypool, Andrew Lowther, Patricia Parker, Celine Le Bohec, Francesco Bonadonna, Barbara Wienecke, Pierre Pistorius, Antje Steinfurth, Christopher P Burridge, Gisele PM Dantas, Elie Poulin, **W Brian Simison**, Jim Henderson, Eduardo Eizirik, Mariana F Nery, Rauri CK Bowie. 2020. “Genome-wide analyses reveal drivers of penguin diversification”. *Proceedings of the National Academy of Sciences* 117 (36): 22303-22310.

- COVER article

Warren Brian Simison, James F Parham, Theodore J Papenfuss, Athena W Lam, James B Henderson. 2020. “An Annotated Chromosome-Level Reference Genome of the Red-Eared Slider Turtle (*Trachemys scripta elegans*)”, *Genome Biology and Evolution*, Volume 12, Issue 4, April 2020, Pages 456–462, <https://doi.org/10.1093/gbe/evaa063>

James F. Parham, Theodore J. Papenfuss, Anna B. Sellas, Bryan L. Stuart, **W. Brian Simison**. 2020. “Genetic variation and admixture of red-eared sliders (*Trachemys scripta elegans*) in the USA”. *Molecular Phylogenetics and Evolution* 145: <https://doi.org/10.1016/j.ympev.2019.106722>

Eva Salas, Jean-Paul, A. Hobbs, Moisés A. Bernal, **W. Brian Simison**, Michael L. Berumen, Giacomo Bernardi, Luiz A. Rocha. 2020. “Distinct patterns of hybridization across a suture zone in a coral reef fish (*Dascyllus trimaculatus*)”. *Ecology and Evolution*. 2020; 10: 2813–2837. <https://doi.org/10.1002/ece3.6068>

Eric Garcia, **W Brian Simison**, Giacomo Bernardi. 2020. “Patterns of Genomic Divergence and Signals of Selection in Sympatric and Allopatric Northeastern Pacific and Sea of Cortez Populations of the Sargo (*Anisotremus davidsonii*) and Longjaw Mudsucker (*Gillichthys mirabilis*)”, *Journal of Heredity*, 111 (1):57–69. <https://doi.org/10.1093/jhered/esz071>.

Peter W. Fritsch, **W. Brian Simison**, Boni C. Cruz, Edward L. Schneider, Douglas D. Allshouse (ACCEPTED). “A remarkable new species of *Vaccinium* (Ericaceae) from San Bruno Mountain, California”. *Madroño - A West American Journal of Botany*.

Iria Fernandez-Silva, Pablo Manent, **W. Brian Simison** Ho, Hsuan-Ching, Ghennie Rodríguez-Rey, Nieves Gonzalez, James Reimer, Luiz Rocha, (SUBMITTED). “Phylogeography of the circumtropical glasseye *Heteropriacanthus cruentatus* (Perciformes: Priacanthidae) reveals multiple cryptic species”. *Journal of Biogeography*.

2019

Henrik Krehenwinkel, Susanne Meese, Christoph Mayer, Jasmin Ruch, Jutta Schneider, Trine Bilde, Sven Künzel, Jim Henderson, Joe Russack, **Warren Brian Simison**, Rosemary Gillespie, Gabriele Uhl. 2019. “Cost effective microsatellite isolation and genotyping by next generation sequencing”. *Journal of Arachnology* 47:190–201.

2018

Fernandez-Silva, I., J.B. Henderson, L.A. Rocha, and **W.B. Simison**. 2018. “Whole-Genome Assembly of the Coral Reef Pearlscale Pygmy Angelfish (*Centropyge Vrolikii*).” *Scientific Reports* 8 (1). <https://doi.org/10.1038/s41598-018-19430-x>.

2017

Krehenwinkel, Henrik, Madeline Wolf, Jun Ying Lim, Andrew J. Rominger, **W. B. Simison**, and Rosemary G. Gillespie. 2017. “Estimating and Mitigating Amplification Bias in Qualitative and Quantitative Arthropod Metabarcoding.” *Scientific Reports*. <https://doi.org/10.1038/s41598-017-17333-x>.

