



# Needs Assessment at a Rural College Center Amidst COVID-19

Presenters:

Kim Bateman, Ph.D.

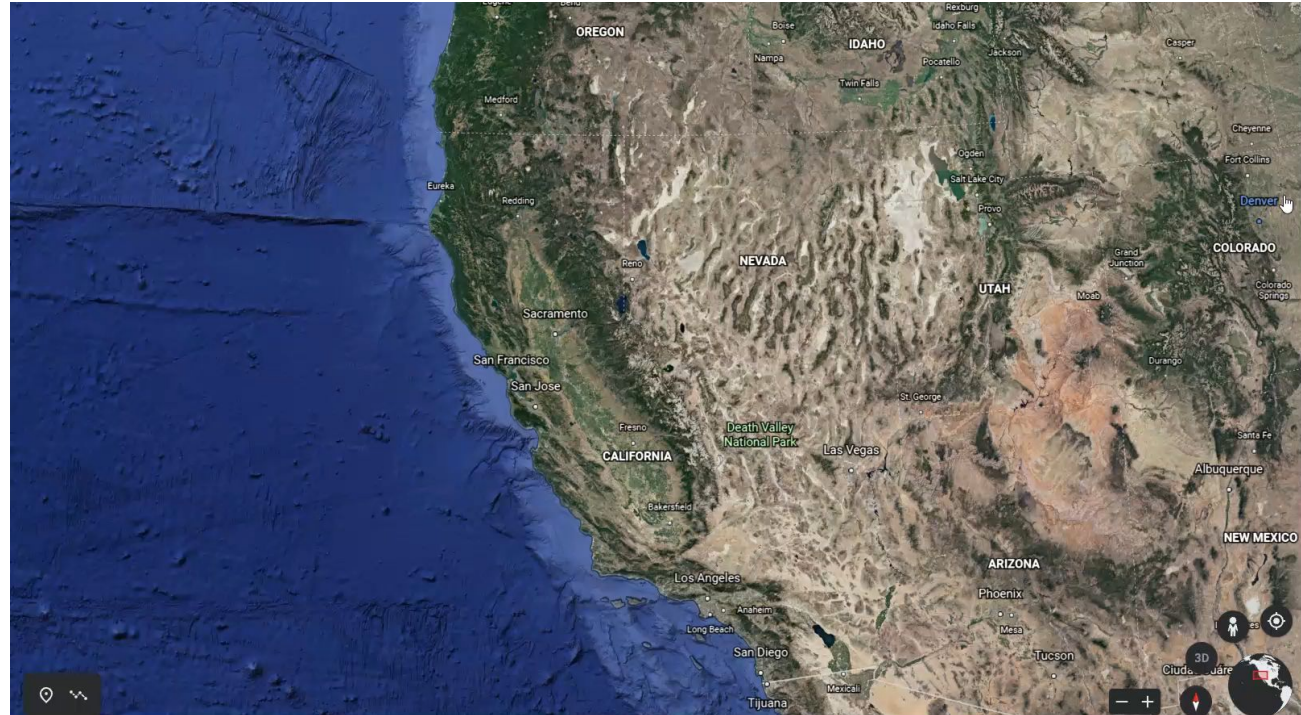
Erik Cooper, Ed.D.

Kiersten Kelly, M.D.



# Sierra College

- 20,000 students
- 4 Campuses
  - Nevada County Campus
  - Rocklin (Main Campus)
  - Roseville
  - Tahoe-Truckee





# Truckee



- Sierra College Tahoe-Truckee Campus
  - ~600 Students
  - 9 FT employees
- Town of Truckee (2021)
  - 16,729 People
  - \$958,300 Median Home Price

# Health Survey

- Demographics
- Living Situation
- Transportation
- Mental Health
- Physical Health
- Reproductive Health
- Bias/Discrimination

**From:** Bateman, Kim <[kbateman@sierracollege.edu](mailto:kbateman@sierracollege.edu)>  
**Sent:** Friday, March 06, 2020 1:00 PM  
**To:** Cooper, Erik <[ecooper1@sierracollege.edu](mailto:ecooper1@sierracollege.edu)>  
**Subject:** Tahoe-Truckee Health Survey

Hi Erik-

As I am a one person IRB up here, I wanted to run this by you. I am interested in learning more about our students and their needs. We are designing some prevention/intervention programs on our campus and I want to make sure they are the right ones.

I have developed this survey in partnership with our counselor, Christopher Old, the Behavioral Health folks at Tahoe Forest Hospital, The Tahoe-Truckee Community Collaborative, and the Sierra Community House (which houses the Tahoe Safe Alliance (sexual assault and domestic violence support) and the Family Resource Centers (Latinx support). I am realizing that I haven't checked with anyone in Rocklin, so am hoping for your advice on that—I am thinking LaToya and Cinda for the Title IX part, maybe Wende for the physical health....who would be the mental health part of it? Is that Bobby?  
I am probably lighting a bomb. ☺

I'd appreciate your feedback and advice when you get a moment.  
Thanks.  
Kim

# Community Colleges as Social Net

Safe Space and  
Advocacy-  
Anti-Racism, LGBT  
Q+

Food Pantry  
hygeine kits,  
lactation station

Mental Health  
counseling, success  
workshops

Financial Aid,  
Emergency Funds-  
housing  
transporation books

Title IX  
education/support,  
Crisis Line Training

Tech Assistance  
laptops, hotspots,  
open labs, MSoffice

# COVID

- Since the lockdown...
- How has your health changed since the shelter in place?

