Jenee S. Odani

College of Tropical Agriculture and Human Resources

Department of Human Nutrition, Food and Animal Sciences

FTE Distribution: 35% I; 10% R; 55%E

**Education:**

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| 2001-2004 | Residency in Diagnostic/Anatomic Veterinary PathologyUniversity of California-Davis/California Animal Health & Food Safety Laboratory, San Bernardino Branch, San Bernardino, CA |
| 1999 | Doctor of Veterinary MedicineUniversity of California-Davis, School of Veterinary Medicine, Davis, CARegent Scholar |
| 1994 | Bachelor of Arts, ZoologyUniversity of Washington, Seattle, WA |
| 1991-1993 | No degree awarded, transferred; Regent ScholarUniversity of Hawai‘i at Mānoa  |

**Professional Experience**:

2016-present **Department of Human Nutrition, Food and Animal Sciences, College of Tropical Agriculture and Human Resources, University of Hawai‘i at Mānoa**, Honolulu, HI: Associate Specialist. Extension Veterinarian. 11-month appointment as S-4 (Associate Specialist). Duties distributed as follows: **55% Extension, 35% Instruction, 10% Research**.

2012-2016 **Hawai‘i Department of Agriculture, Veterinary Laboratory**, Aiea, HI: Laboratory Director. Supervised all laboratory activities and laboratory staff (1 Veterinary Medical Officer, 3 microbiologists, 1 livestock inspector) and developed technical SOPs and quality system materials. Implemented a quality system and initiated a program of self-audits. Continued duties/responsibilities as described below.

2006-2012 **Hawai‘i Department of Agriculture, Veterinary Laboratory**, Aiea, HI: Veterinary Medical Officer. Provided necropsy services for primarily porcine and avian specimens, and extensive consultation services to the state Animal Disease Control and Quarantine State veterinarians. Managed the technical aspects of the laboratory (serology, bacteriology, parasitology, histology and limited bacteriology). Coordinated the Classical Swine Fever Surveillance/Umbrella Animal Health Surveillance cooperative agreement with the USDA, APHIS-VS 2008-2016. Assisted with development and execution of animal disease response plans. Performed import/export animal inspections on an as-needed basis.

2011-2015 **University of Hawai‘i at Mānoa**, College of Tropical Agriculture and Human Resources, Honolulu, HI: lecturer. Taught the upper division Anatomy of Agricultural Animals course (ANSC 301) and laboratory (ANSC 301L) for one semester each year.

Fall 2008 **University of Hawai‘i at Mānoa,** College of Tropical Agriculture and Human Resources, Honolulu, HI: lecturer. Taught the upper division Animal Diseases course (ANSC 453).

2004-2006 **California Animal Health & Food Safety Laboratory**, San Bernardino, CA: Post-doctoral Associate/Veterinary pathologist. Necropsy/biopsy services of primarily equine, bovine, ovine, caprine, avian specimens (limited feline, canine, exotics). Interpreted microbiology, toxicology, virology and serology results.

2003-2006 **Humane Society of San Bernardino**, San Bernardino, CA: Independent Contract Veterinarian. Conducted weekend clinics: primarily vaccinations and limited outpatient medicine. Served occasionally in special capacity to document/treat abuse cases.

2000-2001 **Benicia Cat Clinic**, Benicia, CA: Associate Veterinarian, temporary position. General feline practice, routine surgery and medicine.

1999-2001 **Banfield the Pet Hospital**, South Sacramento, CA: Associate Veterinarian.

General small animal practice, routine surgery and medicine.

2000-2002 **Herring Disease Project**, Prince William Sound, AK: Assistant Pathologist

Assisted Dr. Gary Marty with project studying pigmented macrophage aggregates in the Pacific Herring from Prince William Sound, Alaska. Annual trips in April to Alaska to perform gross necropsies of 150 herring each year (450 total). Assisted with point-count morphometry to quantify the volume of pigmented macrophage aggregates in the liver.

