

## *Curriculum Vitae*

### **Donald K. Price**

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#### **PROFESSIONAL EXPERIENCE**

- Professor**, School of Life Sciences, University of Nevada, Las Vegas; 2016 - present  
**Graduate Faculty**, University of Nevada, Las Vegas; 2016 – present  
**Director**, School of Life Sciences, University of Nevada, Las Vegas; 2016 - 2019  
**Adjunct Professor**, Tropical Conservation Biology & Environmental Science Graduate Program, University of Hawai`i at Hilo; 2016 - present  
**Graduate Faculty**, Ecology, Evolution & Conservation Biology, University of Hawai`i, Mānoa; 1998–2016  
**Professor**, Department of Biology, University of Hawai`i at Hilo; 2009 - 2016  
**Director**, Tropical Conservation Biology & Environmental Science Graduate Program, University of Hawai`i at Hilo; 2004 – 2016  
**Director**, Core Genomics Facility at the University of Hawai`i at Hilo; 2008-2016.  
**UH Administrative Specialist**, Office of the Vice President for Research, University of Hawai`i System and **Co-Project Director** Hawai`i's National Science Foundation EPSCoR program; 2002 - 2009.  
**Associate Professor**, Department of Biology, University of Hawai`i at Hilo; 2000 - 2009  
**Assistant Professor, Department** of Biology, University of Hawai`i at Hilo; 1996 - 2000.  
**Assistant Professor**, Department of Biology, Texas A&M University - Commerce; 1994 - 1996.  
**Postdoctoral Research Associate**, NSF Training Program in Genetic Mechanisms of Evolution. University of Oregon. Sponsors - Drs. I. L. Heisler, R. Lande, M. Lynch, E. Selker, F. Stahl; 1992 - 1994.  
**Postdoctoral Research Trainee**, National Institutes of Health Training Program in Ethology. University of Tennessee. Sponsor - Dr. Christine R. B. Boake; 1991 - 1992.  
**Research Assistant**. University of Illinois. Zebra Finch Project Director during Dr. Burley's sabbatical leave. DNA-fingerprinting research project; 1986 - 1987, 1989 - 1990.  
**Teaching Assistant**, Department of Ecology, Ethology, and Evolution, University of Illinois; 1985 - 1986, 1987 - 1988. Courses: Animal Behavior, Behavioral Ecology, General Biology, Sociobiology, and Vertebrate Natural History.  
**Research Assistant**. Illinois State University. House Wren Project Director during Dr. Thompson's sabbatical leave. Genetic paternity and maternity identification; 1984 - 1985.  
**Teaching Assistant**, Department of Biological Sciences, Illinois State University; 1983 - 1984. Courses: General Biology, Zoology, and Ecology.  
**Teaching Assistant**, Itasca Biological Station and Laboratories, University of Minnesota; 1982.

#### **EDUCATION**

- Ph.D. in Biology, Department of Ecology, Ethology, and Evolution, University of Illinois**, Champaign Illinois. Advisor – Dr. Nancy T. Burley; 1991.  
**M.S. in Biology, Illinois State University**, Normal, Illinois. Advisor - Dr. Charles F. Thompson; 1986.  
**B.S. in Biology, University of Minnesota**, Minneapolis, Minnesota; 1980.

## ADMINISTRATIVE EXPERIENCE

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**Director of the School of Life Sciences (SoLS)** at the University of Nevada, Las Vegas (UNLV) (2016-2019) [www.unlv.edu/lifesciences](http://www.unlv.edu/lifesciences)

- SoLS is the largest School/Department in the College of Sciences. SoLS has 38 faculty in seven overlapping units: Biomathematics, Biological Education and Assessment, Cell and Molecular Biology, Ecology and Evolutionary Biology, Integrative Physiology, Microbiology, and Quantitative Biology and Bioinformatics. There are 5 laboratory coordinators and 5 office staff.
- SoLS has approximately 1900 undergraduate majors, 45 PhD and 10 MS graduate students.
- I oversaw 12 financial accounts in SoLS with a total of ~\$6.9M per year. In SoLS there are ~\$2.8M in new extramural awards each year with a total of ~60 extramural awards of ~\$14M.
- UNLV embarked on a Top Tier initiative starting in 2016 that promises to add additional faculty, graduate students, post-doctoral scientists and technical staff to augment the undergraduate and graduate programs. As part of this, I led the development with several faculty a strategic plan in SoLS for future faculty hires that will build on the current research strengths and integrate across the research and teaching disciplines. Under my leadership, SoLS hired three new assistant professors, two teaching faculty, and one research faculty, and added graduate assistantship positions.
- I conducted listening tours with the faculty to discuss current issues and new opportunities in the SoLS. From these listening tours, I worked with the faculty to develop programs to integrate the life sciences through a new common core course for graduate students, broadening career opportunities for undergraduate and graduate students, enhancing core, elective, and capstone courses for undergraduate students. We enhanced the confocal microscopy center, initiated a biological computing center and the planning for a new greenhouse facility. We initiated a faculty teaching flexibility program to allow faculty to adjust teaching across the year to promote team teaching and provide extended time for research.
- I worked with a group of faculty to enhance the graduate program by developing a new Core Course for entering graduate students, increasing graduate student recruitment, and diversifying graduate-level elective course offerings.
- I fostered the development of programs to promote the retention and graduation of undergraduate students especially for students from under-represented groups and economically disadvantaged students by promoting greater engagement in large lecture courses and providing students with more experiential learning opportunities. We have recently received an NSF S-STEM grant to enhance the retention and advancement of undergraduate students from economically disadvantaged groups.

**Director of the Tropical Conservation Biology and Environmental Science (TCBES) graduate program** at the University of Hawai'i at Hilo (UH Hilo) (2004-2016). [tcbes.uhh.hawaii.edu](http://tcbes.uhh.hawaii.edu)

- I was the principal organizer and Founding Director of the TCBES program that was established in 2004. The program was developed over a period of 4 years from the initial planning stages to the development of a proposal to the UH Board of Regents and accreditation from the Western Association of Schools and Colleges.
- The TCBES graduate program is an interdisciplinary graduate program that is ideally suited to Hawai'i and the Pacific Region.
- TCBES has 45 faculty from 6 departments in the College of Arts & Sciences (Anthropology, Biology, Chemistry, Geology, Geography, Marine Science) and the College of Agriculture.

- TCBES has more than 30 adjunct faculty from Federal and State agencies on Hawai`i Island (e.g. USGS, US Fish & Wildlife, US Forest Service, US National Park Service, USDA, NOAA, Hawai`i Dept. Land & Natural Resources)
- TCBES had 130 graduates in the first 12 years with 45-55 students typically enrolled in the program while I was director. From the first 12 cohorts of students that obtained their master's degree, 72 graduates are working in federal, state and non-government agencies and conservation groups in Hawai`i. Twenty-two graduates went on to PhD programs, 23 are STEM educators in Hawai`i in K-12 and community colleges and 19 are technicians in other states.
- I was the Principal Investigator of two NSF Centers for Research Excellences in Science and Technology (CREST) grants (\$10M total) that supported the TCBES program. Through these NSF CREST grants we enhanced the research capabilities of the faculty in the TCBES graduate program and promoted the advancement of students from groups historically underrepresented in the science, especially Native Hawaiians, other Pacific Islanders and Filipinos.
- I helped initiate the partnership between TCBES and the Organization for Tropical Studies (OTS) in Costa Rica to develop an OTS-like program in Hawai`i. OTS is a consortium of approximately 60 universities administered from Duke University with several field stations in Costa Rica.

**UH Administrative Specialist and Co-Project Director of Hawai`i NSF Experimental Program to Stimulate Competitive Research (EPSCoR) program (2002-2009).**

- As University of Hawai`i Administrative Specialist and Co-Project Director I reported to Dr. James Gaines, VP for Research at the University of Hawai`i System, Dr. Rose Tseng, the previous Chancellor of University of Hawai`i at Hilo, and Mr. Maurice Kaya, Chief Technology Officer at Hawai`i Department of Economic Development and Tourism (DBEDT), the previous co-Chairs of the EPSCoR State-wide Committee.
- I interacted with key faculty and staff at the University of Hawai`i and DBEDT to develop research and educational programs. The main focus of the program was the NSF EPSCoR Research Infrastructure Improvement (RII) grants under which there were 3 other key administrative team members and 6 key faculty members serving as Focal Area Science and Technology (FAST) team leaders. The three research themes were 1) Evolutionary and Ecological Genetics, 2) Ecosystems Response to Environmental Change, and 3) Cyberinfrastructure for Environmental Research and Education. Two additional personnel represented the program's human resources and workforce development and education components.
- I was the key organizer and the primary grant developer working with all project personnel and others to develop and implement two successful grant programs for the University of Hawai`i, totaling approximately \$18,000,000.
- The implementation of these RII programs across multiple university campuses and agencies was complex. I was the key organizer for the administrative team, FAST team leaders, and a diversity of other program faculty and agency personnel. I worked in a collegial, open, and respectful manner to bring out the strengths and talents within this diverse group and to best serve the interests of the people involved in the program.
- This exceptionally challenging and rewarding program has fostered the development of a diverse research and education portfolio built on collaborations among faculty from UH Mānoa, UH Hilo, and the UH Community Colleges, along with professionals from Hawai`i-based federal and state agencies and universities outside of Hawai`i.

