

John Doe

Fall 2019

Instructor: Dr. Albie Miles

Learning Objectives: APSC 490X - Senior Food Systems Practicum

Host Organization: Center for Food Safety

Host Location: Honolulu, HI

Host Contact: Ashley Lukens, Ph.D. - ablukens@me.com

Learning Objectives: By the end of the term, I, Jane Doe, will demonstrate through writing, oral communication, and a final site host evaluation, an understanding of the following:

- 1. Agrochemical and Seed Company Impacts:** through writing and oral communication, I will demonstrate an intermediate-level understanding of the CFS assessment of how agro-chemical and seed companies are negatively impacting environmental quality and human health in local communities.
- 2. Pesticide Regulation:** through writing and oral communication, I will demonstrate an intermediate-level understanding of pesticide regulation in Hawai'i.
- 3. Public Policy:** through writing and oral communication, I will demonstrate an intermediate-level understanding of how science informs public policy, and how public needs and interests are translated into legislative action in Hawai'i.
- 4. Climate Change:** through writing and oral communication, I will demonstrate an intermediate-level understanding of how the organization does scientific research to improve the food system of Hawai'i, and mitigate and adapt to climate change.
- 5. Transgenic Crop Production:** through writing and oral communication, I will demonstrate an intermediate-level understanding of the current scientific debate on regulating transgenic crop production in Hawai'i.
- 6. CFS Farmer Education:** through writing and oral communication, I will demonstrate an intermediate-level understanding of how CFS is attempting to educate farmers of the role of farm management in mitigating and adapting to climate change and promoting biodiversity. Gain insight of how healthy soils contribute to carbon sequestration and how carbon sequestration helps mitigate and adapt to the impacts of climate change.

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Learning Objectives: By the end of the term, I, Jane Doe, will demonstrate through writing, oral communication, and a final site host evaluation, an advanced-level, introductory understanding of the following:

- 1. Legislative Action:** an advanced-level understanding of the process by which public needs and interests are translated into legislative action.
- 2. Cooperation and Contribution:** engage in a teamwork environment and contribute to the daily clerical and project needs of the Center for Food Safety.
- 3. Community Outreach:** gain experience in educating consumers about the realities of the agriculture industry through community outreach and participation events.
- 4. Transgenic Crops:** understand the scientific debate (ecological and social issues) around the use of transgenic crops and legal challenges of regulating transgenic crop production (e.g. pesticide regulations) in Hawaii and nationally.
- 5. Pesticide Use:** acquire insight on the pesticide issues specific to Hawaii and learn to effectively debate said issues (drawing extensively from the scientific literature) in a professional environment.
- 6. Farm Management:** develop an advanced-level of understanding of the role of farm management in developing healthy soils and carbon sequestration and its contributions to climate change, adaptation, and mitigation. Develop the skills and knowledge to effectively promote the 'Healthy Soils' video series on social media and plan two healthy soils video launch events at UH Manoa and UH West O'ahu

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Learning Objectives: APSC 490X - Senior Food Systems Practicum