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| **List of Courses Taught at the University of Hawai‘i at Mānoa** |
| **Sem./Year** | **Course No.** | **Course Title** | **Credits** |
| Fall 2019 | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2019 | ANSC 301L | Anatomy of Domestic Animals Lab\*\*Writing Intensive\*\* | 1 |
| Spring 2019 | ANSC 453 | Animal Diseases and Their Control | 3 |
| Fall 2018 | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2018 | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Spring 2018 | ANSC 453 | Animal Diseases and Their Control | 3 |
| Fall 2017 | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2017 | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Spring 2017 | ANSC 491 | Special Topic: Histology | 2 |
| Fall 2016 | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2016 | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Fall 2015\* | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2014\* | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2013\* | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2013\* | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Fall 2012\* | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2012\* | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Fall 2011\* | ANSC 301 | Anatomy of Domestic Animals | 3 |
| Fall 2011\* | ANSC 301L | Anatomy of Domestic Animals Lab | 1 |
| Fall 2008\* | ANSC 453 | Animal Diseases and Their Control | 3 |

**Published Abstracts (Since Joining UHM):**

\* Denotes graduate student. My name is highlighted in **bold**.

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| 1. | Castle, B.\*, **Odani, J.,** Ogasawara, N.\*, Zaleski, H. (2018) Survey of Disease, Management and Biosecurity Practices of Hawai‘i Swine Farmers. *Journal of Animal Science*, 96 (Suppl3), 53-54. |

**Published Abstracts (Before Hire):**

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| 1. | McNeill, B.S.\*, **Odani, J.,** Jha, R., Zaleski, H.M. (2016). 0168 Prevalence of *Brucella suis* in hunting dogs in Hawai‘i. *Journal of Animal Science*, 94 (Suppl5), 81. |
| 2. | Sarrafian, T.L\*., Case, J.T., Kinde, H., Daft, B.M., Read, D.H., Moore, J.D., Uzal, F.A., Anthenill, L.A., Diab, S.S., **Odani, J.S.**, Mysore, J., St. Leger, J.A., Barr, B.C., Anderson, M.L., Stover, S.M., White, N., II (Editor). Fatal Musculoskeletal Injuries of Quarter Horse Racehorses in California. Proceedings of the 55th Annual Convention of the American Association of Equine Practitioners, Las Vegas, NV, December 5-9, 2009, pp. 190-191. |

**Refereed Journal Publications:**

**Articles in Refereed Journals (Since Joining UHM):**

(1) indicates corresponding author. The authorship guidelines in my field place the principal investigator last, if they are not leading the writing. The author leading the development and writing of the article is placed first. My name is highlighted in **bold**. Note: My maiden name is Mukai and was used prior to 2002. InCites Journal Citation Reports impact factors are listed for the year the journal was published and also in 2018 (the most current available). Number of citations based on Google Scholar summary. \* Denotes graduate/undergraduate student.

1. In preparation: Yamasaki, L.S., Iwai, T., Klinger-Bowen, R., Weese, D., **Odani, J.**, Wong, M. Geographic distribution of *Francisella noatunensis* subspecies *orientalis* and genetic assessment of feral populations of tilapia in Hawaii. Contribution (20%): project conception, necropsy, histology, and critical review of manuscript.
2. Submitted, under review: **Odani, J.1**, Sox, E., Coleman, W., Jha, R., Malik, R. First documented cases of canine neuroangiostrongyliasis due to *Angiostrongylus cantonensis* in Hawai‘i. *Journal of the American Animal Hospital Association*. Contribution (70%): Lead author.
3. Cadmus, K., Mete, A., Harris, M., Anderson, D., Sato, Y., Helm, J., Boger, L., **Odani, J.**, Ficken, M., Pabilonia, K.1 (2019). Causes of mortality in backyard poultry in eight states in the United States. *Journal of Veterinary Diagnostics Investigation,* 31(3):318-326*.*
	1. Journal Impact Factor: 1.174 (2018); Number of times cited: 1
	2. Contribution (10%): provided case material and critical review of manuscript. Authorship order for this publication was based on number of cases submitted and lead author in the past position.