## GRANTS, AWARDS &amp; FELLOWSHIPS

	<b>Funding</b>	<b>Amount</b>	<b>Year</b>
1.	NIH R15: How Microbiome Composition Modulates Physiological Mechanisms & Gene Expression Networks Critical for Reproduction and Survival in <i>Drosophila</i> . PI: D. Price, co-PI A. Gibbs	\$568,125	In review
2.	NIH INBRE 2023. RAIN: Role of the Gut Microbiome in Thermal Stress Tolerance in <i>Drosophila</i>	\$29,444	23-24
3.	NSF RII Track-2 FEC: From Genome to Phenome in a Stressful World: Epigenetic Regulatory Mechanisms Mediating Thermal Plasticity in <i>Drosophila</i> . PI: S. Cahan, co-PI <u>D. Price</u>	\$400,000	21-23
4.	NSF S-Stem: Developing the Skill and Will to Succeed in STEM. PI: J. Utz, co-PIs Drs <u>D. Price</u> , K. Rafferty, C. Strong and M. Bernacki	\$647,407	18-23
5.	UNLV Faculty Top Tier Doctoral Graduate Research Assistantship Grant Program PI <u>Dr. D. Price</u>	\$53,333	17-20
6.	NSF CREST program. PI: <u>Dr. D. Price</u> , co-PIs: Drs. P. Hart, E. Stacy, M. Takabayashi	\$4,999,999	14-19
7.	NSF Dimensions Program: Collaborative Research: A community-level approach to understanding speciation in Hawaiian lineages. PI: Dr. R. Gillespie, co-PIs: <u>Drs. D. Price</u> , D. Gruner, J. Harte, P. O'Grady, R. Nielsen, N. Martinez, D. Percy, K. Shaw.	\$2,000,000	13-18
8.	Hau'oli Mau Loa Foundation. Graduate Student Fellowships for TCBES Graduate Program. PI: <u>Dr. Price</u> (transferred to Dr. Ostertag, new Director of TCBES)	\$314,445	15-19
9.	Hau'oli Mau Loa Foundation. Graduate Student Fellowships for TCBES Graduate Program. PI: <u>Dr. D. Price</u>	\$324,560	12-15
10.	NSF CREST Program. PI: <u>Dr. D. Price</u> , co-PIs: Drs. P. Hart, E. Stacy, M. Takabayashi	\$4,999,809	09-14
11.	Gordon and Betty Moore Foundation. Barcoding on Hawai'i Island Project. PIs: Drs. <u>D. Price</u> and E. Stacy.	\$1,811,110	08-14
12.	Animal and Plant Health Inspection Service (APHIS). Development of Irradiation Treatments for Invasive Pests. PI: <u>Dr. D. Price</u> , co-PI: Dr. P. Follett	\$70,000	10-11
13.	NSF 20th Annual EPSCoR Conference. PI: Dr. R. Tseng, co-PIs: T. Chong, <u>Dr. D. Price</u> .	\$429,518	07-08
14.	NSF GK-12 Program. PI: <u>Dr. D. Price</u> , co-PIs: Drs. E. Stacy, J. Zulich	\$1,826,000	06-09
15.	NSF EPSCoR Program. PI: Dr. J. Gaines, co-PIs: Drs. <u>D. Price</u> , K. Kaneshiro	\$8,999,994	06-09
16.	NSF Research Experiences for Undergraduates SITE Grant. PIs: <u>Dr. D. Price</u> , Ms. S. Zeigler-Chong	\$400,000	05-09
17.	NSF EPSCoR Program. PI: Dr. J. Gaines, co-PIs: Drs. <u>D. Price</u> , K. Kaneshiro (+\$4,500,000 matching - UH)	\$9,000,000	03-05
18.	DOD - DEPSCoR Planning Grant. PI: <u>Dr. D. Price</u>	\$30,000	02-03
19.	NSF EPSCoR Planning Grant. PI: <u>Dr. D. Price</u> , co-PI: Dr. E. Laws	\$156,000	02-03
20.	NSF Research Experiences for Undergraduates SITE grant. PIs: <u>Dr. D. Price</u> , Ms. S. Zeigler-Chong	\$321,500	02-05
21.	UH Hilo Seed Grant: Inbreeding and Inbreeding Depression the Native Hawaiian Goose, Nene. PI: <u>Dr. D. Price</u>	\$12,500	01-02
22.	UH Hilo Bridge Grant: Quantitative Trait Loci Analysis in Hawaiian <i>Drosophila</i> . PI: <u>Dr. D. Price</u>	\$18,000	01-02
23.	NSF REU supplement to CAREER Grant. PI: <u>Dr. D. Price</u>	\$10,000	00-01
24.	NSF ROA supplement to CAREER Grant. PI: <u>Dr. D. Price</u>	\$16,332	00-01

25.	NSF CAREER Award: Population Subdivision and Reproductive Isolation in Two Hawaiian Picture-winged Flies. PI: <u>Dr. D. Price</u>	\$ 310,000	99-04
26.	NSF Undergraduate Mentoring in Environmental Biology grant: Ecology, Evolution and Conservation Biology in the Pacific. PIs: Drs. R. Gillespie, M. Hadfield, <u>D. Price</u> , I. Richmond, G. Roderic	\$ 274,936	99-03
27.	NSF Course Curriculum & Laboratory Improvement Grant. Curriculum Development for Ecology, Evolution and Conservation Biology Program. PI: <u>Dr. D. Price</u> , co-PIs: Drs. W. Mautz, G. Gerrish (+\$100,001 matching UHH)	\$100,001	99-02
28.	NIH MBRS Program grant. Genetic Dissection of Behavior in two Hawaiian <i>Drosophila</i> species. PI: <u>Dr. D. Price</u>	\$524,040	98-01
29.	NSF Research at Undergraduate Institutions Grant. Quantitative Trait Loci in <i>Drosophila</i> . PI: <u>Dr. D. Price</u>	\$130,000	96-00
30.	NSF Research Experiences for Undergraduates - Supplement to NSF-RUI grant. PI: <u>Dr. D. Price</u>	\$10,000	96-99
31.	ORG, Texas A&M University - Commerce: Toxic Chemicals and Conspicuous Coloration in Lady Bird Beetles. PI: <u>Dr. D. Price</u>	\$7,000	96
32.	Faculty Mini-Grant, Texas A&M University - Commerce: <i>Drosophila</i> Genetics. PI: <u>Dr. D. Price</u>	\$400	96
33.	ORG, Texas A&M University - Commerce: Genetics of Complex Traits in <i>Drosophila</i> . PI: <u>Dr. D. Price</u>	\$8900	95
34.	Faculty Mini-Grant, Texas A&M University - Commerce: <i>Drosophila</i> Genetics. PI: <u>Dr. D. Price</u>	\$400	94
35.	NSF Postdoctoral Fellowship in Genetic Mechanisms of Evolution - University of Oregon. Spontaneous Mutations and Sexual Selection in <i>Drosophila</i> . PI: Dr. M. Lynch, Dr. L. Heisler (Post-doc advisor) and others.	\$50,000	92-94
36.	NIH Postdoctoral Traineeship in Ethology - University of Tennessee. Behavioral Isolation and the Genetics of Species Differences in Hawaiian Picture-Winged Flies. PI: Dr. C.R.B. Boake (Post-doc advisor)	\$27,400	91-92
37.	Banks Award for the Outstanding Ethology Student - University of Illinois.	\$500	90
38.	NSF Dissertation Improvement Grant. Quantitative Genetics and Sexual Selection in Zebra Finches. PIs: Dr. Burley, <u>D. Price</u>	\$4050	89-91
39.	Dissertation Research Grant – University of Illinois. The Evolution of Bill Color in Zebra Finches. PI: <u>D. Price</u>	\$725	89-91
27.	Graduate College Conference Travel Awards - University of Illinois	\$100	89
28.	Graduate College Conference Travel Awards - University of Illinois	\$100	88
29.	Graduate College Conference Travel Awards - University of Illinois	\$100	86
30.	Summer Fellowship–Univ. of Illinois: Mate Choice in Zebra Finches. PI: <u>D. Price</u>	\$1200	86
31.	Sigma Xi Research Grant: House Wren Mating System. PI: <u>D. Price</u>	\$325	84
32.	Phi Sigma Research Grant – Illinois State University: House Wren Mating System. PI: <u>D. Price</u>	\$350	84
33.	Phi Sigma Research Grant – Illinois State University: House Wren Mating System. PI: <u>D. Price</u>	\$125	83
	<b>Total</b>	\$38,888,728	

