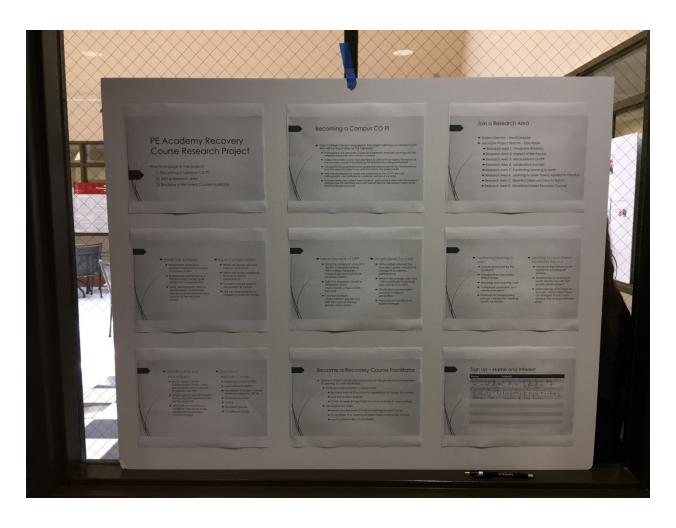
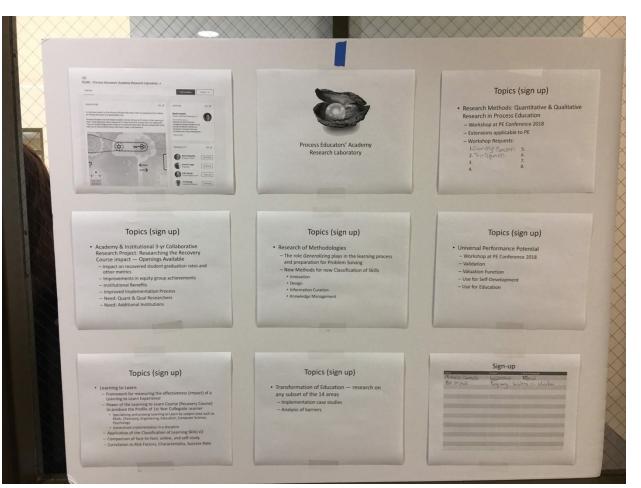
# 2018 PE Conference Hall of Innovation Posters/Entries

- 1 Erie, Pennsylvania
- 2 Gannon University
- 3 PE Academy Recovery Course Research Project
- 4 Process Educators' Academy Research Laboratory (PEARL)
- 5 Introductory Chemistry Online Boot Camp
- 6 International Journal of Process Education (IJPE)
- 7 PE Conference Planning
- A Contextualized Learning to Learn Camp as a Retention Strategy for Nursing Student Retention and Their Perception of Acquired Skills
- 9 Hashtags, pinterest, and YouTube: Speaking the Language of the millennial Student
- A Contextualized Experience as a Retention Strategy to Improve Program Completion Rates, NCLEX Pass Rates, and Diversity of Students in an Associate Degree and Practical Nursing Program
- 11 Levels of Learning: A Practical Look
- 12 Increasing Ownership and Efficacy
- 13 Strategies for Building Buy-In of Process Education on Campus Using John Kotter's 8-Step Change Model
- 14 Voices of Novices: Insights from Process Education Workshop
- 15 Approaches to Generate Student Buy-in
- Will the Current Learning Analytics Data be Helpful to Solve the Challenges of Gen Z's Education?
- 17 Would You Like to Ensure Academic Success?
- 18 UIndy Elementary Education STEM Curriculum
- 19 The Thrill is Gone: The Declination of Passive Learning and the Need for Effective Classroom Strategies for iGen
- 20 Specifications Grading -- The Woodbridge Way
- 21 Using Cognitive Load Theory (CLT) Based Problem Sets to Improve Problem Solving Skills in General Chemistry Courses
- 22 Innovations in Teaching Marketing Strategy
- 23 Getting Started with Open Education Resources
- Learning to Learn Engineering: Why is it critical?
- 25 2018/2019 Academy of Process Educators Online Professional Development: A Review of the Articles in the 25 Year Edition of IJPE
- 26 Mixing Oil and Water: Classroom Activities for Quantitative Introductory Courses
- 27 Curriculum Development & Outcomes of the LECOM Master of Science in Medical Education Program
- 28 Academy of Process Educators Annual Assessment System Report 2017/2018
- 29 Anchoring and Decision Bias: A Failure to Disregard
- 30 The Arduous Journey for Achieving Equity in Special Education
- 31 Learning to learn with a Large Lecture Course: Supplemental L2L Workshops
- 32 Leadership Strategies: A Reflective Practice













