

**2026**

**PUBLIC HEALTH ADVISORY BOARD  
AT-LARGE RECRUITMENT**

**ENVIRONMENTAL HEALTH APPLICANTS**

- 1. Ms. Kristen Baird**
- 2. Dr. Brian Labus**



## PERSONAL INFORMATION FOR APPLICANTS TO THE SOUTHERN NEVADA DISTRICT PUBLIC HEALTH ADVISORY BOARD

The Southern Nevada Health District (Health District) requires this information of all persons who apply for appointment to the Southern Nevada District Board of Health. The personal information you provide will be protected as confidential and will be used by the Health District Board and staff only for official purposes, such as to communicate with prospective and appointed applicants and for demographics. It will not become part of any public document or be otherwise available to the general public.

INSTRUCTIONS: Please complete each item below.

Mr.  Ms.  Mrs.  Dr.

Kristen

Baird

FIRST NAME

MI

LAST NAME

RESIDENCE ADDRESS

CITY/STATE/ZIP

1350 E Flamingo Road Suite 3032 Las Vegas, NV 89119

MAILING ADDRESS (if different from above)

CITY/STATE/ZIP

908.358.9512

DAY PHONE NUMBER

EVENING PHONE NUMBER

CELLPHONE NUMBER

FACSIMILE NUMBER

kristen.baird.r@gmail.com

EMAIL

CDC Foundation

EMPLOYER

600 Peachtree St NE #1000

Atlanta, GA 30308

BUSINESS ADDRESS

CITY/STATE/ZIP

Public Health Practitioner

OCCUPATION



## APPLICATION FOR APPOINTMENT TO THE SOUTHERN NEVADA DISTRICT PUBLIC HEALTH ADVISORY BOARD

I am applying for the position of:

(Check ONE: if you wish to apply for more than one position, a separate application is required)

- Physician Representative
- Nurse Representative
- Environmental Health or Environmental Health Services Representative

*NOTE: Nevada law regards all documents considered at public meetings to be public documents. You should expect, therefore, that your application, including this form, will become a public document. (This does not apply to the personal information you provide on a separate form, which will not be made part of any official meeting agenda.) THIS APPLICATION IS SUBJECT TO PUBLIC DISCLOSURE*

**ALL APPLICANTS (Please print legibly or type)**

Mr.  Ms.  Mrs.  Dr.

Kristen

Baird

FIRST NAME

MI

LAST NAME

CDC Foundation

EMPLOYER

600 Peachtree St NE #1000

Atlanta, GA 30308

BUSINESS ADDRESS

CITY/STATE/ZIP

Project Officer

OCCUPATION

How long have you lived in Clark County:

5 years

Please tell us why you are interested in becoming a member of the Advisory Board.

I am interested in joining the Advisory Board to contribute my expertise in health security, environmental health, and emergency preparedness. As a Las Vegas-based public health practitioner, Mom, and current DrPH candidate at the Johns Hopkins Bloomberg School of Public Health specializing in Environmental Health and Health Security, I am committed to protecting our community's health and economic infrastructure while ensuring its long-term resilience. I am eager to apply my experience in policy synthesis and consensus building to support the board's vision, strengthen our region's health security, and address emerging environmental health and biological threats building a more resilient Southern Nevada.



Are you employed by any government entity that is a member of the Southern Nevada Health District? If so, please specify.

No, I am not employed by a government entity.

Please tell us about your education, training and experiences related to your profession and the position for which you are applying?

I am dedicated to protecting our communities and ensuring that public health initiatives, regulations, and services remain responsive to the unique needs of Clark County residents and visitors: Advanced Academic Training: As a DrPH candidate at the Johns Hopkins University, I translate evidence-based environmental health and security policies into actionable, practical guidance. Systems Leadership: Through the CDC Foundation, I direct multi-state workforce infrastructure programs encompassing food safety, aquatic health, and facility inspections. Training/Operational Field Experience: My years deployed on state and federal environmental health responses provide me with the keen insights needed to bridge field tactics and formulate actionable recommendations for the Board.

Please provide three references with knowledge of your abilities related to the position for which you are applying.

Name:

Nathan Weed, [REDACTED]

Name:

Dr. Lisa Koonin, [REDACTED]

Name:

Ashley Slight, [REDACTED]

Please tell us about any other experience you have that relates to the activities of the Health District. This could include, but is not limited to, the provision of public health services or working in any level of government or serving on any policy boards or public advisory committees.

My background directly aligns with the Health District's activities through:

Government & Tribal Service: Administered two HHS agreements with 35 counties and 29 tribes. Deployed to 23 disasters as a Tribal Liaison. Policy Boards: Managed the Regional Disaster Preparedness Organization, brokering consensus across six OR/ WA counties to increase local funding by 8%. Fiscal Stewardship: Direct a 30-member team at the CDC Foundation, overseeing state/federal workforce programs with audit-ready compliance. Community Leadership: Recognized 2025 Chamber of Commerce Leadership LV.



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**PHYSICIAN APPLICANTS ONLY**

Are you licensed to practice medicine in this State? If so, please document.

Do you have experience or demonstrated abilities in the provision of health care services to members of minority groups or other medically underserved populations? If so, please specify.

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**NURSE APPLICANTS ONLY**

Are you licensed to practice medicine in this State? If so, please document.

Do you have experience or demonstrated abilities in the provision of health care services to members of minority groups or other medically underserved populations? If so, please specify.



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## **ENVIRONMENTAL HEALTH OR ENVIRONMENTAL HEALTH SERVICES APPLICANTS ONLY**

Please tell us about your education, training, and experience related to environmental health or environmental health services.

My work and academic pursuits are directly tied to environmental health, health security, and infectious disease mitigation:

**Advanced Training in Environmental Health:** My doctoral studies at the Johns Hopkins Bloomberg School of Public Health focus on environmental health and health security. This training allows me to synthesize complex scientific data and translate evidence-based policies into clear, actionable guidance for diverse audiences.

**Infectious Disease and Risk Mitigation:** At Constant Associates, I led initiatives aimed at improving infection prevention and control. By aligning with standards such as CMS Appendix Z, our efforts successfully reduced audit findings for healthcare facilities by 15%.

**Cross-Jurisdictional Hazard Management:** During my time at the Washington State Department of Health, I administered HHS cooperative agreements across 35 counties and 29 federally recognized tribes. Serving on a Type III Incident Management Team, I deployed to 23 state/local disasters, ensuring culturally sensitive communication and coordination across jurisdictions during disease outbreaks, wildfires, floods, radiation, and chemical spill.

### **Education and Advanced Training**

**Doctor of Public Health (DrPH):** Johns Hopkins Bloomberg School of Public Health, specializing in health security and environmental health (Expected 2028).

**Master of Public Health (MPH):** Tulane University School of Public Health and Tropical Medicine (2010), giving me a strong foundation in population health and environmental systems management.

**Bachelor of Arts:** Flagler College (2005), with concentrations in Business Communication and Spanish.

### **Professional Experience**

**CDC Foundation (2022–Present):** I serve as a State-Funded Projects Program Officer, directing a 30-member remote team and overseeing workforce infrastructure programs across the Midwest and Southwest. This portfolio spans areas such as food safety, aquatic health, waste management, and facility inspections.

**Daybreak Preparedness Consulting (2023–Present):** As Founder and President, I specialize in healthcare infrastructure design and workforce training, helping to transform post-pandemic healthcare delivery to build more resilient communities.

I would be honored to bring this implementation-focused expertise to serve my community.



**ALL APPLICANTS**

Please provide any additional comments, if desired, in the space provided below. Resumes, curricula vitae or supporting documentation may be submitted with a completed application package.

**Qualifications Snapshot**

**Executive Leadership & Environmental Health:** Bringing over 15 years of experience in environmental health, health security, and public stewardship.

**Alignment Board Objectives:** I translate evidence-based science into actionable policy, providing strategic oversight for environmental health responses, including food safety and waste management.

**Professional Experience:** As a Program Officer for the CDC Foundation, I direct workforce infrastructure programs across the Midwest and Southwest.

**Advanced Education:** I combine a DrPH specialization in environmental health and health security at Johns Hopkins University with an MPH from Tulane University.

**Government & Hazard Management:** Having administered U.S. HHS funds across 35 counties and 29 tribes, I mobilize cross-jurisdictional responses to disease outbreaks, wildfires, and chemical incidents.

