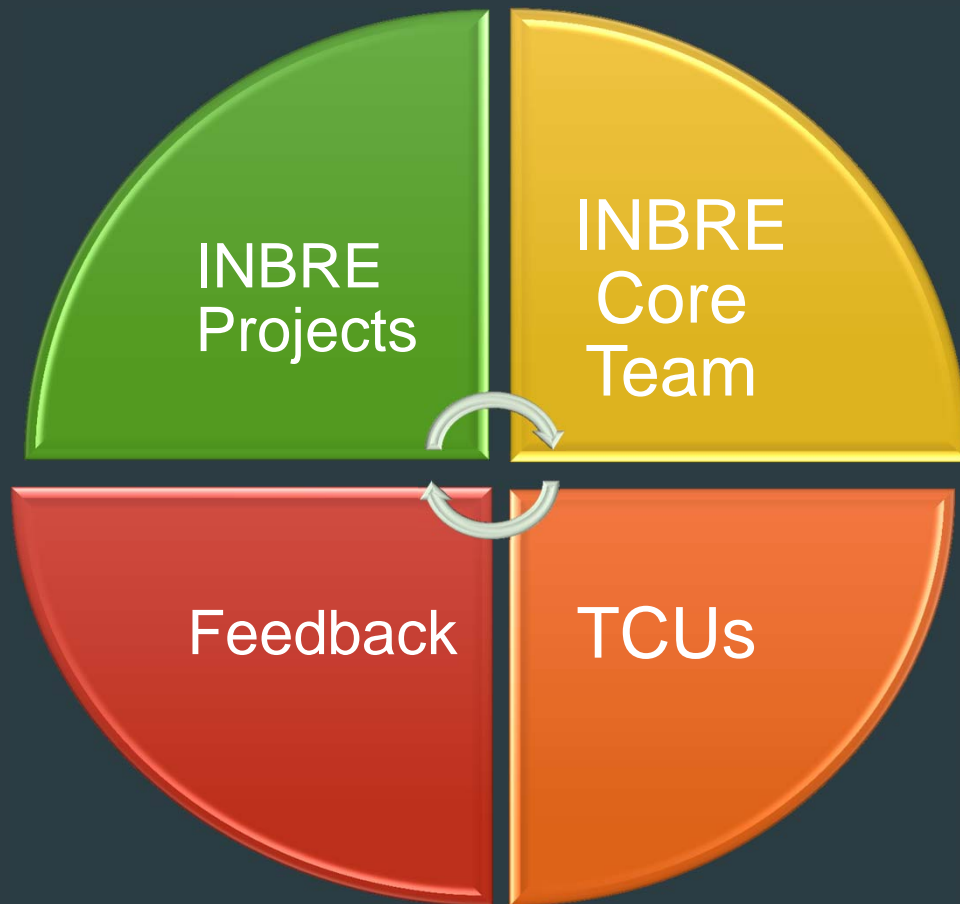


# Summer Undergraduate Research Program 2015

NDSU INBRE

SURP program supported by NIH under award number P20GM103442. The information provided is the sole responsibility of the authors and does not necessarily represent the official views of NIH.



**Goal:**  
Increase the representation of ND AIs in research

- Key Values:**
- Respect
  - Transparency
  - Motivation

# Goals and Objectives

2015 Recruitment goal : Recruit 10 TCU students

2015 Program Goals		2015 Program Objectives	
1	Engage and interest TCU students in research	1.1	Host research presentations by NDSU-UND Faculty and Staff
		1.2	Increase interest in research through lab tours and hands-on activities
2	Increase understanding of research methods	2.1	Research Seminar/Lectures
		2.2	Scholar Research Proposals
3	Gain knowledge of successful studying strategies	3.1	Host workshops that focus on student development
4	Meet future mentors	4.1	All Faculty and Staff involved in SURP are available as future mentors

# SURP 2015

- ▶ Total of **8 students** (9 including VCSU student)
- ▶ **2 Weeks**, housing, meals, **stipend**
- ▶ **Partnership** with NATURE
- ▶ Lab tours and **hands-on** activities
- ▶ Research presentations: **Indigenous perspective**