UNIVERSITY

### George W. Dombi

Chemistry Department, University of Rhode Island, Kingston, RI 02881, USA

#### ABSTRACT

A pre-semester Boot Carry of 6 min-lessors was made available to all subseria in CHM 103 introductor) commandy in Sasial tower between the same properties of the same properties of the same properties between the same properties of the same properties of the same properties between and general students did equally well in the 9-day Boot Carry between the Same properties of the 9-day Boot Carry when taking or not taking the Boot Carry, 8-day Boot Carry reduced Exam 1 socies, but higher flast socress compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socress compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socies compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socies compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socies compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socies compared to 8-day Boot Carry but produced Exam 1 socies, but higher flast socies compared to 8-day Boot Carry but produced Exam 1 socies, but the socies of the socies produced Exam 1 socies, but the socies of the socies produced Exam 1 socies, but the socies of the socies produced Exam 1 socies

#### INTRODUCTION

CHM 103 Introductory Chemistry service about 1000 students each acidemic year. Students are mostly freshman and come from a number of different majors with a wide array of academic skills. Apresemester Boot Camp consisting of 9 mini-lessons was setup on Sakal and opened to all students in the hope that this would help start the

#### MATERIALS and METHODS

The Boot Camp was setup oriline, in Sakal, 10 days prior to the Fall 2016 semester with 5 min-lessons and with 9 min-lessons in Fall 2017 Each lesson contained a 20-300 word written pragraph, but a video and a pool of 7 questions, which could be taken up to 10 times. Both Boot Camps were concluded with a capstone practice exam that was statistically evaluated as a predictor of the score on

A statistical comparison between the Talent Development Schola and the rest of the class will be made using T-Test analysis, with a critical p <= 0.05 set for significance.



Figure 1. Solan bassed CHM 103 Boost Camp, Fall 2016, with 5 pro-sententer leasures, followed by a practice exame. About 167:1403 student tenk some or all of the boost camp, which is about 91% participation.

#### RESULTS Fall 2016

2016 class: pearly 91% participated in

There were 403 studi some or all of the Boot	Camp The camp	was worth 21 po	ints.
some or all of the Boot	Boot Camp Score (21pts)	Score (100pts)	Final Exam Score (200pts) 135.4 ± 16.2
Talent Development 40 (35 BC / 5 no)	15.5 ± 3.9 (n = 35)	69.6 ± 12.0 (n = 40)	(n = 34)

There was no difference in the Boot Camp scores in the Talent Development Scholars or in the General Students. There was a statistical difference between the two groups on Exam 1, TDNG was 11% lower, and the First Exam TDNG use 9.2% lower.

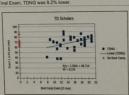


Figure 2. There were 40 Talent Development students who took Exam 1. Of these 35 took all or part of the Boor Camp, which is 18% periologistion. These TENG students had an average soon of 65.5% on Exam 1. The remaining 5 TDNG students did not take are more of the Boor Cam and had an average soon of 10 8% on Exam 1. The semanting 5 TDNG students did not take are more of the Boor Cam and had an average soon of 10 8% on Exam 1. The semanting 5.

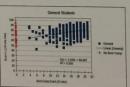


Figure 3. There were MAI General renders who took Exam 1. Of these 332 took all or part of the Boos Camp, which is 91%, participation. These General renders had an revenue sects of 79.2% on Exam 1. The remaining 31 general renders and not take one not of the Boos Camp, which is 91% one not of the Boos Camp, which is 91% one not of the Boos Camp, which is 91% on the section of the Camp and when the Camp and the Boos Camp, which is 91% on the Samp and the Sa

#### RESULTS Fall 2017

There were 307 stude	nts in Fall 2017	class; nearly 96%	6 participated in	
some or all of the Boo	Root Camp	Exam 1	Final Exam	
Talent Development	Score (25pts) 17.9 ± 8.2	Score (100pts) 60.9 ± 15.6	Score (200pts) 132.1 ± 35.8	

Talent Development	17.9 ± 8.2	60.9 ± 15.6	132.1 ± 35.8
26 (24 BC / 2 no)	(n = 24)	(n = 26)	(n = 25)
General Students 281 (270 BC / 11 no)	19.4 ± 6.5 (n = 281)	73.9 ± 13.9 (n = 281) p < 0.001	

There was no difference in the Boot Camp scores in the Talent Development Scholars or in the General Students. There was a statistical difference between the two groups on Exam 1, TD was 18% lower, and on the Final Exam, TD was 9,7% lower.

