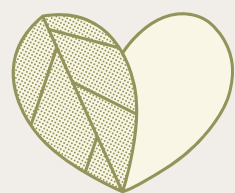
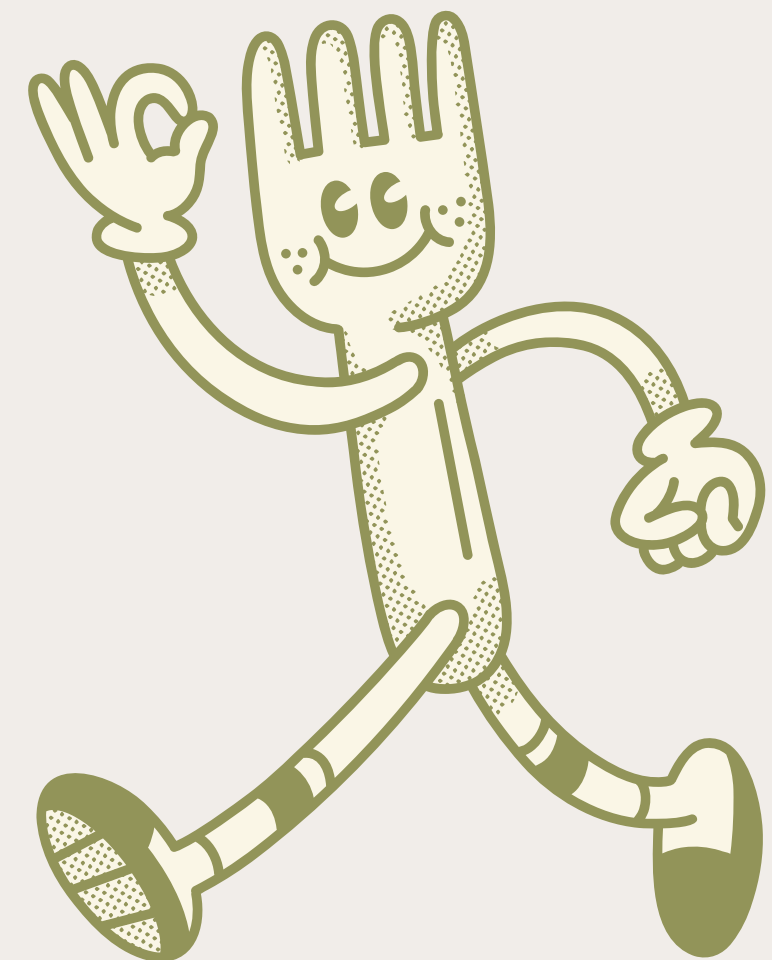


# ASI FOOD PANTRY: REGISTRATION FORM EVALUATION



RODRIGO ROSARIO &  
SEBASTIAN RECOSTODIO



# OUTLINE

● **ASI Food Pantry**

● **What we were tasked**

● **Our approach**

● **Our Recommendations**

● **Conclusions**



# ASI FOOD PANTRY

- Exists to provide food and basic necessities to Sac State students with financial hardships and low food security
  - -> Aims to decrease the negative impact that low food security has on the academic success
- Located centrally with flexible hours & offers after hours lockers
- Offers a variety of items such as:
  - Fresh Produce
  - Canned Goods
  - Grains
  - Prepared packaged meals
  - Toiletries







# ASI FOOD PANTRY

- Requirements: Current student, OneCard, & completion of registration form
- Full time staff, student employees, and volunteers
- Constantly improving and expanding through operations, space, partnerships and more



# WHAT WE WERE ASKED

- Evaluate the ASI Food Pantry Registration Form 2023-2024 to provide suggestions for the 2024-2025 Registration Form (RF)
  - What's missing
  - What stays
  - What to remove
  - What to add



# REGISTRATION FORM

## PURPOSE

Determine whether the food pantry is the right resource for a student seeking help

