

## Miryha Gould Runnerstrom, Ph.D.

School of Nursing and Health Studies  
University of Washington Bothell  
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### Education

- Ph.D. University of California, Irvine, 2008  
Social Ecology, concentration in Environmental Analysis and Design  
Emphases: environmental impacts on human health and well-being, design-behavior research
- M.A. University of California, Irvine, 2004  
Social Ecology  
Emphases: research methodology, geoscience
- B.S. Central Washington University, 2001  
Geology Major, *summa cum laude*, President's Scholar (Top 1% of class)

### Academic Appointments

- 2022-present Assistant Professor  
School of Nursing and Health Studies  
University of Washington Bothell
- 2018-2022 Associate Professor of Teaching (tenured)  
Department of Health, Society, and Behavior  
Program in Public Health, University of California, Irvine
- 2014-2018 Assistant Professor of Teaching (tenure-track)  
Program in Public Health, University of California, Irvine
- 2011-14, 2007-09 Adjunct Lecturer  
Program in Public Health and School of Social Ecology, University of California, Irvine
- 2009-11 Adjunct Lecturer  
Westwood College, Anaheim, CA

### Administrative Appointments at University of California, Irvine

Associate Director/Dean for Academic Affairs, Program in Public Health (October 2020 to June 2021)

Associate Director/Dean for Undergraduate Programs, Program in Public Health (November 2019 to October 2020)

Director, Undergraduate Education, Program in Public Health (July 2016 to November 2019)

### Other Affiliations at University of California, Irvine

Affiliated Member, Center for Environmental Health Disparities Research (September 2021 to June 2022)

### Other Teaching, Research, and Professional Experience

*Graduate Teaching Assistant, School of Social Ecology, University of California, Irvine.*  
Assisted faculty with teaching undergraduate and graduate courses on topics including environmental health, environmental geology, social ecology, psychology, field research, and theory development, 2002-2008

*Graduate Research Assistant, School of Social Ecology, University of California, Irvine.*  
Assisted with organizing meetings and arranging workshop facilities for a faculty and student workshop on Visions of Social Ecology, 2007-2008

*Consultant, University of California, Irvine Cognitive Development Laboratory.* Led roundtable discussions between early childhood educators regarding effective strategies for coping with deviant student behavior in the classroom, 2007

*Graduate Research Assistant, School of Social Ecology, University of California, Irvine.*  
Investigated XML-database-web browser compatibility challenges using Microsoft Internet Explorer, Netscape Communicator, Opera and Microsoft Access, co-developed mandatory fields for California fault database, implemented California fault database, designed and supervised multiple undergraduate research projects, populated California fault database, coordinated database population, 2001-2003

*Field Researcher, School of Social Ecology, University of California, Irvine.* Investigated structural geology, geomorphology and tectonic deformation in the Santa Ana Mountains, Orange County, California with an emphasis on observation and measurement of elevated stream terraces along Santiago Creek, a seventh order asymmetric drainage basin, 2002

*Research Assistant, Department of Geological Sciences, Central Washington University.*  
Collected and processed paleomagnetic rock core samples from Kyrgyzstan, Central Asia, analyzed and interpreted paleomagnetic data sets, created geologic maps of the At Bashi, Kochkorka and Naryn Basins, Kyrgyzstan, 2000-2001

### Teaching Experience - University of Washington, Bothell

Course	Quarters Taught
Principles of Health Research (BHS 300)	Spring 2023 Winter 2023 (2 sections)
Introduction to Healthcare Policy and Systems (BHS 305)	Spring 2023

**Teaching Experience at University of California, Irvine**

<b>Course</b>	<b>Quarters Taught</b>
Principles of Public Health (PH1)	Fall 2014 Fall 2013 Fall 2012 Winter 2012 Fall 2011
Case Studies in Public Health Practice (PH2)	Summer Session II 2014 Fall 2013 Summer Session II 2013 Summer session I 2013 Winter 2013
Cities: Focal Point for Sustainability Problems and Solutions (UPPP H30E, UPPP H30F) [Two-class, team-taught capstone series for Sustainable Societies track of the Campuswide Honors Program]	Winter 2021 - Spring 2021 Winter 2020 - Spring 2020 Winter 2019 - Spring 2019
Environmental Quality and Health (PH60)	Fall 2019 Winter 2018 Summer 2017 Summer 2016 Winter 2016 Winter 2015 Winter 2014
Natural Disasters (PH90)	Summer Session I 2014
Public Health and Wellness (PH150) - original course	Fall 2018 Fall 2017 Fall 2016 Fall 2015 Summer Session II 2015 Summer Session I 2014
Climate Change and Disaster Management (PH172) - original course	Spring 2022 Fall 2021 Fall 2020 Spring 2019 Spring 2018
Health and Global Environmental Change (PH173)	Spring 2015 Spring 2014 Spring 2013 Spring 2012

Public Health Honors Seminar and Thesis I, II, and III (PH H192A, B, C)	Fall 2020 - Spring 2021 Fall 2019 - Spring 2020 Fall 2018 - Spring 2019 Fall 2017 - Spring 2018 Fall 2016 - Spring 2017 Fall 2015 - Spring 2016 Fall 2014 - Spring 2015
Public Health Practicum and Culminating Experience (PH195W)	Summer 2017 Fall 2016 Spring 2016 Winter 2016 Fall 2015 Summer 2015 Spring 2015 Winter 2015 Fall 2014 Spring 2014 Winter 2014 Spring 2013 Spring 2012 Spring 2011 Spring 2009
Public Health Practicum Abroad (Field Study - PH195) - original course	Spring 2016 Winter 2016 Summer Session I 2015
Environmental Policy and Global Sustainability (PH241)	Winter 2018 Spring 2017
Introduction to Urban Studies (PPD4)	Winter 2009 Summer Session II 2008
Environmental Sustainability II (PPD132 / ESS182)	Spring 2009
Environmental Psychology (PPD151 / PH151 / P171S)	Summer Session I 2008 Spring 2008 Summer Session II 2007

### Teaching Experience at Westwood College

Course	Terms Taught
Ethical and Critical Thinking (HUM180)	October term 2009
Creative and Critical Thinking (HUM400)	August term 2009
Career Management (PDC200)	October term 2009

Introduction to Physical Science (SCI121)	October term 2010 March term 2010 January term 2010
Earth Science (SCI311)	January term 2011 January term 2010 October term 2009 August term 2009
Environmental Studies (SCI313)	January term 2011 January term 2010 October term 2009 August term 2009
Selected Topics in Physics (SCI321)	August term 2010
Technology and Society (SOC299)	May term 2010

### Teaching Assistant Experience at University of California, Irvine

Course	Quarters Assisted
Human Environments (E3)	Winter 2006 Winter 2004
Introduction to Environmental Quality and Health (E5)	Spring 2004
Environmental and Public Health Policy (E101)	Spring 2002
Environmental Geology - Lab Instructor (E110)	Winter 2002
Social Ecology of Peace (E113)	Fall 2004
Introduction to Human Behavior (P9)	Summer Session II 2006
The Social Animal (P108)	Summer Session II 2005
Environmental Psychology (PPD151)	Winter 2008 Winter 2007 Spring 2006
Naturalistic Field Research - Section Instructor (SE194W)	Winter 2005
Seminar in Social Ecology - Graduate Course	Fall 2007 Fall 2006 Fall 2005
Strategies of Theory Development - Graduate Course	Spring 2007 Spring 2005

## **Graduate Student Mentorship at University of Washington Bothell**

### **Master of Nursing Advising**

Second Reader, *Liz Stevenson* (Spring 2023 through Spring 2024)

### **Doctoral Advising of Students at UC Irvine, Program in Public Health**

External Committee Member, *Karen Valladeres* (February 2023 to present)

External Committee Member, *Kameko Washburn* (July 2022 to present)

## **Graduate Student Mentorship at University of California, Irvine**

### **Doctoral Advising**

Faculty Advisor, *Nik Warren* (Fall 2018 to Spring 2022)

### **Dissertation Committees**

Committee Member, *Kameko Washburn* (Fall 2021 to June 2022)

Committee Member for Advancement, *Nik Warren* (Winter 2022)

Committee Member for Advancement, *Maureen Purcell*, Social Ecology (Fall 2020)

Committee Member for Advancement, *Sara Goodman* (Summer 2020)

Committee Member, *Jaime M. Allgood* (Spring 2015 to Spring 2020)

Committee Member, *Nicole V. DeVille* (Spring 2018 to Summer 2019)

Committee Member for Advancement, *Narae Lee*, Urban Planning and Public Policy (Winter 2019)

Committee Member for Advancement, *Georgia Halkia* (Summer 2018)

### **Master of Public Health Committees / Advising**

Faculty Advisor, *Michael Tronske* (2019-2021)

Faculty Advisor, *Ahdilah Haswarey* (2019-2021)

Faculty Advisor, *Meghan Jefferis* (2017-2019)

Faculty Advisor, *Farihah Chowdhury* (2017-2018)

Faculty Advisor, *Harnoor Garcha* (2016-2018)