Saarman, N.P., K.M. Kober, **W.B. Simison**, and G.H. Pogson. 2017. “Sequence-Based Analysis of Thermal Adaptation and Protein Energy Landscapes in an Invasive Bluemussel (*Mytilus Galloprovincialis*).” *Genome Biology and Evolution* 9 (10). <https://doi.org/10.1093/gbe/evx190>.

Hamilton, Healy, Norah Saarman, Graham Short, Anna B. Sellas, Beth Moore, Tinya Hoang, Christopher L. Grace, Martin Gomon, Karen Crow, and **W. Brian Simison**. 2017. “Molecular Phylogeny and Patterns of Diversification in Syngnathid Fishes.” *Molecular Phylogenetics and Evolution* 107: 388–403. <https://doi.org/10.1016/j.ympev.2016.10.003>.

Cotoras, D.D., G.G.R. Murray, J. Kapp, R.G. Gillespie, C. Griswold, **W.B. Simison**, R.E. Green, and B. Shapiro. 2017. “Ancient DNA Resolves the History of Tetragnatha (Araneae, Tetragnathidae) Spiders on Rapa Nui.” *Genes* 8 (12). <https://doi.org/10.3390/genes8120403>.

Bernal, M.A., M.R. Gaither, **W.B. Simison**, and L.A. Rocha. 2017. “Introgression and Selection Shaped the Evolutionary History of Sympatric Sister-Species of Coral Reef Fishes (Genus: *Haemulon*).” *Molecular Ecology* 26 (2). <https://doi.org/10.1111/mec.13937>.

2016

Fritsch, P.W., X. Yao, **W.B. Simison**, B.C. Cruz, and T. Chen. 2016. “Perkinsiodendron, a New Genus in the Styracaceae Based on Morphology and DNA Sequences.” *Journal of the Botanical Research Institute of Texas* 10 (1).

Ceríaco, L.M.P., E.E. Gutiérrez, A. Dubois, C.S. Abdala, **W.B. Simison**, A.S. Alqarni, K. Adler, E.A. Adriano, et al. 2016. “Photography-Based Taxonomy Is Inadequate,

Unnecessary, and Potentially Harmful for Biological Sciences.” *Zootaxa* 4196 (3).
<https://doi.org/10.11646/zootaxa.4196.3.9>.

Hallas, Joshua M., **W. Brian Simison**, and Terrence M. Gosliner. 2016. “Dating and Biogeographical Patterns in the Sea Slug Genus *Acanthodoris* Gray, 1850 (Mollusca, Gastropoda, Nudibranchia).” *Molecular Phylogenetics and Evolution* 97:19-31.
<https://doi.org/10.1016/j.ympev.2015.12.018>.

Lima, R.F. De, E. Maloney, **W.B. Simison**, and R. Drewes. 2016. “Reassessing the Conservation Status of the Shrew *Crocidura Thomensis*, Endemic to São Tomé Island.” *ORYX* 50 (2). <https://doi.org/10.1017/S003060531400091X>.

Fritsch, Peter W., Boni C. Cruz, **W. Brian Simison**, Alexandra J. Campbell, and Jennifer K. Harris. 2016. “Early Phylogenetic Divergence of Gynodioecious Species Warrants the Recognition of Subseries in *Styrax* Series *Valvatae*.” *Systematic Botany* 40 (4): 1081–92.
<https://doi.org/10.1600/036364415X690120>.

2015

Palopoli, M.F., D.J. Fergus, S. Minot, D.T. Pei, **W.B. Simison**, I. Fernandez-Silva, M.S. Thoenmes, R.R. Dunn, and M. Trautwein. 2015. “Global Divergence of the Human Follicle Mite *Demodex Folliculorum*: Persistent Associations between Host Ancestry and Mite Lineages.” *Proceedings of the National Academy of Sciences of the United States of America* 112 (52). <https://doi.org/10.1073/pnas.1512609112>.