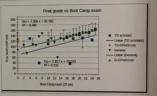
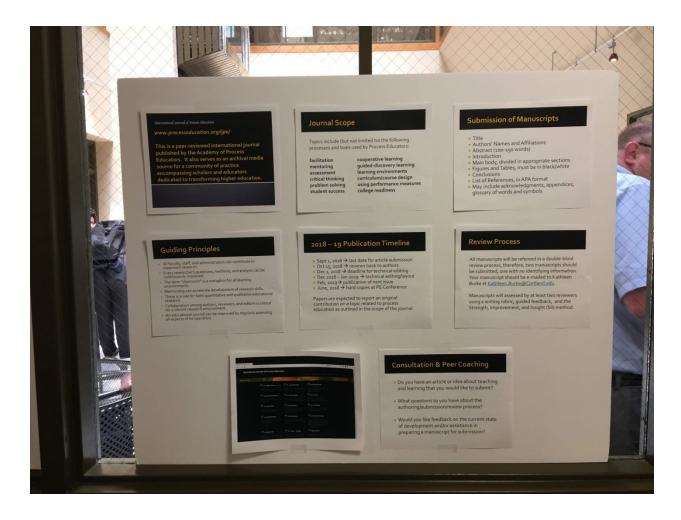


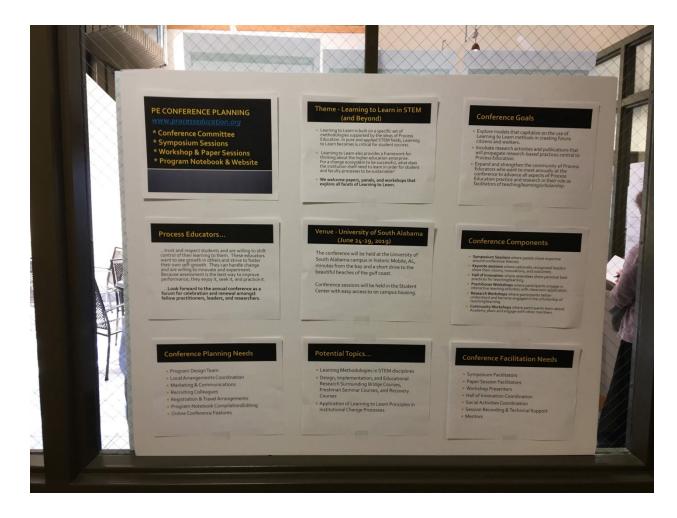
Figure 4, %-day Boot Camp vs Final exam. There were 26 Talent Development scholars who took Exam 1. Those 24 took all or part of the Boot Camp, which is 5% perfutipation. TD Scholars had an average score of 6.0% on Final, which is not different from 5-day Boot Camp TD scholars, 6.75%. Genoral students scored 73.1% on the Final which was a significant improvement from 5-day Boot Camp.

#### CONCLUSIONS

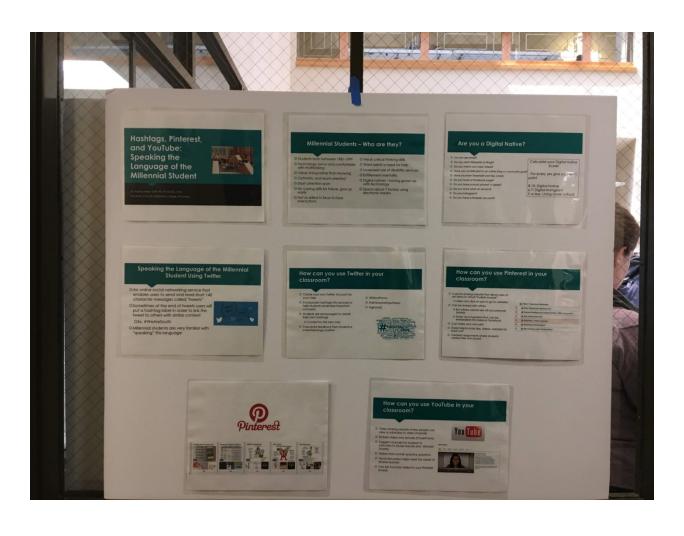
There was little if any effect of the Boot Camp on helping the TD scholars either in Exam 1 average grade or Final exam average grade when compared to the general student population. Even though both groups of students did equally well in scores during the boot camp, the general students scored hinher in Expression.

