## **DENISE C. NELSON-HURWITZ, PHD**

Office of Public Health Studies University of Hawai'i at Mānoa Biomedical Sciences Building, Room D-203 1960 East-West Road Honolulu, Hawai'i 96822

### **EDUCATION**

2013	<b>Doctor of Philosophy - Microbiology</b> Department of Microbiology University of Hawai'i at Mānoa Dissertation: Molecular Epidemiology of Seasonal and Pandemic Influenza A (H1N1) in Hawai'i
2009	<b>Masters of Science - Epidemiology</b> Office of Public Health Studies University of Hawai'i at Mānoa Thesis: Molecular Epidemiology of Influenza A in Hawai'i – Pilot Study
2007	<b>Bachelor of Arts - Economics</b> University of Hawai'i at Mānoa Minor: Biology; Graduation with High Honors Distinction

Honors Thesis: Cost-Effectively Responding to Avian Influenza in Hawai'i

## **PROFESSIONAL EXPERIENCE**

Position	Location	Dates
Assistant Professor (Tenure Track)	University of Hawai'i at Mānoa Office of Public Health Studies	8 /16 – present
Assistant Professor & Recruitment Advisor (Non-Tenure Track)	University of Hawai'i at Mānoa Office of Public Health Studies	8 /13 - 7 /16
Graduate Research Assistant & Recruitment Advisor	University of Hawai'i at Mānoa Office of Public Health Studies	1 /09 -7 /13
Graduate Assistant & Production Assistant	University of Hawai'i at Mānoa John A. Burns School of Medicine Department of Native Hawaiian Health PILI 'Ohana Project	8 /08 -1 /09
Data Management Support	University of Hawai'i at Mānoa Asia-Pacific Institute of Tropical Medicine & Infectious Diseases Biostatistics & Data Management Facility	11 /07 -8 /08
D.C. Nelson Hurwitz CV $8/2/20$		1

Medical Assistant	Fetal Diagnostic Institute of the Pacific	8 /06 -1 /12
Managerial Assistant	Fetal Diagnostic Institute of the Pacific	4 /05 -8 /06
TEACHING EXPERIENCE		
Courses	Location	Dates
Introduction to Public Health (Public Health 201) [undergraduate]	Office of Public Health Studies University of Hawai'i, Mānoa	, Spring (2 sections) & Summer 2014; Fall 2015; Spring & Fall 2016; Spring, Summer, & Fall 2017-2018; Spring & Fall 2019; Spring, Summer, & Fall 2020
Application of Public Health Principles in Research and Practice (Public Health 480) [undergraduate]	Office of Public Health Studies University of Hawai'i, Mānoa	
Applied Learning Experience (Public Health 485) [undergraduate]	Office of Public Health Studies University of Hawai'i, Mānoa	
Public Health Undergraduate Capstone S (Public Health 489) [undergraduate] [Writing Intensive effective Sp16]	eminar Office of Public Health Studies University of Hawai'i, Mānoa	
Public Health in Hawai'i (Public Health 202) [undergraduate] [Co-teaching with doctoral teaching practicum student]	Office of Public Health Studies University of Hawai'i, Mānoa	
Seminar in Global Public Health (Public Health 203) [undergraduate] [Co-teaching with doctoral teaching practicum student]	Office of Public Health Studies University of Hawai'i, Mānoa	, Fall 2014
Needs Assessment (Public Health 649)	Office of Public Health Studies University of Hawai'i, Mānoa	, Spring 2013
Introduction to Public Health (Public Health 600) [co-instructor]	Office of Public Health Studies University of Hawai'i, Mānoa	
Introduction to Public Health Issues (Public Health 301) [undergraduate, co-instructor]	Office of Public Health Studies University of Hawai'i, Mānoa	, Fall 2012
Seminar in Global Public Health (Public Health 303) [undergraduate, co-instructor]	Office of Public Health Studies University of Hawai'i, Mānoa	, Spring 2012
D.C. Nelson-Hurwitz CV 8/2/20		2