**Community Impact:** Recognized Chamber of Commerce 2025 Leadership Las Vegas.

*I certify that the information provided, and the responses given are correct and complete to the best of my knowledge and belief.*

Kristen Baird  4/30/26  
\_\_\_\_\_  
Print Name  Date

**For SNHD Use Only:**

Application Received By: \_\_\_\_\_ Date Received: \_\_\_\_\_

Candidate approved by the Nominating Committee. Date: \_\_\_\_\_

Candidate attended BOH meeting. Date: \_\_\_\_\_

**Board Action:**

- Approve
- Disapprove
- Other \_\_\_\_\_

Kristen Baird, DrPH(c), MPH

## **KRISTEN BAIRD, DrPH(c), MPH**

██████████ • kristen.baird.r@gmail.com • Las Vegas, Nevada

### **Strategic Public Health Executive | DrPH Candidate, Johns Hopkins University**

Implementation-focused leader with 15+ years of experience in health security and public stewardship. Expert in synthesizing the best available science into unified policy and transparent regional action. Proven track record directing 30-member remote teams and managing \$100M+ portfolios to deliver high-impact results for state, local, and tribal partners. Dedicated to fortifying Western regional capabilities by removing administrative barriers and delivering unified, science-based recommendations that uphold public health integrity and increase community trust across Southern Nevada.

### **STRATEGIC & OPERATIONAL LEADERSHIP EXPERIENCE**

#### **CDC Foundation • Atlanta, GA (Remote) • 2022 — Present**

##### **State-Funded Projects Program Officer**

Manages federally-funded public health workforce infrastructure programs in the United States with a focus on the Midwest and Southwest regions.

- ◆ Directs a 30-member remote team, architecting high-engagement SharePoint and Microsoft Teams environments utilizing a Project Management Office framework to streamline daily workforce operations and grant administration; successfully delivered 100% of FY26 contract deliverables for local, state, and tribal health departments.
- ◆ Oversees fiscal oversight and compliance monitoring for state portfolios ensuring alignment with Uniform Guidance (2 CFR 200) and maintaining audit-ready financial reporting for senior leadership and federal partners.
- ◆ Conducts comprehensive evaluations of programmatic impact using survey data and key informant interviews to enhance private donor contributions and secure new funding streams in alignment with CDC Foundation's development goals.

#### **Constant Associates • Los Angeles • 2019 — 2022**

##### **Senior Associate Health Security & Promotion**

Led \$106M portfolio of government and private-sector contracts to improve corporate readiness and enhance public health response. Such as:

- ◆ *Centers for Medicare & Medicaid (CMS)* - Directed initiative for the Centers for Medicare & Medicaid Services (CMS) to enhance Infection Prevention and Control and health security in alignment with CMS Appendix Z, achieving a 30% increase in healthcare training participation and a 15% reduction in audit findings for healthcare facilities.
- ◆ *Bay Area Urban Area Security Initiative* - Collaborated with the division of Vaccine Preventable Diseases to implement activities to increase public uptake for mass vaccinations, countering mis-

Kristen Baird, DrPH(c), MPH

and dis-information, and developing unified, multi-jurisdictional Immunization Recommendations and Position Statements.

- ◆ *State of Hawaii / Hawaii Emergency Management Agency* – Developed multiple after-action reports and improvement plans for the pandemic response from Feb 2020 – March 2022 engaging 25 state agencies/departments and 96 interviewees.

### **Washington State Department of Health • Olympia, WA • 2014 — 2019**

Community Preparedness & Recovery / Program Manager

Administered two U.S. Department of Health and Human Services (HHS) cooperative agreements to advance health security working collaboratively with 35 counties and the 29-federally recognized tribes in Washington State.

- ◆ Orchestrated the integration of innovative solutions with the Northwest Healthcare Response Network to fortify healthcare service continuity during disruptions, overseeing a \$10M WaTrac investment for enhanced patient tracking capabilities.
- ◆ Type III Incident Management Team (IMT) / Tribal Liaison. Deployed to 23 state/local disasters to enhance state-level government response in alignment with the Centennial Accord and coordinate tribal consultation with the 29-federally recognized tribes. Served as the primary point of contact between the IMT and impacted tribes communicating clear mission objectives using a culturally sensitive and inclusive framework.

### **Portland Bureau of Emergency Management • Portland, OR • 2012 — 2014**

Emergency Management (EM) Specialist/ Program Manager

Managed the Regional Disaster Preparedness Organization (RDPO) with representatives from a six-county partnership to increase opportunities for cross-jurisdictional collaboration and implementation of resilience projects.

- ◆ Mediated competing policy goals and divergent priorities across a six-county partnership to build a unified strategic vision to achieve public health and emergency management goals; successfully brokered a consensus that transitioned the group to a new sustainable contribution model, increasing local funding by 8%.
- ◆ Facilitated monthly stakeholder committee meetings, enhancing governance structures to effectively align with regional priorities and mitigate potential risks and grant compliance challenges.

### **Arizona State University, Southwest Interdisciplinary Research Center (SIRC) • Phoenix, AZ • 2010 — 2012, Research Coordinator II**

- ◆ Coordinated and provided research support for \$11.6M National Institutes of Health (NIH) grants for an interdisciplinary team of researchers to reduce health disparities.
- ◆ Organized and implemented an inclusive community-based participatory framework to engage partners and community members in research programs at Maricopa Integrated Health System (MIHC) Refugee Women's Health Clinic focused on Medicaid recipients for culturally and

Kristen Baird, DrPH(c), MPH

linguistically sensitive improvements in maternal and child health and chronic disease management.

## **REGIONAL HEALTHCARE STRATEGY & CROSS SECTOR RESILIENCE**

### **Daybreak Preparedness Consulting • Las Vegas, NV • 2023 - Present**

President/ Founder

Healthcare and resilience consulting firm specializing in infrastructure design and workforce training for Clinics, Federally Qualified Health Centers, and Rural Health Clinics to transform the post-pandemic healthcare delivery system.

- ◆ Engineered a centralized digital ecosystem for a member-based association of over 2,300 healthcare professionals, including a 40-hour training program and an online resource library platform designed to facilitate cross-regional collaboration and standardized best practices.

## **VOLUNTEERISM & COMMUNITY CONNECTION**

Volunteer • 2023 — Present

Obodo Collective, 501(c)3

- ◆ Promotes food sovereignty through educational opportunities, and donor support creating sustainable, healthy, and vibrant neighborhoods in Southern Nevada.

## **EDUCATION**

Doctor of Public Health, Johns Hopkins Bloomberg School of Public Health

- Baltimore, MD • Expected 2028

Master of Public Health, Tulane University School of Public Health and Tropical Medicine

- New Orleans, LA • 2010

Bachelor of Arts - Business Communication; Spanish

Flagler College • St. Augustine, FL • 2005

## **AWARD & CERTIFICATIONS**

- ◆ 2018 Washington State Governor's Service Recognition, Governor Jay Inslee
- ◆ 60 Distinguished Leaders 2025, Las Vegas Metro Chamber of Commerce

**SKILLS** -- Multi-state Collaborations, Public Stewardship, Tribal Sovereignty, Grant Management/ Administration, Consensus Building, Evidence-Based Policy Synthesis, Financial Operations, Legislative Advocacy, Public Stewardship, Public-Private Partnerships, FEMA Liaison Officer Task Book // **TOOLS** -- SharePoint, Microsoft Teams, Canva, ADP

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**INSTRUCTIONS:** Please complete each item below.

Mr.  Ms.  Mrs.  Dr.

Brian

J

Labus

FIRST NAME

MI

LAST NAME

RESIDENCE ADDRESS

CITY/STATE/ZIP

MAILING ADDRESS (if different from above)

CITY/STATE/ZIP

702-895-2649

DAY PHONE NUMBER

EVENING PHONE NUMBER

CELLPHONE NUMBER

FACSIMILE NUMBER

brian.labus@unlv.edu

EMAIL

UNLV School of Public Health

EMPLOYER

4700 S. Maryland Pkwy Box 3063 Las Vegas, NV 89119

BUSINESS ADDRESS

CITY/STATE/ZIP

Associate Professor, Epidemiology and Biostatistics

OCCUPATION



## APPLICATION FOR APPOINTMENT TO THE SOUTHERN NEVADA DISTRICT PUBLIC HEALTH ADVISORY BOARD

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**ALL APPLICANTS (Please print legibly or type)**

Mr.  Ms.  Mrs.  Dr.