Faculty Advisor, *Whitney Miller* (2015-2017)

Faculty Advisor, *Tatyana Litvin* (2015-2016)

Departmental Committee Member, *Kendra Larian* (Winter 2016)

Departmental Committee Member, *Emmi Monsour* (Summer 2015)

Departmental Committee Member, *Vyvian Ngo* (Summer 2015)

Departmental Committee Member, *Scarlett Macias* (Summer 2015)

Departmental Committee Member, *Divya Parikh* (Spring 2015)

### **Other Graduate Research Supervision**

MPH Practicum Preceptor, *Yves-Smith Benjamin* (George Washington University, Fall 2019 to Spring 2020)

Directed and Independent Studies Mentor, *Kameko Washburn* (Spring 2019)

MPH Practicum Preceptor, *Angeli Phan* (George Washington University, Fall 2017)

### **Undergraduate Student Mentorship at University of California, Irvine**

#### **Honors Research and UROP Students**

Campuswide Honors Thesis Advisor, *Emma Marting* (2020-2021 academic year)

Awarded \$175 in UROP funding

Topic: A loneliness epidemic: The adverse effects of social isolation on American young adults, and what we can learn from worldwide populations

Campuswide Honors Thesis Advisor, *Erika Moe* (2020-2021 academic year)

Awarded \$470 in UROP funding

Topic: Green space and COVID-19: How does this COVID-19 pandemic impact outdoor appreciation and coping?

Campuswide Honors Thesis Advisor, *Rachel Lee* (2020-2021 academic year)

Awarded \$375 in UROP funding

Topic: Redefining third places in unique times

Public Health Honors and Campuswide Honors Thesis Advisor, *Raashi Subramanya* (2020-2021 academic year)

Awarded \$300 in UROP funding

Topic: Climate change and its effects on mental health

Public Health Honors and Campuswide Honors Thesis Advisor, *Olivia Longhetto* (Summer 2020-Spring 2021)

Awarded \$1500 in SURP funding \$500 in UROP funding

Topic: Understanding the relationship between workspace environment and current mindfulness practices to improve health and well-being outcomes for telecommuting workers at the University of California, Irvine

Public Health Honors and Campuswide Honors Thesis Advisor, *Krishna Lantin* (2020-2021 academic year)

Awarded \$500 in UROP funding

Topic: Breaking down barriers in the Asian American community: Stigma against mental health

Public Health Honors Thesis Co-Advisor with Dr. Zuzana Bic, *Robin Allas* (Spring 2020)

Awarded \$375 in UROP funding

Topic: Analyzing undergraduate college students' nutritional choices and bridging its connection to mental wellness

Public Health Honors and Campuswide Honors Thesis Advisor, *Shivani Patel* (2019-2020 academic year)

Awarded \$400 in UROP funding

Topic: Climate change perceptions among the UC Irvine student population

Campuswide Honors Thesis Advisor, *Joseph Tseng* (2019-2020 academic year)

Awarded \$300 in UROP funding

Topic: Are political affiliation and voting patterns across the U.S. associated with climate risk levels?

Public Health Honors and Campuswide Honors Thesis Advisor, *Eileen Dai* (Summer 2019 to Spring 2020)

Awarded \$1000 SURP funding and \$375 in UROP funding

Topic: Self-perceptions of wellness and engagement in wellness-promoting behaviors in relation to success among college students

Campuswide Honors Thesis Advisor, *Veronica Preciado* (2018-2019 academic year)

Awarded: \$190 UROP funding

Topic: A content analysis on public universities' sustainability policies across the United States  
Presented a poster at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Campuswide Honors Program



Public Health Honors Thesis Co-Advisor, *Madeleine Golding* (2018-2019 academic year)  
Awarded: \$300 UROP funding  
Topic: Negative roommate relationships and the health and wellbeing of students  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program; paper accepted in the *Journal of Public Health Student Capstones* [M15]

Public Health Honors and Campuswide Honors Thesis Advisor, *Lauren Hisatomi* (2017-2018 academic year)  
Awarded \$1400 SURP funding and \$400 in UROP funding  
Topic: Distracting the distraction in the classroom  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program.

Public Health Honors Thesis Advisor, *Darnel Lopez* (2016-2017 academic year)  
Awarded \$400 UROP funding  
Topic: E-gaming and the effect on health at the University of California, Irvine  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program

Public Health Honors and Campuswide Honors Thesis Advisor, *Eunice Briet* (Spring 2016-Spring 2017)  
Awarded \$1200 SURP funding and \$450 UROP funding  
Topic: Analyzing the impact of internships on mental health  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program; poster accepted for presentation at American Public Health Association annual meeting in 2017 [A21]; paper accepted in the *College Student Journal* [M11]

Public Health Honors Thesis Advisor, *Nik Warren* (Summer 2015-Spring 2016)  
Awarded \$1200 SURP funding and \$600 UROP funding  
Topic: Campus violence and aggression  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program; presented a poster at the Initiative to End Family Violence Politicization of Safety Conference in 2017 [A17]

Public Health Honors Thesis Advisor, *Yara Altaher* (2014-2015 academic year)  
Awarded \$300 UROP funding  
Topic: Examining psychological restoration practices among college students  
Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
completed the Public Health Honors Research Program; presented a poster at the Environmental Design Research Association annual meeting in 2017 [A18]; results published in the *Journal of College Student Development* [M9]

Public Health Honors Thesis Advisor, *Janna Arabikatbi* (2014-2015 academic year)  
 Awarded \$300 UROP funding  
 Topic: Assessing the impact of disease risk knowledge on behavior in college students  
 Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium;  
 completed the Public Health Honors Research Program

Public Health Honors Thesis Advisor, *Thrissia Koralek* (2014-2015 academic year)  
 Awarded \$300 UROP funding  
 Topic: Assessing the impact of global news sources on the level of knowledge, attitudes, and beliefs of Ebola at the University of California, Irvine  
 Published results in the *American Journal of Infection Control* [M4]; presented a talk at the UCI Undergraduate Research Opportunities Program Symposium; completed the Public Health Honors Research Program; results published in the *PLOS Currents: Outbreaks* [M5]

Co-Research Advisor, *Eline Kocharyan* (2014-2015 academic year)  
 Awarded \$300 UROP funding  
 Topic: Maternal gestational exercise, inflammation and autism  
 Presented a poster at the UCI Undergraduate Research Opportunities Program Symposium

Public Health Honors Thesis Co-Advisor, *Eline Kocharyan* (2013-2014 academic year)  
 Awarded \$400 UROP funding  
 Topic: The effects of maternal familial autoimmunity on autism onset and severity  
 Presented a talk at the UCI Undergraduate Research Opportunities Program Symposium; completed the Public Health Honors Research Program; Awarded Undergraduate Research Opportunities Program (UROP) Researcher of the Month in 2014; presented a poster at the American Public Health Association annual meeting in 2014 [A13]

Campuswide Honors Thesis Advisor, *Angela Hsu* (2013-2014 academic year)  
 Topic: Teen pregnancy portrayals in the media contribute to public health strategies  
 Presented a poster at the UCI Undergraduate Research Opportunities Program Symposium

### Directed Studies and Independent Studies Students

*Ali Punsalan*. Topic: Green space and Health (Fall 2020, Winter, 2021, Spring 2021)

*Shriya Samudrala*. Topic: Nutrition and Mental Health (Spring 2020, Fall 2020, Winter 2021, Spring 2021)

*Marina Abdelnour*. Topic: Cardiovascular Disease and Aging (Spring 2020, Winter 2021, Spring 2021)

*Felicity Tabarez-Gutierrez*. Topic: Culture and Mental Wellness (Spring 2020).

*Alexandra Medina*. Topic: Nutrition and Substance Abuse (Spring 2020)

*Allyson Mallari*. Topic: Nutrition and Substance Abuse (Spring 2020)

*Janak Kaur*. Topic: Culture and Mental Health (Spring 2020)

*Denae Esteban*. Topic: Nutrition and Substance Abuse (Spring 2020)

*Courtney Pon*. Systematic Review of Green space and Physical Health Literature (Winter 2020, Spring 2020)

*Roselyn Tanghal*. Systematic Review of Green space and Physical Health Literature (Fall 2019, Winter 2020, Spring 2020)

*Brandon Yoon*. UCI Student Use of Campus Green space (Fall 2019, Winter 2020)

*Eileen Dai*. Content Analysis of Campus Wellness Policies (Winter 2019, Spring 2019)

*Megan Choi*. Environmental Assessment of Social Spaces on the UC Irvine campus (Spring 2018)

*Robin Goharchin*. Environmental Assessment of Social Spaces on the UC Irvine campus (Winter 2018, Spring 2018)

*Brittany Eng*. Topic: Environmental Assessment of Social Spaces on the UC Irvine campus (Fall 2017, Winter 2018)

*Cindy Chwa*. Topic: Climate change, health, and Twitter messaging (Spring 2017, Fall 2017, Winter 2018)

