

ISCORE Experience

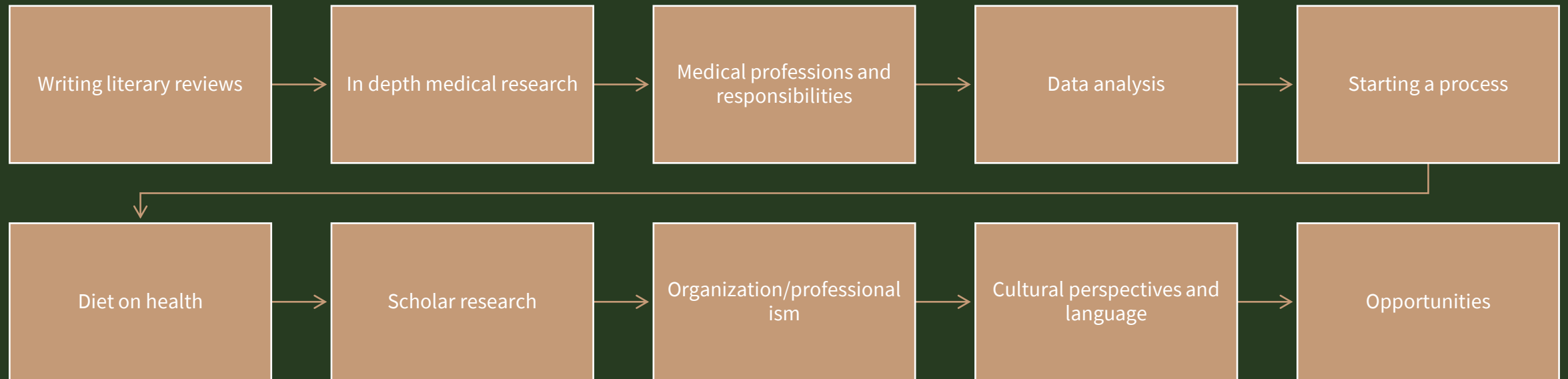
Kayanna Larson - Undergraduate Student

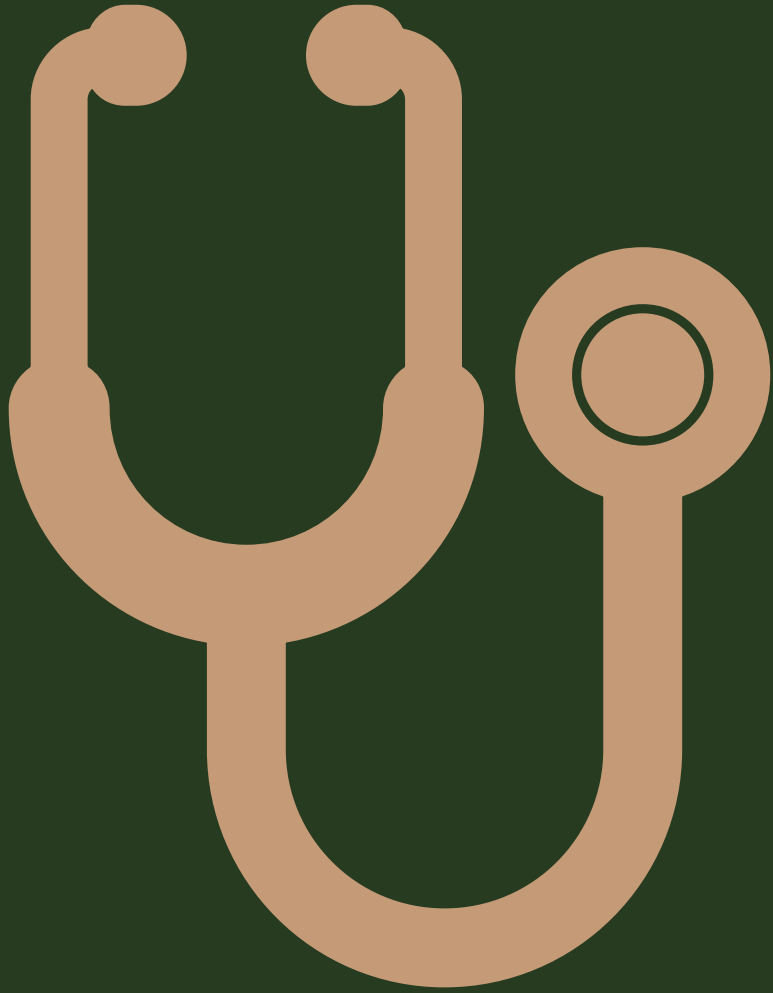
Catalina Vargas - International Scholar



8 Week Program Topics

Main focus: Areas she could offer insight into personal goals with her experience and expertise in pediatric cardiology as well as learning about her research





Pediatric Cardiology

- Reconstructive heart surgery
- Heart transplants
- Catheters for noninvasive surgery
- Heart diseases

Food Justice

Preventative health

Literary review

Writing Tip Series

How to get research published

Writing for scientific journals

La pediatria y la imaginacion como cura para la sobredosis de realidad -Catalina Vargas

El escepticismo como prinipio ideologico: de anomalia a diversidad -Catalina Vargas

Food security articles



Independent Research

- What do we know about historical impacts?
- What do we know about the health benefits of proper eating and growing food?
- What do we know to be difficult about having healthy food habits?
- Who has done research and what worked/didn't work?
- Describe the gap between public health and gardening, why is it there, why can/can't we fix it, what's being done, what can be done? Other patterns.
- Culture, accessibility, efficiency, sustainability, affordability, health, dietary restriction, diversity, dignity, autonomy.