Crawford, N.G., J.F. Parham, A.B. Sellas, B.C. Faircloth, T.C. Glenn, T.J. Papenfuss, J.B. Henderson, M.H. Hansen, and **W.B. Simison**. 2015. “A Phylogenomic Analysis of Turtles.” *Molecular Phylogenetics and Evolution* 83.
<https://doi.org/10.1016/j.ympev.2014.10.021>.

Gaither, M.R., M.A. Bernal, R.R. Coleman, B.W. Bowen, S.A. Jones, **W.B. Simison**, and L.A. Rocha. 2015. “Genomic Signatures of Geographic Isolation and Natural Selection in Coral Reef Fishes.” *Molecular Ecology* 24 (7).
<https://doi.org/10.1111/mec.13129>.

Parham, James F., Theodore J. Papenfuss, James R. Buskirk, Gabriela Parra-Olea, Jei-Ying Chen, and **W. Brian Simison**. 2015. “*Trachemys Ornata* or Not *Ornata*: Reassessment of a Taxonomic Revision for Mexican *Trachemys*.” *Proceedings of the California Academy of Sciences* 62 (12): 359–67.

1999 – 2014

Rocha, L A, A Aleixo, G Allen, F Almeda, C C Baldwin, M V L Barclay, **W B Simison**, J M Bates, et al. 2014. “Specimen Collection: An Essential Tool.” *Science* (New York, N.Y.) 344 (6186): 814–15. <https://doi.org/10.1126/science.344.6186.814>.

- Parham, James F., Theodore J. Papenfuss, Peter Paul van Dijk, Byron S. Wilson, Cristian Marte, Lourdes Rodriguez Schettino, and **W. Brian Simison**. 2013. "Genetic Introgression and Hybridization in Antillean Freshwater Turtles (*Trachemys*) Revealed by Coalescent Analyses of Mitochondrial and Cloned Nuclear Markers." *Molecular Phylogenetics and Evolution* 67 (1): 176–87.
- Simison, W. Brian**, Anna B. Sellas, Kevin A. Feldheim, and James F. Parham. 2013. "Isolation and Characterization of Microsatellite Markers for Identifying Hybridization and Genetic Pollution Associated with Red-Eared Slider Turtles (*Trachemys Scripta Elegans*)." *Conservation Genetics Resources* 5 (4), 1139-1140.
- Carrison-Stone, Dana, Robert Van Syoc, Gary Williams, and **W. Brian Simison**. 2013. "Two New Species of the Gorgonian Inhabiting Barnacle, *Conopea* (Crustacea, Cirripedia, Thoracica), from the Gulf of Guinea." *ZooKeys* 270:1-20.
<https://doi.org/10.3897/zookeys.270.3736>.
- Huffard, Christine L., Norah Saarman, Healy Hamilton, and **W. Brian Simison**. 2010. "The Evolution of Conspicuous Facultative Mimicry in Octopuses: An Example of Secondary Adaptation?" *Biological Journal of the Linnean Society* 101 (1): 68–77.
- Bethany K Kimokeo, Zoltan Szabo, Norah P Saarman, **W Brian Simison**, Keith Martin-Smith, Abby Barrows, Mark Baine, Sara Lourie, Robert J Toonen, Healy Hamilton 2009. "Taxonomy and Phylogeography of *Hippocampus kuda* in Hawaii." *Integrative and Comparative Biology*, 49, E254-E254.
- Simison, W. Brian**, and Jeffrey Boore. 2008. "Molluscan Evolutionary Genomics." In *Phylogeny and Evolution of the Mollusca*, edited by Winston Ponder and Lindberg David R. University Press California Scholarship Online.
<https://doi.org/DOI:10.1525/california/9780520250925.003.0017>.
- Simison, W. Brian**, D. R. Lindberg, and J. L. Boore. 2006. "Rolling Circle Amplification of Metazoan Mitochondrial Genomes." *Molecular Phylogenetics and Evolution* 39 (2): 562–67.
- Simison, W. Brian**. 2006. "Patterns of Endemism for Nearshore Gastropod Molluscs: A New View of the Gulf of California." *Journal of Molluscan Studies* 72 (1): 53–63.
- Shi, H., J.F. Parham, **W.B. Simison**, J. Wang, S. Gong, and B. Fu. 2005. "A Report on the Hybridization between Two Species of Threatened Asian Box Turtles (Testudines: *Cuora*) in the Wild on Hainan Island (China) with Comments on the Origin of 'Serrata'-like Turtles." *Amphibia Reptilia* 26 (3).
<https://doi.org/10.1163/156853805774408487>.
- Espoz, Carmen, David R. Lindberg, Juan C. Castilla, and **W. Brian Simison**. 2004. "Los Patelogastr??Podos Intermareales de Chile y Per??" *Revista Chilena de Historia Natural* 77 (2): 257–83.