*Jimmy Hua*. Topic: Climate change, health, and Twitter messaging (Spring 2017)

*Thorson Munoz*. Topic: Sustainability and Twitter messaging (Winter and Spring 2017)

*Lauren Hisatomi*. Topic: Classroom distraction and learning (Winter and Spring 2017)

*Saurav Gangopadhyay*. Topic: The intersection of public health and biomedical engineering (Summer 2016)

*Eunice Briet*. Topic: Flourishing and well-being among college students (Spring 2016)

*Sophia Shalabi*. Topic: Wellness pedagogy (Spring 2016)

*Aurora Moreno-Valdez*. Topic: Literature review of dust sampling methodologies (Fall 2015)

*Mystic Pelton*. Topic: Market justice, social justice, and public health (Winter, Spring, and Fall 2015, Winter 2016)

*Nik Warren*. Topics: Peace over violence on the UCI campus, sexual assault on the UCI campus (Winter and Spring 2015)

*Jessica Adame*. Topic: Public health outreach lecture series for a Latino Catholic community in Orange County (Spring 2014)

*Kelly Cheung*. Topic: The Japanese healthcare system (Spring 2014)

*Noreen Syed*. Topics: Water quality and public health, and literature review of mental health benefits of living in urban areas with green spaces (Winter and Spring 2014)

*Ahdilah Haswarey*. Topic: The detrimental causes and effects of obesity: An evidence-based review (Winter 2014)

### Public Health Practicum Abroad Students Supervised at University of California, Irvine

Spring 2017	<i>Tiffany Chiu</i> . Internship: Scholarship America, Washington, D.C.
Fall 2016	<i>Viviana Resendez</i> . Internship: Western Africa AIDS Foundation, Ghana.
	<i>Kevin Preciado</i> . Internship: Baylor Children's Clinic, Botswana
Fall 2015	<i>Nancy Gutierrez</i> . Internship: Western Africa AIDS Foundation, Ghana.
Summer 2015	<i>Sarah Gong</i> . Internship: Medstar National Rehabilitation Hospital, Washington, D.C.
	<i>Alison Klein</i> . Internship: University of California, Office of Federal Government Relations, Washington, D.C.
	<i>Heeyeon Lee</i> . Internship: Bread for the World, Washington, D.C.
	<i>Laura Lee</i> . Internship: Save the Children, Washington, D.C.
	<i>Thi Nguyen</i> . Internship: Innocents at Risk, Washington, D.C.
	<i>Erica Wong</i> . Internship: San Francisco General Hospital's Community Wellness Program, San Francisco, CA
Spring 2015	<i>ToMinh Le</i> . Internship: American Public Health Association, Washington, D.C.
	<i>Anna Tran</i> . Internship: Physicians for Social Responsibility, Washington, D.C.
Winter 2015	<i>Jenny Li</i> . Internship: The National Women's Health Network, Washington, D.C.
	<i>Stephanie Pascua</i> . Internship: Management Sciences for Health, Washington, D.C.
	<i>Danica Rogacion</i> . Internship: Forum for Collaborative HIV Research, Washington, D.C.
	<i>Robin Yip</i> . Internship: Girls, Inc. DC, Washington, D.C.
Fall 2014	<i>Stephanie Guizar</i> . Internship: Environmental Protection Agency, Washington, D.C.
Summer 2014	<i>Gabriela Afra</i> . Internship: Enroll America, Washington, D.C.

### Guest Lectures and Invited Talks at University of Washington, Bothell

Introduction to Public Health (BHS 201): *Climate Change and Environmental Health* (invited presentation to 8 undergraduate students), Winter 2023

## Guest Lectures and Invited Talks at University of California, Irvine

Cities: Focal Point for Sustainability Problems and Solutions II Course: *Resilient Cities and Why We Rebuild* (invited presentation to 55 undergraduate students), Spring 2022

Health and Justice Advocates: *Critical Infrastructure: An Environmental Justice Issue* (invited talk to 12 UCI graduate students), Spring 2022

Graduate Seminar in Public Health: *Climate and Health: Considerations for Communication* (invited presentation to 38 graduate students), Spring 2022

Cities: Focal Point for Sustainability Problems and Solutions I Course: *Cities During Covid and Biophilic Design* (invited presentation to 55 undergraduate students), Winter 2022

Graduate Seminar in Public Health: *Climate and Health: Considerations for Communication* (invited presentation to 13 graduate students), Fall 2021

Pedagogical Fellows Course: *Strategies for Effective Student Engagement in Online Courses* (invited presentation to 30 Ph.D. students), Spring 2021

Campus as a Living Laboratory Course: *Climate Change and Health: How is Climate Change Hesitancy Linked to Vaccine Hesitancy* (invited talk to 12 UCI students), Spring 2021

Climatepedia at UCI: *Wildfires in the Western US: Perspectives, Sciences, & Impacts* (invited panelists to 34 members of the UCI community), Spring 2021

Program in Public Health: *Building Bridges to Better Health, National Public Health Week* (invited panelist to 38 members of the UCI community), Spring 2021

Public Health Alumni Chapter: *A Discussion About Climate Change and COVID-19* (invited presentation to 42 alumni), Fall 2020

Public Health Association Facul-“tea” Panel Presentation (invited panel presentation to 15 undergraduate students)

Pedagogical Fellows Course: *Strategies for Effective Student Engagement in Online Courses* (invited presentation to 25 Ph.D. students), Spring 2020

Faculty Discussion Group: *Synchronous Class Sessions* (invited presentation to 15 UCI faculty and staff on teaching synchronously using Zoom), Spring 2020

Public Health Association Meeting: *COVID-19: The Current State of Affairs* (invited presentation to 30 undergraduate students), Spring 2020

Epidemiology of Infectious Disease Course: *The 2014-2016 Ebola Outbreak* (invited presentation to 100 undergraduate students), Winter 2020

Public Health Seminar Course: *Systems Thinking About Climate Change and Mental Health* (invited presentation to 30 MPH and undergraduate students), Fall 2019

Pedagogical Fellows Course: *Strategies for Effective Student Engagement in Online Courses* (invited presentation to 25 Ph.D. students), Spring 2019

Public Health Speaker Series: *Fostering Civic Advocacy on Campus* panel hosted by Health and Justice Advocates (invited panelist to 30 campus faculty, staff, and students), Spring 2019

Active Learning Institute: *In-class Group Activities* (invited presentation to 55 UCI faculty enrolled in Division of Teaching Excellence and Innovation's Active Learning Institute), Spring 2019

Public Health Association Public Health Summit: *Public Health is Everywhere and Can Take You Anywhere* (invited keynote presentation to 70 audience members), Winter 2019

New Faculty Teaching Academy: *Teaching at UC Irvine* (invited panelist to 35 new faculty) (September 2018)

Research Opportunities for Community College Teachers Fellows Course: *Active Learning in Traditional and Online Courses* (invited presentation to 8 community college faculty members), Summer 2018

Pedagogical Fellows Course: *Strategies for Effective Student Engagement in PH60 Online* (invited presentation to 30 Ph.D. students), Spring 2018

Division of Teaching Excellence and Innovation Teach Week Panel Presentation: *Engaging Students in PH60 Online* (invited presentation to 40 faculty and staff), Spring 2018

Public Health Association Public Health Summit: *Climate Change and Disaster Management* (invited presentation to 25 audience members), Winter 2018

Division of Continuing Education Course: *Natural Disasters and Plate Tectonics* (invited presentation to 30 international students), Winter 2018

Global Health Research, Education and Translation (GHREAT) Journal Club: *Climate Change under the Trump Administration* (invited presentation to 15 undergraduate students), Winter 2018

DECADE PLUS Panel Presentation: *How Being a First Generation Student Impacted My College Experience* (invited panel presentation to 40 first generation undergraduate and graduate students), Fall 2017

UCI Center for Instructional Design: *Strategies of Effective Student Engagement in PH60 Online* (invited presentation to 10 audience members, presentation was recorded for distribution on the CID website), Summer 2017

UCI Refugee Awareness Week: *Psychological Impact of Climate Change on Refugee and other Vulnerable Populations* (invited presentation to 20 audience members), Spring 2017

UCI Reclaim Mental Health Conference: *Psychological Impacts of Climate Change* (invited presentation to 40 audience members), Spring 2017

Public Health Association Public Health Summit: *All Stressed Out: Environments, Health, and Wellness Strategies* (invited special session presentation to 25 audience members), Winter 2017

Global Health Research, Education and Translation (GHREAT) Journal Club: *Political Climate and Climate Change* (invited presentation to 15 undergraduate students), Winter 2017

ASUCI Academic Engagement Series: *Awareness about your Wellness* (invited presentation to 30 undergraduate students), Fall 2016

Orange County Partners to Improve Community Health (OCPICH) Research Meeting at UC Irvine: *Knowledge, Attitudes, and Beliefs: From Surveys to Factor Analysis* (invited presentation to 20 undergraduate research students), Fall 2016

Public Health Undergraduate Honors and Awards Ceremony: *The Road Less Traveled: From Geology to Public Health* (invited keynote presentation to 225 undergraduate students and their families), Spring 2016