Brian	J	Labus
FIRST NAME	MI	LAST NAME

UNLV School of Public Health	
EMPLOYER	

4700 S. Maryland Pkwy Box 3063	Las Vegas, NV 89119
BUSINESS ADDRESS	CITY/STATE/ZIP

Associate Professor, Epidemiology and Biostatistics
OCCUPATION

How long have you lived in Clark County:

25 Years

Please tell us why you are interested in becoming a member of the Advisory Board.

My first job in public was an an epidemiologist with SNHD from 2001-2015. This board position would allow me to give something back to the agency that made me the professional I am today. I left SNHD in 2015 to join the faculty at UNLV in order to teach the next generation of public health professionals in Southern Nevada and it is quite gratifying to see my former students playing such a vital role in the day-to-day workings of SNHD. I have been fortunate to serve on the advisory board for the past two years and welcome the opportunity to continue that service to SNHD, the Board of Health, and the residents of Southern Nevada.



Are you employed by any government entity that is a member of the Southern Nevada Health District? If so, please specify.

No

Please tell us about your education, training and experiences related to your profession and the position for which you are applying?

I am an infectious disease epidemiologist with 25 years experience working in public health, all of that time spent in Southern Nevada. I have a PhD in Public Health with a concentration in Environmental and Occupational Health, an MPH in Infectious Diseases, and a BS in Biology. I am also a registered with the National Environmental Health Association (NEHA) as a Registered Environmental Health Specialist (REHS). I worked at SNHD from 2001-2015 leading outbreak investigations and conducting surveillance activities and I joined the UNLV Public Health faculty in 2015. I am near the end of my first term as the Environmental Health representative on this board.

Please provide three references with knowledge of your abilities related to the position for which you are applying.

Name:

Shawn Gerstenberger, PhD, Dean, UNLV School of Public Health

Name:

Sheniz Moonie, PhD, Chair, UNLV Department of Epidemiology and Biostatistics

Name:

Francisco Sy, MD, PhD, Chair, Department of Environmental and Global Health

Please tell us about any other experience you have that relates to the activities of the Health District. This could include, but is not limited to, the provision of public health services or working in any level of government or serving on any policy boards or public advisory committees.

I was employed at SNHD from 2001 to 2015 as the senior epidemiologist. At UNLV, I placed numerous student interns at SNHD, I currently teach and mentor SNHD employees in the MPH and PHD programs, and have fellows placed at SNHD as part of Nevada's Applied Epidemiology Fellow program. During COVID, I worked extensively with SNHD, operating a team of over 200 student contact tracers to support SNHD investigative activities. I also served as a member of Governor Sisolak's COVID-19 Medical Advisory Team.



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**PHYSICIAN APPLICANTS ONLY**

Are you licensed to practice medicine in this State? If so, please document.

Do you have experience or demonstrated abilities in the provision of health care services to members of minority groups or other medically underserved populations? If so, please specify.

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**NURSE APPLICANTS ONLY**

Are you licensed to practice medicine in this State? If so, please document.

Do you have experience or demonstrated abilities in the provision of health care services to members of minority groups or other medically underserved populations? If so, please specify.



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## **ENVIRONMENTAL HEALTH OR ENVIRONMENTAL HEALTH SERVICES APPLICANTS ONLY**

Please tell us about your education, training, and experience related to environmental health or environmental health services.

I earned a PhD in Public Health with a concentration in Environmental and Occupational Health from UNLV in 2015. I earned an MPH in infectious diseases from UC Berkeley in 2000 and BS in biology from Purdue University in 1997.

I am a Registered Environmental Health Specialist with the National Environmental Health Association. I regularly present at Nevada Environmental Health Association / Nevada Food Safety Task Force annual convention, providing continuing education credits to the REHS staff of SNHD and other governmental agencies.

While I was employed as an epidemiologist with SNHD, I regularly worked with Environmental Health Specialists on the field investigations of numerous foodborne outbreaks in restaurants, legionellosis and norovirus outbreaks in Strip resorts, and on the largest outbreak of healthcare-associated hepatitis in US history. I teach numerous graduate courses at UNLV with a strong environmental health component, including outbreak investigation, disease surveillance, and infectious disease epidemiology. I was also extensively involved in the response to COVID throughout the state, advising the governor, UNLV leadership, and numerous governmental agencies and private businesses on cleaning and disinfection, surveillance, vaccination, and environmental prevention and control of disease.

I have served as a member of the SNHD Public Health Advisory Board as the Environmental Health or Environmental Health Services Representative since 2024.



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**ALL APPLICANTS**

Please provide any additional comments, if desired, in the space provided below. Resumes, curricula vitae or supporting documentation may be submitted with a completed application package.

I have attached my CV to this application

*I certify that the information provided, and the responses given are correct and complete to the best of my knowledge and belief.*

Brian Labus _____	 _____	7/13/2026 _____
Print Name	Signature	Date

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***For SNHD Use Only:***

Application Received By: \_\_\_\_\_ Date Received: \_\_\_\_\_

Candidate approved by the Nominating Committee. Date: \_\_\_\_\_

Candidate attended BOH meeting. Date: \_\_\_\_\_

**Board Action:**

- Approve
- Disapprove
- Other \_\_\_\_\_

# Brian J. Labus

PhD, MPH, REHS

## Work Address

School of Public Health  
University of Nevada Las Vegas  
4700 S. Maryland Parkway, Suite 335  
Las Vegas, NV 89119  
Phone: (702) 895-2649  
Email: brian.labus@unlv.edu

## Home Address

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

## Personal Profile

I am an infectious disease epidemiologist with 25 years of experience in field epidemiology, outbreak investigation, and public health informatics. From 2020 through 2023, I worked extensively on COVID-19 response activities, serving on Nevada Governor Sisolak's Medical Advisory Team, leading a team of over 200 student contact tracers, and participating in various aspects of the university's COVID response. I have made nearly 1,300 media appearances in local, national, and international print and video outlets, including the New York Times, Washington Post, CNN, Forbes, and National Public Radio on a variety of infectious disease topics, including COVID-19, Mpox, Flu, *Legionella* and *Naegleria*. Prior to joining the University of Nevada, Las Vegas, School of Public Health faculty in 2015, I conducted outbreak investigations, managed the communicable disease surveillance system, and developed public health informatics projects at the local health department in Las Vegas, NV for nearly fifteen years. Most significantly, I led a two-year investigation into the largest outbreak of healthcare-acquired hepatitis C in United States history when over 60,000 people were exposed to bloodborne pathogens because of unsafe injection practices at an endoscopy center.

## Education

- 2015      **Ph.D., Public Health, Concentration in Environmental and Occupational Health**  
University of Nevada, Las Vegas; Las Vegas, NV
- 2000      **M.P.H., Infectious Diseases**  
University of California; Berkeley, CA
- 1997      **B.S., Biology**  
Purdue University, West Lafayette, IN

## Professional certifications

- 2011-present **Registered Environmental Health Specialist**  
National Environmental Health Association  
License: 9008110, issued 6/1/2011

## Professional Experience

- 2025-present **Tenured Associate Professor**
- 2018-2025 **Assistant Professor**
- 2017-2018 **Visiting Assistant Professor**
- 2015-2017 **Visiting Research Assistant Professor**
- 2006-2015 **Adjunct Faculty**  
Department of Epidemiology and Biostatistics

School of Public Health, University of Nevada, Las Vegas

- Research interests: infectious disease epidemiology, outbreak investigation, disease surveillance and reporting, healthcare-associated infections, and vaccine-preventable diseases
- Teach graduate and undergraduate courses in general public health, general epidemiology, outbreak investigation, and infectious disease epidemiology
- Served as the MPH internship coordinator
- Mentor students and serve as chair and committee member for numerous MPH and PhD student thesis and dissertation committees
- Provided expert guidance to various government agencies and businesses throughout the COVID pandemic
- Led a COVID contact tracing team of 250 student investigators that was named the 2021 Nevada Public Health Association's Public Health Program of the Year
- Led UNLV on-campus COVID disease investigation and contact tracing efforts