Independent Studies

Meta analysis

Interventional

Drug intervention, clinical trials, mice studies

Observational

Cross sectional - analyzing population

Case control - two group comparison

Cohort - followed over time

Descriptive

Describing a case compared to other works (case study)

Observational study

Surveys

Tracking childhood exposure versus lifelong habits for different age groups

Organization

- Mendeley
- Pubmed
- PICOT
 - Population
 - Intervention
 - Control
 - Outcome
 - Time



Cultural Perspectives

America is not the only valid research

Different process for medicine in other countries

Rural residencies

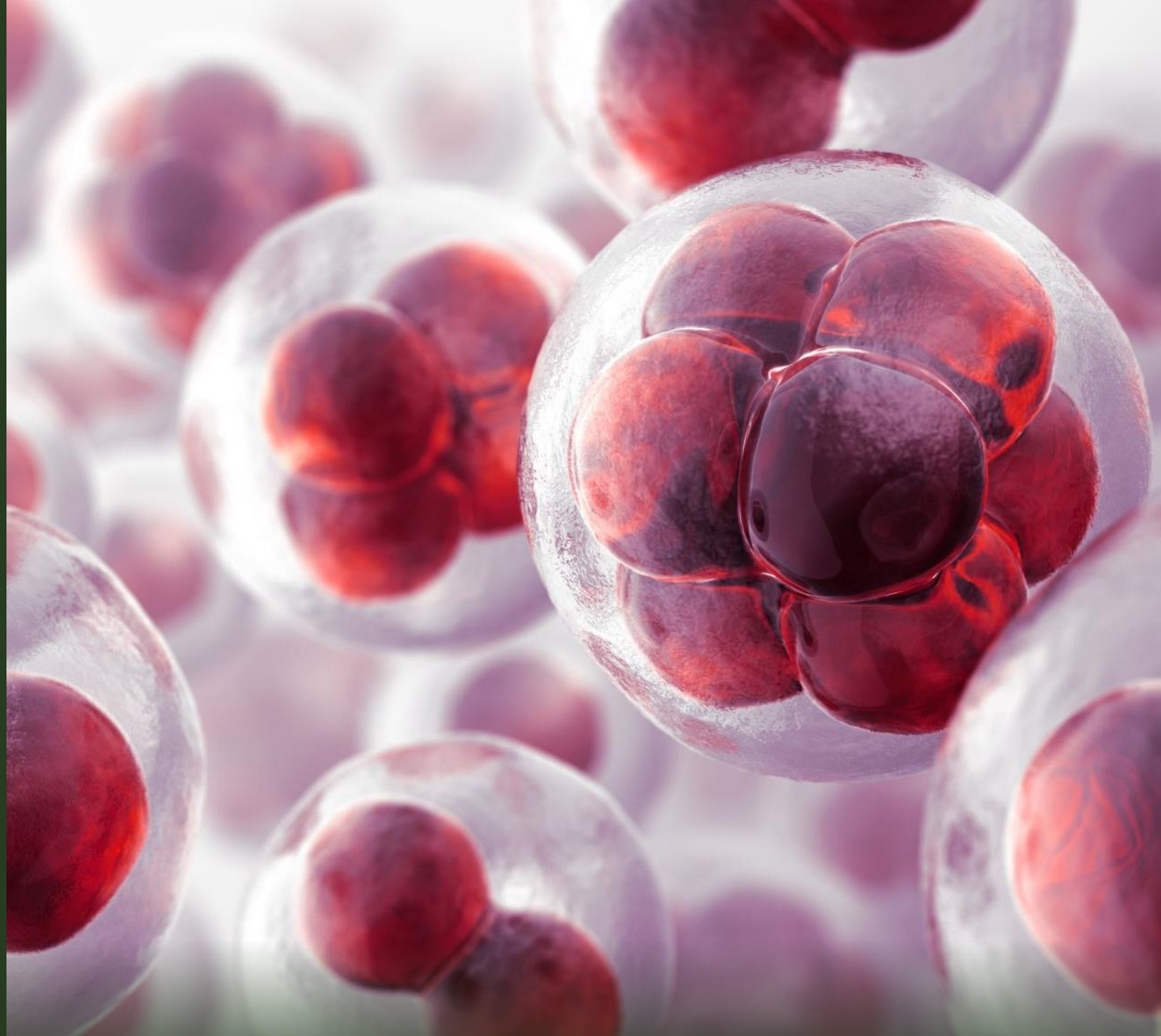
Reading research in Spanish

Medicine is not an exact science, theories can be disproven

Don't be afraid to think outside the box

Meeting With Nick!

- Cleft palate retainers
- Modified 3D printers
- Models of the organs
- Meeting with surgeons
- Human heart valve equivalent
- Growing cells in different geometric structures
- Architecture, stop motion, art, computer science
- Research writing process and review



Thank you to

Catalina Vargas, Cristina Cenciarelli, Nick Jacobson, Liz Evans, Scholars, Students, etc