**Articles in Refereed Journals (Before Hire)**

1. Diab, S.S., Kinde, H., Moore, J., Shahriar, M.F., **Odani, J.**, Anthenill, L., Songer, G., Uzal, F.A. (2012). Pathology of *Clostridium perfringens* Type C Enterotoxemia in Horses. *Veterinary Pathology*, 49(2):255-263.
	1. Journal Impact Factor: 1.929/2.116 (2018); Number of times cited: 48
	2. Contribution (10%): provided case material and critical review of manuscript.
2. Diab, S., Pascoe, J., Shahriar, M., Read, D., Kinde, H., Moore, J., **Odani, J.**, Uzal, F. (2009). Study of laryngopharyngeal pathology in Thoroughbred horses in southern California. *Equine Veterinary Journal*, 41(9):903-907.
	1. Journal Impact Factor: 2.285/2.115 (2012/2018); Number of times cited: 7
	2. Contribution (10%): provided case material and critical review of manuscript.
3. **Odani, J.S.1**, Blanchard, P.C., Adaska, J.M., Moeller, R.B., Uzal, F.A. (2009). Malignant edema in postpartum dairy cattle. *Journal of Veterinary Diagnostic Investigation*, 21(6):920-924.
	1. Journal Impact Factor: 1.546/1.174 (2009/2018); Number of times cited: 12
	2. Contribution (70%): lead author.
4. Uzal, F. A.1, Houston, R. S., Riley, S. P. D., Poppenga, R., **Odani, J.**, Boyce, W. (2007). Notoedric mange in two free-ranging mountain lions (*Puma concolor*). *Journal of Wildlife Diseases*, 43(2), 274-278.
	1. Journal Impact Factor: 1.013/1.150 (2008/2018); Number of times cited: 15
	2. Contribution (10%): provided case material and critical review of manuscript.
5. Ortega, J.1, Daft, B., Assis, R.A., Kinde, H., Anthenill, L., **Odani, J.**, Uzal, F.A. (2007). Infection of internal umbilical remnant in foals by *Clostridium sordellii*. *Veterinary Pathology*, 44(3), 269-75.
	1. Journal Impact Factor: 1.372/2.116 (2007/2018); Number of times cited: 22
	2. Contribution (10%): provided case material and critical review of manuscript.
6. Anthenill, L.A.1, Stover, S.M., Gardner, I.A., Hill, A.E., Lee, C.M., Anderson, M.L., Barr, B.C., Read, D.H., Johnson, B.J., Woods, L.W., Daft, B.M., Kinde, H., Moore, J.D., Farman, C.A., **Odani, J.S.**, Pesavento, P.A., Uzal, F.A., Case, J.T., Ardans. A.A. (2006). Association between findings on palmarodorsal radiographic images and detection of a fracture in the proximal sesamoid bones of forelimbs obtained from cadavers of racing Thoroughbreds. *American Journal of Veterinary Research*, 67(5):858-68.
	1. Journal Impact Factor: 1.241/1.070 (2006/2018); Number of times cited: 26
	2. Contribution (10%): provided case material and critical review of manuscript.
7. Uzal, F.A.1, Woods, L., Stillian, M., Nordhausen, R., Read, D.H., Van Kampen, H., **Odani, J.**, Hietala, S., Hurley, E.J., Vickers, M.L., Gard, S.M. (2004). Abortion and ulcerative posthitis associated with caprine herpesvirus-1 infection in goats in California. *Journal of Veterinary Diagnostic Investigation*, 16(5), 478-484.
	1. Journal Impact Factor: 0.900/1.174 (2004/2018); Number of times cited: 26
	2. Contribution (10%): provided case material and critical review of manuscript.
8. Kinde, H.1, Read, D.H., Daft, B.M., Hammarlund, M., Moore, J.D., Uzal, F.A., **Mukai, J.**, Woolcock, P. (2003). The Occurrence of Avian Influenza A Subtype H6N2 in Commercial Layer Flocks in Southern California (2000-02): Clinicopathologic Findings. *Avian Diseases*, 47:1214-1218.
	1. Journal Impact Factor: 0.975/1.306 (2003/2018); Number of times cited: 57

Contribution (10%): provided case material and critical review of manuscript.

**Extension Resources and Publications**

**Peer-Reviewed Technical Papers and Extension Materials (Since Joining UHM):**

1. In preparation: Katulski, S., Thorne, M.S., **Odani, J.S.**, Oshiro, M. Copper Supplementation for Beef Cattle in Hawai‘i. College of Tropical Agriculture and Hum. Resources, Honolulu, HI.

2. In preparation: update of Stevenson, M.H. Stokes, A.M., McNeal, L. An Introduction to Sheep and Goat Parasite Management in Hawai‘i. College of Tropical Agriculture and Human Resources, Honolulu, HI. Specifically revising the section on deworming protocols.