## HONORS AND AWARDS

2019-2020	Nominee & Finalist University of Hawai'i at Mānoa Excellence in Teaching Award
2018-2019	Nominee University of Hawai'i at Mānoa Excellence in Teaching Award
2017	Delta Omega Award for Innovative Public Health Curriculum, Honorable Mention PH 480: Application of Public Health Principles in Research and Practice
2017	Frances Davis Award for Excellence in Undergraduate Teaching University of Hawai'i at Mānoa
2016	Honorary Faculty Inductee National Society of Collegiate Scholars, University of Hawai'i at Mānoa
2010	Pacific Asian Center for Entrepreneurship (PACE) Fellowship Shidler College of Business, University of Hawai'i at Mānoa
2009	Student Poster Finalist, Delta Omega Honorary Public Health Society (Presentation at American Public Health Association Annual Conference)
2008-12	Associate, NSF IGERT (Integrative Graduate Education & Research Traineeship) University of Hawai'i at Mānoa
2008	Koseki Award for Excellence in Community Service Office of Public Health Studies, University of Hawai'i at Mānoa
2007	Bachelor of Arts Graduation with High Honors Distinction University of Hawai'i at Mānoa
2005	Sophomore Honors Distinction University of Hawai'i at Mānoa, Honors Program
2003	Bishop James A. Walsh Award Maryknoll School

#### **Peer-Reviewed Journal Articles**

Wolff G, **Nelson-Hurwitz DC**, & Buchthal OV. (2020). Identifying and Assessing Factors Affecting Farmers' Markets EBT Sales in Hawai'i. *Public Health Nutrition*. DOI: 10.1017/S1368980019004051

Buchthal OV, **Nelson-Hurwitz DC**, Hsu L, Beyers M, & Banna J. (2019). Identifying Urban Immigrant Food-Cultivation Practices for Culturally-Tailored Garden-Based Nutrition Programs. *Journal of Immigrant and Minority Health*. DOI: 10.1007/s10903-019-00952.

**Nelson-Hurwitz DC**, & Buchthal OV. (2019). Using Deliberative Pedagogy as a Tool for Critical Thinking and Career Preparation Among Undergraduate Public Health Students. *Frontiers in Public Health*, 7, 37. DOI: 10.3389/fpubh.2019.00037.

**Nelson-Hurwitz DC**, Kehl L, & Braun KL. (2019). Aloha Undergraduates: Development and Application of Local and Indigenous Topics into an Undergraduate Public Health Curriculum. *Frontiers in Public Health*, 7, 16. DOI: 10.3389/fpubh.2019.00016.

Buchthal OV, Wolff G, Kittinger D, Schaeffner D, & Nelson-Hurwitz DC. (2018). Using spatial analysis to examine best placement of electronic benefit transfer services at farmers' markets in Honolulu County, Hawaii, USA. *Public Health Nutrition*, 1-7. DOI: 10.1017/S1368980018001945.

**Nelson-Hurwitz DC**, Buchthal OV, Tagorda M, & Braun KL. (2018). Adding a Baccalaureate Degree to a Graduate Public Health Program While Addressing Stakeholder Concerns. *Pedagogy in Health Promotion*. DOI: 10.1177/2373379918794703.

**Nelson-Hurwitz DC,** Tagorda M, Kehl L, Buchthal OV, & Braun KL. (2018). Developing an Undergraduate Public Health Introductory Core Course Series. *Frontiers in Public Health*, *6*, 155. DOI: 10.3389/fpubh.2018.00155

Davis CMA, Guo M, Miyamura J, Chang A, **Nelson-Hurwitz DC**, & Sentell T. (2017). Key Factors in Obstetric Delivery Decision-Making among Asian and Pacific Islander Women by English Proficiency. *Hawai'i Journal of Medicine & Public Health*, 76(10), 279.

**Nelson-Hurwitz DC**, & Tagorda M. (2015). Developing an undergraduate applied learning experience. *Frontiers in Public Health*, *3*. DOI: 10.3389/fpubh.2015.00002

#### Non-Peer Reviewed (Editorial Review) Journal Articles

Braun KL, **Nelson-Hurwitz DC**, Ono M, Godinet M, Perkinson M, & Mokuau N. (2017). From *Hale* to *Kauhale*: Public Health, Social Work, and Aging. *Hawai'i Journal of Medicine & Public Health*, 76(4), 135.