Students who score high in the Boot Camp, tended to score high on the final. General students scored higher on the final exam after the 9-day Boot Camp compared to the 5-day Boot Camp.

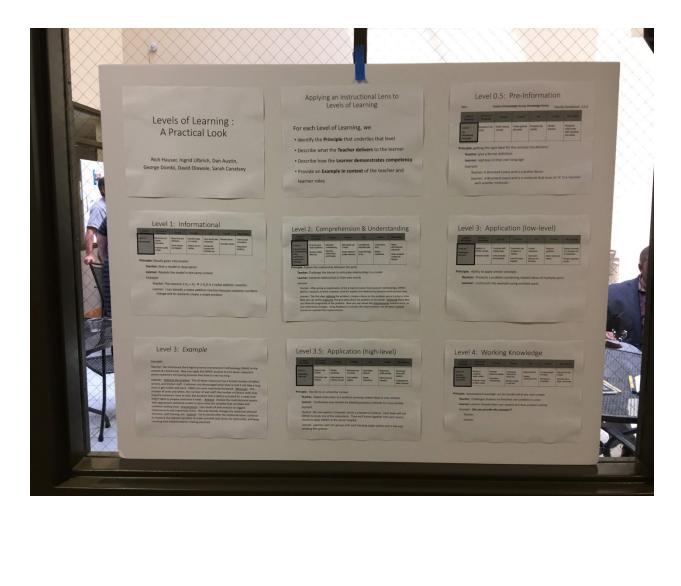


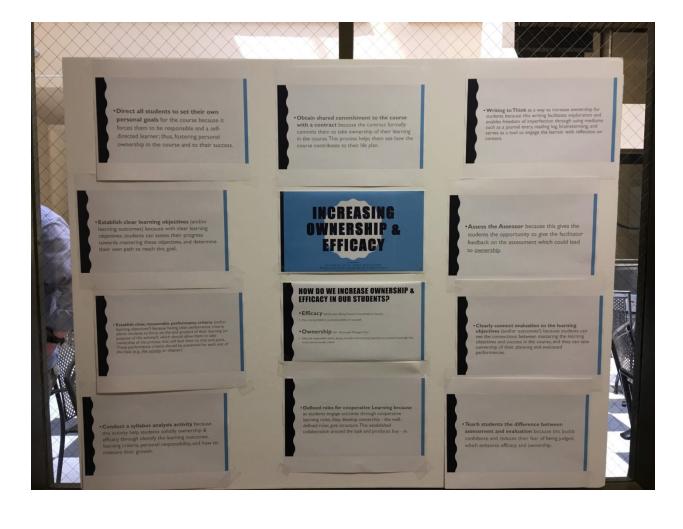












### Strategies for Building Buy-In of Process Education on Campus Using John Kotter's 8-Step Change Model

#### Introduction

when

Inspiring change on college and university campuses is difficult. The Silver Medal team asked Dan Apple how to approach institutional leadership in a way that will promote change in process education.

In response, he asked us to develop 15 strategies for promoting change to share in a poster session. After researching ways to present our strategies, we decided to use John Kotter's 8-Step Change Model as a framework to present our strategies.

- Empowering Others to Act on the Vision
   educate faculty, staff and administration on the vision
   -create learning environment, culture
   provide support and resources to implement Process
   Education

### 6. Planning for and Creating Short-Term Wins

- Establishing Sense of Urgency
   show problems with current processes (e.g., student performance, exit data)
   show data with percentage of courses delivered by lecture formest
   show that Process Education is an alternative to improve student performance

- 2. Forming a Powerful Guiding Coalition

- 7. Consolidating Improvements and Producing Still More Change
   develop assessment process to measure success
   give feedback
   modify plan to continue removing obstacles and improving student success

- Institutionalizing New Approaches
   identify any additional resources (people, structures, money) to sustain the vision
   scale up/replicate vision throughout campus