Bernhardt Saini-Eidukat, Ph.D.  
Field Research



Nathan Fisher, Ph.D.  
Microbiology lab



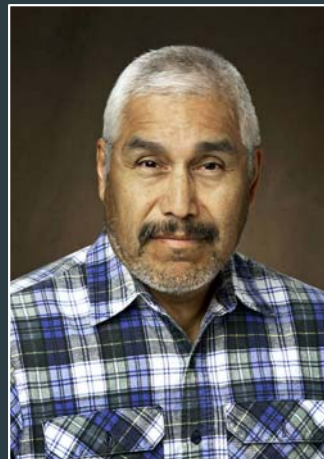
Dr. Denise Lajimodiere

Dr. Donald Warne



Dereck Stonefish

Richard Langdeaux

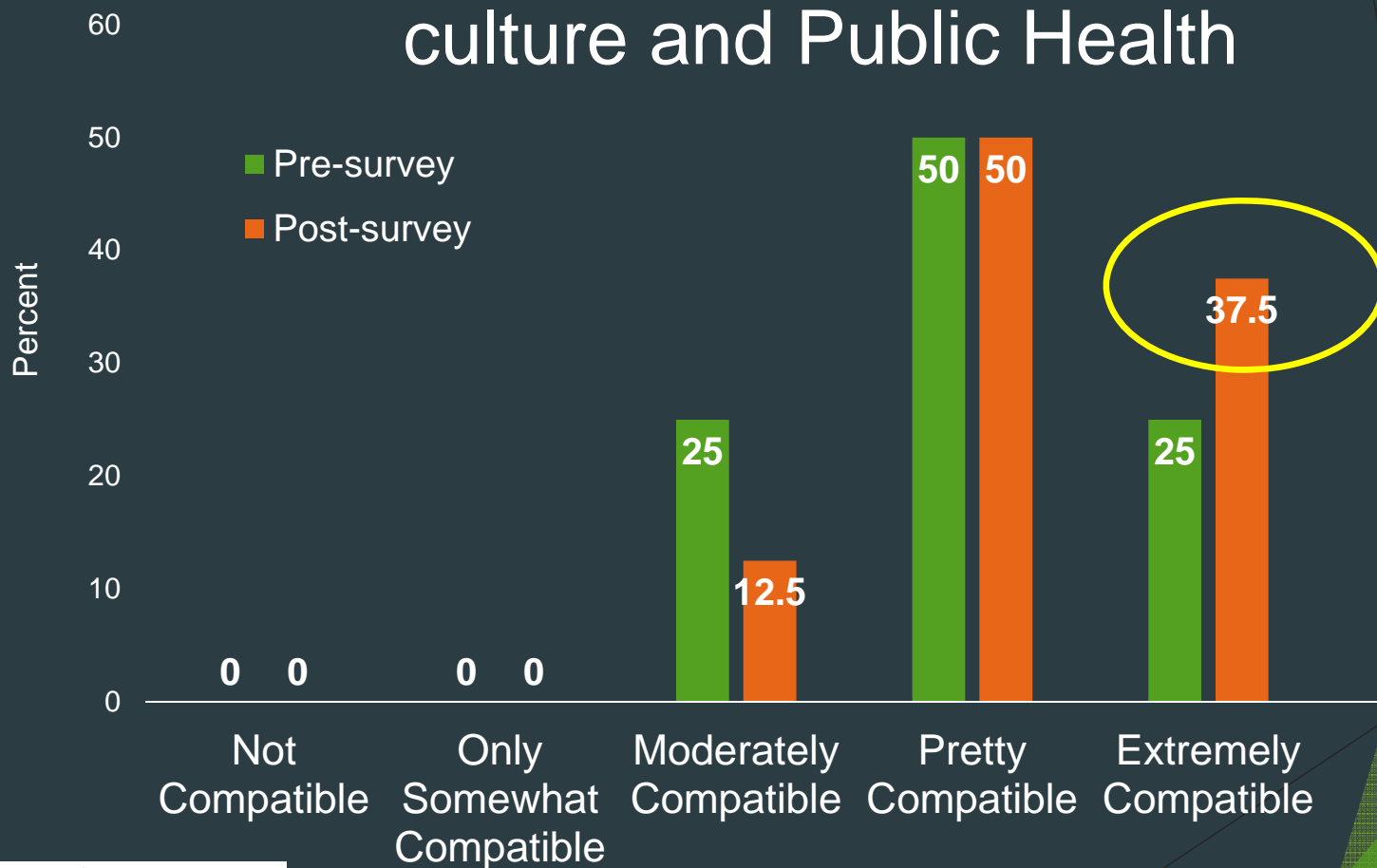


Dr. Michael Yellowbird

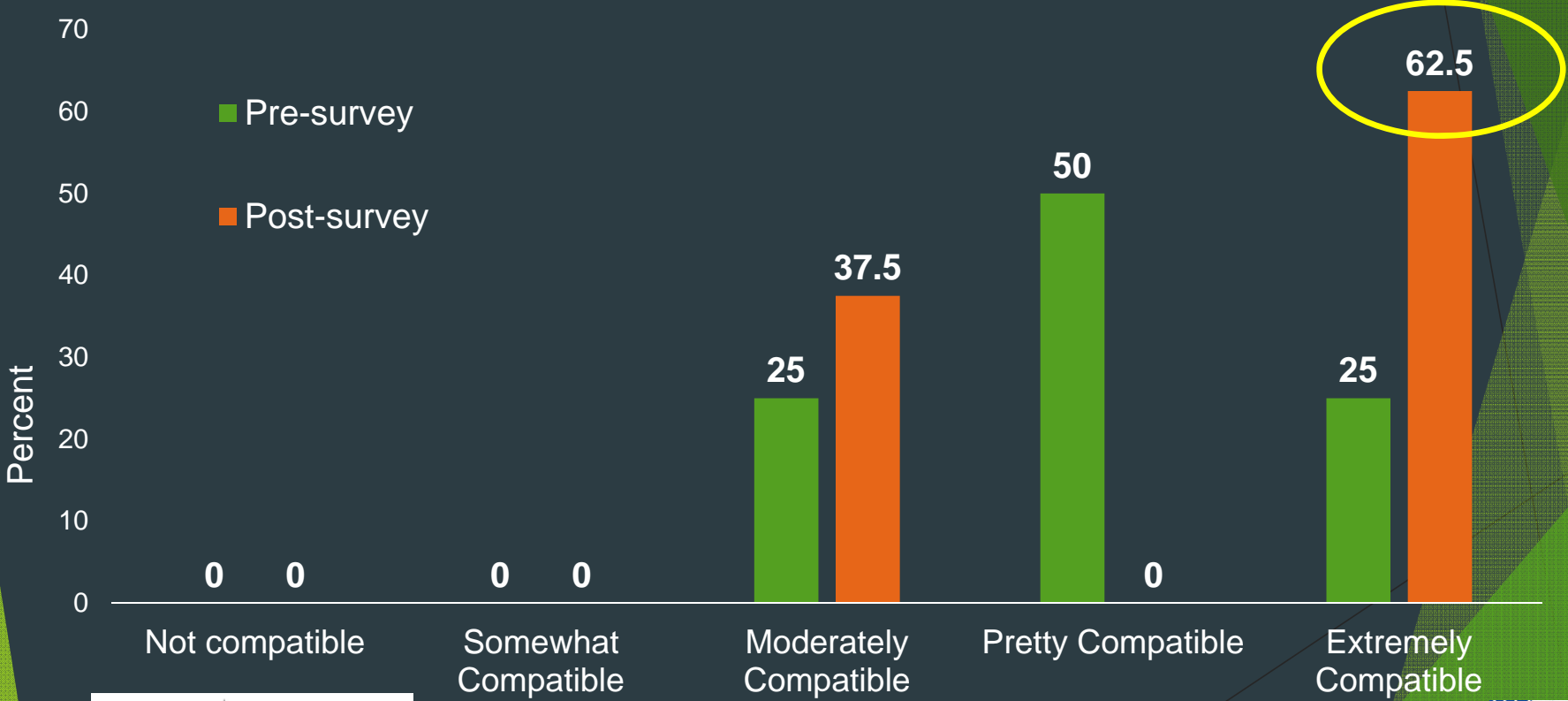