**Nelson-Hurwitz DC**, Arakaki LA, & Uemoto M. (2017). Insights in Public Health: Training Today's Students to Meet Tomorrow's Challenges: Undergraduate Public Health at the University of Hawai'i at Manoa. *Hawai'i Journal of Medicine & Public Health*, 76(3), 89.

## **Book Chapters**

**Nelson-Hurwitz DC**, Kehl L, & Braun KL. (2020). Aloha undergraduates: Development and application of local and indigenous topics into an undergraduate public health curriculum. *Reprinted in Harver A & Hein KD, Integrative learning in US undergraduate public health education: Effective high-impact practices*, Frontiers Publishers. <u>https://www.frontiersin.org/research-topics/8142/integrative-learning-in-us-</u>undergraduate-public-health-education-effective-high-impact-practices

**Nelson-Hurwitz DC**, & Tagorda M. (2015). Developing an undergraduate applied learning experience. *Undergraduate Education for Public Health in the United States*, pp. 43-45. [republished as book chapter from journal article]

## Manuscripts Submitted, In or Pending Review

Yang PL, Katz AR, & Nelson-Hurwitz DC. Evaluating Potential Mosquito Breeding Sites on a University Campus. *Hawai'i Journal of Health & Social Welfare*.

**Nelson-Hurwitz DC** & Lee TH. Redesigning an Undergraduate Global Health Course to Increase Student Engagement and Incorporate High-Impact Educational Practices. *Pedagogy in Health Promotion*.

Asato C, **Nelson-Hurwitz DC**, Lee TH, & Grandinetti A. Comparative Analysis of Metabolic Syndrome Diagnostic Criteria and its Effects on Prevalence in a Multi-Ethnic Population. *Metabolic Syndrome and Related Disorders*.

## **Technical Reports**

**Nelson-Hurwitz DC**. (2015 Sept 30) Public Health Workforce Training Needs Assessment Report- Summer 2015. Hawai'i Public Health Training Hui & Western Region Public Health Training Center.

**Nelson-Hurwitz DC**. (2012 Nov 21) Public Health Workforce Training Needs Assessment Report- Summer 2012. Hawai'i Public Health Training Hui & California-Pacific Public Health Training Center.

## PRESENTATIONS

## **Presented**

Association of Schools and Programs of Public Health (ASPPH) Annual Meeting & Undergraduate Summit

Arlington, Virginia March 18-20, 2020

D.C. Nelson-Hurwitz CV 8/2/20

(Conference Cancelled due to COVID-19; Presented Virtually 4/17/2020)

Oral Presentation Title: What Can You Do With a BAPH? Profiles of Bachelors in Public Health Graduates from a Health Professional Shortage Area Co-Author: Michelle Tagorda, MPH

Poster Presentation Title: Improving Communication of Bachelors Public Health Curriculum Among Students Co-Author: Michelle Tagorda, MPH

#### American Public Health Association Annual Conference

Philadelphia, Pennsylvania November 2-6, 2019 Poster Presentation Title: Identifying the impact of locational and operational factors on farmers' market EBT program outcomes Authors: O.Vanessa Buchthal, DrPH, <u>Denise Nelson-Hurwitz, PhD</u>, & Grace Wolff, BA

## Association of Schools and Programs of Public Health (ASPPH) Annual Meeting & Undergraduate Summit

Arlington, Virginia March 20-22, 2019

Oral Presentation Title: Redesigning an Undergraduate Global Health Course to Increase Student Engagement and Incorporate High Impact Educational Practices Co-Authors: O.Vanessa Buchthal, DrPH & Thomas H. Lee, PhD

Oral Presentation Title: Aloha Undergraduates: Development and Application of Local & Indigenous Topics into an Undergraduate Public Health Curriculum Co-Author: Lisa Kehl, MPH, MSW

Poster Presentation Title: Targeting Student Veterans in Undergraduate Public Health Recruitment Practices Co-Authors: O.Vanessa Buchthal, DrPH & Kennith Scott, MPA

#### American Public Health Association Annual Conference

San Diego, California November 11-14, 2018 Poster Presentation Title: Using Spatial Analysis to Strategize Promotion of EBT Usage at Farmers Markets Authors: O.Vanessa Buchthal, DrPH, Denise Nelson-Hurwitz, PhD, & Grace Wolff, BA