**From:** Bateman, Kim  
**Sent:** Thursday, March 26, 2020 12:48 PM  
**To:** Cooper, Erik <[ecooper1@sierracollege.edu](mailto:ecooper1@sierracollege.edu)>  
**Subject:** survey

Hi Erik-

I am thinking of revising the survey we developed to be more COVID19 focused (i.e. answering questions pre covid and post covid). I know you are probably swamped but I am hoping to get your input—maybe Monday or Tuesday of next week?

Kim Bateman, Ph.D.  
Dean, Tahoe-Truckee Campus  
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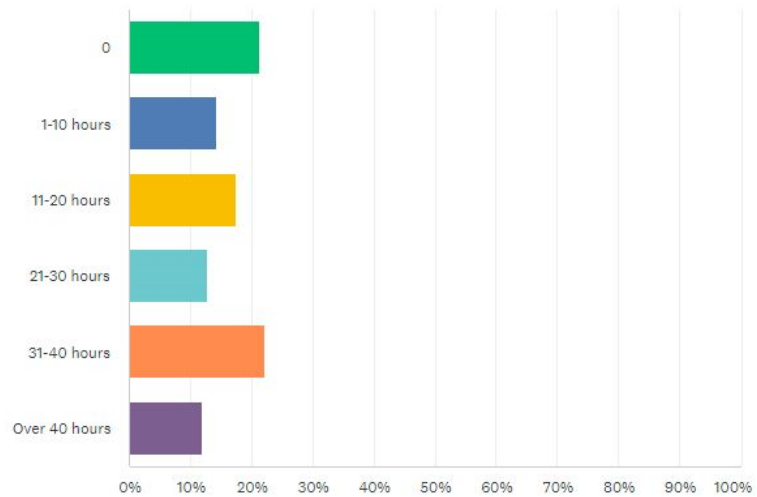
# Methods

- - 43-item survey created with community partners and administered to Sierra College students in April 2020.
- - Data analyzed through Minitab-19, using Wilcoxon-signed rank and Mann Whitney U tests.

# Selected Results

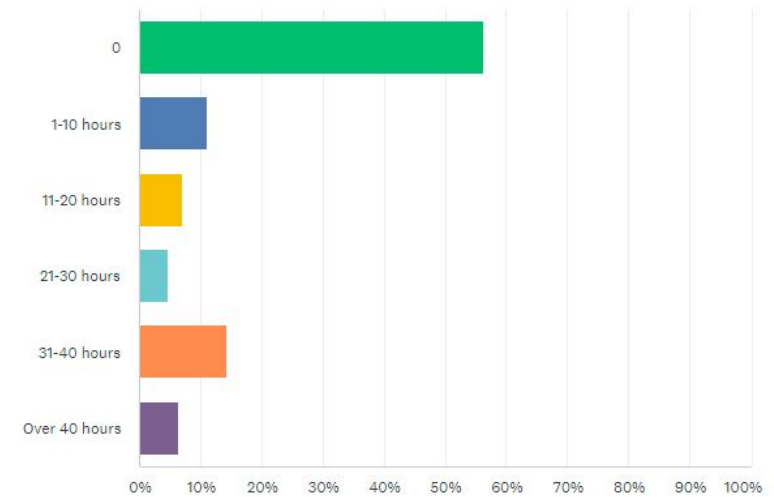
On average, how many hours per week did you work at a paid job while attending school prior to the shelter in place order?

Answered: 126 Skipped: 8



On average, how many hours per week are you working while attending school during the shelter in place order?