2001-2015

**Senior Epidemiologist, Epidemiologist**

Office of Epidemiology

Southern Nevada Health District, Las Vegas, NV

- Led investigations of numerous outbreaks of foodborne disease, respiratory disease, vaccine preventable disease and healthcare-acquired disease in Las Vegas
- Led the investigation of the largest outbreak of healthcare-acquired hepatitis C in United States history, with 63,000 exposed patients. Conducted field investigation; developed, implemented and analyzed questionnaires; responded to media requests for information and interviews; testified to the state legislature and briefed Nevada's congressional delegation; assisted in the development of new statutes and regulations; testified in the criminal trial resulting in the conviction of the responsible physician for murder and several civil trials resulting in over \$1 billion in judgments against various defendants
- Created, implemented, maintained and evaluated disease surveillance systems, including the development of a novel patient complaint-based syndromic surveillance system for communicable diseases and a sentinel physician respiratory disease surveillance system
- Developed public health informatics projects including a foodborne illness complaint system, the health alert network system, systems for tracking information during outbreaks, and electronic laboratory report processing. Participated in requirements gathering, gap analysis, and the selection of an open-source disease surveillance system and the development of in-house electronic laboratory reporting processing, and served as the subject matter expert during implementation, ongoing maintenance and enhancement
- Wrote county disease reporting regulations and led the process of public hearings and approval by the local and state boards of health and participated in multiple revisions of state health regulations, including drafting language and testifying on behalf of the agency at state board of health meetings
- Represented the agency and the state in numerous national meetings and conferences, as part of various workgroups, and during public health functional exercises and tabletops
- Conducted specialized studies and evaluations of public health topics including influenza, childhood immunization, and trauma system utilization
- Provided oversight of lower-level staff and reviewed epidemiologic reports and projects
- Served as the office media spokesperson, giving over one thousand live and recorded interviews on various topics for print, television and radio for local, national and international media

- Interviewed people with communicable diseases, arranged prophylaxis and conducted work exclusions

## Consulting/Advising

2022	Nevada System of Higher Education COVID-19 Task Force
2021-2023	Las Vegas Aces, Women's National Basketball Association, Infectious Disease Consultant
2020-2023	UNLV Athletics Team Epidemiologist
2020-2022	Nevada Governor Sisolak's COVID-19 Medical Advisory Team
2020-2022	UNLV COVID-19 Incident Management Team
2020-2022	Nevada State College, COVID-19 Consultant
2020-2022	College of Southern Nevada, COVID-19 Consultant
2020-2021	Mountain West Conference, COVID-19 Testing and Contact Tracing Consultant
2020	US Federal Courts, Nevada, COVID-19 Consultant

## Publications: Peer-Reviewed Journal Articles

Pathina, N., **Labus, B.**, Arifuzzaman, S. (2025) Leveraging Social Network Analysis and Mobility Data for Modeling Epidemic Spread in Urban Tourist Destinations. *Social Network Analysis and Mining*. Accepted July 22, 2025.

Barber, C. A., Chien, L.-C., **Labus, B.**, Crank, K., Papp, K., Gerrity, D., Collins, C., Oh, E. C., Zhang, L., Mangla, A. T., Lockett, C., & Chen, L.-W. A. (2025). Application of joinpoint regression to SARS-CoV-2 wastewater-based epidemiology in Las Vegas, Nevada, USA. *Epidemiology and Infection*, 153, e68. <https://doi.org/10.1017/S0950268825100058>

Kleven, B. D. C., Chien, L.-C., Cross, C. L., **Labus, B.**, & Bernick, C. (2025). Traumatic Encephalopathy Syndrome: Head Impact Exposure and Blood Biomarkers in Professional Combat Athletes. *The Journal of Head Trauma Rehabilitation*. <https://doi.org/10.1097/HTR.0000000000001048>

Coughenour, C., Chien, L.-C., **Labus, B.**, Gakh, M., & Usufzy, P. (2024). Shifting employment and perceptions of household responsibilities during early stages of the COVID-19 pandemic in Nevada, USA. *PLoS One*, 19(11), e0309906. <https://doi.org/10.1371/journal.pone.0309906>

**Labus, B.**, Chien, L.-C., Conway Kleven, B. (2024). Public Compliance with Fabric Face Covering Recommendations, Nevada, 2020. *Nevada Journal of Public Health*, 2024, vol 21. P. 28-35. <https://npha.wildapricot.org/page-18121>.

Coughenour C., Chien, L.-C., Gakh, M., **Labus, B.**, McDonough, I., Grigsby, T., Usufzy, P. (2024) Food and Housing Insecurity in Nevada During the COVID-19 Pandemic. *Journal of community health*, 2024-04, Vol.49 (2), p.296-313. <https://doi.org/10.1007/s10900-023-01284-8>

Conway Kleven, B., Chien, L. C., Young, D. L., Cross, C. L., **Labus, B.**, & Bernick, C. (2024). Repetitive head impacts among professional fighters: a pilot study evaluating Traumatic Encephalopathy Syndrome and postural balance. *The Physician and Sportsmedicine*, 1–7. <https://doi.org/10.1080/00913847.2024.2325331>

Conway Kleven, B. D., Chien, L.-C., **Labus, B.**, Cross, C. L., Ritter, A., Randall, R., Montes, A., & Bernick, C. (2023). Longitudinal Changes in Regional Brain Volumes and Cognition of Professional

Fighters With Traumatic Encephalopathy Syndrome. *Neurology*, 101(11), e1118–e1126.  
<https://doi.org/10.1212/WNL.0000000000207594>

Nerida, T., Sharma, M., **Labus, B.**, Marquez, E., & Dai, C.-L. (2023). COVID-19 Vaccine Acceptance Behavior among Hispanics/Latinxs in Nevada: A Theory-Based Analysis. *Healthcare (Basel)*, 11(5), 688. <https://doi.org/10.3390/healthcare11050688>

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## Publications: Book Chapters

Kriseman J and **Labus B**. Local and regional public health informatics, chapter in *Public health informatics and information systems*, J.A. Magnuson, P.C. Fu, Jr. (eds.), Springer-Verlag London. 2014. Available at: [https://link.springer.com/chapter/10.1007/978-1-4471-4237-9\\_26](https://link.springer.com/chapter/10.1007/978-1-4471-4237-9_26)

## Publications: Government Reports

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**Labus B.,** Wheeler D. (2005). Unusual Incident Investigation: Hepatitis A Exposure at the Global Gaming Expo. November 2, 2005. Clark County Health District. Las Vegas, Nevada.

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## Presentations: Conference Presentations

Barber C., **Labus B.**, Gerrity D. Evaluating wastewater-based disease surveillance using CDC's Guidelines for Evaluating Public Health Surveillance Systems. American Public Health Association Annual Meeting and Expo. Washington DC. 2025.

**Labus, B.**, Harmon, N. H5N1 Bird Flu: Overview and Risks to Food Safety. 2024 Nevada Environmental Health Association & Nevada Food Safety Task Force Joint Educational Conference. Virtual. 2024.

**Labus, B.**, Barber, C. Everybody poops: the basics of wastewater surveillance and how it can provide an unbiased insight into infectious disease transmission in the community. 2023 Nevada Environmental Health Association & Nevada Food Safety Task Force Joint Educational Conference. Las Vegas, NV. 2023.

Bensken W., Lathrop S, Lichtenstein M, Hawkins M, Wong D, **CSTE Travel History Workgroup.** Standardized Travel History Data Collection Across Eight Notifiable Diseases: Results from a Multi-Jurisdictional Pilot. 2016 Council of State and Territorial Epidemiologists Annual Conference. Anchorage, AK. 2016.

Bensken, W., Lathrop S, Lichtenstein M, Hawkins M, Wong D, **CSTE Travel History Workgroup.** Disease Investigators' Attitudes and Practices Regarding Travel History. 2016 Council of State and Territorial Epidemiologists Annual Conference. Anchorage, AK. 2016.

Sadilek A, Kautz H, DiPrete L, **Labus B,** Portman E, Teitel J, Silenzio V. Deploying nEmesis: Preventing Foodborne Illness by Data Mining Social Media Twenty-Eighth Annual Conference on Innovative Applications of Artificial Intelligence. Phoenix, AZ. 2016.

**Labus B.** Social media as a tool for case and outbreak investigations. 2015 Council of State and Territorial Epidemiologists Annual Conference. Boston, MA. 2015.

Maglievaz R, **Labus B.** Stopping the outbreak! A sanitarian's guide to marathon, triathlon and endurance race events. 2014 National Environmental Health Association Annual Education Conference. 2014.