# Association of Schools and Programs of Public Health (ASPPH) Annual Meeting & Undergraduate Summit

Arlington, Virginia March 7-9, 2018 Oral Presentation Title: Developing a System to Evaluate Baccalaureate Public Health Programs Co-Authors: O.Vanessa Buchthal, DrPH, Michelle Tagorda, MPH, Kathryn L. Braun, DrPH

Poster Title: Using Deliberative Pedagogy as a Tool for Critical Thinking and Career Preparation Among Undergraduate Public Health Students Co-Author: O.Vanessa Buchthal, DrPH

## Association of Schools and Programs of Public Health (ASPPH) Annual Meeting & Undergraduate Summit

Arlington, Virginia March 14-17, 2017

Poster Title: Looking Back to Move Forward: Challenges and Successes in Undergraduate Program Development Co-Author: Kathryn L. Braun, DrPH

## Association of Schools and Programs of Public Health (ASPPH) Annual Meeting & Undergraduate Summit

Arlington, Virginia March 20-22, 2016

Oral Presentation Title:

Recruitment of an Ethnically Diverse Public Health Student Body Co-Author: Michelle Tagorda, MPH

#### Poster Titles:

1. Development of a Public Health Undergraduate Presentation Forum Co-Author: Michelle Tagorda, MPH

2. Development of an Integrated and Applied Undergraduate Capstone Course Co-Author: Michelle Tagorda, MPH

### Association of Schools and Programs of Public Health (ASPPH) Annual Meeting

Arlington, Virginia March 22-25, 2015 Oral Presentation Title: Developing an Undergraduate Introductory Core Co-Author: Michelle Tagorda, MPH

## Association of Schools and Programs of Public Health (ASPPH) Undergraduate Education for Public Health Summit

New Orleans, Louisiana November 15, 2014 Oral Presentation Title: Developing An Undergraduate Applied Learning Experience Co-Author: Michelle Tagorda, MPH

#### Invited Presentation: Joint Public Health Emergency Working Group (JPHEWG)

Pacific Regional Medical Command, Tripler Army Medical Center Honolulu, Hawai'i April 16, 2014 Presentation Title: Role of Hawai'i in Influenza Transmission Patterns

#### American Public Health Association Annual Conference

Boston, Massachusetts November 3 - 6, 2013 Poster Title: Role of Hawai'i in Influenza Transmission Patterns Co-Author: Shannon Bennett, PhD

### American Public Health Association Annual Conference

San Francisco, California
October 27 - 31, 2012
Poster Titles:

Molecular Epidemiology of Seasonal & Pandemic Influenza A (H1N1) in Hawai'i Co-Author: Shannon Bennett, PhD

2. Using Student Panels for Practice-Based Teaching & Promotion of Public Health Issues Co-Author: Valerie Yontz, PhD, RN, MPH

3. Integration of Service Learning into the MPH Practicum Experience Co-Author: Valerie Yontz, PhD, RN, MPH

#### **Pacific Global Health Conference**

Honolulu, Hawai'i November 8 - 12, 2011 Oral Presentation Title: Disease Detectives: Recruitment Tool and Promotional Event Co-Presenter: Sheri Gon, MPH

#### American Public Health Association Annual Conference

Washington, D.C.
October 29 - November 2, 2011
Poster Title: Public Health in Action: A Photo Assignment to Attract Undergraduates to Public Health
Co-Authors: Valerie Yontz, PhD, RN, MPH & Kathryn Braun, DrPH

#### American Society of Microbiology, Hawai'i Chapter, Annual Symposium

Honolulu, Hawai'i
April 23, 2011
Poster Presentation Title: Molecular Epidemiology of Seasonal & Pandemic Influenza A (H1N1) in Hawai'i- Preliminary Data Co-Author: Shannon Bennett, PhD

#### John A. Burns School of Medicine- Biomedical Sciences Symposium

D.C. Nelson-Hurwitz CV 8/2/20

University of Hawai'i at Mānoa April 20, 2011 Poster Presentation Title: Molecular Epidemiology of Seasonal & Pandemic Influenza A (H1N1) in Hawai'i- Preliminary Data Co-Author: Shannon Bennett, PhD