Host Organization: Foodland

Host Location: O'ahu, HI

- 1. Decision-making Process for Purchasing Produce:** through writing and oral communication, I will demonstrate an understanding, at an advanced-level: Foodland's decision-making process for purchasing produce (local and/or imported, conventional and/or organic); the role of the consumer in that decision making process; how Foodland attempts to shape communities eating habits and/or responds to community demands; and what Foodland is doing to promote consumption of locally grown, organic produce.
- 2. Supply and Demand Issues:** through writing and oral communication, I will demonstrate an understanding, at an advanced-level, Foodland's role in influencing food system change; the economic impacts of Foodland procuring more locally grown produce; understanding if and how supply of locally grown produce will meet the demand, larger structural issues in meeting existing and anticipated demand that cannot be resolved by market forces alone.
- 3. Food Waste:** through writing and oral communication, I will demonstrate an understanding, at an advanced level, the economic and waste stream impacts of food waste at Foodland; the ways that Foodland is alleviating food waste; and the economic losses of food waste; issues of expiration date, food donations and food safety laws.
- 4. Relationships with Primary Producers:** through writing and oral communication, I will demonstrate an understanding, at an advanced level, the relationship Foodland has with primary producers (farmers, ranchers), and the processes and limitations in which Foodland can procure produce directly from farms.
- 5. General Business Operations:** through writing and oral communication, I will demonstrate an understanding, at an advanced level, Foodland's general business model; the processes /costs of managing a grocery store, and the limitations to opening a new grocery store in the Hawaii marketplace; issues/challenges of building new grocery outlets in low income communities.
- 6. Double-bucks Program:** through writing and oral communication, I will demonstrate an understanding, at an advanced level, how a program like "double bucks" can be implemented at Foodland; the positive impact that such a program could have on local food security for vulnerable populations as well as local agriculture, and understanding the potential negative impacts of a double bucks program, or the limitations to implementing it.

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Host Organization: Kōkua Hawai'i Foundation (KHF)

Host Location: P.O. Box 866, Hale'iwa, HI 96712

Host Contact: Kelly Perry - kelly@kokuahawaiifoundation.org

Learning Objectives: By the end of the term, I, Jane Doe, will demonstrate through writing, oral communication, and site host evaluation, an advanced-level understanding of the following:

- 1. KHF Mission and Structure:** an advanced-level understanding of the KHF mission, structure, priorities, programs and long-range planning goals and objectives.
- 2. KHF and Farm to School:** an advanced-level understanding of how Kōkua Hawai'i Foundation supports the state Farm-to-School efforts, and what active steps they are taking to encourage and enhance DOE nutrition and local food procurement standards.
- 3. KHF and Community Connection:** an advanced-level understanding of KHF's influence and impact on the target community it intends to serve, and the long range planning goals KHF has identified to enhance positive relationships and social impact among key educational institutions, organizations and student learners. How Kokua Hawaii Foundation builds relationships with farmers across the state.
- 4. KHF Curriculum:** an advanced-level understanding of the KHF curricula offered for each grade level and how it includes teachers and students in the schools (re: 'Āina In Schools). An advanced-level understanding of how KHF curriculum is used to support grade-level state standards.
- 5. Organic Farming Techniques and Experiential Learning:** an advanced-level understanding of organic farming techniques used in school gardens and the experiential learning processes - using the garden - that is understood to work best for students.

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Fall 2018
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Host Organization: We Grow Urban Farm

Host Location: Sacramento, CA

Host Contact: Nelson Hawkins, (530) 906-7444, wegrowurbanfarm@gmail.com

Learning Objectives: By the end of the term, I, Jane Doe, will have an intermediate level command of the following skills and concepts associated with urban agriculture and food system change in Sacramento, California

- 1. Environmental Stewardship:** through writing and oral communication, I will demonstrate an intermediate-level understanding of the skills and concepts to effectively empower citizens who *We Grow Urban Farm* (the organization) works with to be better environmental stewards, and more aware of healthy living options through a farm-to-fork initiative that teaches garden-based learning, basic farming skills, and nutrition education.
- 2. Structural Obstacles:** through writing and oral communication, I will demonstrate an intermediate-level understanding of the key social, political and economic obstacles faced by We Grow Urban Farm when attempting to address the rates of food insecurity in low-income and poor areas of Sacramento, California.
- 3. Appropriate Food Access:** through writing and oral communication, I will demonstrate an intermediate-level understanding of key strategies for building an effective community garden that consistently provides high quality food for people who do not have access to healthy, nutritious, and culturally appropriate foods.
- 4. Small Farming Businesses:** through writing and oral communication, I will demonstrate an intermediate-level understanding of strategies and obstacles to incubating urban farms and mentoring small-scale farmers to launch successful small farm businesses.
- 5. Non-Profit Fundraising:** through writing and oral communication, I will demonstrate an intermediate-level understanding of how a non-profit organization functions with particular emphasis on fundraising and revenue streams.