Global Health Research, Education and Translation (GHREAT) Journal Club: *Practicum Internships in Botswana* (invited presentation to 15 undergraduate students), Fall 2015

Public Health Practicum undergraduate course: *Critical Thinking and Writing for the Public* (invited guest lecture to 70 undergraduate students), Summer 2013

Environmental Psychology undergraduate course: *Natural Environments* (invited guest lecture to 175 undergraduate students), Winter 2009, Winter 2008, Winter 2007

Seminar in Social Ecology graduate course: *The Development of Transformational Theories* (invited guest lecture to 25 graduate students), Fall 2007

Introduction to Human Behavior undergraduate course: *Introduction to Environmental Psychology* (invited guest lecture to 175 undergraduate students), Winter 2007

Environmental Psychology undergraduate course: *Natural Environments and Psychological Restoration* (invited guest lecture to 100 undergraduate students), Spring 2006

Environment-Behavior Studies graduate course: *Natural Environments, Urban Environments, and Psychological Restoration* (invited guest lecture to 15 graduate students), Spring 2006

Seminar in Social Ecology graduate course: *Testing a Theory of Psychological Restoration Through Self-Actualization Processes* (invited guest lecture to 25 graduate students), Fall 2006

#### **Other Invited Lectures and Talks**

Cities: Focal Point for Sustainability Problems and Solutions II Course at UC Irvine: *Resilient Cities and Why We Rebuild* (invited presentation to 67 undergraduate students), Spring 2023

Association of Schools and Programs of Public Health (ASPPH) Undergraduate Conference: Invited co-presenter with Leah Neubauer and Cheryl Merzel of 90-minute Session on “A New Conceptual Model for the Scholarship of Teaching and Learning” (September 2021)

Climate Justice Symposium for Transforming Education: Invited speaker on “Applying Student Measures of Success to a Climate Change and Disaster Management Course” (April 2021)

Orange County Bar Association: Invited panelist on “The Science of COVID-19 Vaccines (March 2021)

IMPACT Conference: Invited panelist on “COVID-19, Public Health & Inequity” (March 2021)

Universities Allied for Essential Medicines Club at University of California, Los Angeles: Invited presentation on “COVID-19, Sustainability, Social Justice, and Health” (February 2021)

Association of Schools and Programs of Public Health (ASPPH) Academic Affairs Sections Retreat: Co-presenter with Leah Neubauer of Ignite Presentation on “Towards an Articulated Critical Pedagogy for Academic Public Health” (July 2020)

Association of Schools and Programs of Public Health (ASPPH) Academic Affairs Sections Retreat: Presenter in the *Online Teaching-Live Demos* session (June 2019)

### Teaching Materials Developed for Courses at University of California, Irvine

#### Developed new courses for the Program in Public Health

2018-2022	Health and Global Environmental Change (PH173)	Received \$78,000 in ILTI funding to develop a new online course. I am the PI on the project and I am in the process of developing the curriculum for this course.
2018-2019	Cities: Focal Point for Sustainability Problems and Solutions (UPPP H30E, F)	Led the development of original capstone course series for the Sustainable Societies track in the Campuswide Honors Program in collaboration with UCI faculty Drs. Julie Schoenung (Engineering), Steven Davis (Physical Sciences), and Ajay Garde (Social Ecology).
2017-2018	Climate Change and Disaster Management (PH172)	Received \$110,000 in ILTI funding to develop a new online course. I was the PI on the project. My Co-I's, Nancy Suski (LLNL) and Steven Parish (UCSD), and I developed the curriculum for this course.
2015	Public Health Practicum Abroad (PH197)	Developed original course syllabus, created discussion questions and assignments for students fulfilling the service learning requirement of PH195W while in Bali, Indonesia.
2014	Public Health and Wellness (PH150)	Developed original course syllabus, edited textbook for course, created lecture material and assignments, integrated guest speaker into curriculum.

#### Updated courses for the Program in Public Health

2017	Environmental Policy and Global Sustainability (PH241)	Substantially updated course syllabus, created all new assignments, reviewed and selected all new readings.
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2016	Environmental Quality and Health (PH60)	Developed online version of the course, updated syllabus, edited textbook for the course, created video lectures, discussions prompts, and assignments, developed content for interactive online lessons.
2015	Public Health Honors Seminar and Thesis I, II, and III (PH H192A, B, C)	Updated course assignments and expectations to align series with other honors programs on campus, worked with curriculum committee to increase units for H192B and H192C courses, created lecture materials, integrated guest speakers into curriculum.
2015	Public Health Practicum (PH195W)	Updated curriculum and assignments, created lecture materials on Public Health careers and graduate school options, created culminating experience portfolio assignment, created revision guide assignment, streamlined assignment review and grading processes, created and facilitated new practicum abroad experience for students involved with UCDC, UCEAP, and other study abroad programs, integrated guest speakers into the curriculum.
2014	Health and Global Environmental Change (PH173)	Reviewed and selected new textbook for course, created lecture materials and assignments.
2014	Environmental Quality and Health (PH60)	Reviewed and selected new textbook for course, created lecture materials and assignments, integrated guest speaker into the curriculum.
2013	Case Studies in Public Health Practice (PH2)	Proposed adoption of new textbook for course, reviewed and selected chapters for inclusion in co-edited textbook for course, created lecture slides to share with other faculty teaching course.

#### Publications (\* indicates undergraduate student collaborator)

##### Peer-reviewed Papers

**Runnerstrom, M. G.**, Denaro, K., & Sato, B. (2023). Bolstering the public health workforce: Recruitment and retention of public health majors. *Pedagogy in Health Promotion*. <https://doi.org/10.1177/2373379923115316> [M16]

- \*Golding, M., **Runnerstrom, M. G.**, & Grant Ludwig, L. (2022). Negative roommate relationships and the health and wellbeing of undergraduate college students. *Journal of Public Health Student Capstones*, 1(1), 20-26. <https://www.jphsc.org/index.php/JPHSC/onlinefirst/view/35> [M15]
- Neubauer, L. C., Merzel, C., Weist, E. M., Corvin, J. A., Forsman, A., Fraser, J., Henderson, H. L., Hinyard, L. J., Opacich, K. J., & **Runnerstrom, M. G.** (2022). Realizing promising educational practices in academic public health: A model for the scholarship of teaching and learning. *Frontiers in Public Health*, 9. <https://doi.org/10.3389/fpubh.2021.750682> [M14]
- \*Sandhu, R., **Runnerstrom, M. G.**, & Ro, A. (2021). Youth, family and society: Examining the dynamics of e-cigarette use in Latino college students. *Journal of American College Health* <https://dx.doi.org/10.1080/07448481.2021.1942887> [M13]
- DeVille, N. V., \*De Leon, M. R., & **Runnerstrom, M. G.** (2021). A pilot program to address first-generation and low-income (FGLI) student needs. *Journal on Excellence in College Teaching*, 32(2), 23-52. [M12]
- \*Briet, E., & **Runnerstrom, M. G.** (2019). Analyzing the impacts of required internships on college student mental health. *College Student Journal*, 53(4), 474-478. [M11]
- Runnerstrom, M. G.**, & \*Koralek, T. (2018). Measures of success: Exploring student approaches to learning public health. *Pedagogy in Health Promotion*, (4)4, 283-293. doi:10.1177/2373379917746189 [M10]
- \*Altaher, Y., & **Runnerstrom, M. G.** (2018). Psychological restoration practices among college students. *Journal of College Student Development*, (59)2, 227-232. doi:10.1353/csd.2018.0019 [M9]
- Koenig, K. L., Schultz, C. H., **Runnerstrom, M. G.**, Ogunseit, O. A. (2017). Public health and disasters: An emerging translational and implementation science, not “Lessons Learned.” *Disaster Medicine and Public Health Preparedness*, 1-2. doi:10.1017/dmp.2017.11 [M8]
- Allgood, J. M., Jimah, T., McClaskey, C. M., La Guardia, M. J., Hammell, S. C., Zeineddine, M. M., \*Tang, I. W., **Runnerstrom, M. G.**, Ogunseit, O. A. (2017). Potential human exposure to halogenated flame-retardants in elevated surface dust and floor dust in an academic environment. *Environmental Research*, 153, 55-62. doi:10.1016/j.envres.2016.11.010 [M7]
- Runnerstrom, M. G.** (2016). From individual to global well-being: Designing an undergraduate public health and wellness course. In *Well-being 2016: Co-creating pathways to well-being*. Paper presented at Well-Being 2016: The Third International Conference Exploring the Multi-Dimensions of Well-Being, Birmingham, England (159-161). Birmingham: Birmingham City University. ISBN:978-1-904839-87-3 [M6]
- \*Koralek T., **Runnerstrom M. G.** , Brown B. J., Uchegbu C., & Basta T. B. (2016, Aug 25). Lessons from Ebola: Sources of outbreak information and the associated impact on UC Irvine and Ohio University college students. *PLOS Currents Outbreaks*. doi:10.1371/currents.outbreaks.f1f5c05c37a5ff8954f38646cfff6a2 [M5]