3. In review process: **Odani, J.**, McKillop, A.L, Stokes, A.M. Backyard Poultry Basics for Hawai‘i. College of Tropical Agriculture and Human Resources, Honolulu, HI. Contrib. (70%)

4. Completed but embargoed for release until ~10/14/19. A Veterinary Perspective of Rat Lungworm Disease. (2019). College of Tropical Agriculture and Human Resources, Honolulu, HI. The College intends to release this video as part of a rat lungworm media outreach package. Contribution (90%)

5. In preparation: Caires, K., **Odani, J.**, Mishra, B., DuPonte, M., Stevens, L., Fergerstrom, M. Selection of an Extender for Bull Sperm Cryo-preservation for Artificial Insemination. College of Tropical Agriculture and Human Resources, Honolulu, HI. Contribution (10%): project collaborator and critical review of manuscript.

6. In preparation: Caires, K., Mishra, B., DuPonte, M., Fergerstrom, M., **Odani, J.**, Stevens, L. Setting the Standards for Semen Collection of Bulls from the Mealani Research Station. College of Tropical Agriculture and Human Resources, Honolulu, HI. Contribution (10%): project collaborator, section author, and critical review of manuscript.

7. In preparation: Castle, B.A.\*, Zaleski, H.M., **Odani, J.** Swine Disease Summaries for the Hawai‘i Producer. An expansion of the 2017 Swine Health Surveillance flyer (as requested by several producers) to help with understanding the diseases threatening their herd, biosecurity, and how to communicate with extension and other resources to respond to disease problems.

8. **Odani, J.**, Cowie, R., Jarvi, S., Malik. R. Rat Lungworm Disease for the Veterinary Professional. VE-2. Information about the emerging zoonotic pathogen, *Angiostrongylus cantonensis*, its life cycle, modes of transmission, diagnosis, and treatment. Contribution (60%): lead author.

9. Mogren, C. & **Odani, J.** 2019. Compliance with Beekeeping Laws in Hawai‘i. P&P-3. College of Tropical Agriculture and Human Resources, Honolulu, HI. An expanded collection of regulations concerning beekeeping, including veterinary roles. Contribution (20%): section author and critical review of manuscript.

10. **Odani, J.** (on behalf of the HVMA) 2018. Rat Lungworm Survey of Hawai‘i Veterinarians. Summary of the experiences of Hawai‘i veterinarians with Rat Lungworm Disease. Written for and submitted to the HVMA per Hawai‘i House Resolution 225, Regular session 2018. Contribution (90%): lead author.

11. Castle, B.A.\*, Primavera, T.G.\*, **Odani, J.S.**, Heskett, T.W., Zaleski, H.M. 2018. Biosecurity Procedures for Visits to Swine Farms. LM-33. College of Tropical Agriculture and Human Resources, Honolulu, HI. In press. This document was primarily drafted by B. Castle (Graduate Student) based on standard operating procedures I developed while employed at the Hawai‘i Department of Agriculture. Contribution (25%): manuscript conception, author of foundational document, and critical review of manuscript.

12. **Odani, J.** 2018. Veterinary Feed Directive. VE-1. College of Tropical Agriculture and Human Resources, Honolulu, HI. Provided producers and veterinarians with a handout and brochure versions of simplified summaries of the new rules regarding use of antibiotics in animal feed and the role of the veterinarian. Contribution (90%): lead author.

13. Bee FAQs for Veterinarians. Provided veterinarians with a simplified version of rules for working with bee exporters and producers in Hawai‘i to ensure that all rules are met, and biosecurity risks are minimized. Contribution (90%): lead author.

14. Breeding Soundness Evaluation Record Sheet for Rams. Provided guidelines for how to do a complete BSE on rams. Contribution (90%): lead author.

15. Swine Health Surveillance Flyer. This short document summarized the diseases featured in the Swine Surveillance project. Contribution (90%): lead author.

**Technical Papers and Extension Materials (Since Joining UHM):**

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| 1. | Completed but embargoed for release until ~10/14/19. Rat Lungworm Disease for Dog Owners (video). 2019. College of Tropical Agriculture and Human Resources, Honolulu, HI. The College intends to release this video as part of a rat lungworm media outreach package.  |
| 2. | Rushing, S.\* & **Odani, J.** 2018. HDOA Animal Disease Traceability Manual. This manual was produced as part of an HDOA contract to document the state’s current mechanisms of animal identification and traceability. A report on gaps and areas of need was also submitted to the state veterinarian. Contribution (60%): project conception, organization, and critical review of manuscript. |
| 3. | UH Mānoa Veterinary Extension Website: [www.hivetextension.com](file:///C%3A%5CUsers%5CJenee%20Odani%5CDropbox%5C2019%20Tenure%5Cwww.hivetextension.com) |