**Labus B.** Utilization of social media during a large outbreak of sapovirus-associated gastroenteritis for rapid case finding, specimen collection and investigation 2012 Council of State and Territorial Epidemiologists Annual Conference, Omaha, NE. 2012.

Kriseman J, **Labus B.** Critically assessing the NNDSS enterprise: local, state, and territorial stakeholder perspectives about current surveillance issues, practical solutions, and considerations for the future. 2012 Council of State and Territorial Epidemiologists Annual Conference. Omaha, NE. 2012.

**Labus B.** Development of open source disease surveillance software. 2011 Council of State and Territorial Epidemiologists Annual Conference. Pittsburgh, PA. 2011.

**Labus B.** Outbreak of hepatitis related to unsafe injection practices. 2010 Council of State and Territorial Epidemiologists Annual Conference. Portland, OR. 2010.

**Labus B.** Investigation of an outbreak of hepatitis C at an outpatient surgical center. 2008 Council of State and Territorial Epidemiologists Annual Conference. Denver, CO. 2008.

Zevallos JC, Sands L, **Labus B.** Symptoms for heart attack and stroke among females: Findings from a chief complaint database. 2006 CDC Annual Health Promotion Conference. Atlanta, GA.

**Labus B.** When bad things happen to good health departments: investigating an outbreak in your own facility. 2005 West Coast Epidemiologists' Meeting. Portland, OR. 2005.

**Labus B.** What happens in Vegas stays in Vegas? Risk communication during outbreak investigations. West Coast Epidemiologists' Meeting. Lake Tahoe, CA. 2004.

**Labus B.** Practical applications of syndromic surveillance: dual use strategies for emergency preparedness funding. 2004 American Public Health Association Annual Meeting. Washington, DC. 2004.

## Presentations: Invited Oral Presentations (Regional, National and International)

**Labus B.** The 2008 Hepatitis C Outbreak. Southern Nevada Health District Public Health Disaster Recovery Planning Seminar. Las Vegas, NV. 2023.

**Labus B.** Air Shows and Public Health in 2022: Assessment and Analysis. 2021 International Conference of Air Shows Annual Conference. Las Vegas, NV, 2021.

**Labus B.** COVID in Nevada. Gilead - 2021 Post-Vaccination COVID-19 Outlook for the United States MAAP (West). Virtual. 2021.

**Labus B.** Vaccines, Distancing, Testing: The New Normal of Safety. 2021 Event Trends Conference. Virtual. 2020.

**Labus B.** How Events Can Happen during the Pandemic. The Future of the Event Industry Conference. 2020

**Labus B.** Return to Sport. International Association of Lawyers Meeting. Virtual Panel, 2020.

**Labus B.** Foodborne outbreak investigation: a local perspective. 2019 Foodborne illness outbreak prevention and response conference. Las Vegas, NV, 2019.

**Labus B.** A large outbreak of hepatitis C at an outpatient surgical center. Ninth Annual Illinois Statewide Conference on Health-Care Associated Infections. Bloomington, IL. 2018.

**Labus B.** Inside the Deadly Las Vegas Hep C Outbreak. ORExcellence Conference. Las Vegas, NV. 2013.

**Labus B.** State and Local Informatics Perspective Panel Discussion. 2013 Council of State and Territorial Epidemiologists Annual Conference. Pasadena, CA. 2013.

**Labus B.** Case studies in improving health: healthcare-associated infections. Centers for Disease Control and Prevention Orientation for New Health Officials. Atlanta, GA. 2010.

**Labus B.** Local epidemiology. 2010 Council of State and Territorial Epidemiologists Annual Conference. Portland, OR. 2010.

**Labus B.** Outbreak of hepatitis C related to unsafe injection practices. Western States Osteopathic Medical Conference Las Vegas, NV. 2009.

**Labus B.** Las Vegas hepatitis C outbreak. Southwest Regional Viral Hepatitis Summit. Las Vegas, NV. 2008.

**Labus B.** Public health crisis response: mass exposure to hepatitis C due to unsafe injection practices. Hazmat Explo 2008 Las Vegas, NV. 2008.

**Labus B.** Outbreak of hepatitis C at a medical clinic. Association of Professionals in Infection Control 2008 National Conference. Denver, CO. 2008.

**Labus B.** Disease after disasters. Western Regional Preparedness Conference. Las Vegas, NV. 2007.

**Labus B.** Disease surveillance in Southern Nevada. EpiReady Training Course. Las Vegas, NV. 2007.

**Labus B.** Outbreak investigation in Southern Nevada. Pulsenet Region IX Meeting. Seattle, WA. 2006.

**Labus B.** Making sense of health-related data during an emergency response. Hazmat Explo. Las Vegas, NV. 2006.

**Labus B.** Avian influenza. 2006 Western Regional American Association of Physician Assistants Meeting. Las Vegas, NV. 2006.

**Labus B.** Outbreak investigation. Hazmat Explo. Las Vegas, NV. 2005.

**Labus B.** Outbreak investigation. American Society for Clinical Laboratory Science Region X Spring Symposium. Laughlin, NV. 2005.

**Labus B.** Epidemiology and surveillance in tourist populations: what happens in Vegas doesn't always stay in Vegas. Field Epidemiology Basics for Infectious Disease Readiness. UC Berkeley Center for Infectious Disease preparedness. Las Vegas, NV. 2004.

**Labus B.** Forensic epidemiology. Hazmat Explo. Las Vegas, NV. 2004.

**Labus B.** Norovirus outbreak at a Las Vegas hotel. Core Infectious Disease Emergency Readiness Summer Institute. Berkeley, CA. 2004.

**Labus B.** Hepatitis A in Clark County, Nevada. Havrix National Advisory Board Meeting. New York City, NY. 2004.

Gilbertson J, **Labus B.** Bioterrorism panel. Weapons of mass destruction: your role in the community response. Las Vegas, NV. 2002.

## Presentations: Invited Oral Presentations (State and Local)

**Labus B.** Living with COVID, or just giving up? UNLV Science Café. Las Vegas, Nevada, 2022.

**Labus B.** COVID-19: Where we've been, where we are, and where we are going. Osher Lifelong Learning Institute. Las Vegas, Nevada, 2022.

**Labus B.,** Davidson J. Public Health and Student Services. Las Vegas, NV, 2021.

**Labus B.** Rebel Recharge: COVID-19: Where Do We Go from Here? Las Vegas, NV. 2021.

**Labus B.** COVID lessons for a Post-COVID World. Nevada Environmental Health Association Annual Education Conference. Las Vegas, NV. 2021.

**Labus B.** Trends in coronavirus. Immunize Nevada Monthly Meeting. 2020.

**Labus B.** Transportation and coronavirus. Association for Learning Environments, Nevada Chapter. Nevada, 2020.

**Labus B.** Design and coronavirus. Association for Learning Environments, Nevada Chapter. Nevada, 2020.

**Labus B.** When bad models happen to good data. American Statistical Association, Nevada Chapter. Nevada, 2020.

**Labus B.** Foodborne Outbreak Investigation: A Local Perspective. Foodborne Illness Outbreak Investigation and Response Conference. Las Vegas, Nevada, 2019.

**Labus, B.** Introduction to Epidemiology. Southwest compliance and safety training institute. Las Vegas, Nevada. 2019.

**Labus, B.** How to give a presentation that doesn't suck. Nevada Public Health Association mentorship series. Las Vegas, NV. 2019.

**Labus B.** Outbreak Investigation: Making the Hard Decisions (and some easy ones). Southern Nevada Health District. Las Vegas, NV. 2019.

**Labus B.** Hey Alexa, where can I eat and not get food poisoning? The use of new technology to identify foodborne disease and risks in the community. Nevada Environmental Health Association Annual Education Conference. Las Vegas, NV. 2018.

**Labus B.** A tale of two outbreaks: Local outbreak case studies. Southern Nevada Health District, 2017.

**Labus B.** Foodborne outbreaks. Association of Professionals in Infection Control, Las Vegas Chapter, 2015 Annual Education Conference. Las Vegas, NV. 2015.

**Labus B.** Foodborne illness investigation. Nellis Air Force Base. Las Vegas, NV. 2015.

**Labus B.** Measles in Southern Nevada. Association of Professionals in Infection Control March Chapter Meeting. Las Vegas, NV, 2015.