## PEER-REVIEWED PUBLICATIONS

\* Undergraduate Students, \*\*Graduate Students, + Underrepresented groups

1. Pinili, K., Billings, A., Li, D., Morales, K., Price, D. K., in review, Female thermal stress alters female choice and male courtship in *Drosophila mojavensis*. *Behavioral Ecology*
2. Medeiros, M. J., Burger, A. D., Price, D. K., and Yew, J. Y. 2025. Microbiome flexibility supports the invasiveness of *Drosophila suzukii*. *Frontiers in Ecology and Evolution* 13 doi.org/10.3389/fevo.2025.1696606
3. Medeiros, M. J., Schoville, S., Price, D. K., and Yew, J. Y. 2025. Abiotic factors are the primary determinants of endemic Hawaiian *Drosophila* microbiome assembly. *bioRxiv* doi.org/10.1101/2025.05.06.652154
4. Price D.K., West, K.\*, Cevallos-Zea, M.\*\*, Cahan, S.H., Nunez, J.C.B., Longman, E.K., Yew, J.Y., Medeiros M.J. 2025. Microbiome composition shapes temperature tolerance in a Hawaiian picture-winged *Drosophila*. *J Exp Biol* 2025; jeb.250973. <https://doi.org/10.1242/jeb.250973>
5. Medeiros, M. J., Seo, L.\*+, Macias, A.+ , Price, D. K., Yew, J. W., 2024. Bacterial and fungal components of the microbiome have distinct roles in Hawaiian *Drosophila* reproduction, *ISME Communications*, Volume 4, <https://doi.org/10.1093/ismeco/ycae134>
6. Kim, B. Y. , H. R. Gellert, S. H. Church\*\*, A. Suvorov, S. S. Anderson, O. Barmina, S. G. Beskid, A. A. Comeault, K. N. Crown, S. E. Diamond, S. Dorus, T. Fujichika, J. A. Hemker, J. Hrcek, M. Kankare, T. Katoh, K. N. Magnacca, R. A. Martin, T. Matsunaga, M. J. Medeiros, D. E. Miller, S. Pitnick, S. Simoni, T. E. Steenwinkel, M. Schiffer, Z. A. Syed, A. Takahashi, K. H-C. Wei, T. Yokoyama, M. B. Eisen, A. Kopp, D. Matute, D. J. Obbard, P. M. O’Grady, D. K. Price, M. J. Toda, T. Werner, D. A. Petrov. 2024. Single-fly assemblies fill major phylogenomic gaps across the Drosophilidae Tree of Life *PLOS Biol*
7. Corpuz. R.L\*\*\*, M. R. Bellinger, A. Veillet, K. N. Magnacca and D. K. Price. 2023. The Transmission Patterns of the Endosymbiont Wolbachia within the Hawaiian Drosophilidae Adaptive Radiation. *Genes* 2023, 14, 1545. <https://doi.org/10.3390/genes14081545>
8. Pinzari, C.\*\*, Bellinger, M.R., Price, D.K. and Bonaccorso, F. 2023. Genetic diversity, effective population size and structure of an endangered, endemic bat, ‘ōpe‘ape‘a (*Lasiurus semotus*) across the Hawaiian Islands. *PeerJ* <https://doi.org/10.7717/peerj.14365>
9. Fezza, T.J\*\*, M.M. Siderhurst, E.B. Jang, E.M. Stacy, and D.K. Price. 2022. Phenotypic disruption of cuticular hydrocarbon production in hybrids between sympatric species of Hawaiian picture-wing *Drosophila*. *Scientific Reports* <https://www.nature.com/articles/s41598-022-08635-w>
10. Suvorov, A., B.Y. Kim, J. Wang, E. Armstrong\*\*, D. Peede, E. R. R. D’Agostino, D.K. Price, M. Lang, V. Courtier-Orgogozo, J.R. David, D. Petrov, D.R. Matute, D.R. Schrider, and A.A. Comeault. 2022. Widespread introgression across a phylogeny of 155 *Drosophila* genomes. *Current Biology* 12: 111-123. <https://www.sciencedirect.com/science/article/abs/pii/S0960982221014962>
11. Kim, B.Y., J.R. Wang, D. E. Miller, O. Barmina, E. Delaney, A. Thompson, A.A. Comeault, D. Peede, E. R. R. D’Agostino, J. Pelaez, J.M. Aguilar, D. Haji, T. Matsunaga, E.E. Armstrong\*\*, M. Zych., Y. Ogawa, M. Stamenković-Radak, M. Jelić, M. Savić Veselinović, M. Tanasković, P. Erić, J. Gao, T.K. Katoh, M.J. Toda, H. Watabe, M. Watada, J. Davis, L. Moyle, G. Manoli, E. Bertolini, V. Košťál, R.S. Hawley, A. Takahashi, C.D. Jones, D.K. Price, N. Whiteman, A. Kopp, D.R. Matute, D.A. Petrov. 2021. Highly contiguous assemblies of 101 *Drosophila* genomes. *eLife*
12. Curbelo, K.\*\*\*, D. K. Price and J. B. U. Koch. 2021. Brief assessment of *Drosophila suzukii* (Diptera: Drosophilidae) abundance in forest and non-forested habitats across an altitude gradient on Mauna Loa, Hawai‘i. *Pacific Science*
13. Roy, K.\*\*\*, C. P. Ewing, and D. K. Price. 2021. Diet Analysis of Hawai‘i Island’s *Blackburnia hawaiiensis* (Coleoptera: Carabidae) using Stable Isotopes and High-Throughput Sequencing. *Pacific Science* 74, 245-256

14. Pinzari, C. A.\*\*\*, L. Kang, P. Michalak, L.S. Jermini, D.K. Price, and F.J. Bonaccorso. 2020. One-way ticket to paradise: Genomic signatures of evolutionary separation between Hawaiian hoary bat populations. *Genome Biology and Evolution* 12:1504-1514
15. Olazcuaga, L.\*\*\*, A. Loiseau, H. Parrinello, M. Paris, A. Fraimout, C. Guedot, L.M. Diepenbrock, M. Kenis, J. Zhang, X. Chen, N. Borovieck, B. Facon, H. Vogt, D.K. Price, H. Vogel, B. Prud'homme, A. Estoup and M. Gautier. 2020. A whole-genome scan for association with invasive success in the fruit fly *Drosophila suzukii* using contrasts of allele frequencies corrected for population structure. *Molecular Biology and Evolution* 37: 2369-2385
16. Petillon, J., K. Privet\*\*, G. Roderick, R. Gillespie, and D.K. Price. 2020. Invasive spiders change assemblages of Hawaiian forest fragment kipuka over space and time. *NeoBiota* 55: 1-9.
17. Koch, J.B.+, J.R. Dupuis, M-K. Jardelez\*\*+, N. Ouedraogo\*\*+, S.M. Geib, P.A. Follett, and D.K. Price. 2020. Population genomic and phenotype diversity of the invasive *Drosophila suzukii* in Hawai'i. *Biological Invasions* 22, 1753-1770 doi.org/10.1007/s10530-020-02217-5
18. Verster, K.I.\*\*\*, J.H. Wisecaver, R.P. Duncan, M. Karageorgi, A.D. Gloss, E. Armstrong\*\*, D.K. Price, A.R. Menon, Z.M. Ali, N.K. Whiteman. 2019. Horizontal transfer of prokaryotic cytolethal distending toxin genes to eukaryote. *Molecular Biology and Evolution* 36: 2105–2110
19. Sarikaya, D.P.\*\*\*, S.H. Church\*\*, L.P. Lagomarsino, K.N. Magnacca, S. Montgomery, D.K. Price, K.Y. Kaneshiro, C.G. Extavour. 2019. Reproductive capacity evolves in response to ecology through common developmental mechanisms in Hawaiian *Drosophila*. *Current Biology* 29: 1877-1884.
20. Ekar, J.\*\*\*, D.K. Price, M.A. Johnson\*\* and E.A. Stacy. 2019. Drivers of incipient sympatric speciation in the highly dispersible tree, *Metrosideros polymorpha*, across a sharp and narrow ecotone. *American Journal of Botany* 106: 1106-1115
21. Johnson, M.\*\*\*, Y. Pillon, T. Sakishima\*\*, D.K. Price, and E. Stacy. 2019. Multiple colonizations, hybridization and uneven diversification in Cyrtandra (Gesneriaceae) lineages on Hawaii Island. *Journal of Biogeography* 46: 1178-1196
22. Eldon, J.\*\*\*, M.R. Bellinger, and D.K. Price. 2019. Hawaiian picture wing *Drosophila* exhibit divergent adaptation along a narrow climatic gradient on Hawaii Island. *Ecology and Evolution*.1-13
23. Billings, A.C., K.E. Schultz\*, W. E. Jones\*\*, E.A. Hernandez\*\*+, and D.K. Price. 2018. Male courtship behaviors and female choice reduced during experimental starvation stress. *Behavioral Ecology* 30, 231–239.
24. Kang, L.\*\*\*, P. George, D. K. Price, I. Sharakhov, P. Michalak. 2017. Mapping Genomic Scaffolds to Chromosomes Using Laser Capture Microdissection in Application to Hawaiian Picture-winged *Drosophila*. *Cytogenetic and Genome Research* 152:204-212.
25. Kang, L.\*\*\*, H. Garner, D. K. Price, P. Michalak. 2017. A test for gene flow among sympatric and allopatric Hawaiian picture-winged *Drosophila*. *Journal of Molecular Evolution* 84, 259-266.
26. Stacy, E.A., B. Paritosh\*, M.A. Johnson\*\* and D.K. Price. 2017. Incipient ecological speciation between successional varieties of a dominant tree involves intrinsic postzygotic isolating barriers. *Ecology and Evolution* 7: 2501–2512.
27. Fraimout, A.\*\*\*, V. Debat, S. Fellous, R.A. Hufbauer, J. Foucaud, P. Pudlo, J-M. Marin, D.K. Price, J. Cattel, X. Chen, M. Deprá, P.F. Duyck, C. Guedot, M. Kenis, M.T. Kimura, G. Loeb, A. Loiseau, I. Martinez-Sañudo, M. Pascual, M.P. Richmond, P. Shearer, N. Singh, K. Tamura, A. Xuéreb, J. Zhang, A. Estoup. 2017. Deciphering the routes of invasion of *Drosophila suzukii* by means of ABC random forest. *Molecular Biology and Evolution* 34 (4), 980-996.
28. Bierwagen, S.L.\*\*\*, D.K. Price, A.A. Pack, C.G. Meyer. 2017. Bluespine Unicornfish (*Naso unicornis*) are both natural control agents and mobile vectors for invasive algae in a Hawaiian Marine Reserve. *Marine Biology*
29. Stacy, E.A. J. B. Johansen, B.A. Paritosh\*\*+, M.A. Johnson\*\*, D.K. Price. 2016. Genetic analysis of an ephemeral intraspecific hybrid zone in the hypervariable tree, *Metrosideros polymorpha*, on Hawai'i Island. *Heredity* 117: 173-183