Bely down

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reference;

lecture-

- Creating a Vision
   create a vision of high performing students
   develop strategy
   set clear goals with consistent language

- 4. Communicating the Vision

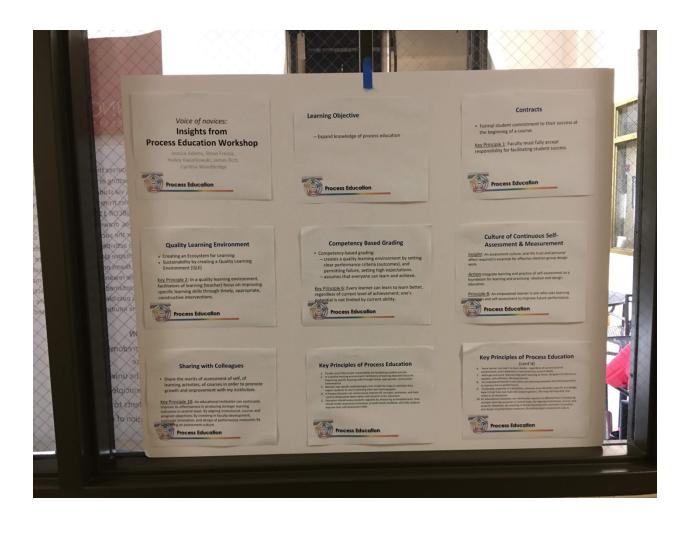
   get buy in, commitment

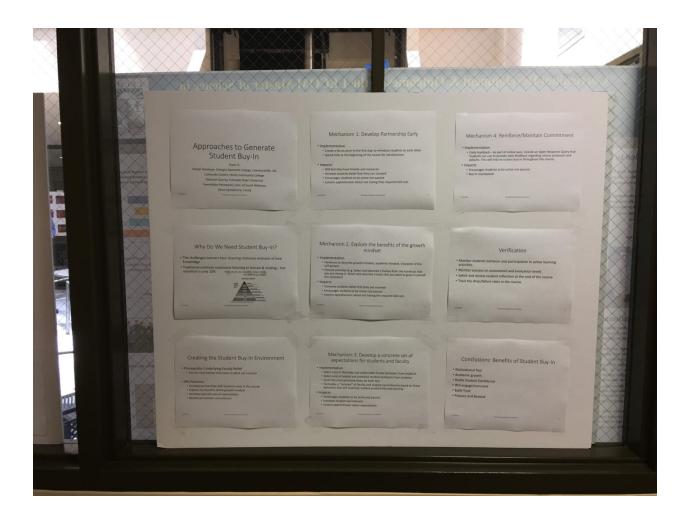
   give demonstration class for faculty, staff and administrators, invite to Recovery Course

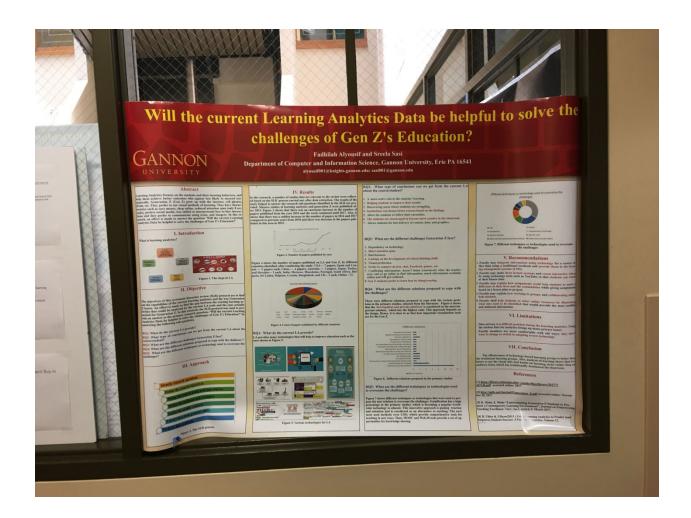
   work with Communications and Marketing to share the message.