**Labus B.** Measles in Southern Nevada. Nevada Public Health Association March Chapter Meeting. Las Vegas, NV, 2015.

**Labus B.** Measles Update. Immunize Nevada Community Meeting. Las Vegas, NV, 2015.

**Labus B.** Ebola Outbreak Update. Association of Professionals in Infection Control, Las Vegas Chapter, 2014 Annual Education Conference. Las Vegas, NV. 2014.

**Labus B.** Overview of Ebola. American Society of Safety Engineers, Las Vegas Chapter meeting. Las Vegas, NV, 2014.

**Labus B.** Ebola overview. Medical Reserve Corps of Southern Nevada November meeting. Las Vegas, NV, 2014.

**Labus B.** Ebola overview. American Industrial Hygiene Association Nevada Local Section Meeting. Las Vegas, NV, 2014.

**Labus B.** The Las Vegas hepatitis C outbreak five years later: What have we learned? Association of Professionals in Infection Control, Las Vegas Chapter, 2013 Annual Education Conference. Las Vegas, NV. 2013.

**Labus B.** Current infectious disease issues in Southern Nevada. Touro University. Henderson, NV. 2012.

**Labus B.** Current disease issues in Southern Nevada. Touro University. Henderson, NV. 2011.

**Labus B.** The legal framework for public health reporting in Nevada. Association of Professionals in Infection Control, Las Vegas Chapter, 2011 Annual Education Conference. Las Vegas, NV. 2011.

**Labus B.** Foodborne illness investigation. Nellis Air Force Base. Las Vegas, NV. 2011.

**Labus B.** H1N1: Nevada's response and recovery. 2011 Nevada Environmental Health Association Annual Conference Las Vegas, NV. 2011.

Bruno T, **Labus B**, Nguyen, L, Bergtholdt M. SNHD foodborne disease investigation procedures: past, present and future. 2011 Nevada Environmental Health Association Annual Conference. Las Vegas, NV. 2011.

**Labus B.** Epidemiology of infectious organisms. Nevada Ambulatory Surgical Center Association Conference. Las Vegas, NV. 2011.

**Labus B.** Current trends in infectious diseases in Southern Nevada. Touro University. Henderson, NV. 2010.

**Labus B.** Influenza: 2009 H1N1 influenza. Southwest Medical Association Nurse Managers Meeting. Las Vegas, NV. 2010.

**Labus B.** 2009 H1N1 influenza. Southern Nevada Immunization Coalition Annual Influenza Meeting Las Vegas, NV. 2010.

**Labus B.** Outbreak investigation. 2009 Nevada Environmental Health Association Annual Meeting. Las Vegas, NV. 2009.

**Labus B.** Swine flu. 2009 Nevada Environmental Health Association Annual Meeting. Las Vegas, NV. 2009.

**Labus B.** Vaccine preventable disease In Southern Nevada. Shots for Tots Provider Meeting. Las Vegas, NV. 2009.

**Labus B.** Influenza overview. Nevada State Assembly, 75th Session (2009). Health and Human Services Committee. Carson City, NV. 2009.

Guinan M, **Labus B**, Sands L, Sizemore J. Hepatitis C panel discussion. 2008 Nevada Public Health Association Conference. Las Vegas, NV. 2008.

**Labus B.** Outbreak of Hepatitis C at a medical clinic. Nevada Interim Legislative Committee on Health Care. Las Vegas, NV. 2008.

**Labus B.** Epidemiology of tuberculosis in Southern Nevada. TB Anywhere Is TB Everywhere – Advances in TB Diagnosis and Management. Las Vegas, NV. 2007.

**Labus B.** Norovirus response guidelines. American Society of Safety Engineers, Las Vegas Chapter. Las Vegas, NV; 2007.

**Labus B.** Norovirus response guidelines. Nevada Environmental Health Association Conference. Las Vegas, NV. 2007.

**Labus B.** Influenza overview. Nevada State Assembly, 74th Session (2007). Ways and Means Committee. Carson City, NV. 2007.

**Labus B.** Norovirus overview. American Society of Safety Engineers, Las Vegas Chapter. Las Vegas, NV. 2007.

**Labus B.** Outbreak of *E. coli* related to spinach. Nevada Public Health Association 2006 Conference. Henderson, NV. 2006.

**Labus B.** Avian influenza. Nevada Public Health Association 2006 Conference. Henderson, NV. 2006.

**Labus B.** Avian influenza. 2006 Western Regional American Association of Physician Assistants Meeting. Las Vegas, NV. 2006.

Gilbertson J, **Labus B**, Selgestad B. Public health response. University Medical Center Weapons of Mass Destruction and Their Ethical Issues Training. Las Vegas, NV. 2005.

**Labus B.** Epidemiology and surveillance in tourist populations: what happens in Vegas doesn't always stay in Vegas. Field Epidemiology Basics for Infectious Disease Readiness. Las Vegas, NV. 2004.

**Labus B.** Forensic epidemiology. Hazmat Explor. Las Vegas, NV. 2004.

**Labus B.** Outbreak of norovirus at a Las Vegas hotel. Clark County Norovirus Summit. Las Vegas, NV. 2004.

**Labus B.** Public health epidemiology for law enforcement. Forensic Epidemiology Conference. Las Vegas, NV. 2004.

## Presentations: Posters

Ajumobi, O., Verdugo, S.R., **Labus B.**, Reuther, P., Lee, B., Koch, B., Davidson, P. J. & Wagner, K. D (2020). Pre-hospital Opioid Overdose Cases: Day Time Distribution and Accuracy of Using 911 Computer Assisted Dispatch and Patient Clinical Record Variables for Identification of Cases. Poster presented at College on Problems of Drug Dependence virtual conference, USA.

Gakh M, **Labus B**, Walker B. (2017) Requirements to Report Patient Information to Government Entities: A Case Study of Physician Mandatory Reporting Laws. American Public Health Association Annual Conference. Atlanta, GA.

Lucas J, **Labus B**, Cochran C. (2013) Timeliness of disease reporting between electronic and traditional laboratory methods: an evaluation of four gastrointestinal illnesses in Southern Nevada. 2013 Council of State and Territorial Epidemiologists Annual Conference. Pasadena, CA.

**Labus B**, Savarda S. (2004) Using syndromic surveillance to identify and monitor the 2003-2004 influenza season in Clark County, Nevada. 2004 Council of State and Territorial Epidemiologists Annual Conference. Boise, ID.

Huang S, **Labus B**, Samuel M, Wan D, Reingold A. (2000) Antibiotic Resistance Patterns of Bacterial Isolates from Blood in San Francisco County, 1996-1999. International Conference on Emerging Infectious Diseases. Atlanta, GA.

## Popular Press Articles

**Labus B.** Yes, there is a way out of this pandemic. *Las Vegas Sun*. Opinion column. August 31, 2021. <https://lasvegassun.com/news/2021/aug/31/yes-there-is-a-way-out-of-this-pandemic/>

**Labus B.** UNLV expert: Where do I stand? Six feet away. *Las Vegas Sun*. Opinion column. August 16, 2020. <https://lasvegassun.com/news/2020/aug/16/where-do-i-stand-six-feet-away/>

**Labus B.**, Barber C, Gerstenberger, S. How do we protect ourselves at home during coronavirus, and what if someone has been exposed? 4 questions answered. *The Conversation*. March 23, 2020. <https://theconversation.com/how-do-we-protect-ourselves-at-home-during-coronavirus-and-what-if-someone-has-been-exposed-4-questions-answered-133992>

Benning S, **Labus B**, Barchard K. How to stop touching your face to minimize spread of coronavirus and other germs. The Conversation. March 19, 2020. <https://theconversation.com/how-to-stop-touching-your-face-to-minimize-spread-of-coronavirus-and-other-germs-133683>

**Labus B**. If I get sick with coronavirus, can Donald Trump make me stay home? The Conversation. March 10, 2020. <https://theconversation.com/if-i-get-sick-with-coronavirus-can-donald-trump-make-me-stay-home-133047>

**Labus B**. Love in the time of the coronavirus: Do you turn your back when someone offers you a hand, a kiss or a hug? The Conversation. March 6, 2020. <https://theconversation.com/love-in-the-time-of-the-coronavirus-do-you-turn-your-back-when-someone-offers-you-a-hand-a-kiss-or-a-hug-133037>

**Labus B**. What really works to keep coronavirus away? 4 questions answered by a public health professional. The Conversation. March 4, 2020. <https://theconversation.com/what-really-works-to-keep-coronavirus-away-4-questions-answered-by-a-public-health-professional-132959>