#### American Public Health Association Annual Conference

Philadelphia, Pennsylvania November 8 - 12, 2009 Poster Title: Molecular Epidemiology of Influenza A (H1N1) in Hawai'i (Received Delta Omega Honors Society Poster Presentation Award) Co-Author: Shannon Bennett, PhD

#### John A. Burns School of Medicine- Biomedical Sciences Symposium

University of Hawai'i at Mānoa April 14, 2009 Poster Presentation Title: Molecular Epidemiology of Influenza A (H1N1) in Hawai'i Co-Authors: Shannon Bennett, PhD & Allison Imrie, PhD

#### Symposium for Undergraduate Research and Creative Projects

University of Hawai'i at Mānoa

April 28, 2007

Oral and Poster Presentation Title: Cost-Effectively Responding to Pandemic Influenza in Hawai'i

#### Symposium for Undergraduate Research and Creative Projects

University of Hawai'i at Mānoa April 28 – 29, 2006 Oral and Poster Presentation Title: Cost-Effectively Responding to Epidemics in Hawai'i- Proposal (Received Award of Distinction for Oral Presentation)

#### Symposium for Undergraduate Research and Creative Projects

University of Hawai'i at Mānoa April 29 – 30, 2005 Oral Presentation Title: In Search of the "Lost" Sophomores

#### RESEARCH

#### **In Development**

### Innovative Online Public Health Pedagogy to Enhance Educational Success Among Vulnerable College Students During COVID-19

To Be Submitted: August 4, 2020 RFP: Research Grants on Reducing Inequity - Officer's Research Grant Funder: William T. Grant Foundation Role: Principal Investigator

## **Completed**

## Building Infrastructure Leading to Diversity (BUILD): Enhancing Cross Disciplinary Infrastructure and Training at Oregon (EXITO)

November 2014 – December 2019 Funded by: National Institute on Minority Health and Health Disparities (1ULMD009596) Role: University of Hawai'i Curriculum Development Coordinator

### **Post-Doctoral Research: Survival in Obesity-Related Cancers Among Native Hawaiians** August 2013 – June 2015

Research Supplement to Promote Diversity in Health-Related Research (U54CA153459) Funded by: National Cancer Institute (through 'Imi Hale- Native Hawaiian Cancer Network)

## Molecular Epidemiology of Seasonal and Pandemic Influenza A (H1N1) in Hawai'i

Dissertation, Department of Microbiology, University of Hawai'i at Mānoa Chair: Shannon Bennett, PhD Committee Members: Alan Katz, MD, MPH, Hongwei Li, PhD, A. Christopher Whelen, PhD, & Yuanan Lu, PhD Collaborator: Hawai'i Department of Health- State Laboratory Division

## Molecular Epidemiology of Influenza A (H1N1) in Hawai'i - Pilot Study

Masters Thesis, Office of Public Health Sciences, University of Hawai'i at Mānoa Advisors: Shannon Bennett, PhD, Allison Imrie, PhD, Alan Katz, MD, MPH & John Grove, PhD Collaborators: A. Christopher Whelen, PhD & Hawai'i Department of Health- State Laboratory Division

## Cost-Effectively Responding to Avian Influenza in Hawai'i

Undergraduate Honors Thesis, Department of Economics, University of Hawai'i at Mānoa Primary advisor: Jim Dator, PhD (Department of Political Science- Future Studies) Committee members: Sumner La Croix, PhD (Department of Economics) & John Casken, RN, MPH, PhD (School of Nursing)

## In Search of the "Lost" Sophomores

Undergraduate research project, Honors Department, University of Hawai'i at Mānoa Involved developing an honors curriculum for sophomore students in the UH Honors Program. Advisor: Christine Kirk-Kuwaye, PhD Collaborators: Timothy Lum-Yee & Laura Mo

## Submitted, Not Funded

#### Proactive Advising in a Crisis: Promoting Academic Success Among Native Hawaiian/ Pacific Islander and other Vulnerable Students

Submitted: June 5, 2020; Decision: July 8, 2020 RFP: Special COVID-19 Related Research Grant Funder: Spencer Foundation Role: Principal Investigator

#### **CONSULTING ACTIVITIES**

Consultant, Public Health Training Hui via Hawai'i Public Health Institute, 9/ 2019 – 6/ 2020 Role to support development, delivery, and reporting of Hui Needs Assessment