30. Brill, E.\*\*+, L. Kang, K. Michalak, P. Michalak, D.K. Price. 2016. Hybrid sterility and evolution in Hawaiian *Drosophila*: differential gene and allele-specific expression analysis of backcross males. *Heredity* 117: 100–108.
31. Kang, L.\*\*+, R. Settlage, K. McMahon, K. Michalak, H. Tae, H. Garner, E.A. Stacy, D.K. Price & P. Michalak. 2016. Genomic signatures of speciation in sympatric and allopatric Hawaiian picture-winged *Drosophila*. *Genome Biology and Evolution* 8: 1482-1488.
32. Johnson, M.\*\*+, D.K. Price, J.P. Price, E. Stacy. 2015. Postzygotic barriers isolate sympatric species of *Cyrtandra* (Gesneriaceae) in Hawaiian montane forest understories. *American J. Botany* 102: 1870-1882. doi:10.3732.
33. Magnacca, K. and D.K. Price. 2015. Rapid adaptive radiation and host plant conservation in the Hawaiian picture wing *Drosophila* (Diptera: Drosophilidae). *Molecular Phylogenetics and Evolution* 92: 226-242.
34. Rominger, A.J.\*\*+, K. R. Goodman, J. Y. Lim, F. S. Valdovinos, E. Armstrong\*\*, G. M Bennett, M. S. Brewer, D. D. Cotoras\*\*, C. P. Ewing, J. Harte, N. Martinez, P. O'Grady, D. Percy, D. Price, G. K. Roderick, K. Shaw, D. S. Gruner, R. G. Gillespie. 2015. Community assembly on isolated islands: Macroecology meets evolution. *Global Ecology and Biogeography* 25, 769-780
35. Fraimout, A.\*\*+, A. Loiseau, D.K. Price, A. Xuereb, J-F. Martin, R. Vitalis, S. Fellous, V. Debat & A. Estoup. 2015. New set of microsatellite markers for the spotted-wing *Drosophila suzukii* (Diptera: Drosophilidae): a promising molecular tool to infer the invasion history of this major insect pest. *European Journal of Entomology* 112: 855-859
36. Uy, K.L.\*\*+, R. LeDuc, C. Canotte, and D.K. Price. 2015. Physiological effects of heat stress on Hawaiian picture-wing *Drosophila*: genome-wide expression patterns and stress-related traits. *Conservation Physiology* 3 doi:10.1093/conphys/cou062.
37. Stacy, E.A., J.B. Johansen, T. Sakishima\*, D.K. Price, and Y. Pillon. 2014. Incipient radiation in the dominant Hawaiian tree *Metrosideros polymorpha*. *Heredity* 113: 334-342.
38. Follet, P.A., A. Swedman and D.K. Price. 2014. Postharvest irradiation treatment for quarantine control of *Drosophila suzukii* (Diptera: Drosophilidae) in fresh commodities. *Journal of Economic Entomology* 107:964-969.
39. Price, D. K., S. Souder\*\*+, and T. Russo-Tait\*\*+. 2014. Sexual selection, epistasis and species boundaries in sympatric Hawaiian picture-winged *Drosophila*. *Journal of Insect Behavior* 27: 27-40.
40. Pillon, Y., J. Johansen, T. Sakishima\*\*, S. Chamala\*\*, W.B. Barbazuk, E.H. Roalson, D.K. Price and E.A. Stacy. 2013. Potential use of low-copy nuclear genes in DNA barcoding: a comparison with plastid genes in two Hawaiian plant radiations. *BMC Evolutionary Biology* 12:35-42
41. Pillon, J., J.B. Johansen, T. Sakishima\*\*, E.H. Roalson, D.K. Price & E.A. Stacy. 2013. Gene discordance in phylogenomics of recent plant radiations, an example from Hawaiian *Cyrtandra* (Gesneriaceae). *Molecular Phylogenetics and Evolution* 9: 293-298
42. Eldon, J.\*\*+, J.P. Price, K. Magnacca and D.K. Price. 2013. Patterns and processes in complex landscapes: testing alternative biogeographic hypotheses through integrated analysis of phylogeography and community ecology in Hawai'i. *Molecular Ecology* 22: 3613–3628.
43. Magnacca, K.N. and D.K. Price. 2012. New species of Hawaiian picture-wing *Drosophila* (Diptera: Drosophilidae), with a key to species. *Zootaxa* 3188: 1–30.
44. Price D. K., and C. C. Muir. 2008. Conservation implications of hybridization for the genetic integrity of Hawaiian *Drosophila*. *Molecular Phylogenetics and Evolution*, 47:1217-1226.
45. Veillet, A.\*\*+, R. Shrestha, D.K. Price 2008. Polymorphic microsatellites in nēnē, the endangered Hawaiian Goose (*Branta sandvicensis*). *Molecular Ecology Resources*, 8: 1158-1160.
46. Souza, E\*\*+, P. Follett, D.K. Price, and E. Stacy. 2008. Field Suppression of the Invasive Ant *Wasmannia auropunctata* (Hymenoptera: Formicidae) in a Tropical Fruit Orchard in Hawaii. *J. Econ. Entomol.* 101: 1068-1074.
47. Muir, C. and D. K. Price. 2008. Population structure and genetic diversity in two declining populations of Hawaiian picture-winged Flies. *Molecular Phylogenetics and Evolution* 47: 1173-1180.

48. Erickson, D. L., C. B. Fenster, H.C. Stenoien\*\* and D. K. Price. 2004. Quantitative trait locus analyses and the study of evolutionary process. *Molecular Ecology* 13 (9): 2505-2522.
49. Follett, P. A., S. DeLuz\*+, R. A. Lower, and D. K. Price. 2003. Suitability of lychee fruits on and off the tree for *Cryptophlebia* spp. *Proceedings of the Hawaiian Entomology Society* 36: 89-104.
50. Dohm, M.R., S.L. Moore, C. C. Muir, A. M. Reza\*+, D. K. Price, and W. J. Mautz. 2001. Molecular population phylogeny and cold tolerance of Hawaiian picture-winged *Drosophila silvestris* and *D. heteroneura*. *American Zoologist*. 41: 1426.
51. Hansen, T.F. and D.K. Price. 1999. Age- and sex-distribution of the mutation load. *Genetica*. 106:251-262.
52. Price, D.K. and T.F. Hansen 1998. How does offspring quality change with age in male *Drosophila melanogaster*? *Behavior Genetics* 28:395-402.
53. Boake, C.R.B., D. K. Price and D. K. Andreadis. 1998. Inheritance of behavioural differences between two interfertile, sympatric species, *Drosophila silvestris* and *D. heteroneura*. *Heredity* 80:642-651
54. Price, D.K. 1996. Sexual selection, selection load and quantitative genetics of zebra finch bill colour. *Proceedings of the Royal Society of London B*. 263:217-221.
55. Hansen, T.F. and D.K. Price. 1995. Good genes and age: Do old mates provide superior genes? *Journal of Evolutionary Biology* 8: 759-778.
56. Price, D.K. and C.R.B. Boake. 1995. Behavioral reproductive isolation in *Drosophila silvestris*, *D. heteroneura* and their F<sub>1</sub> hybrids. *Journal of Insect Behavior* 8:595-616.
57. Price, D.K. and N.T. Burley. 1994. Constraints on the evolution of attractive traits: selection in male and female zebra finches. *The American Naturalist* 144: 908-934.
58. Price, D.K. and N.T. Burley. 1993. Constraints on the evolution of attractive traits: genetic (co)variation of zebra finch bill color. *Heredity* 71:405-412.
59. Burley, N., D.K. Price, and R. Zann. 1992. Bill color, reproduction and condition effects in wild and domesticated zebra finches. *The Auk* 109:13-23.
60. Burley, N. and D.K. Price. 1991. Extra-pair copulation and attractiveness in zebra finches. *Proceedings of the XX International Ornithological Congress*, Christchurch, N.Z.
61. Price, D.K., G.E. Collier, and C.F. Thompson. 1989. Multiple-parentage broods in the house wren: genetic evidence. *Journal of Heredity* 90:1-5.

## OTHER PUBLICATIONS

1. Price, D.K. 2000. Seeing the future: Natural resources conservation in Hawaii in the year 2000 and beyond. January; *Malamalama Magazine*, University of Hawaii.

## PROFESSIONAL SOCIETY PRESENTATIONS

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1. Price, D. K., 2025. The importance of fine-scale local adaptation in Hawaiian picture wings. *Pacific Entomology and Botany Meeting*, Honolulu, Hawaii.
2. Price, D.K., K. West\*, M. Cevallos-Zea\*\*, M. Medeiros, J. Yew. 2024. Microbiome and temperature tolerance in a Hawaiian picture-winged *Drosophila*. Invited Symposium Presentation at the 3<sup>rd</sup> *International Evolution Conference*, Montreal Canada.
3. Kim, B. H. Gellert, J. Aguilar-Rodriguez, A. Su, S. Beskid, D. K. Price, T. Werner, D. Obbard, D. Petrov. 2024. Ultra-precise mapping of natural selection in *Drosophila*. 3<sup>rd</sup> *International Evolution Conference*, Montreal Canada.
4. Pinzari, C.A. \*\*, M.R. Bellinger, D.K. Price, F.J. Bonaccorso. 2022. Genetic diversity, effective population size and structure of an endangered, endemic hoary bat, *ōpeapea*, across the Hawaiian Islands. *Hawaii Conservation Conference*, Honolulu Hawaii.

5. Price, D.K., A. Moss\*\*, T. Fezza\*\*, E. Stacy. 2019. Reproductive isolation in Hawaiian picture-wing *Drosophila*. *Society for the Study of Evolution Conference*, Providence, Rhode Island.
6. Armstrong, E.\*\*, S. Prost, P. Michalak and D.K. Price. 2018. Genomic analysis of Hawaiian picture-wing *Drosophila* species shows evidence for introgression, positive selection and gene copy number changes associated with host-plant switching and reproductive isolation. *2<sup>nd</sup> Joint Congress on Evolutionary Biology*. Montpellier, France.
7. Armstrong E.\*\*, P. Michalak and D.K. Price. 2018. Host-plant switching and reproductive isolation drive genomic changes in Hawaiian picture-wing *Drosophila* species. *American Genetics Association*, Waimea Hawaii.
8. Schultz, K.E.\*, A.C. Billings, W. E. Jones\*\*, E.A. Hernandez\*\*+, D.K. Price 2018. Experimental evolution of starvation stress in *Drosophila melanogaster* leads to reduced male courtship and female choice. *International Society for Behavioral Ecology*. Minneapolis, Minnesota.
9. Koch, J.B.+ , Price, D. 2017. Rapid adaptation of a global economic pest in Hawai`i. Pacific Entomology Meeting. Honolulu, Hawai`i.
10. Armstrong, E.\*\* and D.K. Price. 2016 Plant-insect association and genome evolution in Hawaiian picture-wing *Drosophila*. *Entomological Society of American, Pacific Branch Meeting*, Honolulu, Hawai`i
11. Newton, K.\*\*, Koch, J.B., Price, D. 2016. The native Hawaiian ‘Ōhelo berry as a potential host for the Spotted Wing *Drosophila* (*Drosophila suzukii*). *Tropical Conservation Biology & Environmental Science Symposium*. Hilo, HI. \*Awarded 1st place for Graduate Student (M.S.) Poster Presentation.
12. Newton, K.\*\*, Koch, J.B., Price, D. 2016. The native Hawaiian ‘Ōhelo berry as a potential host for the Spotted Wing *Drosophila* (*Drosophila suzukii*). *Entomological Society of America, Pacific Branch Meeting*. Honolulu, HI. \*Awarded 1st place for Graduate Student (M.S.) Poster Presentation.
13. Roy, K.\*\*+, C. Ewing, R. Ostertag, D.K. Price. 2015. Effective Conservation through Understanding: the Use of Next-Generation Sequencing and Stable Isotope Analysis on Hawai`i Island’s Montane Arthropods. *Hawai`i Conservation Conference*, Hilo, Hawai`i.
14. Bierwagen, S.L.\*\*, Price, D.K., Pack, A.A., Meyer, C.G. 2015. Bluespine unicornfish (*Naso unicornis*) are both natural control agents and mobile vectors for invasive algae in a Hawaiian marine reserve. *Hawai`i Conservation Conference*, Hilo, Hawai`i.
15. Pinzari, C.A.\*\*, D.K. Price, F. Bonaccorso, M. Von Hoff, A. Russell. 2015. Genetic Variation and Potential Geographic Structure in the Hawaiian Hoary Bat. *Association for Tropical Biology and Conservation*, Honolulu, Hawai`i.
16. Bellinger, M.R., P. Hart, E.H. Paxton, A. Viellet, D.K. Price. 2015. Genome-wide detection of genetic variation reveals insights into population demographics of endemic Hawaiian avian species. *Association for Tropical Biology and Conservation*, Honolulu, Hawai`i.
17. Mueller, M.\*\*, D.K. Price. 2015. The impacts of ecosystem-level changes associated with habitat size, introduced species and climate on the distribution and abundance of endemic Hawaiian *Drosophila* species. *Association for Tropical Biology and Conservation*, Honolulu, Hawai`i.
18. Sakishima, T.\*\*, A. Cuttriss, D.K. Price, E. Stacy. 2015. Local adaptation of the landscape-dominant tropical tree, *Metrosideros polymorpha*, along a steep elevation gradient. *Association for Tropical Biology and Conservation*, Honolulu, Hawai`i.
19. Muller, M.\*\*, D.K. Price. 2014. Islands within Islands: Assessing Threats to Hawaiian *Drosophila* in Fragmented Kīpuka Communities. *Association for Tropical Biology and Conservation*, Cairns. Australia.
20. Pinzari, C.A.\*\*, D.K. Price, F. Bonaccorso, M. Von Hoff, A. Russell. 2014. Inter-island variation and potential geographic structure in Ōpe’a’pea: Implications for conservation management in Hawai`i. *Hawai`i Conservation Conference*, Honolulu, HI.
21. Renee Corpuz\*\*+, Tani Wright\*\*+, Donald K. Price. 2014. Reproductive isolation and population phylogeography of two closely related Hawaiian picture-winged *Drosophila*, *D. sproati* and *D. murphyi*. *Island Biology meeting*, Honolulu, HI.