Melanie Nadeau



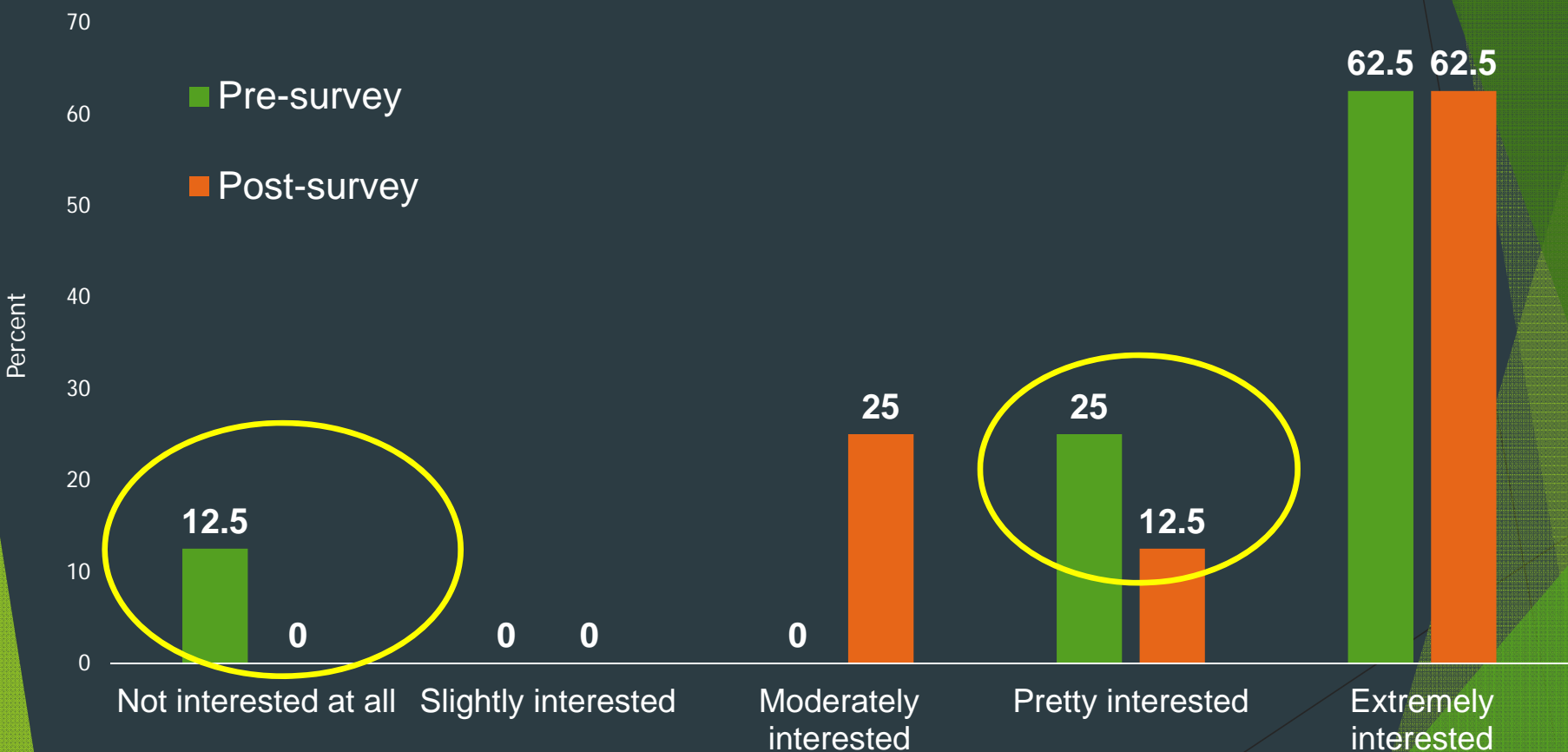
# View of Compatibility between Native American culture and Public Health