Collect valuable data on student needs, desires, and behaviors

## CONTENTS



Demographic  
Info



USDA 6-item Food  
Insecurity Scale



Referral  
Wants & Needs



# OUR APPROACH

## 1. Ensure RF is achieving what it set out to do

- Additional questions/revisions regarding environment/community background (Landry et. al, 2023)

## 2. Streamline RF to decrease participant burden which can increase response reliability

- Reducing survey fatigue that may lead to careless responses and 'satisficing' (Nikolaus et. al, 2019)
- Rearranging questions and organizing RF into groups for better flow (Drummond, 2023)



Q11 Have hunger or housing problems impacted your education and health?

- I had difficulties paying for medical bills (1)
- I had difficulties paying for medications (2)
- I missed a class (3)
- I missed a study session (4)
- I missed a club meeting (5)
- I opted not to join an extracurricular activity (6)
- I did not buy a required textbook (7)
- I dropped a class (8)
- I did not perform as well in your academics as I could have (9)
- It has not impacted me (10)

Q11 **Have** How has hunger ~~or housing problems~~ impacted your education and health? Double barrel question

- I had difficulties paying for medical bills (1)
- I had difficulties paying for medications (2)
- I missed a class (3)
- I missed a study session (4)
- I missed a club meeting (5)
- I opted not to join an extracurricular activity (6)
- I did not buy a required textbook (7)
- I dropped a class (8)
- I did not perform as well in your academics as I could have (9)
- It has not impacted me (10)

# DOUBLE-BARREL QUESTION

Leads to ambiguity of answer

- Can't distinguish cause



# MISSING DATA

Q14 Do you use public transportation?

- Yes (1)
- No (2)

Q14 ~~Do you use public transportation?~~ What forms of transportation do you use?

- Personal Car
- Public Transportation (Bus, Ride Share, etc.)
- Active Transportation (Bicycle, Scooter, Walking, etc.)
- Other: \_\_\_\_\_

Provides more  
specific data on  
access to  
transportation  
methods



# VALIDITY ISSUE

Cooking frequency vs  
eating at home frequency

Q15 How often do you cook for yourself?

- Always (1)
- Often (2)
- Sometimes (3)
- Rarely (4)
- Never (5)

~~Q15~~ Q18 ~~How often do you cook for yourself?~~ How often do you buy your meals as opposed to home cooked meals?

- Always (1)
- Often (2)
- Sometimes (3)
- Rarely (4)
- Never (5)



# ADDITIONAL RESOURCE REFERRAL

Q21 Are you enrolled in CalFresh?\_

- Yes (1)
- No (2)
- Don't know (3)

---

*Display This Question:*

*If Are you enrolled in CalFresh? = Yes*

Q22 How much in CalFresh benefits do you typically receive per month?

---

*Display This Question:*

*If Are you enrolled in CalFresh? = No*

Q22 Are you interested in learning about eligibility and/or help with applying for CalFresh? **NEW QUESTION**

- Yes (3)
- No (4)



# STREAMLINE

Q18 To learn how to garden and harvest fruits/vegetables, would you be interested in volunteering an hour each week at the CapRadio Garden on campus?

- Yes (1)
- No (2)
- Don't know (3)

Q19 To learn how to cook cheap, healthy meals, would you be interested in attending a cooking class at the WELL on campus?

- Yes (1)
- No (2)
- Don't know (3)

Q20 To use the ASI Food Pantry outside of our open hours, would you be interested in learning about our after-hours lockers?