22. Veillet, A., D. Hu, K. Misajon, J. Jeffrey and D.K. Price. 2014. Genetic Variation and Inbreeding Depression in the endangered Hawaiian goose: Analysis of breeding adults using Microsatellites DNA genotype markers. *Island Biology meeting*, Honolulu, HI.
23. Fezza, T.J.\*\*\*, Siderhurst, M.S., Stacy, E.M., Jang, E.B., Price, D.K. 2014. Epicuticular hydrocarbons and their role in pheromonal communication in two sympatric species of Hawaiian *Drosophila* (*D. heteroneura* and *D. silvestris*) and their F1 Hybrids *Island Biology meeting*, Honolulu, HI.
24. Brill, E.\*\*\*, A. Veillet, P. Michalak, and D. Price. 2014. Assessing sterility, behavior, and gene expression in hybrids between two allopatric endemic Hawaiian *Drosophila* species (*D. silvestris* and *D. planitibia*). *Island Biology meeting*, Honolulu, HI.
25. K. A. Roy\*\*\*, C. P. Ewing, and D.K. Price. 2014. Species divergence, molecular gut analysis, and temperature tolerance of *M. konanus sharp* (Coleoptera: Carabidae) in tropical montane forests throughout Hawai'i Island. *Island Biology meeting*, Honolulu, HI.
26. C. Yakym\*\*\*, J. Awaya, D. Price. 2014. Microbial Diversity Associated with Two Hawaiian *Drosophila*, *D. sproati* and *D. ochracea*, and their Host Plants, *Cheirodendron trigynum* and *Freycinetia arborea*. *American Microbiology Association*, Boston, MA.
27. Brill, E.\*\*\*, T. Fezza\*\*, A. Veillet, E. Stacy, J. Cheng, P. Michalak and D.K. Price. 2014. Reproductive isolation in sympatry & allopatry: Gene expression/sequence analysis of courtship traits & male sterility in Hawaiian *Drosophila*. *Society for the Study of Evolution Conference*, Raleigh NC.
28. Gillespie, R.G, A. Rominger\*\*, D. S Gruner, J. Harte, N. D. Martinez, P. M. O'Grady, D. Percy, D. K Price, K. L Shaw, M. Brewer, D. Cotoras\*, C. Ewing, F. Valdovinos, K. Goodman, K. Magnacca. 2013 Community Assembly on Isolated Islands: Macroecology Meets Evolution. *Special Meeting of the International Biogeography Society: The Geography of Species Associations*. Montréal, Canada
29. Gillespie, R.G., M. Brewer, D. Cotoras\*\*\*, C.P. Ewing, D.S. Gruner, K.R. Goodman, J. Harte, K.N. Magnacca, N.D. Martinez, R. Nielsen, P.M. O'Grady, D. Percy, D.K. Price, D. Rabosky, G.K. Roderick A. Rominger\*\*, and K.L. Shaw. 2013. *Community level approach to understanding speciation in Hawaiian lineages*. Hawai'i Ecosystems Meeting, Hilo, HI.
30. Gillespie, R.G., M. Brewer, D. Cotoras\*\*\*, C.P. Ewing, D.S. Gruner, K.R. Goodman, J. Harte, K.N. Magnacca, N.D. Martinez, R. Nielsen, P.M. O'Grady, D. Percy, D.K. Price, D. Rabosky, G.K. Roderick A. Rominger\*\*, and K.L. Shaw. 2013. *Assembly of Arthropod Communities in Hawaii: Can We Predict Future Response Given A Modified Dynamic?* Hawai'i Conservation Conference. Honolulu, HI.
31. Gruner, D.S., R.G. Gillespie, J. Harte, N.D. Martinez, R. Nielsen, P.M. O'Grady, D. Percy, D.K. Price, D. Rabosky, and K.L. Shaw. 2013. *Using an island chronosequence to explore evolutionary community assembly*. 11th INTECOL International Congress of Ecology. London, UK.
32. Magnacca, K. and D.K. Price. 2013. Rapid radiation and host plant conservation in Hawaiian picture-winged *Drosophila*. *Entomological Society of America*, Austin Texas.
33. Pinzari, C. \*\*, D.K. Price, F. Bonaccorso, M. Vonhof, A. Russell, L. Kirby, and K. Olival. 2013. Accounting for the Perplexity of 'Ope'ape'a: Is there Genetic Variation and Geographical Structure in the Hawaiian Hoary Bat? *International Bat Research Conference*, San Jose Costa Rica.
34. Eldon, J.\*\*\*, J. Price, K. Magnacca and D.K. Price. 2013. Patterns and processes in complex landscapes: Testing alternative biogeographic hypotheses through integrated analysis of phylogeography and community ecology in Hawai'i. *50<sup>th</sup> Anniversary of the Association for Tropical Biology and Conservation*. San Jose, Costa Rica.
35. Price, D.K., A.J. Moss\*\* and P. Michalak. 2012. Genomic analysis of behavioral reproductive isolation in the Hawaiian picture-winged *Drosophila*: *D. heteroneura* and *D. silvestris*. *Society for the Study of Evolution Conference*, Ottawa Canada.

36. Wright, T.\*\* and D.K. Price. 2012 Genotypic and reproductive analyses of species barriers in two closely related sympatric Hawaiian picture-winged *Drosophila*. *Society for the Study of Evolution Conference*, Ottawa Canada.
37. Pelep, P.\*\*+ and D.K. Price. 2012. Population phylogeography and habitat fragmentation at large island-wide and local scales in two endemic Hawaiian *Drosophila*: *D. tanythrix* and *D. yooni*. *Society for the Study of Evolution Conference*, Ottawa Canada.
38. Price, D.K., K.L. Uy\*\*+, and J. Eldon\*\*. 2012. Climate change and temperature tolerance in endemic Hawaiian picture-winged *Drosophila* the slopes of Mauna Loa Volcano, Hawai`i Island. *Association for Tropical Biology and Conservation*, Bonito, Brazil.
39. Magnacca, K. and D.K. Price. 2011. Morphological convergence and rapid radiation in the evolution of Hawaiian picture-wing *Drosophila*. *Society for the Study of Evolution Conference*, Norman OK.
40. Moss, A.\*\* and D.K. Price. 2011. A search for speciation genes among two Hawaiian Picture Wing *Drosophila*: *D. heteroneura* and *D. silvestris*. *Society for the Study of Evolution Conference*, Norman OK.
41. Uy, K.\*\*+ and D.K. Price. 2011. Adaptation potential of Hawaiian picture-wing *Drosophila*: indicator species for climate change. *Society for the Study of Evolution Conference*, Norman OK.
42. Price, D.K. 2010. Local adaptation to changing environments: Hawaiian *Drosophila* population genetics, gene expression and behavior-physiology studies. *American Genetics Assosication*, Hilo HI
43. Price, D.K., J. Eldon\*\*, A. Moss\*\*, K. Uy\*\*+, and A. Veillet. 2010. Adaptive thermal tolerance in an endemic Hawaiian picture-winged fly on the Island of Hawai`i: phenotypic and genetic evidence. *Society for the Study of Evolution Conference*, Portland OR.
44. Eldon, J.\*\*, D.K. Price, and K. Magnacca. 2010. Phylogeographic patterns of population differentiation in closely related endemic picture-winged *Drosophila* on the Island of Hawai`i. *Society for the Study of Evolution Conference*, Portland OR.
45. Magnacca, K. and D. K. Price. 2010. Biogeography of the “bristle-tarsus” Hawaiian *Drosophila*: recent speciation on an old island. *Society for the Study of Evolution Conference*, Portland OR.
46. Raver, A.\*\*, F. Stone, D.K. Price, J. Eldon\*\*, F. Howarth, D. Na<sup>+</sup>, and K. Magnacca. 2010. Population phylogeography of cave adapted crickets of Hawai`i Island (*Caconemobius*; Cryllidae, Nemobiinae). *Society for the Study of Evolution Conference*, Portland OR.
47. Eldon, J., C. Kearns-McNaughton, D.K. Price, E. Stacy, J. Zulich. 2009. PRISM at UH Hilo: Communicating Science through Culture, Connections and Conservation, *Hawai`i Conservation Conference*, Honolulu, Hawai`i.
48. Eldon, J.\*\* and D.K. Price. 2009. Population differentiation and local adaptation in an endemic Hawaiian picture-wing *Drosophila*. *Society for the Study of Evolution Conference*, University of Idaho, Moscow.
49. Price, D.K. and A. Veillet.\*\* 2009. Comparative Genetic Analysis of the Hawaiian Goose (nene) and the Giant Canada Goose: DNA microsatellite heterozygosity predicts breeding success in nene. *Society for the Study of Evolution Conference*, University of Idaho, Moscow.
50. DeBoer, N.\*\*, C. Kearns\*\*, J. Herweg, D.K. Price, E. Stacy, and J. Zulich. 2008. *Using Mālama Ke ‘Aina to Teach Science and Math in Hawai`i*. Hawai`i Conservation Conference, Honolulu Hawai`i.
51. Veillet, A.\*\* and D.K. Price. 2006. *Investigation of Inbreeding and the Potential for Inbreeding Depression in Nēnē (Brantasandvicensis) Using Microsatellite DNA Markers*. Hawai`i Conservation Conference, Honolulu Hawai`i.
52. Souder, S.A.\*\*+ and D. K. Price. 2005. Maintenance of species boundries in two Hawaiian picture-winged flies. *Society for the Study of Evolution Conference*, University of Alaska, Fairbanks.
53. Breyer, E., D.K. Price, C.C. Muir, R.L. Owen. 2004. Molecular genetics and protein structure and function workshop: A participant-orientated approach. *Abstracts of Papers of the American Chemical Society* 228: U347.
54. Reza, A. M.\*\*+, Dohm, M.R., S.L. Moore, C. C. Muir, D. K. Price, and W. J. Mautz. 2002. Cold tolerance and molecular phylogeny of Hawaiian picture-winged *Drosophila silvestris* and *Drosophila heteroneura*. *Society for the Study of Evolution Conference*, University of Illinois.