Simison, W B, and D R Lindberg. 2003. "On the Identity of *Lottia Strigatella* (Carpenter, 1864) (Patellogastropoda: Lottiidae)." *The Veliger* 46: 1–19.

Simison, W. B. 2002. "Plate Tectonics." in "Encyclopedia of Global Environmental Change. *The Earth System: Physical & Chemical Dimensions of Global Environmental Change.*" 1:605-606.

Parham, J F, **W B Simison**, K H Kozak, Feldman, C R, Shi, H. 2002. "Systematics and conservation of Chinese turtles" *Herpetological Review*; St. Louis Vol. 33, Iss. 2. 88.

Parham, James Ford, **W Brian Simison**, Kenneth H Kozak, Chris R Feldman, and Haitao Shi. 2001. "New Chinese Turtles: Endangered or Invalid? A Reassessment of Two Species Using Mitochondrial DNA, Allozyme Electrophoresis and Known-Localities Specimens." *Animal Conservation* 4 (4): 357–67.

JF Parham, **WB Simison**, KH Kozak, CR Feldman. 2000. "A reassessment of some recently described Chinese turtles." *American Zoologist* 40 (6), 1163-1163

Simison, Brian W., and David R. Lindberg. 1999. "Morphological and Molecular Resolution of a Putative Cryptic Species Complex: A Case Study of *Notoacmea Fascicularis* (Menke, 1851) (Gastropoda: Patellogastropoda)." *The Malacological Society of London* 65: 99–109.

Conference and invited Presentations:

Invited presentations:

December 3, 2014, 8:00 AM – CAS all staff meeting "introduction to the Center for Comparative genomics" - W. Brian Simison

December 3, 2014, 4:00 PM – CAS all staff meeting "introduction to the Center for Comparative genomics" - W. Brian Simison

March 25, 2015 – UC Berkeley – Careers for Life Sciences - W. Brian Simison

April 7, 2015 – Sonoma State University, SSU Biology Colloquium Series– "A Phylogenomic analysis of turtles" - W. Brian Simison

April 14, 2015 – Stanford Genomics Lab - Porter Drive Seminar Series – "Whole genome population genomics for non-model organisms" - W. Brian Simison

June 10, 2015 – CAS CiS Interns presentation - W. Brian Simison

Conference Presentations

World Congress of Malacology 1998 Washington, DC

AMS Hilo, Hawaii – 1995

AMS Pittsburg 1999

AMS/WSM San Francisco 2000
NAPC Washington DC – 1996
NAPC Berkeley - 2001
Evolution Chico 2003
SMBE Iowa City 2009
Evolution Snowbird 2013
Evolution Raleigh 2014
Evolution Guarujá 2015
June 29, 2015 – Evolution Conference Garuja Brazil. – “Asymmetrical introgression
in Trachemys turtles” - W. Brian Simison

Workshops attended

Davis – Genome assembly – one week, 2018
Davis – eDNA analyses – one week, 2018
Berkeley - Python– one week, 2018
Auckland New Zealand - BEAST one week, 2017
Davis - Genome annotation -- one week, 2011

Mentorship

High School Mentees

Vicki Deng (CiS intern) Now at Reed College - vdeng@calacademy.org
Shakila King (CiS intern) sking@calacademy.org
Alejandro Duran (CiS intern) aduran@calacademy.org
Leonel Gonzalez (CiS intern) lgonzalez@calacademy.org
Ashley Osorio (CiS intern) aosorio@calacademy.org
Don Bautista (CiS intern) dbautista@calacademy.org