Answered: 126 Skipped: 8

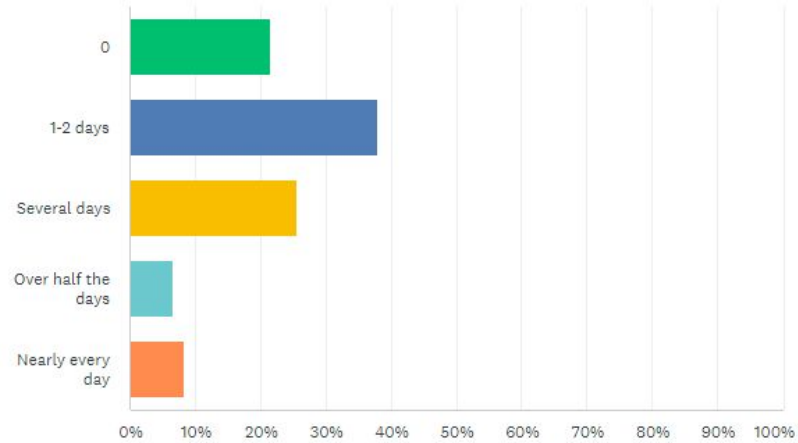




# Selected Results

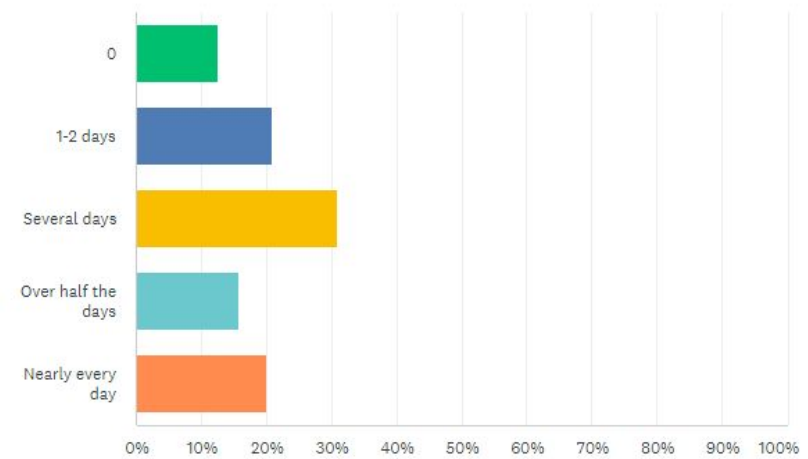
During a typical two week period before the shelter in place, how many days have you felt nervous, anxious, or on edge?

Answered: 121 Skipped: 13



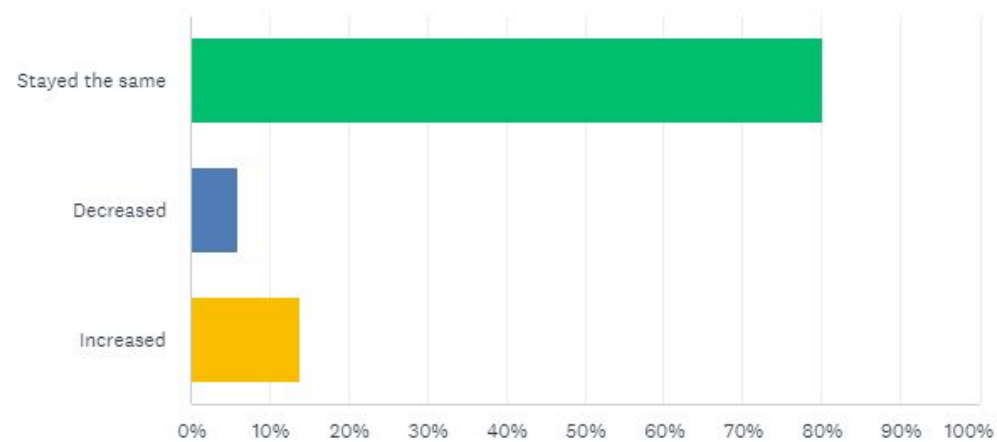
Since the shelter in place began, how many days have you felt nervous, anxious, or on edge?

Answered: 120 Skipped: 14



How has your use of non-prescribed drugs or alcohol use changed since the shelter in place order was given?

Answered: 116 Skipped: 18



# Selected Results

80 % reported non-prescribed drugs or alcohol use stayed the same after shelter in place.

14% reported increase in use (all White).  
6% decreased use.

White students consumed alcohol for a greater number of days compared to Latinx students,  $z = 2.19$ ,  $p = .028$

77% never use marijuana products while 11% use them nearly every day.

# Substance Use

## FOOD INSECURITY

Thirty-two percent of the students indicated that having enough money to buy food over the past three months was a problem. A Mann-Whitney test revealed that food insecurity was a greater problem for Latinx students ( $Mdn = 2$ ) than for White students ( $Mdn = 1$ ),  $U = 738$ ,  $p = .006$ .





Sierra College hosted drive through food distributions. Sierra Community House began delivering approximately 10,000 meals per week at the onset of the stay-at-home orders in March 2020. The organization continued to deliver 9,500 meals per week six months after the initiation of the orders.

In partnership with the Tahoe Forest Health System and the Town of Truckee, Sierra College provided facilities for a COVID19 Vaccine Clinic. Over 10,000 doses were administered from January 2021 through June 2021.

# At your institution:

1. Which student issues have become more pressing during the Pandemic?
2. Which issues do you try to address with on campus resources?
3. Which issues would be better addressed using community resources?
4. Do you have community partnerships that have strengthened support for your students and if so, can you share?

# REMINDER: COMPLETE YOUR SESSION EVALUATIONS



## OPTION 01

Home - Feedback

- Navigate to the **Home** page
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- Select **Session Feedback**
- Select the name of the session that you attended



## OPTION 02

Agenda - Session

- Navigate to **Agenda** on the bottom menu
- Select session name
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