**Leadership Roles**

**Departmental Service:**

2018-present Departmental Faculty Representative, University of Hawai‘i Professional Assembly

2017-present Provide veterinary care and consultation for CTAHR researchers: Institutional Animal Care and Use Committee (IACUC) protocols 08-422-9, 16-22319-3, 13-1639-6, 13-1639-6, 17-2605-2. Conducted 8 animal necropsies as the veterinary consultant for these protocols. Work with the IACUC to address any animal health or welfare concerns that may arise.

2017-present Member of the HNFAS Space Committee to help with logistics of space utilization by students, faculty, and staff within the department.

2017-present Judge for CTAHR/COE Student Research Symposium

2016-present Member of the Charles Reid DVM. Memorial Scholarship Committee; Chairperson, 2017 to present. I update and disseminate application materials to pre-veterinary medicine students, collect and organize application submissions, summarize data into a spreadsheet, convene a selection/awarding meeting with members of the University and the veterinary profession, and oversee the actual awarding within the UH fiscal process.

2016-present Member of the HNFAS Curriculum Committee: reviews course offerings, new course content, major requirements, and other issues related to the Animal Sciences curriculum.

2016-present Member of the HNFAS Scholarship Committee: meets annually to review student applications and determines scholarship awards.

2016-present Advisor to the Pre-vet Club at UH Mānoa: serve as University liaison and advisor to club of pre-veterinary medicine students (typically ~30-50 each year). Oversee school and community activities and provides logistical support.

2016 Aloha United Way Departmental Coordinator: coordinated activities for a state-wide charitable organization.

**Professional Service:**

2019 Panel Member USDA National Institute for Food and Agriculture (NIFA) Veterinary Service Grant Program. Evaluated submissions for proposals to relieve veterinary shortage situations and support veterinary services in shortage areas as well as education, extension, and training programs for veterinarians and other veterinary professionals.

2019 Ad hoc reviewer for the Journal of Veterinary Diagnostic Investigations

2018-present Hawai‘i Veterinary Medical Association, Secretary. Review issues that affect the profession and provide testimony to the legislature. Member of the Pet Expo Committee that organizes a weekend event for the public to educate them about all things pet-related; attendance is typically ~10,000. Member of the Annual Conference Committee that organizes the state’s largest veterinary continuing education event. Participates in all logistic activities including site selection, contracts, speaker scheduling, program, social event planning, merchandising, and vendor arrangements.

2016-2018 Hawai‘i Veterinary Medical Association, Oahu Delegate

2016-present Western Interstate Commission for Higher Education, Professional Student Exchange Program, DVM Admissions Committee member and Veterinary Medicine Advisory Council. This program enables students in Hawai‘i to enroll in out-of-state veterinary medicine programs and pay reduced tuition.

2016-present American Association of Extension Veterinarians, Secretary

2013-present Center for Tropical and Subtropical Aquaculture Technical Committee member. Reviewed 19 proposals since joining UH Mānoa.

2012-2019 State Board of Veterinary Medicine, Department of Commerce and Consumer Affairs, Professional and Vocational Licensing. Oversees licensing and issues concerning licensing of veterinarians in Hawai’i.

Chairperson, 2016-2019

2007-2016 American Association of Laboratory Veterinary Diagnosticians: Hawai‘i Delegate