55. Trimble, R. C.\*, Muir, B. Fleisher, A. Veillet\*, and D.K. Price. 2002. Inbreeding and inbreeding depression in the endangered Hawaiian goose, Nene. *Society for the Study of Evolution Conference*, University of Illinois.
56. Moore, S., C. Muir, B. Fleisher, D. Cutler\*, L. Canale\* and D.K. Price. 2001. Hybridization and the integrity of two Hawaiian *Drosophila* Species. *Big Island Science Conference*, published abstract.
57. Cutler, D. \*, Muir, D. K. D. Foote, and D. K. Price. 2001. Gene flow and hybridization of two endemic Hawaiian *Drosophila* species. *Big Island Science Conference*, published abstract.
58. Price, D. K., C. Muir, S. Moore, B. Fleisher, D. Cutler\* and L. Canale\*. 2001. Hybridization and the phenotypic and genetic Integrity of two Hawaiian *Drosophila* species. Society for Conservation Biology, University of Hawai'i at Hilo.
59. Muir, C., D. K. Price, D. Foote, D. Cutler\*, B. Fleisher. 2001. Estimated change in population size, gene flow, and hybridization of two rare Hawaiian *Drosophila* Species. Society for Conservation Biology, University of Hawai'i at Hilo.
60. R. Snook and D. K. Price. 2000. Life history and gametic tradeoffs: a test of the predictions. *Society for the Study of Evolution Conference*, Indiana University.
61. C. Muir, D. Foote, B. Fleisher, D.K. Price. 2000. Two species, two kipukas, two times: a molecular study 75 generations after Fontdevila and Carson's mark-recapture analysis of a Hawaiian *Drosophila* population. *Society for the Study of Evolution Conference*, Indiana University.
62. D.K. Price. 1999. Quantitative Genetics and Quantitative Trait Loci Analysis in Hawaiian Picture-wings and *Drosophila melanogaster*. *Hawai'i Entomology Society*, UH-Mānoa.
63. D.K. Price. 1999. The Future of Ecology, Evolution and Conservation Biology on the UH-Hilo Campus. *Kiluea Field Station*, Hawai'i Volcanos National Park.
64. D.K. Price and T. Hansen. 1999. Age and Sex-Distribution of the Mutation Load. *Society for the Study of Evolution Conference*, University of Wisconsin, Madison Wisconsin.
65. D.K. Price, D. Culter\*, B. Fleisher, C. Grill, H. Lang\*, E. Laloulu\*, S. Moore, D. Ratay\*, J. Viernes \* 1999. Quantitative Trait Loci Analysis of Complex Behaviors. *Society for the Study of Evolution Conference*, University of Wisconsin, Madison Wisconsin.
66. D.K. Price. D. Culter\*, B. Fleisher, Dr. Christopher Grill, Hilary Lang\*, Elizabeth Laloulu\*, Sheryl Moore, Dawn Ratay\*, Joel Viernes\* 1999. Genetic Analysis of Complex Behaviors using the Quantitative Trait Loci Approach: Preliminary Analyses and Future Plans. *Big Island Science Conference*, U. Hawai'i, Hilo.
67. D. K. Price. 1997. Female Preference and Male Age: The Evolution of Female Preference in Longevity Selected Lines. *Society for the Study of Evolution Conference*, University of Colorado.
68. D.K. Price and T. Hansen. 1995. Good Genes and Old Age: Do Old Mates Provide Superior Genes? *Society for the Study of Evolution Conference*, Montreal, Canada.
69. D. K. Price. 1994. Spontaneous Mutations and Sexual Selection: What are they Good For? *Society for the Study of Evolution Conference*, Washington University, St. Louis, Missouri.
70. D. K. Price and C. Boake. 1993. Aggressive and mating behavior in two Hawaiian picture-winged flies and their hybrid: implications for reproductive isolation. *Animal Behavior Society Conference*, U.C.-Davis.
71. D. K. Price and C. Boake. 1993. Reproductive isolation in two Hawaiian picture-winged flies: analysis of parental and hybrid mating and aggressive behaviors. *Society for the Study of Evolution Conference*, Utah.
72. D. K. Price. 1991. Sexual selection and quantitative genetics for sexual dimorphism of zebra finch bill color. *Society for the Study of Evolution Conference*, University of Hawai'i-Hilo, Poster.
73. D. K. Price. 1991. Constraints on the evolution of attractive traits: sex-specific optima for zebra finch bill color. *Animal Behavior Society Conference*, University of Georgia.
74. D. K. Price. 1989. Beak color variation in the zebra finch: testing the "runaway" and "condition-dependent" sexual selection hypotheses. *Animal Behavior Society Conference*, University of North Carolina.
75. D. K. Price and D. Enstrom. 1989. Delayed plumage development in passerines: energetic and genetic constraints for adaptive evolution. *American Ornithological Conference*, Pittsburgh, Pennsylvania, Poster.

76. D. K. Price. 1988. Sexual selection and family resemblance for beak color in the zebra finch. *Animal Behavior Society Conference*, University of Montana.
77. D. K. Price. 1988. Mate choice and beak color variation in the zebra finch (*Poephila guttata*). *Mid-West Animal Behavior Society Conference*, University of Illinois - Springfield.
78. D. K. Price. 1986. The effect of density on the polygynous mating system of the house wren *Troglodytes aedon*. *International Ornithological Congress*, Ottawa, Canada.

## INVITED SEMINARS & PRESENTATIONS

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1. University of Hawaii at Manoa, March 2023
2. University of California at Irvine, April 2019.
3. University of New Orleans, November 2017.
4. Illinois State University, Alumni Seminar in Genetics Series November 2015.
5. University of Nevada Las Vegas, January 2015.
6. Utah State University, Biology Department, October 2014.
7. University of Hawai'i at Mānoa, Biology Department, May 2014.
8. USDA- Forest Service Pacific Islands Forestry, May 2014.
9. National Science Foundation – Division of Environmental Biology, August 2011.
10. EPSCoR Hawai'i Conference - UH Hilo Ecology and Evolutionary Genetics Research, January 2009
11. EPSCoR Hawai'i Conference - Developments Enabled by NSF EPSCoR in Hawai'i, January 2009
12. Focus on UH Hilo Television Program – Overview of Research at UH Hilo, May 2008.
13. Focus on UH Hilo Television Program – NSF EPSCoR National Meeting, September 2007.
14. University of Hawai'i at Mānoa, Zoology Department December 2005.
15. Focus on UH Hilo Television Program – TCBES program development, March 2004
16. Focus on UH Hilo Television Program – EPSCoR program, October 2003
17. Focus on UH-Hilo Television Program - "NSF - UMEB program at UHH", September 2001
18. Conservation Research and Training Program - UH-Mānoa, January 2001.
19. Biology Department – University of Hawai'i at Hilo, Fall 2000.
20. U.S. Forest Service-Kiluea Field Office Presentation, February 2000.
21. Focus on UH-Hilo, "Curriculum Development in Biology-UHH" January 1999.
22. Hawai'i Entomological Society, November 1999.
23. Biology Department – University of Hawai'i at Hilo, Fall 1999.
24. USGS – BRD Kilauea Field Station, Volcanoes National Park – USGS-BRD, July 1999.
25. University of Hawai'i at Mānoa, EECB Program Fall 1998.
26. University of Hawai'i at Hilo, Biology Department – Fall 1998.
27. Waiakea Lions Club, May 1998.
28. Focus on UH-Hilo Television Program, "Natural History of the Hawaiian Islands", April 1998.
29. University of Hawai'i at Mānoa, EECB Program - Spring 1997.
30. University of Hawai'i at Hilo, Biology Department - Fall 1996.
31. University of Hawai'i at Hilo, Biology Department - Spring 1996.
32. University of Hawai'i at Hilo, Geology Department - Fall 1996.
33. *Sigma Xi* - Texas A&M at Commerce, 1995.
34. Texas A&M University at Commerce - Biology Department, 1995.
35. Texas A&M University at Commerce - Biology Department, 1994.
36. Texas A&M University at Commerce - Chemistry Department, 1994.