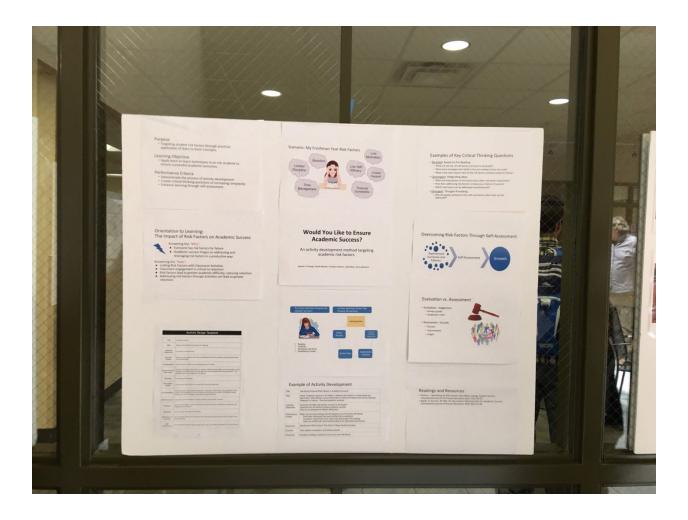
#### Conclusion

In general, people are resistant to change because of habit, fear, not realizing the need to change, or the effort required to change.









## UIndy Elementary Education STEM Curriculum

Steve Spicklemire, Libby Turner, Nancy Steffel
Shaheen College of Arts & Sciences + School of Education @ University of Indianapolis

#### Design Process

Arts & Sciences collaborated with Education to for mulate a new El. Ed. curriculum

Started out with traditional "silo" framework.
(top, Fig. 1)

Ended up with integrated STEM curriculum. (bottom Fig. 1)







### What are the benefits?

Semester	STEM Courses	EIEd Courses + Field Experience
Year 1, Sem II	ENGR 101: Engr. for Education SCI 101: Staying Alive with Science	ELED 151: Psychology of Learning ELED 152: Multiple Literacies
Year 2, Sem I	MATH 208: El.Ed. Math I, Number SCI 201: Cosmos & Solid Earth	ELED 202: Univ. Design for Learning ELED 203: Literacy Lesson for STEM EDUC 272: Exceptional Learners
Year 2, Sem II	MATH 209: El.Ed. Math II, Stats SCI 251: Diagnosis & Med. Tech.	ELED 251: Learners & Motivation ELED 252: Designing & Teaching STEM for All Learners
Year 3, Sem I	MATH 210: El.Ed. Math III, Geometry SCI 301: Science of Health & Nutrition	ELED 302: Multi-tiered Systems ELED 303: Inclusion & co-teaching
Year 3,	SCI 351: GeoBiology & the	ELED 351: Transdisciplinary Ed.

#### Figure 2: Course Sequence/Grid



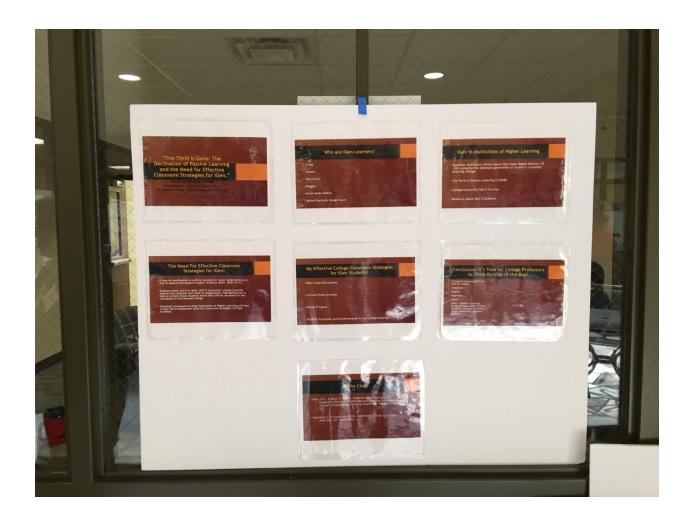
#### NGSS Domains

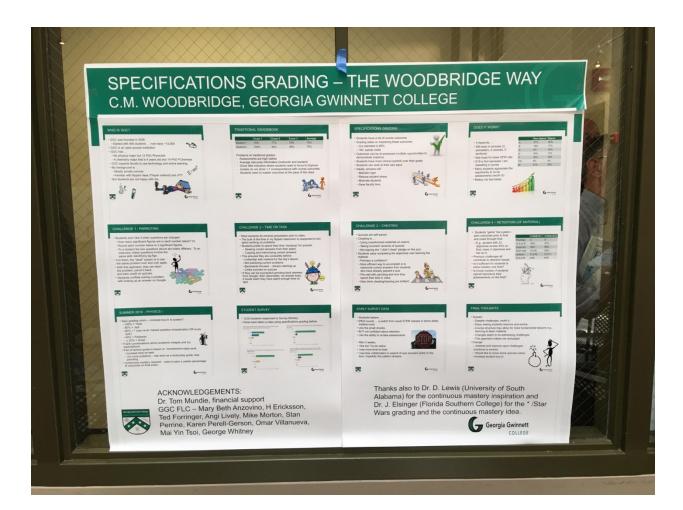


SCI 201: The Cosmos and the Solid Earth: course introduces students to the methods by we we develop understanding of the history of the verse. Specific emphasis will be on the forms of our solar system and particular properties o