**Grant Support**

**Grants Awarded:**

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| 1. | PI. Diagnosing Prevalent Diseases in Aquacultured Fish. Center for Tropical and Subtropical Aquaculture. 9/1/19-8/31/20. $74,439. Research grant to investigate the disease status of local aquacultured fish, primarily focusing on emerging or other significant (e.g., regulatory) diseases.  |
| 2. | Co-PI. The Hawai‘i Egg Quality Assurance Education and Implementation Program Phase II NPIP: the use of Local Surveillance and Analysis for Hawai‘i’s Poultry Industry. Hawai‘i Department of Agriculture (HDOA). 7/1/18-12/31/19. $81,730. PI: Michael Duponte. My role in this project is to work with HDOA to develop the rules and protocols for the state’s participation in the National Poultry Improvement Program (NPIP) and to oversee the training of a graduate student to educate producers, collect samples, and conduct pathogen surveillance testing.  |
| 3. | Co-PI. Artificial Insemination as a Tool to Improve Livestock Genetics in Hawai‘i County. County of Hawai‘i, Department of Research and Development. 10/1/18-9/30/19. $8,000. PI: Michael Duponte. My role is to help develop the biosecurity and testing protocols to ensure the high health status of the donor bulls.  |
| 4. | PI. Hawai‘i Animal Disease Traceability Database Practices and Procedures Report. Hawai‘i Department of Agriculture. 4/13/18-6/30/18. $5,665. Analyzed current animal identification and traceability practices in the Animal Industry Division (HDOA) and create a written manual for use in training. Analyzed gaps and needs within the current program |
| 5. | PI. A Shrimp Disease Diagnostic Laboratory for Hawai‘i. Center for Tropical and Subtropical Aquaculture. 12/1/18-11/30/19. $50,000. This important project seeks to develop a USDA-approved laboratory for conducting shrimp pathogen testing. Hawai‘i’s multi-million-dollar industry in exporting SPF shrimp broodstock requires that the shrimp be free of current OIE-listed diseases and many other emerging diseases.  |
| 6. | PI. A Shrimp Disease Diagnostic Laboratory for Hawai‘i. Hawai‘i Department of Agriculture. 2/15/18-6/30/19. $60,000. Same purpose as above.  |
| 7. | PI. Small Ruminant Health Surveillance. Supplemental funding, Hatch 2050H/Smith Lever 14-209. 10/1/17-9/30/19. $61,000. This project seeks to study the management and health status of small ruminant herds in the state. A special focus is on anthelmintic resistance of internal parasites. Graduate student recruited in January 2018.  |
| 8. | PI. Turning All Veterinarians into Food-Animal Veterinarians through Focused Continuing Education. USDA, NIFA, Veterinary Services Grant Program. 10/1/17-9/30/20. $169,304. Three-year project to provide 5 series of continuing education for veterinarians in food animal medicine/surgery. The goal is to increase and improve veterinary services for food animals in the state of Hawai‘i.  |

**Grants, Pre-proposal Accepted:**

1. PI. Enhanced Disease Surveillance and Biosecurity for Hawai‘i’s SPF Shrimp Broodstock Industry. Center for Tropical and Subtropical Aquaculture. $50,000. Research grant to investigate the disease status of local aquacultured fish, primarily focusing on emerging or other significant (e.g., regulatory) diseases.

**Grants, Submitted:**

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| 1. | Co-PI. *Assessment of Ovarian Tumors in Cattle*. CTAHR, Animal Health Program, $24,000. PI: Birendra Mishra. This project proposes to characterize ovarian tumors in cattle using histologic, immunohistologic, physiologic (hormonal), and gene expression characteristics. I will be responsible for histopathologic classification of tumors and other ovarian lesions.  |
| 2. | Co-PI. *Application of Genetic and Reproduction Technologies to Improve Hawaii Grass-fed Beef Cattle Production*. CTAHR Team Science, $80,000. PI: Jinzeng Yang. I will be responsible for developing the biosecurity and health management protocols for project animals.  |
| 3.  | Co-PI. *State-wide Survey of Copper Status of Cattle in Hawaii*. CTAHR Team Science, $78,571. PI: Savannah Katulski. I will be responsible for developing the tissue sampling protocols, collecting slaughter samples on Oahu, directing shipment and testing of samples, and developing protocols for and completing liver biopsies.  |
| 4. | Co-PI. *Science and the Citizen: Re-visioning Research Stations as Centers of Learning*. CTAHR Team Science, $30,000. PI: Theodore Radovich. I will be responsible for the animal-related portions of this project including laying hens and tilapia raised in aquaponics systems.  |

**Grants, Not Awarded:**

1. Co-PI. *Enhancing the Utilization of Food Wastes for Economical, Healthy, and Sustainable Swine Production*. USDA, NIFA, Western Sustainable Agriculture Research and Education. $235,172. 2018. PI: Rajesh Jha.
2. Co-PI. *Developing Sustainable Poultry Production Systems in Hawai‘i*. USDA, NIFA, Western Sustainable Agriculture Research and Education.” $49,971. 2017. PI: Rajesh Jha.
3. Co-PI. *Sustainable and Healthy Poultry Production in Hawai‘i*. UH Vice Chancellor of Research Strategic Investment Proposals. $105,292. 2017. PI: Rajesh Jha.
4. PI. *Serosurveillance of Feral Swine in Maui County: Filling the Gap*. Maui County Grant. $3,017. 2017.
5. PI. *Validation and Application of a PCR assay for Rat Lungworm Infection in Dogs and Cats in Maui County*. Maui County Grant. Validation and application of a PCR assay for Rat Lungworm infection in dogs and cats in Maui County. $12,364. 2017.
6. Co-PI. *University of Hawai‘i Animal Production Fellowship Program* (for 3 M.S. graduate students). National Needs Fellowship. USDA-NIFA. $123,000. 2016. PI: Halina Zaleski.