37. University of Oregon - Population Biology, 1993.
38. Oak Ridge National Laboratory - Human Genome Project, 1992.
39. North Carolina State University - Zoology Department, 1991.
40. University of Tennessee - Ethology Program, 1990.
41. University of Illinois - Department of Ecology, Ethology and Evolution, 1990.

## TEACHING EXPERIENCE

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### **School of Life Sciences, University of Nevada, Las Vegas:**

Evolution (senior capstone class): Fall 2020, 2021, 2022, Spring 2021, 2022, 2024, 2025, 2026  
 Conservation Genetics. A new undergraduate and graduate course developed and taught Fall 2021, Spring 2024, 2025, 2026  
 Core Course – research design and statistics module: 2017, 2018, 2019, 2020, 2021, 2022, 2024, 2025  
 Population Ecology and Evolution: The study of adaptation. A new course developed and taught Spring 2020.

### **Tropical Conservation Biology & Environmental Science Graduate Program, University of Hawai'i at Hilo:**

Behavioral Ecology and Evolutionary Analyses: Fall 2009, Fall 2011, Spring 2014, Fall 2015.  
 Conservation Genetics: Fall 2010, Fall 2013.  
 Field Entomology: Spring 2013.  
 Natural Resources Seminar: Spring 2007, 2013.  
 Field and Laboratory Methods in TCBES: Fall 2012.  
 Quantitative Methods in TCBES: Spring 2005.  
 Current Topics in TCBES Seminar: Spring 2006.

### **Department of Biology, University of Hawai'i at Hilo:**

Behavioral Ecology and Evolution: Spring 2014, Fall 2015.  
 Biostatistics: Fall 1996, 1997, 1998, 1999, 2000, 2014, 2016; Spring 1997, 1998, 1999, 2001, 2015.  
 Evolution: Spring 1997, 1998, 1999 & 2001; Fall 2000 & 2001.  
 Evolutionary Genetics Laboratory: Spring 2000 & 2001, Fall 2000 & 2001.  
 Zoology Laboratory (2 sections each semester): Fall 1996 & 1997; Spring 1997 & 1998.  
 Natural History of the Hawaiian Islands: Fall 1996, 1997, 1999.

### **Department of Biological Sciences, Texas A&M University – Commerce:**

Genetics (2 Lecture and 2 Laboratory sections): Spring 1995 & 1996.  
 Quantitative Biology (2 courses: Graduate and Undergraduate): Fall 1995.  
 Behavioral Ecology (2 courses: Graduate and Undergraduate): Fall 1994.  
 Human Biology: Man & Environment: Summer 1995.  
 Human Biology: Structure and Function: Fall 1994, Spring & Fall 1995.

### **Department of Ecology, Ethology, and Evolution, University of Illinois:**

Teaching Assistant, 1985-86, 1987-88.  
 Courses: Animal Behavior, Behavioral Ecology, General Biology, Sociobiology, and Vertebrate Natural History.

### **Department of Biological Sciences, Illinois State University:**

Teaching Assistant, 1983-84. Courses: General Biology, Zoology, and Ecology.

**Biological Research Station, University of Minnesota:** Teaching Assistant, 1982. General assistant at the research station.

## UNIVERSITY AND PROFESSIONAL MEMBERSHIP AND SERVICES

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### Memberships:

1. *American Association for the Advancement of Science*
2. *American Society of Naturalists*
3. *Animal Behavior Society of America*
4. *Society for the Study of Evolution*
5. *Sigma Xi -Scientific Society*
6. *Association for Tropical Biology and Conservation*

### Professional Organizations:

1. Associate Editor for *Frontiers in Ecology and Evolution*, 2022- present.
2. International Union for Conservation of Nature (IUCN) Commission on Education and Communication (CEC), 2021-2025.
3. External Advisor to UH Manoa NIH COBRE program in Microbiome and Human Health, 2022-present.
4. External Referee for the Marsden Fund, The Royal Society Te Apārangi, Wellington, New Zealand, 2023.
5. Panel Member for National Science Foundation's Graduate Fellowship Program, 2014-15, 2020-21, 2021-22, 2023-24
6. Panel Member for National Science Foundation's Post-Doctoral Research Program – 2015, 2016, 2019 (~100 proposals each year).
7. Member of Student Awards Committee, 2<sup>nd</sup> *Joint Congress on Evolutionary Biology*. Montpellier, France, 2018.
8. Panel Member for National Science Foundation's Integrative Physiology – 2017 (107 proposals).
9. Post-conference Field Trip Leader - Mauna Kea Wet Forest and Alpine Shrubland Biodiversity and Conservation Tour. *Association for Tropical Biology and Conservation*, 2015
10. Reviewed manuscripts for *American Naturalist*, *Animal Behavior*, *Auk*, *Behavioral Ecology*, *Behavior Genetics*, *Evolution*, *Genetics*, *PLOS One*, *Proceeding of the Royal Society of London*, *Science*, *Genetica*, *Genome Biology and Evolution*.
11. Reviewed grant proposals to Biotechnology and Biological Sciences Research Council, United Kingdom, 2013.
12. Moderator for a paper session on communication at the *Society for the Study of Evolution Conference*, 2014.
13. Student Presentation Committee – *Society for the Study of Evolution Conference* 2011.
14. Panel Member for National Science Foundation's URM Panel, 2008 (93 proposals), 2009 (24 proposals).
15. Panel Member for National Science Foundation's REU-Site program, 2003 (65 proposals), 2007 (82 proposals).
16. Panel Member for National Science Foundation's Population Biology program, 2004 (103 proposals).
17. Member of the Vegetation Monitoring Advisory Board for the Secretariat for Conservation Biology, 1999 - 2001.
18. Panel Member for National Science Foundation's Animal Behavior program, 1998 (82 proposals).
19. Steering Committee Member - Society for Conservation Biology Meeting in 2001 held at the University of Hawai'i at Hilo, 1999 -2001.
20. Panel Member - National Science Foundation Women in Science Research Grant Program, 1996.
21. Moderator for a paper session on communication at the *Animal Behavior Society Conference*, 1988.
22. Chairperson for the Mate Choice symposium at the *Mid-West Animal Behavior Conference*, 1988.

**University of Nevada, Las Vegas:**

1. Undergraduate Curriculum Committee member, 2022-present.
2. Evolution course coordinator, 2021-present.
3. Faculty Senate Program Review Committee, 2020-2022.
4. Co-Chair and member of the Graduate Admission Committee, School of Life Sciences, 2019-2022.
5. Executive Committee, College of Sciences, 2016-2019
6. Strategic Planning Committee, School of Life Sciences, 2017-2018.
7. Participated in the ACE Leadership Academy for Department Chairs, San Diego CA., 2018

**University of Hawai'i at Hilo:**

1. Member of the Research Council, 2002-2016
2. Member of the Graduate Council, 2002-2016
3. Natural Science Division Personnel Committee, 2013
4. Vice-Chair of the Graduate Council, 2010-2013
5. Campus Tenure and Promotion Committee, 2011
6. Founding Director and primary organizer of the interdisciplinary Graduate Program in Tropical Conservation Biology and Environmental Science. 2000-2016
7. Member of the Service-Learning Director Search Committee, 2008
8. Chair of the UH Hilo Ecosystem Ecology Faculty Search Committee, 2005
9. Chair of the UH Hilo Plant Evolutionary Genetic Faculty Search Committee, 2005
10. Chair of the EEO/AA Director Search Committee, 2001
11. Member of the UH Hilo Assessment Committee, 2000-2001
12. Member of the UH Hilo Honors Committee, 1999-2000
13. Member of the UH Hilo Plant Biologist Faculty Search Committee, 2000-2001
14. Member of the UH Hilo Microbiologist Search Faculty Committee, 1999-2000
15. President – Sigma Xi Society, University of Hawai'i at Hilo Chapter, 1999-2001
16. Member of the UH Hilo Marine Science Faculty Search Committee, 1999-2000
17. Member of the UH Hilo - Academic Affairs Committee, 1997-1999
18. Curriculum Development for Ecology, Evolution and Conservation Biology Track, 1997-2002
19. Judge for Science and Engineering Fair, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2006, 2009
20. Presenter for *Sigma Xi* Open House for Elementary Students, 1997, 1998 & 2000
21. Mentor for Upward Bound Students, 1998, 1999, 2000 & 2001

**Texas A&M –Commerce:**

1. Animal Care Committee, 1995-1996
2. Faculty Development Committee, 1995-1996
3. Library Committee, 1995-1996
4. Environmental Science Curriculum Development, 1995
5. Mathematical Statistician Search Committee, 1995
6. Judge for *Sigma Xi* undergraduate and graduate symposium, 1995

**University of Oregon:**

1. Organized Quantitative Traits and Genome Mapping Symposium, 1994
2. Organized Behavioral Ecology Journal Club, 1993

**Department of Ecology, Ethology and Evolution; University of Illinois:**

1. Undergraduate Affairs Committee, 1989-90
2. Graduate Affairs Committee, 1988-89
3. Seminar Committee, 1987-88

**Synergistic Activities:**

1. Director of the School of Life Sciences, University of Nevada, Las Vegas. This is a large interdisciplinary school of life science with faculty in Cell and Molecular Biology, Ecology and Evolutionary Biology, Physiology and Microbiology.
2. Lead organizer and founding Director of the Graduate program in Tropical Conservation Biology and Environmental Science at UH Hilo. This is an interdisciplinary master's program in Biology, Marine Science, Geography, Geology, Chemistry, and Agriculture.
3. Co-Project Director for the Hawai'i NSF EPSCoR program. This was a state-wide program centered on "Biodiversity in an Integrated Island Environment." This was a collaborative project among UH Mānoa, UH Hilo, UH Community Colleges, and the Department of Business, Economic Development and Tourism.
4. PI on the NSF REU-Site grant at UH Hilo from 2002-2009. This program involved faculty from Biology, Marine Science and personnel from Federal agencies (e.g., US Forest Service, USGS-BRD). Ten students, many of whom are under-represented ethnic minorities were in the program each summer.
5. PI and lead organizer for an NSF GK-12 program. This is a partnership between UH Hilo and the Hawai'i Department of Education to enhance the science curriculum in K-12 schools.
6. Lead organizer for a new undergraduate curriculum in biology at UH Hilo in Ecology, Evolution and Conservation Biology. I was PI on the NSF CCLI grant that initiated this degree program.
7. Judge for Sigma Xi-sponsored Science Fair (grades 7-12) for 10 years that is held each year at UH Hilo. I have mentored one high school student in 2014.
8. Mentor for 51 undergraduate students in research experience programs and activities associated with the NIH MBRS, NSF and Directed Studies Programs. I am also the major advisor for 25 Masters students that have been primarily funded on NSF grant programs; the majority have been from under-represented groups in science (see below).
9. Mentor for 8 students in the Upward bound program for 4 years at UH Hilo. This program encourages 10<sup>th</sup>- and 11<sup>th</sup>-grade students from rural and socio-economically disadvantaged backgrounds to enter the sciences.