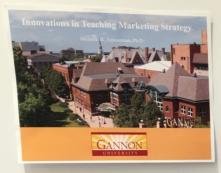












Client-Based Projects in a Graduate Strategic Marketing Management Course

• Team building skills

### First Week

- · Background
- Product or service offerings
- Competitors and competitor strategies
- Research the industry
- · Prepare questions for client meeting
- Sign confidentiality agreement

### Formal Presentations of Marketing Plans

- Letters requested from client organizations to indicate level of satisfaction with marketing plan recommendations

#### Marketing Plans

- · Climate analysis
- · SWOCh
- Target market and market segmentation
   Alternative marketing strategies
- Data and support for marketing strategy and implementation
- Short-term and long-term recommendations
- · Contingencies

#### Assessment

### Client-Based Projects in a Graduate Strategic Marketing Management Course Clients

Student Teams

 Problem solving skills University:
- Build relationships with small business

Small businesses and nonprofits:

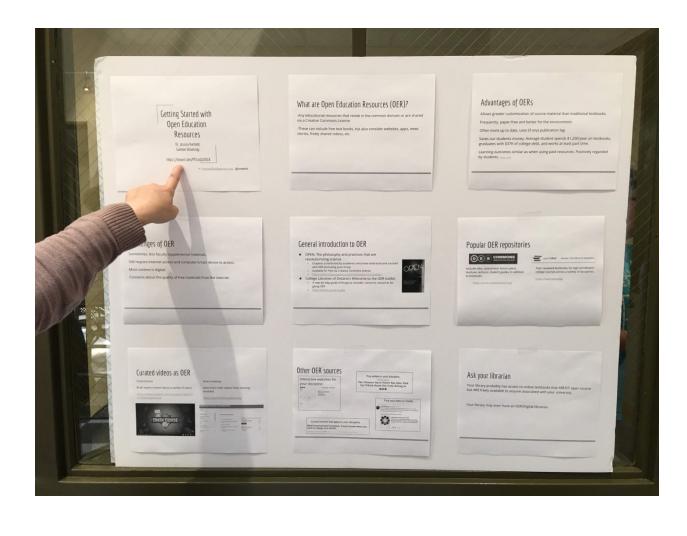
- Mix of traditional, profess and international students
- Accountability to team members and client
- Develop plan for individual contributions of project
- · Attend marketing pl · Provide feedback

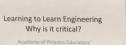
Answer follow up questio throughout semester

### Effective Course

- Develop recommendations with detailed plans for implet based on basket constraints, available human resources a company canciline

### Benefits of Client-Based Projects





Academy of Process Educators'
Annual Meeting
June 14, 2018
Steve Brystien, Tris Utschig, W. L. Scheller,
Mohammed Bi-Speed, Doniel Utyrski, Jim
Morgan, Vigil Coc., S Rig Choudhury, David
Leasure and Dan Apple



# Engineering Learning Process Methodology ACTIVITY LEARNING (BAVING and extending to affer deast)



#### Forms of Knowledge

	Examples
Concepts	Conservation of Energy Resistance Statistics
Processes	Design Experimentation Drawing a Free Body Diagram
Spels	CAO Programming Language 3-0 Printing
Contexts	Water System Smart Grid Manufacturing
Ways of Being	Safety Persistence Prototyping
Rules	Standards Code of Practice Governing Equations

### Needed Changes to Engineering Ed.



- Lose the survivor mentality
   Students need to own their learning
   Faculty need to build courses accordingly

# Engineering Learning Process Methodology

	59p 13	Mostly and correct the errors	23 Self-Automate (Section)
	Step 14	Leadeling to horse organizating	13 Self-Assessment (Secus per alsospines presents)
	Step 15	Ance inerting performance	of the assessed from an expecting being process