- \*Koralek, T. M., Brown, B. J., & **Runnerstrom, M. G.** (2015). Assessing the level of knowledge, attitudes, and beliefs about Ebola among college students. *American Journal of Infection Control* 43(10), 1143-1145. doi:10.1016/j.ajic.2015.06.012 [M4]
- Stokols, D., Misra, S., **Runnerstrom, M. G.**, & Hipp, J. A. (2009). Psychology in an age of ecological crisis: From personal angst to collective action. *American Psychologist*, 64(3), 181-193. doi:10.1037/a0014717 [M3]
- Grant, L.B., Donnellan, A., McLoed, D., Pierce, M., Fox, G. C., Chen, A. Y., **Gould (Runnerstrom), M. M.**, Sung, S., & Rundle, P. (2005). A web services-based universal approach to heterogeneous fault databases. *Computing in Science and Engineering*, 7, 51-57. doi:10.1109/MCSE.2005.63 [M2]
- Grant, L. B., & **Gould (Runnerstrom), M. M.** (2004). Assimilation of paleoseismic data for earthquake simulation. *Pure and Applied Geophysics*, 161, 2295-2306. doi:10.1007/s00024-003-2564-8 [M1]

### Edited Textbooks

- Runnerstrom, M. G.** (Ed.). (2020). *Environmental quality and health* (2nd ed.). Burlington, MA: Jones & Bartlett Learning. [B3]
- Runnerstrom, M. G.** (Ed.). (2017). *Public health and wellness* (2nd ed.). Burlington, MA: Jones & Bartlett Learning. [B2]
- Bic, Z. & **Runnerstrom, M. G.** (Eds.). (2013). *Case studies in public health practice*. Burlington, MA: Jones & Bartlett Learning. [B1]

### Professional Presentations

- Washburn, K., \*Sandhu, R., & **Runnerstrom, M. G.** (2021). "I had a lot lined up": Impacts of COVID-19 driven campus closures on the psychosocial well-being of undergraduate students. American Public Health Association 2021 Annual Meeting and Expo, October 24-27, 2021, Denver, Colorado and Online (oral presentation) [A48]
- \*Sandhu, R., **Runnerstrom, M.**, & Ro, A. (2021). Youth, family and society: Examining the dynamics of e-cigarette use in Latino college students. American Public Health Association 2021 Annual Meeting and Expo, October 24-27, 2021, Denver, Colorado and Online (oral presentation) [A47]
- Gideonse, T., Goodman, S., Nolen, S., Padilla, M., & **Runnerstrom, M. G.** (2021). A COVID-19 chatline as a model for remote undergraduate practicum experiences: One year later. American Public Health Association 2021 Annual Meeting and Expo, October 24-27, 2021, Denver, Colorado and Online (oral presentation) [A46]
- Washburn, K., \*Sandhu, R. S., & **Runnerstrom, M. G.** (2021). COVID-19 emergency remote teaching: Undergraduate student learning, preparedness, and well-being. International Teaching and Learning Cooperative (ITLC) Lilly Online Conference, May 2021 (poster presentation) [A45]

- Warren, N., \*Punsalan, A. E., & **Runnerstrom, M. G.** (2021). Nature's role in health during the COVID-19 global pandemic. Environmental Design Research Association (EDRA 52), May 19-23, 2021, Detroit, MI. (oral presentation) **[A44]**
- Gideonse, T., Goodman, S., Nolen, S., & **Runnerstrom, M. G.** (2020). A COVID-19 chatline as a model for remote undergraduate practicum experiences. American Public Health Association 2020 Annual Meeting and Expo, October 24-28, 2020, Online (oral presentation) **[A43]**
- Goodman, S., Gideonse, T., Nolen, S., & **Runnerstrom, M. G.** (2020). Combatting misinformation during a pandemic using a COVID-19 student led chatline. American Public Health Association 2020 Annual Meeting and Expo, October 24-28, 2020, Online (recorded poster presentation) **[A42]**
- \*Pon, C., \*Tanghal, R., Benjamin, Y., & **Runnerstrom, M.** (2020). The influence of green space on cardiovascular health: A systematic review. American Public Health Association 2020 Annual Meeting and Expo, October 24-28, 2020, Online (recorded poster presentation) **[A41 - 2nd place Student Poster Award]**
- Drum, E., **Runnerstrom, M.**, Ryan, N., Li, J., Barboza, A. Z., Everhart, D., & Boden-Albala, B. (2020). Student knowledge and attitudes regarding coronavirus (COVID-19) at a large, diverse, public university in California: A cross-sectional survey. American Public Health Association 2020 Annual Meeting and Expo, October 24-28, 2020, San Francisco, California (oral presentation) **[A40]**
- Warren, N., \*Yoon, B., & **Runnerstrom, M. G.** (2020). *Active and Frequent Use of Campus Green Space By Students at the University of California, Irvine*. Environmental Design Research Association (EDRA 51), April 4-7, 2020, Tempe, Arizona. (poster presentation) **[A39]**
- Runnerstrom, M. G.**, & Warren, N. (2020). *Partnering with users: How students would modify campus outdoor spaces at the University of California, Irvine*. Environmental Design Research Association (EDRA 51), April 4-7, 2020, Tempe, Arizona. (oral presentation) **[A38]**
- Washburn, K., & **Runnerstrom, M. G.** (2020). Improving retention in the undergraduate public health majors: What we can learn from those who left. 2020 Undergraduate Public Health and Global Health Education Summit, co-sponsored by Association of Schools and Programs of Public Health and the Association of American Colleges and Universities, March 18, 2020, Arlington, Virginia (poster presentation - conference cancelled due to COVID-19) **[A37]**
- Runnerstrom, M. G.** (2020). Asking students to reflect: Using post-quiz feedback to support learning. Lilly Conference on Teaching for Active and Engaged Learning, February 27-February 29, 2020, San Diego, California (25-minute oral presentation) **[A36]**
- Everhart, D., Boden-Albala, B., Ogunseit, O., **Runnerstrom, M.** (2020). *Building a Master's in Public Health (MPH) program specifically for collegiate health promotion*. 2020 NASPA Strategies Conference, January 16-18, 2020, New Orleans, Louisiana (90-minute extended general session) **[A35]**

**Runnerstrom, M. G.**, (2019). *Effective strategies for integrating sustainability and climate change content into university courses across disciplines*. International Conference on Environmental Psychology 2019, September 4-6, 2019, Plymouth, England (poster presentation) **[A34]**

**Runnerstrom, M. G.**, & Warren, N. (2019). *A pilot study of campus green space use by students at the University of California, Irvine*. International Conference on Environmental Psychology 2019, September 4-6, 2019, Plymouth, England. (oral presentation) **[A33]**

Altaher, Y., Warren, N., **Runnerstrom, M. G.** (2019). *Using Clarifai to analyze natural elements in photographs of social environments on the University of California, Irvine campus*. Environmental Design Research Association (EDRA 50), May 22-26, 2019, Brooklyn, New York (poster presentation) **[A32]**

**Runnerstrom, M. G.**, Altaher, Y., Warren, N. (2019). *Artificial intelligence-based image analysis of natural elements present in social spaces on the University of California, Irvine campus*. Environmental Design Research Association (EDRA 50), May 22-26, 2019, Brooklyn, New York (oral presentation) **[A31]**

**Runnerstrom, M. G.**, Bic, Z., DiVincenzo, J. L. (2019). *Collaborating with an instructional designer on an online class: Two heads are better than one*. 2019 Undergraduate Public Health and Global Health Education Summit, co-sponsored by Association of Schools and Programs of Public Health and the Association of American Colleges and Universities, March 20, 2019, Arlington, Virginia (20-minute oral presentation) **[A30]**

**Runnerstrom, M. G.**, DeVille, N. V., \*De Leon, M. R., & Chairez, S. (2019). *Empowering first-generation and low-income students for academic and professional success*. Lilly Conference on Teaching for Active and Engaged Learning, February 28-March 2, 2019, Anaheim, California (20-minute oral presentation) **[A29]**

**Runnerstrom, M. G.**, Gideonse, T., & Ogunseitan, O. A. (2018). *Undergraduate practicum and culminating experience*. American Public Health Association (APHA) 2018 Annual Meeting, November 10-14, 2018, San Diego, California (8 minute invited oral presentation as part of the Council of Education for Public Health's (CEPH) technical assistance session on culminating experiences in the undergraduate curriculum). **[A28]**

\*Altaher, Y., \*Eng. B., Phan, A., \*Wittell, K. W., & **Runnerstrom, M. G.** (2018). *Assessing the naturalness of social spaces on the University of California, Irvine campus*. Environmental Design Research Association (EDRA 49), June 6-9, 2018, Oklahoma City, Oklahoma (poster presentation) **[A27]**

\*Altaher, Y., Estebo, A., & **Runnerstrom, M. G.** (2018). *Using Clarifai for image analysis of the naturalness of social environments on the University of California, Irvine campus*. Environmental Design Research Association (EDRA 49), June 6-9, 2018, Oklahoma City, Oklahoma (oral presentation) **[A26]**

