Ellie Klee

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EXPERIENCE

County of San Diego — *Epidemiologist II, Aging & Independence Services*

DECEMBER 2022 – PRESENT

- Spearhead data cleaning, analysis, and reporting for Aging and Independence Services programs, ensuring accuracy and reliability in program metrics.
- Create, update, and maintain older adult dashboards and reports using PowerBI, including the first ever county-level Aging Dashboard modeled after California's Master Plan for Aging.
- Initiate the identification of data needs within the department and for public dissemination, leading to the development of robust data systems to fulfill these requirements effectively.
- Utilize SAS and excel to conduct in-depth analysis of county demographic, economic, and health data, uncovering key insights and community need to inform strategic planning and resource allocation.
- Provide training and guidance on data collection, reporting, and data software.
- Present data and both data and community needs to County of San Diego departments and stakeholders, fostering collaborative efforts and garnering support for initiatives aimed at improving community health outcomes.
- Provide crucial support in state reporting processes, including the California Aging Roadmap and Master Plan for Aging, ensuring compliance with regulatory requirements, and facilitating the dissemination of accurate and timely information.

Jazzercise, Inc. — *Fitness Instructor*

JUNE 2013 – PRESENT

- Develop and plan fitness classes with varying formats and focuses.
- Teach inclusive, challenging fitness classes in Oregon and California comprised of cardiovascular, weight, and body weight training.
- Provide alternatives and modifications to ensure safe, inclusive classes.
- Teach applicable exercise physiology and anatomy to students, including age-specific research.

UNI, County of San Diego — *Epidemiologist I*

MARCH 2021 – DECEMBER 2022

- Lead epidemiology team on all COVID-19 vaccine and testing, Monkey Pox vaccine, quality assurance, and My Turn system management related data tasks.
- Manage and analyze COVID-19 testing data and testing site capacities for 30 County sites, 30 Cal Fire sites, and 8 Sheriff, probation, and jail sites.
- Analyze administered COVID-19 vaccine data and vaccine site capacities to formulate projections at 16 County vaccine sites, two mobile homeless outreach teams, and 45 mobile vaccine sites and facilitate vaccine allocations of 100,000 doses.
- Support County Chief and Chief Nursing Officer of Medical Care Services on policy decisions through County and partner COVID-19 vaccine and testing projections and data analysis.
- Design and implement quality assurance (QA) and quality management (QM) of COVID-19 vaccine and testing reporting systems for both County and partner vaccine data systems.
- Report, analyze and present data from COVID-19 vaccine and testing, Monkey Pox vaccine, and flu vaccine.
- Create, manage, and publish data visuals on PowerBI.

University of California, San Diego — *Lead Data Associate*

OCTOBER 2020 - MARCH 2021

- Developed systematic quality assurance and quality management processes for data collection, management, and analysis.
- Orchestrated smooth transfer of private health information between clinicians and data team members, delegated data tasks and provide leadership to data team members.
- Formulated data collection methods, address data queries, and present data to study clinicians and principal investigators for 350 participants.

County of San Diego — *COVID-19 Case Investigator*

JULY 2020 - OCTOBER 2020

- Collected medical, demographic, and social data from positive COVID-19 cases.
- Assisted County residents in obtaining services and information regarding COVID-19 resources and guidelines.
- Implemented County procedures pertaining to COVID-19 case investigations and epidemiological reporting.

EDUCATION

San Diego State University — *MPH Epidemiology*

AUGUST 2018 - MAY 2020

University of Oregon — *B.S. Human Physiology*

SEPTEMBER 2014 - AUGUST 2018

SKILLS

SAS Analytics

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Administrative system design, implementation, and analysis

Statistical analysis

Qualitative system management

Public speaking

Research methodology

Data collection

Data analysis and interpretation

Leadership

Study validation methods

Indiana University, Bloomington — *Evaluation Data Collector*

JANUARY 2020 - OCTOBER 2020

- Designed and implemented evaluation data procedures on comprehensive sex education study at six Title I schools in Oakland, California.
- Developed methods of study validation measures for 700 teenage participants.
- Wrote reports interpreting qualitative and quantitative evaluation data and formulate proposals for improved evaluation system design.

University of California, San Diego — *Research Assistant*

JANUARY 2019 - FEBRUARY 2020

- Investigated implementation of peer-led health in older adults using quantitative and qualitative medical data collection
- Entered data from surveys, medical records, and physical assessment forms