

BEYOND THE CLASSROOM: USING OUR STRENGTHS TO ENHANCE OUR EFFORTS AT RESEARCH

Diane Habash, PhD, MS, RD
Colleen Spees, PhD, MEd, RD

PURPOSE OF STUDENT RESEARCH TEAMS

- To create a dynamic & engaging environment that fosters faculty research by including and mentoring undergrads & grads interested in obtaining research experience and by promoting a thriving sustainable model lab where academic research thrives




DYNAMIC CREATIVE PROCESS: PART 1

- Assess Student & Faculty Needs
 - Define Your Environment
 - Medical Dietetics & Health Science
 - Research + Teaching + Service
 - Biggest Challenge - RESEARCH
 - Work "Smarter" NOT "Harder"
- Student Needs
 - Research for Résumé
 - Experiential Learning

DYNAMIC CREATIVE PROCESS: PART 2

- Develop a Plan and Envision Possibilities
 - What is the Purpose?
 - What Does Your Research "Lab" Look Like?





DEFINE & NAME YOUR "LABORATORY" ...AND YOUR RESEARCH QUESTIONS

- Food Lab
- Community Lab
- Learning Lab
- Food Science Lab
- Food Safety Lab
- Health Impact Lab



DYNAMIC CREATIVE PROCESS: PART 2

- How Can Students 'Fit' into Your Lab
 - Tasks
 - Abilities
 - Impact
 - Barriers



OUR CREATIVE PROCESS

- Keep it Simple!
- Created Application Process
 - Students Read Definition of Each Lab
 - Submit an Essay ("I can make a contribution to this lab because...")
- Faculty Read and Discussed Submissions
 - Distributed Students Across Labs
- Hosted Communications
 - Lab 'Team' Meetings
 - Website

Sample of Communication with Student Teams

NUTS & BOLTS

- Baseline Education & Training
 - CITI/COI Training?
 - ServSafe?
 - Lit Reviews?
 - Sensitivity Training (Kay Wolf/Anita Morgan)
- Frequent and Consistent Contact
 - Monthly Meetings - Both Large & Small Teams
- Defined and Manageable Tasks

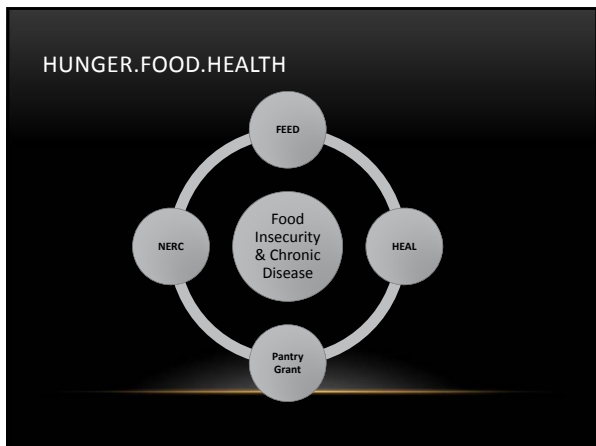
Sample of Operational Issues

USING COMMUNICATION TECHNOLOGIES

- Journal Club
- Guest Speakers
 - Past Students
 - Community Partners
 - Grad students
- Conversation Technologies
 - World Café
 - Wicked Questions
 - Storytelling
- Rotating Leadership
- Appreciative Inquiry

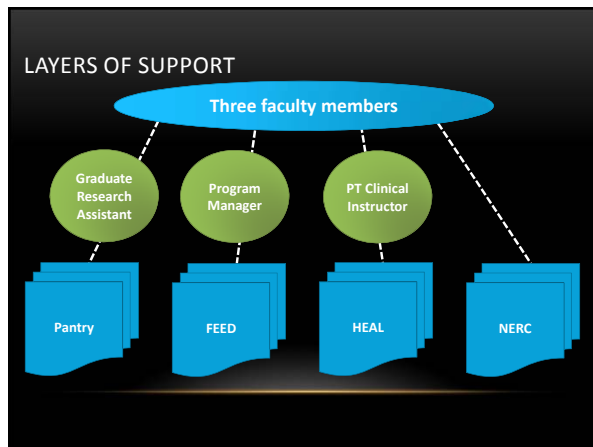
For Appreciative Inquiry <http://www.youtube.com/watch?v=8t8teujLMPk>
 Accessed March 21, 2013.

Beyond the research? An impact on our student teams?



- ### OUR SUCCESS STORIES
- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>Traditional</u></p> <ul style="list-style-type: none"> • Lit Reviews • Study Recruitment • Data <ul style="list-style-type: none"> • Capture • Entry • Analysis • Graphing • Reporting | <p><u>Nontraditional</u></p> <ul style="list-style-type: none"> • Food Packing & Distribution • JEM Videos • “Fresh Market Babies” <ul style="list-style-type: none"> • Recipes & Taste Testing • Nutrition Posters for Fresh Market • Food Use Survey • Website <p>http://heal4all.moonfruit.com/</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- ### OUR OUTPUTS & OUTCOMES
- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>Students</u></p> <ul style="list-style-type: none"> • Grew from ~15 to >55 Students • 2 Students Hired post graduation • Repeat Students • Increased Exposure <ul style="list-style-type: none"> • Posters • Presentations • Theses | <p><u>Faculty</u></p> <ul style="list-style-type: none"> • Increased Community Collaborations <ul style="list-style-type: none"> • Preceptors • Partners • Grants • Increased Exposure <ul style="list-style-type: none"> • Local & National • Publications • Preliminary Data • Individual vs. Team Management |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



- ### RESEARCH WITHIN THE RESEARCH
- How Can We Create More Research/Learning Opportunities?
 - Number of Students Hired
 - Continued Volunteerism
 - Reported Perceptions
 - Students/Faculty/Community Partners
 - Self Efficacy and Empowerment
 - Track Barriers
 - Word Clouds
- 

- ### LESSONS LEARNED
- Up Front Investment
 - Make Time for Planning
 - Team Work Can Be Beneficial
 - Split Faculty Time
 - Increased Faculty Awareness
 - Students are More ‘GO!’ Than ‘Whoa’
 - Define Tasks and Timelines
 - Active Learning Opportunity
 - Dive into Your Lab!
- 