- Runnerstrom, M. G.**, DeVille, N. V., \*De Leon, M. R., & \*Chairez, S. (2018). *Empowering Students for Success in Public Health: A program for first-generation and low-income students*. 2018 Undergraduate Public Health and Global Health Education Summit, co-sponsored by Association of Schools and Programs of Public Health and the Association of American Colleges and Universities, March 7, 2018, Arlington, Virginia (poster presentation) **[A25]**
- Runnerstrom, M. G.** (2018). *Strategies for effective student engagement in online courses*. Lilly Conference on Teaching for Active and Engaged Learning, February 22-25, 2018, Anaheim, California (50-minute oral presentation) **[A24]**
- Runnerstrom, M. G.**, & DiVincenzo, J. (2018). *Immersing online public health students through role plays, a case study, and group work*. Educause Learning Initiative (ELI) Annual Meeting, January 29-31, 2018, New Orleans, Louisiana (poster presentation) **[A23]**
- Hopfer, S., **Runnerstrom, M.**, Jia, J., \*Kim, T., & Li, C. (2017). *Twitter coverage of climate change and health before and after the 2016 US presidential election*. American Public Health Association (APHA) 2017 Annual Meeting and Expo, November 4-8, 2017, Atlanta, Georgia (poster presentation) **[A22]**
- \*Briet, E., & **Runnerstrom M.** (2017). *Analyzing public health student experiences with required internships*. American Public Health Association (APHA) 2017 Annual Meeting and Expo, November 4-8, 2017, Atlanta, Georgia (poster presentation) **[A21]**
- Runnerstrom, M.**, & Koralek, T. (2017). *Teaching approach and classmate chatter: Implications for student distraction*. American Public Health Association (APHA) 2017 Annual Meeting and Expo, November 4-8, 2017, Atlanta, Georgia (round-table presentation) **[A20]**
- Runnerstrom, M. G.**, DeVille, N. V., \*De Leon, M. (2017). *Empowering Students for Success in Public Health: A pilot program*. 2017 Transforming STEM Higher Education Conference, November 2-4, 2017, San Francisco, California (poster presentation) **[A19]**
- \*Altaher, Y., & **Runnerstrom, M. G.** (2017). *Restorative environments utilized among college students*. Environmental Design Research Association (EDRA 48), May 31-June 3, 2017, Madison, Wisconsin (poster presentation). **[A18]**
- \*Warren, N., & **Runnerstrom, M. G.** (2017). *Campus violence and aggression: A study at the University of California, Irvine*. 2017 Politicization of Safety Conference, April 6-7, 2017, Irvine, California (poster presentation) **[A17]**
- Runnerstrom, M. G.**, & DiVincenzo, J. (2017). *Immersing online students through role plays, a case study, and group work: Reconceptualizing an environmental quality and health course*. 2017 Undergraduate Public Health and Global Health Education Summit, co-sponsored by Association of Schools and Programs of Public Health and the Association of American Colleges and Universities, March 15, 2017, Arlington, Virginia (presentation delivered via webinar on May 19, 2017, conference cancelled due to Winter Storm Stella) **[A16]**

- Runnerstrom, M. G.** (2017). *Strategies for integrating sustainability and climate change content across disciplines*. Lilly Conference, February 23-26, 2017, Anaheim, California (round table presentation) **[A15]**
- Runnerstrom, M. G.** (2016). *From individual to global well-being: Designing an undergraduate public health and wellness course*. Well-being 2016: The Third International Conference Exploring the Multi-Dimensions of Well-Being, September 5-6, 2016, Birmingham, England (oral presentation) **[A14]**
- \*Kocharayan, E., Brown, B., Bic, Z., Galassetti, P., & **Runnerstrom, M.** (2014). *Effects of maternal autoimmunity on autism severity*. American Public Health Association 142nd Annual Meeting and Expo, November 15-19, 2014, New Orleans, Louisiana. **[A13]**
- Grant Ludwig, L., & **Runnerstrom, M. G.** (2010). *A first attempt to constrain reliability and measurement error associated with expert opinion and judgment in interpreting paleoseismic data*. Seismological Society of America Annual Meeting, April 21-23, 2010, Portland, Oregon. **[A12]**
- Gould (Runnerstrom), M. M.** (2006). *Psychological restoration through self-actualization processes in urban environments*. 26th International Congress of Applied Psychology, July 16-21, 2006, Athens, Greece. **[A11]**
- Grant, L. B., Donnellan, A., McLeod, D., Pierce, M., Chen, A. Y., **Gould (Runnerstrom), M. M.**, Noriega-Carlos, G., Rundle, P., Sung, S., & \*Ta, M. V. (2004). *QuakeTables: The fault database for QuakeSim*. Eos Transactions American Geophysical Union, 85(47), SF41A-0750. **[A10]**
- Grant, L. B., Noriega-Carlos, G., **Gould (Runnerstrom), M. M.**, \*Ta, M., Donnellan, A., McLeod, D., Chen, A. Y., Sung, S., Pierce, M. (2004). *QuakeTables: The QuakeSim fault database for California*. 2004 Southern California Earthquake Center (SCEC) Annual Meeting Proceeding and Abstracts, September 19-22, 2004, Palm Springs, CA. **[A9]**
- Gould (Runnerstrom), M. M.**, Grant, L. B., Donnellan, A., McLeod, D., & Chen, A. Y. (2003). *The QuakeSim fault database for California*. Geological Society of America Annual Meeting Abstracts with Programs, 35(6). **[A8]**
- Chen, A. Y., Chung, S., Gao, S., McLeod, D., Donnellan, A., Parker, J., Fox, G., Pierce, M., **Gould (Runnerstrom), M. M.**, Grant, L., & Rundle, J. (2003). *Interoperability and semantics for heterogeneous earthquake science data*. 2003 Semantic Web Technologies for Searching and Retrieving Scientific Data Conference, October 20, 2003, Sanibel Island, Florida. **[A7]**
- Gould (Runnerstrom), M. M.**, Grant, L. B., Donnellan, A., McLeod, D., & Chen, A. Y. (2003). *The QuakeSim fault database for California*. 2003 Southern California Earthquake Center (SCEC) Annual Meeting Proceeding and Abstracts, 90. **[A6]**
- Gould (Runnerstrom), M. M.**, Grant, L. B., Donnellan, A., & McLeod, D. (2003). *The GEM fault database: An update on design and approach*. 2003 European Geophysical Society-American Geophysical Union-European Union of Geosciences Joint Assembly Meeting Geophysical Research Abstracts, 5, EAE03-A-00994. **[A5]**

- Gould (Runnerstrom), M. M.** (2003). *Content analysis of historic newspaper reports: A link between seismic risk communication and social representations*. 12th Annual Greening Conference, January 25, 2003, Santa Barbara, CA. [A4]
- Gould (Runnerstrom), M. M.**, Grant, L. B., Donnellan, A., & McLeod, D. (2002). *The GEM fault database: A preliminary report on design and approach*. 2002 Southern California Earthquake Center (SCEC) Annual Meeting Proceedings and Abstracts, 75-76. [A3]
- Grant, L. B., & **Gould (Runnerstrom), M. M.** (2002). *Paleoseismic and geologic data for earthquake simulation*. 3rd APEC Cooperation for Earthquake Simulation (ACES) International Workshop Proceedings, 30. [A2]
- Gould (Runnerstrom), M. M.**, Weberling, K., Weldon, R., II, Miller, M. M., Abdrakhmatov, K., & August, M. S. (2000). *Neogene magnetostratigraphy in the At Bashi basin: Constraints on late Cenozoic deformation in the central Tien Shan, Kyrgyzstan*. Geological Society of America Annual Meeting Abstracts with Programs, A-441. [A1]

## Grants and Fellowships

2018 to      University of California Innovative Learning Technology Initiative (ILTI) for the  
2022      development of PH173 - Health and Global Environmental Change

Description: Grant is supporting the development of a fully online version of PH173 - Health and Global Environmental Change that will be housed in the Program of Public Health at UC Irvine. Funds will be used to support the investigator, as well expert guest speakers, student fellows, and instructional design resources.