Undergraduate Mentees

Crystal Grissom (SSI – 2023)
Kyle Sirovy – CS Fullerton undergrad
Joshua Rodriguez – CS Fullerton undergrad
Noelle Bittner (SSI – 2007) - nbittner@berkeley.edu
April Wright (SSI - 2007) now faculty at SE. Louisiana U -
april.wright@southeastern.edu
Ilana Arbisser (SSI - 2011) - IArbisser@calacademy.org
Eden Maloney (SSI – 2012) - eden.maloney@gmail.com
Lydia Paradiso (SSI - 2013) Now PhD student at CUNY - ltp2@njit.edu
Madison Hansen (SSI - 2014) - madhayhansen@gmail.com
Megan Andrews (SSI – 2016) - mrandrews@ucdavis.edu
David Manahan (SSI - 2017) Now Phd Student at UC Berkeley - dmanahan@usc.edu

Graduate Mentees

Brooke Weinstein (SFSU Masters) - bro5oke@gmail.com
Marcel Talla Kouete – Cameroon Masters student SFSU

Liz Carlen (SFSU Masters) - lcarlen@gmail.com
Moises Bernal (UT Austin PhD) - bernal.moises@gmail.com
Shayle Matsuda (SFSU Masters) - shaylematsuda@gmail.com
Josh Hallas (SFSU Masters) - joshua.hallas@gmail.com
Dana Carrison (SFSU Masters) - DCarrison-Stone@calacademy.org
Noel Graham (SFSU Masters) - synapsida@gmail.com
Norah Saarman (UCSC PhD) - nosaarman@gmail.com
Leila Carmona Barnosi (PhD Spain U. Cadiz) - laviejasirena_nur@hotmail.com
Yolanda Camacho (SFSU Masters - Costa Rica) - ycamachogarcia@gmail.com
Diana Gamba (SFSU Masters - Columbia)
Camille Nowell (SFSU Masters)
Anthea Carmichael (SFSU Masters)
Eric Garcia (UCSC PhD) - elpatondeeric@gmail.com
Laura Zamorano (SFSU Masters) - LZamorano@calacademy.org

Postdoctoral Mentees

Danny Nielsen - dannynielsen0@gmail.com
Michelle Gaither - michellergaither@gmail.com
Darin Penneys - dpenneys@yahoo.com
Gilberto Ocampo (Mexico) - gocampo@calacademy.org
Eva Salas (Costa Rica) - salas.e@gmail.com
Nick Crawford - ngcrawford@gmail.com
Kiko Lazzarotto (Brazil) - kiko_lazzarotto@yahoo.com.br
Marta Pola - mpolaperez@gmail.com
Joel ledford - jmledford@ucdavis.edu
Iria Fernandez - iriafernandezsilva@gmail.com
Dylan Burge - dylan.o.burge@gmail.com
Ruth Bone - ruthbone@gmail.com
Wendy Moore - wmoore@email.arizona.edu
Henrik Krehenwinkel - krehenwinkel@berkeley.edu
Darko Cotoras - DCotoras@calacademy.org

Online resources:

GitHub:

Astral trees from Phyluce UCE pipeline
Python course
eDNA analysis pipeline
Microsatellite NGS pipeline “Bathwater”
Fixed trees for BEAST2
RADseq pipeline “RADnome”

YouTube videos:

How to use MrModeltest2 in Windows (more than 5,000 views)
Adding MrModeltest model to a NEXUS command block (more than 1,000 views)

IBSS CCG wiki (internal access only):

Main page

IBSS server Systems

Galaxy admin notes

Stacks set up notes

Tutorials (internal access only):

ddRADseq and Structure analysis

Combining RAD Tag Illumina data from different runs

Using Structure 2.3.4

Using Distruct 1.1

Using Migrate 3.4.4

Using BayeScan

Ssh with Xwindows

Linux Processes and background jobs

Running Geneious from Linux servers

Using GlobuGridFTP

Setting up PostgreSQL database for Galaxy

System Notes for CCG Ubuntu servers