**Conferences:**

**Conference Presentation Abstracts Accepted:**

**\*** Denotes graduate student. My name is highlighted in **bold**. Name of speaker is underlined.

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| 1. | **Odani, J.**, Sox, E.M., Coleman, W., Jha, R., Malik, R. *First Documented Cases of Canine Neuroangiostrongyliasis due to Angiostrongylus cantonensis in Hawai‘i*. 6th International Workshop on Angiostrongylus and Angiostrongyliasis, Hilo, HI. 1/20. |
| 2. | **Odani, J**., *Developing a Shrimp Disease Diagnostic Laboratory in Hawai‘i*. Aquaculture America, Honolulu, HI. 2/20. |
| 3. | Dahl, D.\*, Haverly, S.N., Wagenman, I., Nakamura, T., **Odani, J.**, Yang, J. *Investigation of Copepods as a Live Feed for Hawai‘i Larval Shrimp Culture*. Aquaculture America, Honolulu, HI. 2/20. |

**2.2.5 Refereed Conference Presentations (Since Joining UHM):**

**\*** Denotes graduate student. My name is highlighted in **bold**. Name of speaker is underlined.

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| 1. | Castle, B.A.\*, **Odani, J.**, Jha, R., Ogasawara, N., Zaleski, H.M. S*urvey of Disease, Management, and Biosecurity Practices of Hawai‘i Swine Farmers*. Poster. Annual American Society of Animal Science and Canadian Society of Animal Science Joint Conference, Vancouver, Canada. 7/10/18.  |
| 2. | **Odani, J.**, Zaleski, H.M., Ogasawara, N.\*, Castle B.\* *Swine Serosurveillance in Hawai‘i*. Poster. American Association of Veterinary Laboratory Diagnosticians, San Diego, CA. 10/12-10/18/17. |
| 3. | **Odani, J.,** Zaleski, H.M., Ogasawara, N.\*, Castle, B.\*, Vannucci, F., Heskett, T.W. *Swine Serosurveillance in Hawai‘*i. Oral. Applied Animal and Public Health Research and Extension Symposium, San Diego, CA. 10/14/17. |

**Refereed Conference Presentations (Before Hire)**

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| 1. | **Odani, J.**, Read, D., Daft, B., Kinde, H., Moore, J., Uzal, F., Shivaprasad, H., Chin, R., Rezvani, M., Woolcock, P., McFarland, M.D., Charlton, B., Sommer, F., Zellner, D., Moeller, R., Anderson, M., Barr, B. *Pathology of Exotic Newcastle Disease in Backyard Chickens during the 2002-2003 California Outbreak*. Oral. American Association of Veterinary Laboratory Diagnosticians Annual Conference, San Diego, CA, 10/03. |
| 2. | **Odani, J.**, Read, D., Daft, B., Kinde, H., Moore, J., Uzal, F., Shivaprasad, H., Chin, R., Rezvani, M., Woolcock,, P., McFarland, M.D., Charlton, B., Sommer, F., Zellner, D., Moeller, R., Anderson, M., Barr, B. *Pathology of Exotic Newcastle Disease in Backyard Chickens during the 2002-2003 California Outbreak*. Oral. Western Poultry Disease Conference, Sacramento, CA. 3/8-3/11/03.  |

**Other Conference/Meeting Presentations (Since Joining UHM):**

\* Denotes student presenter. My name is highlighted in **bold**. Name of speaker is underlined.