**STUDENTS AND POSTDOCTORAL ASSOCIATES: 134 Total (+ underrepresented groups)**

Post-doctoral Associates (10): C. Alex Buerkle (1999-2000), Chris Grill (1999), C. Cambell Muir (2001-2004), Karl Magnacca (2010-2012), Curtis Ewing (2013-2016), Renee Bellinger (2015-21), Jonathan Koch+ (2016-18), Alexis Billings (2017-2019), Svetlana Stepanovic (2019-2023), Matthew Medeiros+ (2018-present),.

Graduate Students (27): Doyce Dees (94-95), Jeff Wilkinson (94-95), Roland Frayne+ (04-07), Anne Viellet (04-07), Steven Souder+ (05-08), Evann Souza+ (05-07), Jon Eldon (07-10), Cary Deringer (07-10), Karen Uy+ (09-11), Andrea Moss (09-11), Tani Wright+ (10-12), Peltin Pelep+ (10-13), Stacy Bierwagen (10-13), Thomas Fezza (12-14), Eva Brill+ (12-15), Mathew Mueller (12-15), Kylie Roy+ (13-15), Chris Yakym+ (13-15), Devon Di Loria (14), Ellie Armstrong (14-16), Corinna Pinzari (12 - 19), Keena Newton (15-17), Renee Corpuz+ (15 - 19), Chris Kluzak (16 - 24), Elizabeth Jones (17 - present), Breanna Tavernini (21- 23), Ngoc Ly (21 - 24) Kadiatou Kane+ (24- present).

Undergraduate Students (87): Tracy Arey (95), Robin Wray (95), Martha Bush (95), Taina Burke+ (96), Oliver Manlik (96), Laura Inman+ (97), Dawn Ratay (97-99), Kristi Haleakala+ (98-99), Hilary Lang (98-01), Elizabeth Laloulou+ (99), Dena Cutler (99-00), Joel Viernes+ (99-00), Lisa Canale (00-01), Robert Churney+ (01), Angela Riza+ (00-02), Ted Dawson (01), Loney Salis+ (01-02), Rachel Trimble+ (01-02), Daniel Franke+ (01-02), John Vasey+ (03), Marites Calibuso+ (03-04), Cloydred Lite+ (04), Steven Souder+ (04-05), Jared Barnard (05-06), Tatiane Varys+ (04-08), Sierra Salazar+ (08-10), Allison Janson (09-11), Amanda Raver (10-11), Chris Yakym+ (10-13), Lowel Achetta+ (11-12) Rebecca Carvalho+ (11-12), Heather Stever (14), Renee Corpuz+ (12-15), Duk Kim (14-16), Chris Kluzak (15-16), Cassandra Dasmarrinas+ (17-18), Katherine Schultz (17-18), Eddy Hernandez+ (17-18), Amanda Rivera+ (2019), Leilani Duldulao+ (2019), Wilson Andrade+ (2019-20), Carly Quintana+ (2019-20),

Zin Min Htet (2019-20), Isabella Davis (2019-20), Krystal Morales<sup>+</sup>(18-20), Katrina Pinili<sup>+</sup>(17-20), Zhengjian (David) Li (18-present), Renee Olney (18-22), Robin Kee<sup>+</sup> (18-21), Irene Kang (USC student, 20-21), Laura Seo (2018-present), Aziel Macia (18-present), Savannah Michalsky (20-22), Stephanie Fernandez<sup>+</sup> (20-21), Adrianna Castellanos<sup>+</sup> (20-22), Nicole Guttman (20-21), Randall Combs (20-22), Mayra Camargo<sup>+</sup> (20-23), Michelle Cevallos-Zea<sup>+</sup> (20 – present), Kristian West (21-25), Farida Elmasry (21-23), Leon Kyle Boyles (21–25). Brittany Steiner (22-24), Hien Truong (22-24), Nicholas Smith (21-present) Alyssa-Jade Riglos<sup>+</sup> (Summer REU 22), Zachary Peters (22-24), Alisha Schultz (22-23), Shailja Sharma (22-23), Matthew Boudreaux (23 - ), Dayne Graham 23 - present), David Miron 23 - present), Steven Rodriguez<sup>+</sup> (23 - present), Franklin Ung (23 - present), Nicolas Maramaldi (24 - present), Mehdi Khanjani (24- present), John Rosebrook (24-present), Jose Limon<sup>+</sup> (24- present), Fiona Dimailig (24 - present), Kyrus Huang (24 - present), Raiyan Shafique (24 - present), Stefan Chaudhry (24 - present). Karam Ornish (23 – 24), Ian Zambrano (24 - present), Remay Techlay<sup>+</sup> (24 - present).

High School Students (summer) (10): 1998: Emily Lido, Kristi Yasuda<sup>+</sup>, 1999: Tanya DeCambra<sup>+</sup>, Vic Miyahira<sup>+</sup> 2000: Carla Gorsich, Satomi Seki<sup>+</sup>, 2013: Makana Waikiki<sup>+</sup> Sara Tollestrup, 2018: John Beckerle, 2019-20: Irene Kang.

#### **CURRENT OR RECENT POSITIONS OF MY POST-DOCTORAL ASSOCIATES, GRADUATE AND UNDERGRADUATE STUDENTS:**

Post-Doctoral Associates: **Dr. Buerkle** is a faculty member at the University of Wyoming; **Dr. Muir** is a faculty member at the University of Hawai'i at Hilo; **Dr. Magnacca** is a Entomology Specialist with the O'ahu Army Natural Resource Program; **Dr. Ewing** is a Forest Health Specialist with CAL FIRE and Chairman, California Firewood Task Force; **Dr. Koch** is a Research Entomologist at USDA in Utah; **Dr. Billings** is a Post-doctoral Scholar at the University of California at Berkeley.

Graduate Students: **Dr. Ellie Armstrong** is an Assistant Professor at UC-Irvine; **Dr. Jon Eldon** is a faculty member at Indiana University; **Dr. Steve Souder** is research scientist with the USDA-Forest Service in New Mexico; **Dr. Stacy Bierwagen** obtained a PhD at the James Cook University in Australia; **Dr. Kyle Roy** received her PhD at Purdue University and is a Researcher at the USGS Forest Service in Hawai'i; **Roland Frayne** is a Radiologic Technologist; **Anne Veillet** was a Laboratory Manger for the Core Genetics facility at UH Hilo and is now a Research Assistant USDA-ARS in Hawai'i; **Karen Uy** is a Research Assistant at University of California at Riverside; **Andrea Moss** is an Assistant Professor at Shorter University; **Peltin Pelep** is an Biology Instructor at the College of Micronesia in Pohnpei; **Tani Wright** is teaching at Hawai'i Preparatory Academy; **Corinna Pinzari** is a Research Assistant at the USGS-BRD in Hawai'i; **Mathew Mueller** is a Research Assistant with the USDA-ARS in Hawai'i; **Eva Brill** is a Research Assistant with the USDA-ARS in Hawai'i; **Thomas Fezza** is a Research Assistant at the USDA-ARS in Hawai'i, PhD student at UH Manoa; **Chris Yakym** is a Bioinformatician at Grill, an Illumina company; **Keena Newton** is a Biological Research Technician at the USDA-ARS in Hawai'i; **Renee Corpuz** is a Research Assistant in at USDA-ARS in Hawaii, **Ngoc Ly** is a Bioinformatician at Cincinnati Children's Hospital.

Undergraduate Students: **Dr. Tatiane Varys** is an Assistant Professor at University of Georgia in the Cell & Molecular Biology Dept.; **Dr. Oliver Manlik** is Assistant Professor of Molecular Ecology at United Arab Emirates University; **Taina Burke** began working for Genetec, a biotech company in California; **Dawn Ratay** obtained a Masters at the City of Hope in Los Angeles and is an Associate Scientist at Kite Pharma in California; **Joel Viernes** went to work for Cyanotec in Kona, Hawai'i; **Hilary Lang** pursued an Education Master's degree and is now teaching K-12 school in Hana Hawai'i; **Angela Riza** went on to graduate school; **Kristi Haleakala** is teaching 8th-grade science at Honoka'a in Hawai'i and was a GK-12 PRISM Partner-Teacher in 2006; **Lisa Canale** is Internship Coordinator for the TCBES graduate program at UH Hilo; **Allison Janson** is a Research Assistant at the USDA-ARS in Hawai'i; **Elizabeth Laloulu** is a Nurse at Queen's Hospital in Honolulu; **Rebecca Carvalho** is an Assistant at Volcanoes National Park; **Dr. Marites Calibuso** obtained her PhD student in Pharmacy at University of Hawai'i; **Jared Barnard** is a PhD student in Entomology at the University of Hawai'i at Mānoa, **Katherine Schultz** completed her Masters at UNLV and is a Biomedical field engineer at Sable Systems, **Adrianna Castellanos** is attending Burrell College of Osteopathic Medicine (Las Cruces, New Mexico), **Robin Kee** is a Research Associate at NIH, **Katrina**

**Pinili** is a Ph.D. student in Biology at UNLV, **Eddy Hernandez** is a microbiologist at Ace Analytical Laboratory, **Carly Quintana** is a Personal Assistant at Wee Care Pediatrics, **Renee Olney** is a PhD student in Radiochemistry at UNLV, **Kristian West** is a PhD student at University College Cork in Ireland.