# View of Compatibility between Native American culture and STEM research

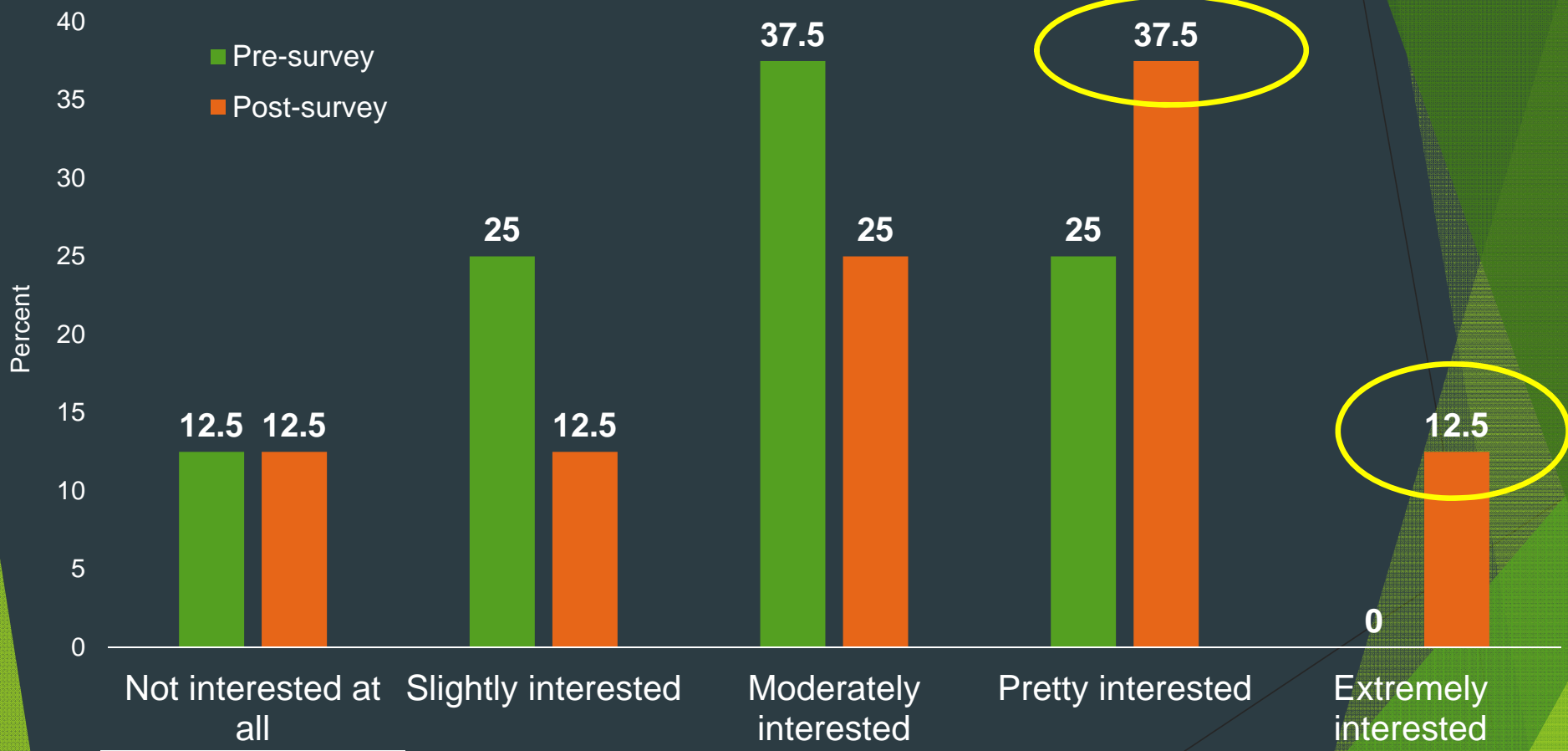


# Interest in STEM Research





# Interest in a Public Health Career



# Most Valuable Things Learned

“Learning more about the opportunities I have out there”

“I learned more about research and public health.”

“How to think outside of the box”

“The tours of NDSU campus because I will be going there this fall.”

# Would you recommend SURP to your peers or other students interested in learning more about research?



Response: **6 out of 8** said “Yes”

# Student Responses

- ▶ **Confusion** between NATURE and SURP student protocol
- ▶ **Not enough time** designated for research proposal
- ▶ There should be **more research related workshops**
- ▶ **Should be targeted** for students interested in the medical field
- ▶ Too many lab tours
- ▶ Program advisor could use **more help**

## WEEK 1:

### Curriculum

- Orientation
- Research 101
- Research Seminar
- Journal Club
- Indigenous Methodologies
- Research Topics
- Lab Tours

### Student Development

- Communication Skills
- Professional Development
- Research Careers
- Grad School 101
- Transfer Information
- Team Building
- Dinner & Social