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| 1. | **Odani, J.** *Poultry Health and Management Programs in Hawai‘i.* NE-1442 Poultry Multi-State Meeting, Honolulu, HI. Invited Speaker, 7/30/19.  |
| 2. | Paradis, K.,\* **Odani, J.** *Where’s the fresh eggs and meat? Improving the Hawai‘i poultry industry through communication and outreach.* CTAHR and College of Engineering Student Research Symposium, Honolulu, HI. 4/15/19. |
| 3. | Ching, C.,\* **Odani, J.** *Avian Botulism: be on the lookout for dead birds****!*** CTAHR and College of Engineering Student Research Symposium, Honolulu, HI. 4/15/19. |
| 4. | Castle, B.A.,\* **Odani, J.**, Jha, R., Ogasawara, N., Zaleski, H.M. *Survey of Disease Management and Biosecurity Practices of Hawai‘i Swine Farmers.* CTAHR and College of Engineering Student Research Symposium, Honolulu, HI. 4/20/18. |

**Other Conference/Meeting Presentations (Before Hire):**

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| 1.  | **Odani, J.\*** *Applications of Histotechnology in Veterinary Diagnostics*. Society for Histotechnology Symposium/Convention, Costa Mesa, CA. 5/06. |
| 2. | **Odani, J.**,\* Read, D., Daft, B., Kinde, H., Moore, J., Uzal, F., Shivaprasad, H., Chin, R., Rezvani, M., Woolcock, P., McFarland, M.D., Charlton, B., Sommer, F., Zellner, D., Moeller, R., Anderson, M., Barr, B. *Pathology of Exotic Newcastle Disease in Backyard Chickens during the 2002-2003 California Outbreak*. University of California-Davis, Veterinary Medical Teaching Hospital House Officer Seminar Day, Davis, CA. 3/03.  |

**Invited Extension and Outreach Presentations (Since Joining UHM):**

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| 1. | *Sheep and Goat Parasites*, Kaua‘i Sheep Parasite Management Workshop, Kapaa, HI. Co-presented workshop with County Livestock Agent and local veterinarian to train producers on parasite assessment in animals, fecal egg counts, and management practices. 23 participants. 7/25/19. |
| 2. | *Diagnosis and Clinical Analysis of Mineral Issues in Livestock*, Spring Forage Field Days, Lihue, Makawao, and Waimea, HI. 6/3-6/7/19. |
| 3. | *Livestock Health and Management*, Maui AgPro Professional Development, Wailuku, HI. 10/23/18. |
| 4. | *Veterinary-Client-Patient Relationship, Veterinary Feed Directives, and Reportable Diseases*, HDOA/USDA Accreditation, Aiea, HI. Presented information to 10 veterinarians. 10/5/18. |
| 5. | *Surveillance of Swine in Hawai‘i*, The Swine Medicine Talks, AASV/SMECast Series for Veterinary Students, Ames, IA. Invited to speak to veterinary students at schools across the US via live audio/video stream. 3/26/18. |
| 6. | *VFD for Veterinarians*, Hawai‘i Department of Agriculture/USDA Veterinary Accreditation Training, Aiea, HI. Discussed the new rules regarding use of antibiotics in animal feed, the Food Animal Residue Avoidance Database (FARAD), and the veterinary-client-patient relationship. 1/13/17. |
| 7. | *Basics of Pig Health, Biosecurity, and Feral Pigs*. Swine Health and Management, Kaua‘i Swine Day, Kapaa, HI. Presented information related to Pork Quality Assurance (biosecurity, rules/regulations) and swine health issues. Demonstrated fecal parasite examination to 4 producer participants. 2/2/19. |
| 8. | *Basics of Pig Health, Biosecurity, and Feral Pigs*. Kaua‘i Piggery Health and Nutrition Workshop, Waimea, HI. Presented information relevant to pig health, biosecurity, rules/ regulations, and nutrition to 15 participants. 11/27/18. |

**Invited Outreach Presentations (Before Hire):**

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| 1. | *Porcine Epidemic Diarrhea Virus*, Hawai‘i Department of Agriculture, Aiea, HI. 11/25/14. |
| 2. | *Swine Disease Updates*, Hawai‘i Pork Industry Association Meeting, Aiea, HI.1/25/14. |
| 3. | *Swine Disease Updates*, Hawai‘i Pork Industry Association Meeting, Aiea, HI. 6/29/13. |
| 4. | *Swine Diagnostic Testing*, Hawai‘i Pork Industry Association Meeting, Aiea, HI. 2/18/12. |
| 5. | *Animal Health and Current Swine Problems*, Hawai‘i Pork Industry Association Meeting, Aiea, HI. 2/09. |