**Labus B**. Is the coronavirus a pandemic, and does that matter? 4 questions answered. The Conversation. February 5, 2020. Available at <https://theconversation.com/is-the-coronavirus-a-pandemic-and-does-that-matter-4-questions-answered-131128>

**Labus B**. Why are people still dying from Legionnaires' disease? The Conversation. August 16, 2019. Available at <https://theconversation.com/why-are-people-still-dying-from-legionnaires-disease-121862>

**Labus B**. Yes, flesh-eating bacteria are in the warm coastal waters – but it doesn't mean you'll get sick. The Conversation. July 31, 2019. <https://theconversation.com/yes-flesh-eating-bacteria-are-in-the-warm-coastal-waters-but-it-doesnt-mean-youll-get-sick-121081>

## Media Appearances

Regularly interviewed for print, television, and radio in Southern Nevada on infectious disease topics. Since January 2020, over 1,300 media appearances in local, national, and international outlets, including the New York Times, Washington Post, CNN, Forbes, and National Public Radio. A full list of interviews with links to the publications can be found at: <https://docs.google.com/spreadsheets/d/1eaRmqxQeNI2aW39HUCbDmh0hAGAkJ9kQr1adXIMtqAA/edit?usp=sharing>

## Teaching Experience

### **University of Nevada, Las Vegas, School of Public Health – Tenured and Tenure-Track Faculty**

2026 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 11) EAB 745: Disease Surveillance (Graduate Enrollment: 4) NURS 350: Principles of Nursing Research – Guest Lecture
2025 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 5) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 15)
2025 Summer	NURS 350: Principles of Nursing Research – Guest Lecture
2025 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 13) EAB 745: Disease Surveillance (Graduate Enrollment: 6) NURS 350: Principles of Nursing Research – Guest Lecture
2024 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 6) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 14) NURS 350: Principles of Nursing Research – Guest Lecture
2024 Summer	NURS 350: Principles of Nursing Research – Guest Lecture
2024 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 13)
2023 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 5) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 14)
2022 Summer	EMHA 702: Managerial Epidemiology (Graduate Enrollment: 6)
2023 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 14) EOH 790: Doctoral Seminar – Guest Lecture
2022 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 5) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 8)
2022 Summer	EMHA 702: Managerial Epidemiology (Graduate Enrollment: 8)
2022 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 5) NURS 350: Principles of Nursing Research – Guest Lecture EOH 790: Doctoral Seminar – Guest Lecture
2021 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 12) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 5) EOH 790: Doctoral Seminar – Guest Lecture
2021 Summer	EMHA 702: Managerial Epidemiology (Graduate Enrollment: 6)
2021 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 19) EOH 790: Doctoral Seminar – Guest Lecture PBH 490: Undergraduate Precapstone Course – Guest Lecture
2020 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 9) EOH 793: Internship in Public Health (Graduate Enrollment: 6) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 13) EOH 790: Doctoral Seminar – Guest Lecture PBH 490: Undergraduate Precapstone Course – Guest Lecture
2020 Summer	EMHA 702: Managerial Epidemiology (Graduate Enrollment: 9) EOH 793: Internship in Public Health (Graduate Enrollment: 4)
2020 Spring	EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 8) EOH 793: Internship in Public Health (Graduate Enrollment: 6) HCA 799: Capstone – Guest Lecture EOH 790: Doctoral Seminar – Guest Lecture
2019 Fall	EAB 735: Outbreak Investigation (Graduate Enrollment: 9) EOH 793: Internship in Public Health (Graduate Enrollment: 2) EAB 756: Epidemiologic Methods II (Graduate Enrollment: 10)
2019 Summer	EMHA 702: Managerial Epidemiology (Graduate Enrollment: 11) EOH 793: Internship in Public Health (Graduate Enrollment: 6)
2019 Spring	PBH 205: Introduction to Public Health (Undergraduate Enrollment: 6)

EAB 705/HCA 702: Epidemiology and Public Health (Graduate Enrollment: 10)  
 EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 11)  
 HCA 799: Capstone – Guest Lecture  
 EOH 790: Doctoral Seminar – Guest Lecture  
 2018 Fall EOH 793: Internship in Public Health (Graduate Enrollment: 6)  
 EAB 756: Epidemiologic Methods II (Graduate Enrollment: 10)  
 PBH 205: Introduction to Public Health – Guest Lectures

**University of Nevada, Las Vegas, School of Public Health – Visiting Faculty**

2018 Summer EMHA 702: Managerial Epidemiology (Graduate Enrollment: 14)  
 EOH 793: Internship in Public Health (Graduate Enrollment: 5)  
 PBH 205: Introduction to Public Health (Undergraduate Enrollment: 6)  
 2018 Spring EOH 793: Internship in Public Health (Graduate Enrollment: 2)  
 PBH 205: Introduction to Public Health (Undergraduate Enrollment: 25)  
 PBH 205: Introduction to Public Health (Undergraduate Enrollment: 25)  
 PBH 205: Introduction to Public Health (Undergraduate Enrollment: 25)  
 PBH 202: Introduction to Epidemiology – Guest Lectures  
 2017 Fall EAB 735: Outbreak Investigation (Graduate Enrollment: 10)  
 EOH 717: Food Safety (Graduate Enrollment: 3)  
 EOH 793: Internship in Public Health (Graduate Enrollment: 11)  
 PBH 205: Introduction to Public Health (Undergraduate Enrollment: 25)  
 EOH 713/LAW 790: Public Health Law – Guest Lecture  
 NURS 350: Population Focused Nursing in the Community – Guest Lecture  
 2017 Summer EMHA 702: Managerial Epidemiology (Graduate Enrollment: 6)  
 EOH 793: Internship in Public Health (Graduate Enrollment: 4)  
 2017 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 9)  
 EOH 793: Internship in Public Health (Graduate Enrollment: 4)  
 PBH 205: Introduction to Public Health – Guest Lectures  
 2016 Fall EOH 793: Internship in Public Health (Graduate Enrollment: 5)  
 PBH 205: Introduction to Public Health – Guest Lecture  
 NURS 350: Population Focused Nursing in the Community – Guest Lecture  
 BIOL 251: Microbiology – Guest Lecture  
 2016 Summer PBH 205: Introduction to Public Health (Undergraduate Enrollment: 7)  
 INBRE Biostatistics Bootcamp for UNR School of Medicine (Resident Enrollment: 40)  
 2016 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 15)  
 EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 9)  
 NURS 350: Population Focused Nursing in the Community - Guest lecture

**University of Nevada, Las Vegas, School of Public Health – Adjunct Instructor**

2015 Spring EAB 735: Outbreak Investigation (Graduate Enrollment: 9)  
 2014 Summer EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 11)  
 2012 Summer EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 9)  
 2012 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 10)  
 2011 Summer EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 10)  
 2011 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 9)  
 2010 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 14)  
 2009 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 12)  
 2007 Fall EAB 745: Disease Surveillance (Graduate Enrollment: 10)  
 2007 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 11)  
 2006 Spring EAB 725: Epidemiology of Infectious Diseases (Graduate Enrollment: 12)

**Touro University Nevada, Nursing Doctorate Program – Adjunct Instructor**

2011 Spring NURS 704: Introduction to Epidemiology (Graduate Enrollment: 4)

2010 Spring NURS 704: Introduction to Epidemiology (Graduate Enrollment: 5)  
2009 Fall NURS 704: Introduction to Epidemiology (Graduate Enrollment: 5)

### **Touro University Nevada, Physician Assistant Program – Adjunct Instructor**

2005 Fall PA 683: Introduction to Epidemiology (Graduate Enrollment: 42)

### **College of Southern Nevada, School of Nursing – Adjunct Instructor**

2004 Fall NUR 198B: Terrorism Preparedness for Health Professionals (Undergraduate Enrollment: 8)

### **University of California, Berkeley, School of Public Health – Graduate Student Instructor**

1999 Fall PBH 250A: Epidemiologic Methods I (Graduate Enrollment: 72)

1999 Summer PBH 250A: Epidemiologic Methods I (Graduate Enrollment: 15)

## Student Mentorship

2026 Joanna Joseph, MPH Committee Chair  
Katherine Sharp, MPH Committee Chair  
Nadia Strum, MPH Committee Member

2025 Jessica Freely, MPH Committee Chair  
John Iannuzzi, MPH Committee Member  
Emily Sandoval, MPH Committee Chair

2024 Eric Matesen, MPH Committee Chair  
Divine Abbasszadeh, MPH Committee Chair

### **Casey Barber, PhD (Public Health) Committee Chair – Fall 2024 SPH Outstanding Graduate**

Gabriela Bran, MPH Committee Chair  
Kristin Childress, MPH Committee Member  
Katharine Major, MPH Committee Member

