Kenneth Bryan Morales
kbmorales@protonmail.com
tel.: +1.443.401.8747
github: kbmorales

RECENT EXPERIENCE

Lead data scientist
Problem Forward: Baltimore, MD
(Nov 2018, ongoing)
Lead for multiple consulting projects involving data science, project solutioning, technical design, data engineering, and product delivery. Responsible for management of team of data analysts. Client-facing role with delivery, documentation, knowledge transfer, and client liaison responsibilities.

Research analyst
Johns Hopkins Bloomberg School of Public Health: Baltimore, MD
(May 2017, ongoing)
Research analyst responsible for public health research, data collection and survey design, analysis, and content authoring: FORECAST multi-city study of fentanyl overdose, SAPPHIRE / EMERALD studies of street-based sex workers.

EDUCATION

M.S., Public Health
Johns Hopkins Bloomberg School of Public Health (2018)
B.A., Anthropology of Science
Brown University (2009)

RESEARCH

- **Fentanyl, drug checking, and overdose prevention**
  Susan Sherman, PI (2017, ongoing)
- **Condom use, pornography consumption, and HIV pre-exposure prophylaxis**
  Independent project (2017, ongoing)
- **Street-based sex workers and interactions with the police**
  Susan Sherman, PI (2017, ongoing)
- **Drosophila genomics and cell senescence**
  Stephen Helfand, PI (2005-2006)
- **Plant phloem genomics**
  Brian Ayre, PI (2004)

KEY SKILLS

Languages:
- R
- STATA
- SQL
- HMTL/CSS

Technologies/Tools:
Git/GitHub, Linux/Unix, RStudio, Docker, Shiny/Flexdashboard, Redhat, Domino Data Lab, Amazon Web Services, SQL Databases, Google Cloud Platform, GIMP, Microsoft Office/Open Office/Google G Suite

SELECTED PUBLICATIONS

Applications, online reports
- "Common Health" Web application. December 2018. Available online at:
  https://problemforward.shinyapps.io/commonhealth/
- "Fatal Encounters with Police" Web application. Dec 2017. Available online at:
  jhubiostatistics.shinyapps.io/policeviolence/
- "Fentanyl Overdose Reduction Checking Analysis Study: Executive Summary." Report. Feb
  2018. Available online at: http://americanhealth.jhu.edu/fentanyl.html

Research articles
- "Preference for fentanyl and its correlates among people who use illicit opioids in three
  United States cities." Drug and Alcohol Dependence (2019) 204.
- "Willingness to use safer consumption spaces among opioid users at high risk of fentanyl
  overdose in Baltimore, Providence, and Boston." Journal of Urban Health (2019) 96(3) 353-
  366.
- "Harm reduction measures employed by people using opioids with suspected fentanyl
  exposure in Boston, Baltimore and Providence." Harm Reduction Journal (2019) 16(1) 39.
- "Acceptability of implementing community-based drug checking services for people who use
  drugs in three United States cities: Baltimore, Boston and Providence." International Journal
  of Drug Policy (2019) 68 46-53.

Lectures, panels, presentations
- "Preference for fentanyl and its correlates among people who use illicit opioids in three
  United States cities." American Public Health Association Conference, Philadelphia, PA
  (2019)
- "Data Equity." Blueprint for Baltimore Data Fellows, Baltimore, MD. (2019)
- "Detecting Fentanyl in Street Drugs Using Fentanyl Testing Strips and Portable Machines."
  Harm Reduction Coalition Conference, New Orleans, LA. (2018)
- "Thinking About Pornography and Men's Studies." American Men's Studies Association
  Conference, St. Paul, MN. (2018)
- "The Money Shot: Sex Work and Making a Scene." Johns Hopkins Bloomberg School of
  Public Health, Baltimore, MD. (2016)
- "Sex and the Machine." Lyst Summit: romance, love, and sex in video games. Helsinki,
  Finland. (2015)

AWARDS
- President's Volunteer Service Award – Gold (2010)
- Congressional Award – Bronze (2010)