Consultant & Workforce Trainer, Public Health Training Hui, 5/ 2005 – 8/ 2018 (primary or co-trainer for over eight public health community workforce training sessions) -"How to Use Data to Improve Outcomes and Guide Policy;" 4/8/2016 Co-trainer with Ann Pobutzky, PhD

Biological Consultant, Kuehnle Agrosystems, 5/2010 - 8/2010 (in cooperation with PACE Fellowship)

#### **PROFESSIONAL MEMBERSHIPS**

Member, American Public Health Association (APHA) Member, Hawai'i Public Health Association (HPHA) Member, Hawai'i Young Healthcare Professionals

#### **STUDENT ADVISING**

University of Hawai'i at Mānoa (UHM), Office of Public Health Studies, 2013-present:

Advising Relationship	Degree Program	Number of Students
Teaching Practicum Advisor	DrPH	5
Teaching Practicum Advisor	PhD, Public Health	4
Primary Advisor, Public Health Applied Learning	BA g Experience	15
Primary Advisor, UHM Honors Program	BA	14
Total students	All programs	38
SERVICE		

## National

Office of Public Health Studies, University of Hawai'i at Mānoa Representative to Association of Schools and Programs of Public Health (ASPPH) Undergraduate Network August 2018 – Present Independent Peer Reviewer, Frontiers in Public Health (section Public Health Education & Promotion)

February 2020 – Present

Abstract Reviewer, American Public Health Association's 2020 Annual Meeting & Expo (Academic & Practice Linkages in Public Health Caucus program) March 2020 – Present

#### Local & University of Hawai'i

Independent Peer Reviewer, Hawai'i Journal of Health & Social Welfare January 2020 – Present

Public Health Program Representative, Hoʻola Mālamalama (University of Hawaiʻi at Mānoa Health Professions Recruitment Organization) August 2009 – Present

Audio Narrator, Partnership for Improving Lifestyle Intervention (PILI) 'Ohana & PILI Tech
 Program (NIH R-01 & RMATRIX-II Funded Grants)
 Department of Native Hawaiian Health, John A. Burns School of Medicine, University of Hawai'i at Mānoa
 August 2015 – March 2017; August 2008 – August 2009

#### **Departmental**

Chair, Bachelor of Arts in Public Health Program Office of Public Health Sciences, University of Hawai'i at Mānoa May 2014 – Present

Chair, Undergraduate Education Committee Office of Public Health Sciences, University of Hawai'i at Mānoa August 2014 – Present

Coordinator & Faculty Supervisor, Office of Public Health Sciences Student Ambassador Program

Office of Public Health Sciences, University of Hawai'i at Mānoa August 2013 – Present

- Curriculum Committee, Office of Public Health Sciences, University of Hawai'i at Mānoa Faculty Representative, February 2016-present; August 2014 – May 2015 Staff Representative, August 2009 – May 2010 Student Representative, January 2007 – August 2009
- Chair, Tenure-Track Faculty Search Committee (Asst Professor) Office of Public Health Sciences, University of Hawai'i at Mānoa August 2018 – December 2018

- Member, Tenure-Track Faculty Search Committee (Asst/Assoc Specialist) Office of Public Health Sciences, University of Hawai'i at Mānoa August 2018 – December 2018
- Recruitment Advisor Office of Public Health Sciences, University of Hawai'i at Mānoa August 2010 – May 2018
- Chair, Tenure-Track Faculty Search Committee (Asst Professor) Office of Public Health Sciences, University of Hawai'i at Mānoa August 2016 – May 2017
- Interim Undergraduate Public Health Academic Advisor Office of Public Health Sciences, University of Hawai'i at Mānoa February 2016 – April 2016; August 2016; December 2018

Faculty Representative, Council for Education in Public Health (CEPH) Accreditation Committee

Office of Public Health Sciences, University of Hawai'i at Mānoa September 2013 – May 2015

Student Affairs Committee, Office of Public Health Sciences, University of Hawai'i at Mānoa Faculty Representative, August 2013 – May 2015
Staff Representative, August 2009 – May 2013
Student Representative, January 2007 – August 2009

Undergraduate & Distance Education Committee Office of Public Health Sciences, University of Hawai'i at Mānoa Staff Representative, August 2010 – December 2012 Student Representative, August 2008 – May 2009