Role: Principal Investigator

Source: University of California, Innovative Learning and Technology Initiative

Amount: \$78,000

Status: In progress



## Grants and Fellowships

2020	<p>University of California, Irvine Council of Research, Computing, and Libraries (CORCL) Faculty Grant</p> <p>Description: Grant supported my participation and presentation at the 2020 Environmental Design Research Association's 51st Annual Conference, which was held virtually via Zoom.</p> <p>Role: Grantee</p> <p>Source: Program in Public Health CORCL funding</p> <p>Amount: \$1,000</p> <p>Status: Completed</p>
2019	<p>University of California, Irvine Council of Research, Computing, and Libraries (CORCL) Faculty Grant</p> <p>Description: Grant supported my travel to present at the 2019 Association of Schools and Programs of Public Health (ASPPH) Undergraduate Public Health and Global Health Summit that is part of the 2019 ASPPH Annual Meeting in Arlington, VA.</p> <p>Role: Grantee</p> <p>Source: Program in Public Health CORCL funding</p> <p>Amount: \$1,000</p> <p>Status: Completed</p>
2018	<p>University of California, Irvine Provost's Teaching Fellowship</p> <p>Description: This fellowship supported a program evaluation of the undergraduate majors in the Program in Public Health with an emphasis on lower-division coursework. Analysis of the data is ongoing and a manuscript is in preparation.</p> <p>Role: Fellow</p> <p>Source: UC Irvine Office of the Provost</p> <p>Amount: \$15,000</p> <p>Status: Completed</p>

## Grants and Fellowships

- |      |  |
|------|--|
| 2018 | <p>University of California, Irvine Council of Research, Computing, and Libraries (CORCL) Faculty Grant</p> <p>Description: Grant supported my travel to present at the 2018 EDUCAUSE Learning Initiative (ELI) in New Orleans, LA.</p> <p>Role: Grantee</p> <p>Source: Program in Public Health CORCL funding</p> <p>Amount: \$1,000</p> <p>Status: Completed</p>   |
| 2017 | <p>University of California, Irvine Educational Technology Mini Grant for the purchase of PollEverywhere for PH150 - Public Health and Wellness</p> <p>Description: Grant supported the purchase of PollEverywhere, an online polling platform similar to iClickers, for use in my PH150 course during Fall 2017. In return, I provided feedback to the UCI Educational Technology Initiative staff about how this platform worked in my course.</p> <p>Role: Grantee</p> <p>Source: Office of Information Technology and Office of the Vice Provost for Teaching and Learning</p> <p>Amount: \$349</p> <p>Status: Completed</p> |
| 2017 | <p>University of California, Irvine Council of Research, Computing, and Libraries (CORCL) Faculty Grant</p> <p>Description: Grant is to support my travel to present at the 2017 Association of Schools and Programs of Public Health (ASPPH) Undergraduate Public Health and Global Health Summit that is part of the 2017 ASPPH Annual Meeting in Arlington, VA.</p> <p>Role: Grantee</p> <p>Source: Program in Public Health CORCL funding</p> <p>Amount: \$1,000</p> <p>Status: Completed</p>  |

## Grants and Fellowships

- 2017 University of California Innovative Learning Technology Initiative (ILTI) for the development of PH172 - Climate Change and Disaster Management
- Description: Grant supported the development of a new fully online course on Climate Change and Disaster Management that will be housed in the Program of Public Health at UC Irvine. This course was developed in collaboration with Co-Investigators Dr. Steven Parish from UC San Diego and Nancy Suski from Lawrence Livermore National Laboratory. Funds were used to support the investigators, as well as a series of expert guest speakers, student fellows, and instructional design resources.
- Role: Principal Investigator
- Source: University of California, Innovative Learning and Technology Initiative
- Amount: \$110,000
- Status: Completed
- 
- 2014-2015 University of California Departmental Grant for Academic Integration of Study Abroad with Public Health Practicum
- Description: Grant supported travel to Botswana for a staff member/Ph.D. candidate and myself to evaluate the suitability of coursework offered at the University of Botswana, as well as various healthcare Practicum sites. This funding allowed the expansion of the Program in Public Health's international undergraduate and graduate Practicum internship opportunities to include Botswana.
- Role: Principal Investigator
- Source: University of California Education Abroad Program
- Amount: \$5,000
- Status: Completed

## Honors and Awards

- 2021 Chancellor's Award for Excellence in Undergraduate Research, University of California, Irvine
- 2021 Dynamic Womxn of UCI, Tamara Austin Legacy Award Nomination, University of California, Irvine
- 2020 Elected Faculty Member, Delta Rho Chapter of the Delta Omega Honorary Society in Public Health, University of California, Irvine

- 2018-2020 Provost's Teaching Fellowship, University of California, Irvine
- 2018 Instructional Technology Innovation Award, Division of Teaching Excellence and Innovation, University of California, Irvine
- 2016 UROP Faculty Mentor of the Month, December 2016  
Undergraduate Research Opportunities Program (UROP), University of California, Irvine
- 2015 Excellence in Service to Students Award  
National Society of Leadership and Success, University of California, Irvine
- 2015 Upper-Division Writing Award for Excellent Academic Writing in Science and Technology sponsored by the UCI Campus Writing Coordinator (both the instructor and the student were evaluated and awarded).  
-Winner (with undergraduate Nandini Kannan) for NIH grant application written for Public Health Practicum during Winter 2015. Topic: Understanding the implications of the prevalence of mental health disorders and mental health services use among Mexican Americans.
- 2014 Upper-Division Writing Award for Excellent Academic Writing in Science and Technology sponsored by the UCI Campus Writing Coordinator (both the instructor and the student were evaluated and awarded).  
-Winner (with undergraduate Dianna Nguyen) for NIH grant application written for Public Health Practicum during Winter 2014. Topic: Impact of a worksite wellness program on health status and healthcare spending.
- 2006-08, 2004 Social Ecology Excellence in Undergraduate Mentorship Award  
University of California, Irvine
- 2007 Social Ecology Dean's Dissertation Writing Fellowship  
University of California, Irvine
- 2007 Entiat High School Honor for Professional Success Since Attending High School  
Entiat, WA
- 2006 Social Ecology Dean's Dissertation Data Collection Fellowship  
University of California, Irvine
- 2006 Planning, Policy and Design Outstanding Early Dissertation Award  
University of California, Irvine
- 2005-07 Planning, Policy and Design Departmental Summer Research Grant  
University of California, Irvine
- 2002-04 Environmental Health, Science, and Policy Departmental Summer Research Grant  
University of California, Irvine
- 2001 Geological Sciences Departmental Field Methods Scholarship  
Central Washington University
- 2001 L. Don Ringe Outstanding Senior Award, Department of Geological Sciences  
Central Washington University

- 2001      Symposium on Undergraduate Research and Creative Expression (SOURCE),  
Best Poster - Science and Environment  
Central Washington University
- 2001      Sigma Gamma Epsilon, Eta Zeta Chapter Secretary and Charter Member  
Central Washington University
- 2000      Phi Kappa Phi Honor Society
- 2000      Geological Sciences Departmental Scholarship  
Central Washington University
- 2000      Silver Cortège Member at Commencement Exercises (awarded for high  
academic achievement)  
Central Washington University
- 2000      College of the Sciences Representative for the University Presidential  
Inauguration  
Central Washington University

#### **Service at University of Washington Bothell**

##### **School of Nursing and Health Science Service**

Member, Master of Science in Community Health and Social Justice Work Group (September 2022 to present)

SNHS faculty panelist, Admitted Student Day (April 2023)

#### **Service at University of California, Irvine**

##### **Department of Health, Society, and Behavior Service**

Chair and Member, Search Committee for Assistant/Associate Professor, Black Thriving Initiative Environmental Health Cluster Hire, Department of Health, Society, and Behavior (July 2021-June 2022)

Member, Health, Society, and Behavior Health Equity & Black Thriving Committee (January 2021 to June 2022)

Member, Health, Society, and Behavior Curriculum Committee (January 2021 to June 2022)

Member, Faculty Search Committee for Health Policy Faculty Member, Department of Health, Society, and Behavior (January 2021 to June 2021)

Seminar Series Coordinator for the Department of Planning, Policy and Design (September 2008 to June 2009)

##### **Program in Public Health Service**

Director, Undergraduate Public Health Honors Research Program (July 2014 to June 2021)

Faculty Presenter, Public Health Undergraduate Honors and Awards Ceremony (June 2015, June 2016, June 2017, June 2018, June 2019, June 2020, June 2021)

Member, Program in Public Health Curriculum Committee (July 2014 to December 2020)

Faculty Representative and Speaker, Dean's Welcome and Orientation, Program in Public Health (September 2019, September 2020)

Faculty Panel Member, Honors Experience Day, Program in Public Health (April 2014, April 2015, March 2016, April 2017, March 2019, March 2020)

Member, Program in Public Health Space and Infrastructure Committee (May 2018 to June 2019)

Member, Graduate Admissions Committee, Program in Public Health (December 2015 - March 2016; December 2016 - March 2017; December 2017-March 2018; December 2018-March 2019)

Faculty Presenter, Anteater Family Weekend, Program in Public Health (February 2019)

Faculty Representative and Speaker, Chair's Welcome and Orientation, Program in Public Health (September 2015, September 2016, September 2017, September 2018)

Director, Undergraduate Practicum Program, Program in Public Health (July 2014 to June 2018)

Chair, Search Committee for Assistant Professor of Teaching, Program in Public Health (December 2017-June 2018)

Faculty Contributor and Co-Author, Program in Public Health Self-Study for Council on Education for Public Health (CEPH) Re-Accreditation (2016 - 2017 academic year)

Faculty Representative and Speaker, Celebrate UCI, Program in Public Health (April 2017)