### Proposal

- Proposal Workshops
- Proposal Writing

## WEEK 2:

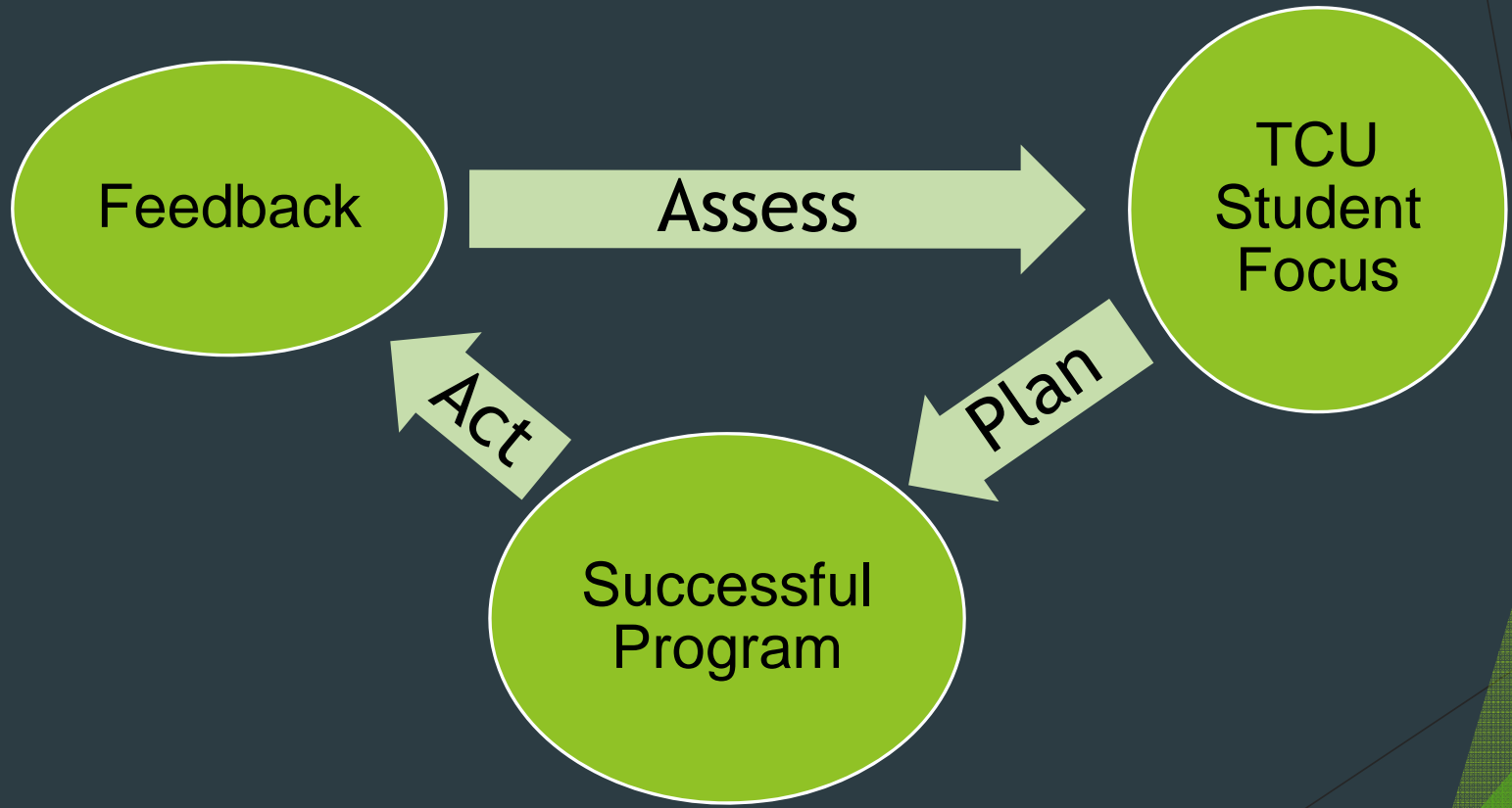
- Journal Club
- Research Topics
- Assigned Lab
- Computer Lab

- Communication Skills
- Professional Development
- Team Building
- Presentations

- Proposal Writing
- Presentation Prep

←-----More activities-----Less activities-----→

# Improving the Program for 2016



# Comments?

Pearl Walker-Swaney,  
[pearl.walker@ndsu.edu](mailto:pearl.walker@ndsu.edu)

Dereck Stonefish,  
[dereck.stonefish.2@ndsu.edu](mailto:dereck.stonefish.2@ndsu.edu)

Vanessa Tibbitts,  
[vanessa.tibbitts@ndsu.edu](mailto:vanessa.tibbitts@ndsu.edu)

Allison Goldenstein,  
[Allison.Goldenstein@ndsu.edu](mailto:Allison.Goldenstein@ndsu.edu)



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