- Yes (1)
- No (2)
- Don't know (3)

Q23 Are you interested in learning about other additional resources including: *(NEW)*

	Yes (1)	No (2)	Don't Know (3)
How to cook cheap, healthy meals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How to garden and harvest fruits and vegetables (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How to use the ASI Food Pantry outside of our open hours. (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



# STREAMLINE

## Survey Flow

Standard: Welcome and Eligibility Check (1 Question)  
Block: Name and OneCard # (4 Questions)  
Standard: Self-Reported Level of Food Security (7 Questions)  
Standard: Access to Resources and Referrals (14 Questions)  
Standard: How the ASI Food Pantry works! (1 Question)

## Survey Flow

Standard: Welcome and Eligibility Check (1 Question)  
Block: Name and OneCard # (4 Questions)  
Standard: Self-Reported Level of Food Security (7 Questions)  
Standard: Access to Resources and Additional Information (11 Questions) *(NEW)*  
Standard: ~~Access to Resources and~~ Referrals (~~14~~ 2 Questions)  
Standard: How the ASI Food Pantry works! (1 Question)

“Questionnaire needs to be well organized with appropriate section headings and similar questions grouped together-- this makes it easier for the respondents to focus on one area at a time.”  
(Drummond, 2023)



Start of Block: Access to Resources and Referrals

Q11 Have hunger or housing problems impacted your education and health?\_

Q12 Are you currently employed?

Display This Question:

If Are you currently employed? != Unemployed

Q13 How many hours do you work?

Q14 Do you use public transportation?

Q15 How often do you cook for yourself?

Q16 How would you rate your cooking skills?

Q17 Do you have a meal plan on campus?

Q18 To learn how to garden and harvest fruits/vegetables, would you be interested in volunteering an hour each week at the ~~CapRadio~~ Garden on campus?

Q19 To learn how to cook cheap, healthy meals, would you be interested in attending a cooking class at the WELL on campus?\_

Q20 To use the ASI Food Pantry outside of our open hours, would you be interested in learning about our after-hours lockers?

Q21 Are you enrolled in CalFresh?\_

If Are you enrolled in CalFresh? = Yes

Q22 How much in CalFresh benefits do you typically receive per month?

Q23 Please estimate how much you typically spend on groceries and basic necessities (food, toiletries, menstrual products) each month.

Q24 Where do you typically go to shop for groceries and basic necessities?

End of Block: Access to Resources and Referrals

Start of Block: Additional Information (NEW)

Q11 ~~Have~~ How has hunger ~~or housing problems~~ impacted your education and health?

Q12 Are you currently employed?

Display This Question:

If Are you currently employed? != Unemployed

Q13 How many hours do you work?

Q14 ~~Do you use public transportation?~~ What forms of transportation do you use?

~~Q24~~ Q15 Where do you typically go to shop for groceries and basic necessities?

~~Q23~~ Q16 Please estimate how much you typically spend on groceries and basic necessities (food, toiletries, menstrual products) each month.

~~Q16~~ Q17 How would you rate your cooking skills?

~~Q15~~ Q18 ~~How often do you cook for yourself?~~ How often do you buy your meals as opposed to home cooked meals?

~~Q17~~ Q19 Do you have a meal plan on campus?

~~Q24~~ Q20 Are you enrolled in CalFresh?

Display This Question:

If Are you enrolled in CalFresh? = Yes

~~Q22~~ Q21 How much in CalFresh benefits do you typically receive per month?

Start of Block: Access to Resources and Referrals **Moved Down**

Display This Question:

If Are you enrolled in CalFresh? = No

Q22 Are you interested in learning about eligibility and/or help with applying for CalFresh? **NEW QUESTION**

Q23 Are you interested in learning about other additional resources including: (NEW)



# CONCLUSIONS

What we kept:

- Majority of the Qs

What we took out/changed:

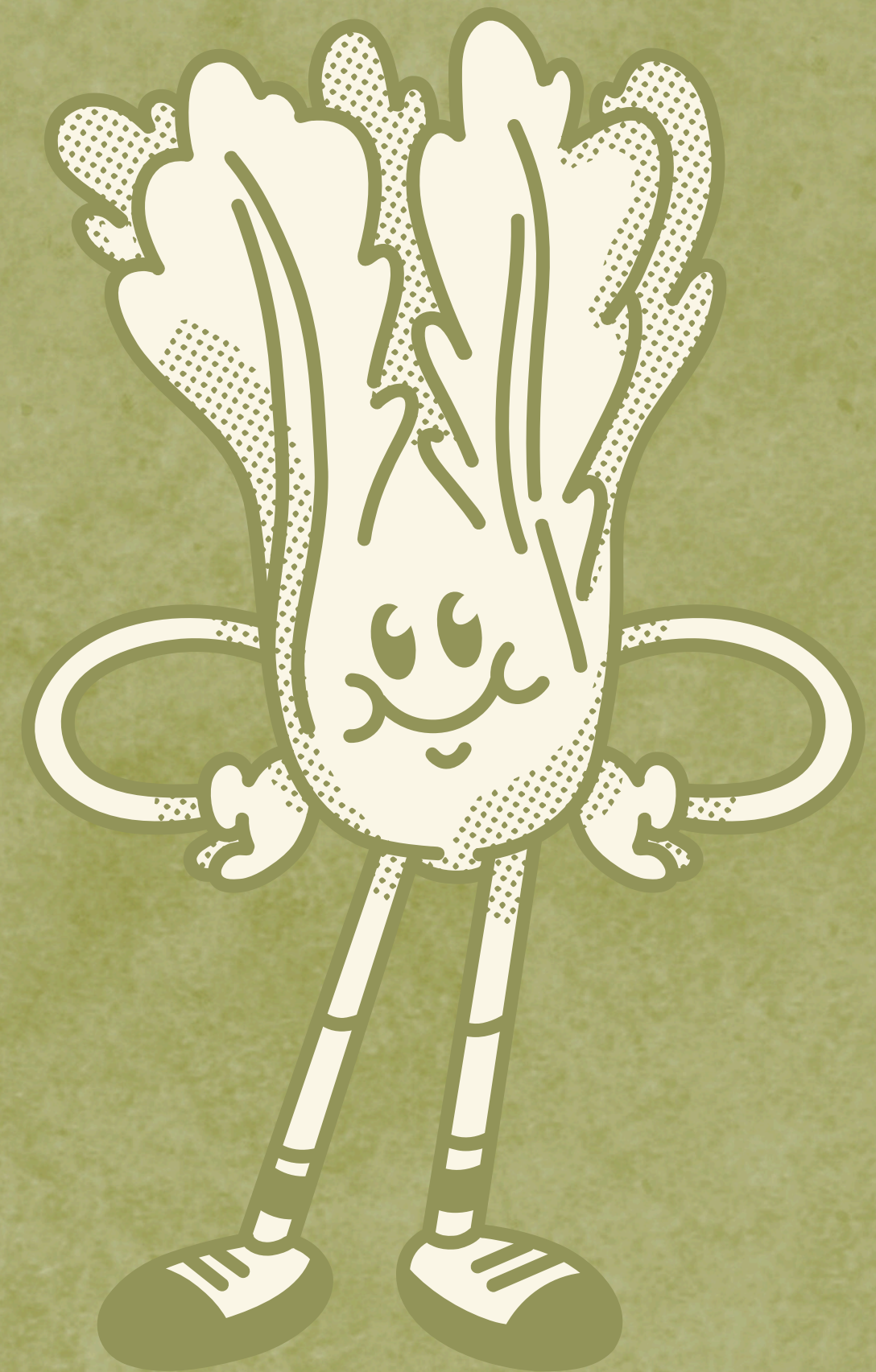
- Sequencing of question
- Grouped referral questions
- Double-Barrel Q, “or housing”
- Transportation Q & Cooking Q

What we added:

- CalFresh Outreach referral

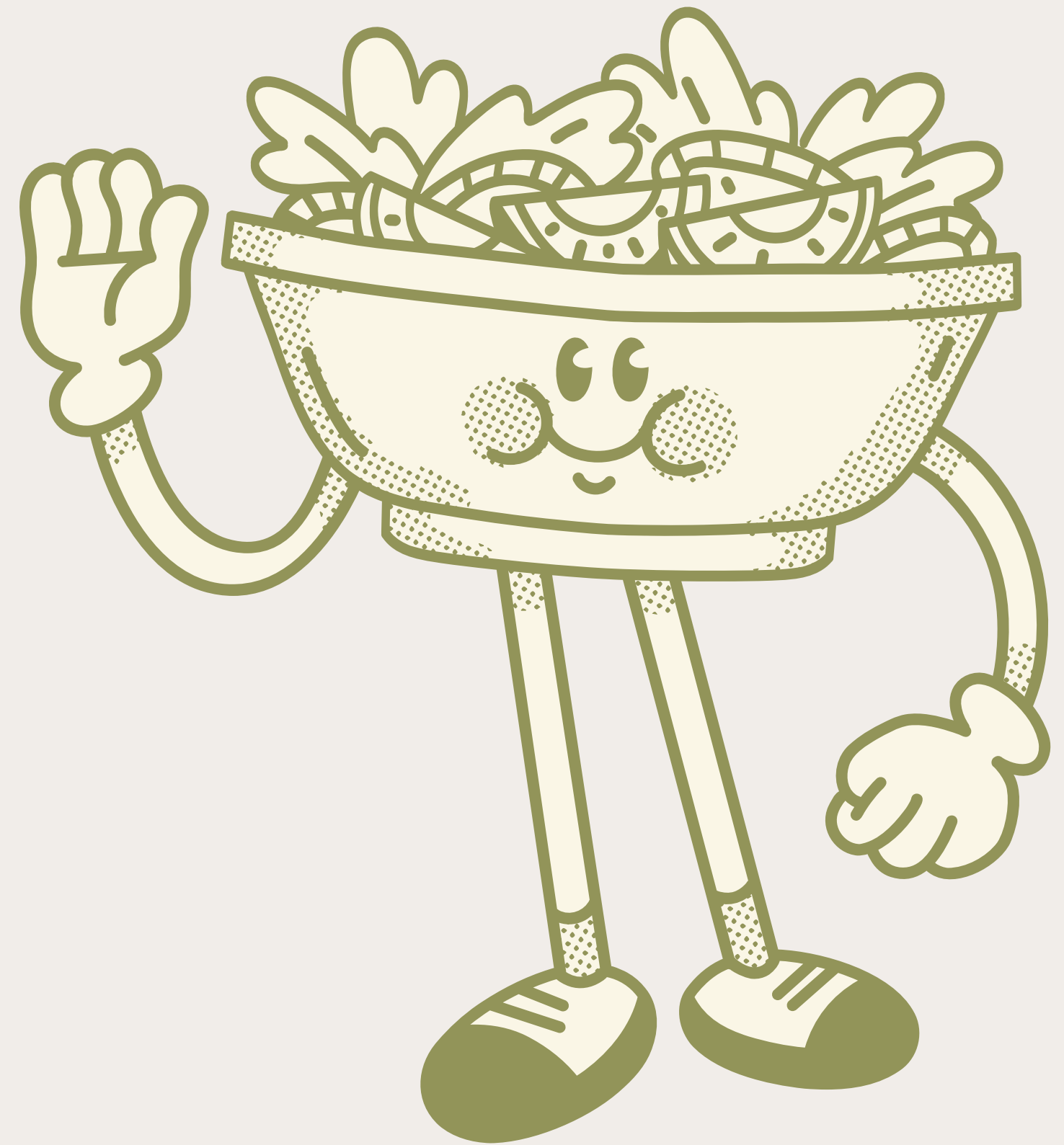
Considerations:

- Lack of research on frequency of administration
- Research on efficacy of USDA food insecurity scale for college students





**THANK  
YOU!**





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