Faculty Panelist, Global Health Research, Education and Translation (GHREAT) Faculty Research Symposium (April 2016, April 2017)

Faculty Representative and Speaker, Open House for Prospective Ph.D. Students (March 2016, March 2017)

Exam Grader, Program in Public Health case study portion of MPH comprehensive exam - 3 students (November 2016)

Faculty Panelist, Public Health Association Coffee Hour (October 2016)

Faculty Representative and Speaker, MPH and Ph.D. Orientation, Program in Public Health (September 2015)

Faculty Representative, Student Parent Orientation Program (SPOP), Program in Public Health (July 2015)

Faculty Representative, Open House for Prospective MPH Students (April 2015)

Baccalaureate Marshall and Shaker, Public Health, Pharmaceutical Sciences, and Nursing Sciences Commencement Ceremony (June 2018, June 2019)

Co-leader of Health Science Faculty Curriculum Workshop and Networking Event that supports the UC Carbon Neutrality Initiative (May 2018 to May 2019)

Master's Marshall and Shaker, Public Health, Pharmaceutical Sciences, and Nursing Sciences Commencement Ceremony (June 2015, June 2016, June 2017)

### **University Service**

Member, Sustainability Resource Center Advisory Group (April 2020 to June 2021)

Faculty Advisor at large, UCI Nature Advisory Committee (September 2019 to June 2021)

Member, Search Committee for Associate Dean of Campuswide Honors Collegium (January 2021 to March 2021)

UROP Faculty Advisory Board (October 2019 to December 2020)

Organized and led Public Health Undergraduate Honors Research Symposium, May 2020

Member, Search Committee for Chief Wellness Officer (December 2019 to May 2020)

Member, Academic Integrity Review Board (September 2019 to December 2019)

Chair, Campuswide Honors Program Board (September 2017 to August 2019); Committee Member, Campuswide Honors Program Board (September 2016 to August 2017)

Member, Campuswide Honors Program Track Planning Committee for *Cities* courses (June 2016 to June 2019)

Faculty Moderator for Presentation Session during the Undergraduate Research Opportunities Program (UROP) Symposium (May 2014, May 2015, May 2016, May 2017, May 2018, May 2019, May 2021)

Member, Search Committee for Vice Chancellor for Health Affairs (June 2018 - November 2018)

Committee Member, Council on Undergraduate Admissions and Relations with Schools (September 2015 to August 2018)

Member, Task Force on Sustainability Education (October 2015 to December 2016)

Panelist for three EEE Canvas Pilot Information Sessions and member of EEE Canvas Pilot Program (April 2015 to March 2016)

Workshop leader for Mesa Court Residence Hall Faculty Program on recycling t-shirts to make reusable shopping bags (May 2012)

### **Systemwide Service**

Member, UC Global Health Institute Planetary Health Steering Committee (October 2020 to June 2022)

Proposal reviewer, Innovative Learning Technology Initiative, UC Office of the President (December 2018 to February 2019)

Member, UC Irvine Healthy Campus Initiative Mental Health working group, which supported President Napolitano's UCOP Healthy Campus Network Initiative (May 2017 to December 2018)

Co-leader, Faculty Curriculum Workshop and Networking Event that supported the UC Carbon Neutrality Initiative (October 2015 through December 2016)

### **Professional Service**

Reviewer, Cogent Education (January 2023, April 2023)

Co-Chair, Conceptual Framing Work Group of the Association of Schools and Programs of Public Health's (ASPPH) Scholarship of Teaching and Learning Task Force (December 2018 to June 2022)

Member, Scholarship of Teaching and Learning Task Force of the Association of Schools and Programs of Public Health's (ASPPH) Academy of Teaching and Learning (August 2018 to June 2022)

Member, International Conference on Environmental Psychology 2019 Poster Committee (September 2019)

Moderator, Environmental Design Research Association (EDRA50) Oral Presentation Session on Place Making (May 2019)

Keynote Panelist and Breakout Session Leader, Town Hall Meeting on Environment, Public Health, and Homelessness at California State University, Fullerton (May 2019)

Moderator, Environmental Design Research Association (EDRA49) Oral Presentation Session on Healthcare (June 2018)

Reviewer, Health Education Journal (December 2016)

Invited Panelist, Central Washington University Department of Geological Sciences Career Development Day, panels on *Navigating Graduate School* and *Teaching Geoscience* (May 2016)

Reviewer, Jones and Bartlett Learning, review of *An Introduction to Community and Public Health (8th Ed.)* by McKenzie and Pinger (June 2015)

Reviewer, Global Forum on Research and Innovation for Health 2015, Manila, Philippines (May 2015)

Reviewer, American Journal of Preventative Medicine (October 2008)



## Community Engagement and Service

Escort and Waiting Area Volunteer for Vision Clinic, Seattle/King County Clinic (April 2023)

Assessment and Evaluation Lead, Program in Public Health, Health Equity Contact Tracing Workshop for the Orange County Community (May 2020-June 2022)

Exam coordinator and editor, Disease Detectives Exam, Science Olympiad for middle and high school students. In this role, I mentored four or five undergraduate public health students each year through the exam-writing process. (November 2015 - March 2016, November 2016 - February 2017, November 2017 - February 2018)

## Media Coverage

COVID-19 chatline provides fact-based guidance - <https://news.uci.edu/2020/06/08/covid-19-chatline-provides-fact-based-guidance/>

Natural Hazards Center - <https://hazards.colorado.edu/workshop/2019/abstract/research-highlight#a-new-paradigm-for-higher-education-in-a-rapidly-changing-global-environment>

Office of the Vice Provost for Teaching and Learning Monthly Newsletter - <http://ovptl.uci.edu/2018/03/07/gamified-uci-online-public-health-course-goes-to-new-orleans/> [A23]

Association of Schools and Programs of Public Health (ASPPH) Friday Letter - <http://www.aspph.org/aspph-presents-webinar-innovative-approaches-to-applied-and-experiential-learning-for-undergraduates/> [A16]

Medscape - <http://www.medscape.com/medline/abstract/28330523> [M8]

Association of Schools and Programs of Public Health (ASPPH) Friday Letter - <http://www.aspph.org/uc-irvine-the-location-of-accumulated-dust-influences-concentration-of-flame-retardant-chemicals-and-potential-for-human-exposure/> [M7]

Blog of Emilio Mordini, M.D. - <http://emiliomordiniblog.blogspot.com/2016/09/selective-gullibility.html> [M5]

Association of Schools and Programs of Public Health (ASPPH) Friday Letter - <http://www.aspph.org/uc-irvine-u-s-college-students-ebola-misinformation-reveals-a-need-for-innovative-risk-communication-strategies/> [M5]

PreventionWeb - <http://www.preventionweb.net/publications/view/50037> [M5]

Orange County Register - <http://www.ocregister.com/articles/climate-705789-workshop-change.html> [Press coverage about Climate Skill-sharing workshop]

Wall Street Journal - <http://on.wsj.com/1oAv9e0> [Press coverage about Climate Skill-sharing workshop]

Association of Schools and Programs of Public Health (ASPPH) Friday Letter - <http://www.aspph.org/uc-partnership-irvine-and-riverside-finds-college-students-knowledge-about-ebola-remains-deficient/> (August 2015) [M4]

Reuters Health - <http://www.reuters.com/article/2015/08/11/us-health-ebola-university-idUSKCN0QC1MG20150811> (August 2015) [M4]

## Professional Development and Certifications

UW Faculty Development Program (September 2022 to present)

Faculty Fellows Program, UW Center for Teaching and Learning (September 2022)

UCI Health Equity and Diversity Certificate Program (September 2021 to December 2021)

UCI Office of Inclusive Excellence Certificate Program (April 2020 to June 2020)

UCI Division of Teaching Excellence and Innovation Certificate for Engaged Instruction (January 2019 to May 2019)

UCI DREAM Center UndocuAlly Training Program (September 2018)

Faculty Reading Group, a yearlong reading and discussion group sponsored by the Division of Teaching Excellence and Innovation (2017 - 2018 academic year)

*"Small Teaching": Good for the Many*, a workshop sponsored by the First-Generation Faculty Initiative (October 2016)

*Using Digital Tools to Make Large Classes Feel Smaller*, a workshop sponsored by UCI Center for Engaged Instruction (October 2015)

*UCI Canvas Pilot Hands-On Workshop*, a workshop sponsored by EEE (February 2015)

## Professional Affiliations

American Public Health Association

Environmental Design Research Association

Washington State Public Health Association

## Other Experience

*Certified Viniyoga Wellness Instructor, 200-hr, American Viniyoga Institute*. Learned to teach general wellness yoga to a variety of individuals and groups of students, 2014

*Mac Genius, Lead Creative, Apple Inc.* Provided technical support and performed hardware and software repairs for Apple customers, supervised team of trainers and technicians, led team training on strategies for working with challenging people and situations, and taught individual and group lessons on Apple software and hardware products, 2009-2013

## Areas of Research Interest

Access to green space and health

Climate change and health

Public health pedagogy and the scholarship of teaching and learning