2023 Bradon Bucher, MPH Committee Chair  
Katelyn Faulk, MPH Committee Chair  
Md Abdul M Faysal, PhD (Computer Science) Committee Graduate College Representative  
Edom Gelaw, MPH Committee Chair

Chris Mariano, DNP (Nursing) Committee Graduate College Representative  
Samantha Morales, MPH Committee Chair  
Leigh Ann Richardson, PhD (Public Health) Committee Member

### **Brooke Conway, PhD (Public Health) Committee Chair - Fall 2022 UNLV Outstanding Graduate**

Michael Zhang, MPH Committee Chair  
Mona Lisa Paulo, MPH Committee Member  
Elijah Kreutzer, MPH Committee Co-Chair  
Nicolette Harmon, MPH Committee Chair  
Tara Nerida, PhD (Public Health) Committee Member

### **Kristina Mihajlovski, MPH Committee Member - Fall 2021 UNLV Outstanding Graduate**

Tory Rich, MPH Committee Member  
Liz Kahane, MPH Committee Member

2020 Briana King, MPH Committee Chair  
Karen Gutierrez, MPH Committee Member

2019 Mehret Girmay, MPH Committee Chair  
Julia Anderson, PhD (Public Health) Committee Member  
James Park, MPH Committee Member  
Jenna Webb, MPH Committee Member

Karen Callahan, PhD (Public Health) Committee Member

2018 Kelsi Sullivan, MPH Committee Member

- Alexis York, MPH Committee Co-Chair
- David Rivas, MPH Committee Member
- 2017 Vimala Ganta, MPH Committee Member
- Senae El Ibrahimy, PhD (Public Health) Committee Member
- Lauren DiPrete, MPH Committee Co-Chair
- Sfurti Maheshwari, MPH Committee Member
- 2016 Kara Cronkhite, MPH Committee Co-Chair
- Raina Rappel, MPH Committee Member
- Kim Anichowski, MPH Committee Member
- 2013 Mora Kim, MPH Committee Member
- Valerie Cohen, MPH Committee Member
- 2012 Jennifer Lucas, MPH Committee Member
- Michelle Lutman, MPH Committee Member
- 2011 Kindra St. Jacques, MPH Committee Member
- 2006 Chad Adams, MPH Committee Member

## Professional Memberships and Activities

- 2026-present **NVax: Nevada's Immunization Coalition**  
Founder/Director
- 2023-2024 **Association of Professionals in Infection Control**  
Member
- 2002-present **Council of State and Territorial Epidemiologists**  
State Reportable Conditions Assessment, Team Lead, 2009-2015  
Liaison to the National Association of City and County Health Officials, 2011-2015  
Reportable Condition Knowledge Management System Workgroup, Healthcare-Vendor Partner Subgroup Team Lead, 2012-2014  
Annual Conference Planning Committee, 2013-2015  
Travel History Workgroup, 2012-2015  
Surveillance/Informatics Steering Committee, 2005-2015  
Surveillance Practice and Implementation Subcommittee, 2005-2015  
Electronic Laboratory Reporting Workgroup, 2013-2015
- 2011-present **National Environmental Health Association**  
Member
- 2018-present **Nevada Public Health Association, Member**  
Student Mentor
- 2017-present **Delta Omega National Public Health Honor Society, Theta Chapter**  
Member
- 2017 **Nevada Medical Marijuana Advertising Guidelines Workgroup**  
Member
- 2013-2015 **City and Large Urban Area Epidemiologists (CLUE) Workgroup**  
Member
- 2012-2015 **National Association of City and County Health Officials**  
Epidemiology Workgroup
- 2012-2014 **Nevada Health Information Exchange Board of Directors**  
Chair, 2013-2014  
Treasurer, 2012-2013
- 2008-2010 **Hepatitis C Outbreak Multiagency Task Force**

- Member
- 2006-2007 **Center for Disease Control and Prevention Public Health Information Network: Analysis, Visualization, and Reporting User's Group**  
Member
- 2004-2005 **American Public Health Association**  
Member

## Awards and Honors

- 2025 Outstanding Researcher, Department of Epidemiology and Biostatistics  
University of Nevada, Las Vegas School of Public Health
- 2022 COVID-19 Incident Management Team Hero Award  
University of Nevada, Las Vegas
- 2021 Public Health Program of the Year (UNLV Contact Tracing Team)  
Nevada Public Health Association
- 2021 Alumnus of the Year  
University of Nevada, Las Vegas, School of Public Health
- 2021 Outstanding Service Award  
Department of Epidemiology and Biostatistics, UNLV School of Public Health
- 2021 COVID-19 Top Tier Award  
University of Nevada, Las Vegas
- 2020 Public Health Leadership Award  
Nevada Public Health Association
- 2020 Outstanding Service Award  
Department of Environmental and Occupational Health, UNLV School of Public Health
- 2018 Outstanding Teaching Award  
Department of Environmental and Occupational Health, UNLV School of Public Health
- 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2025 Outstanding Faculty Award  
UNLV School of Public Health Student Association
- 2011 Charles C. Shepard Science Award Nominee for scientific publication  
Centers for Disease Control and Prevention
- 2008 Public Health Program of the Year (Southern Nevada Health District Office of Epidemiology)  
Nevada Public Health Association
- 2000 Outstanding Graduate Student Instructor  
University of California, Berkeley, School of Public Health
- 1993-1997 Thomas J. Watson Scholar, IBM
- 1993 National Merit Finalist

## Funding

2026 CareSource Faculty award. **Labus B**, Principal Investigator. \$100,000. Immunization Confidence and Community Partner Challenge.

2025 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$123,000. Immunization Coalition Development.

2024 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$1,000,000. Childhood Immunization Improvement.

2024 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$100,001. Nevada Vaccine Equity Collaborative Support.

2024 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$2,000,000. Epidemiologic workforce development for the State of Nevada.

2023 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$1,199,050. Epidemiology of healthcare associated infections in Nevada

2023 ULNV Office of Sponsored Programs. Faculty Opportunity Award. Arifuzzaman S and **Labus B**, Co-Principal Investigator. \$35,000. Unraveling Epidemic Dynamics in Urban Settings: A Data-Driven Social-Network Approach to Identify Key Hubs and Guide Mitigation Effort.

2022 University of Nevada, Las Vegas. **Labus B**. Principal Investigator. \$40,000. Conduct COVID-19 case surveillance for campus.

2022 University of Nevada, Las Vegas. **Labus B**. Principal Investigator. \$78,000. Conduct COVID-19 case surveillance for campus.

2022 University of Nevada, Las Vegas. **Labus B**. Principal Investigator. \$90,000. Conduct COVID-19 case surveillance for campus.

2021 University of Nevada, Las Vegas. **Labus B**. Principal Investigator. \$82,000. Conduct COVID-19 case surveillance for campus.

2021 Southern Nevada Health District. **Labus B**, Principal Investigator. \$1,721,491. Conduct COVID-19 disease investigation and contact tracing.

2021 University of Nevada, Las Vegas. **Labus B**, Principal Investigator. \$13,000. MASCUP: Study of Mask use in public spaces in collaboration with Centers for Disease Control and Prevention

2020 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$80,000. Perform an epidemiologic analysis of congenital syphilis in Nevada. Review congenital syphilis cases and convene an expert review panel to identify intervention opportunities.

2020 Nevada Division of Public and Behavioral Health. **Labus B**, Principal Investigator. \$3,425,252. Conduct COVID-19 disease investigation, contact tracing and various COVID investigations.

2015-2016 NV INBRE/NIH. **Labus B**, Principal Investigator. \$75,000

Use of social media to identify restaurants at greater risk of causing foodborne illness.

2015-2020

Centers for Disease Control and Prevention. Lockett C, Principal Investigator; **Labus B**, Epidemiologist. \$962,500

1U01EH001301-01: Incorporating social media monitoring software into health department foodborne illness surveillance and response. Member of the Southern Nevada Health District team that wrote the successful application for the agency and was listed as the project epidemiologist.