#### Risk Factors

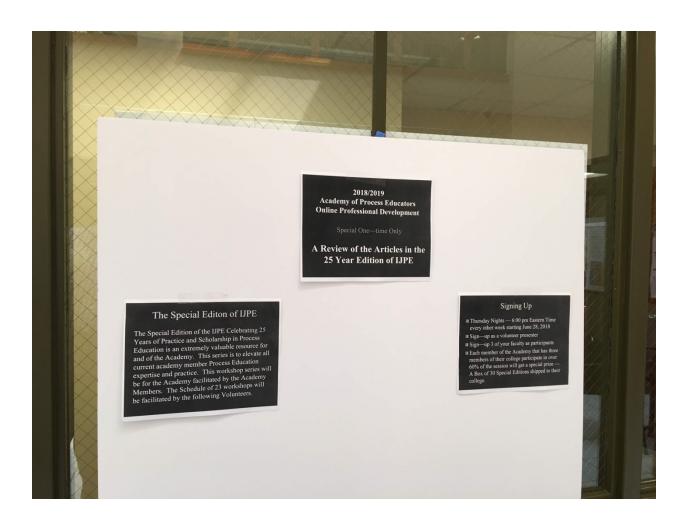
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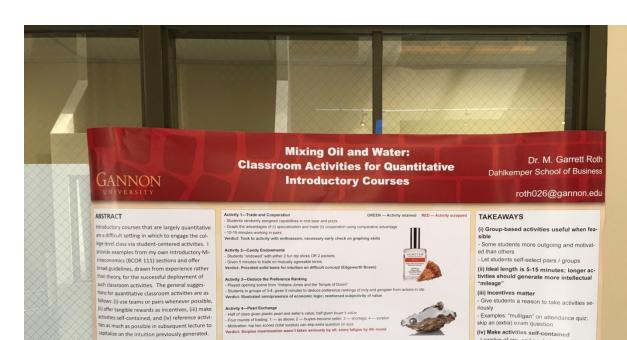
# Engineering Learning Process Methodology

		PREPARING TO LEARN (normally before	w class)
	Step 1	Parpose	2.10%
	Step 2	Discovery (exploration engit)	A Crimbaton
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Expectations for the locality performance	6 Serving Oljacino 1 Perferense Oljace	
	Top 4	What do you already beared	3 Per reputate
	2700.5	Ampaired explosuring language (the procision of its terminology, quotient expressionations, and notation)	n toubulay
	Step 1	Intermedites needed below and during the learning experience (reading acquirent)	1 Administra
	Stap 7	Learning recourses	7 Information and European
	Step 8	An year ready!	1. Plan

#### Conclusions

- Learning engineering is a process with strong similarity to both the general case and other specific fields.
   Risk factors for engineering students include the unique requirements of system
   Changes in culture are needed to support modern engineering students in the learning process.





Activity 7.—Voling Paradox
Provide individual preferences over 3 meal options (via sips of paper)
Use assigned preferences to allustrate the possibility of cycling in pair-wise voling Verdicts Belly-flop — students conflated own preferences with assigned preferences.

MOTIVATION

based course

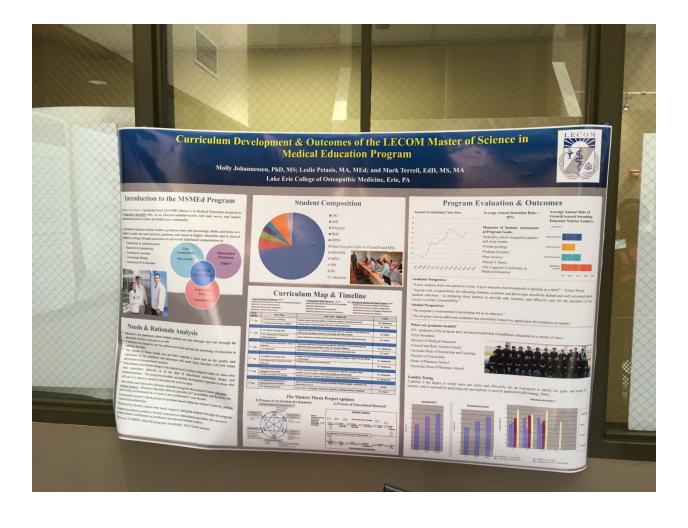
- Break up predominantly lecture-

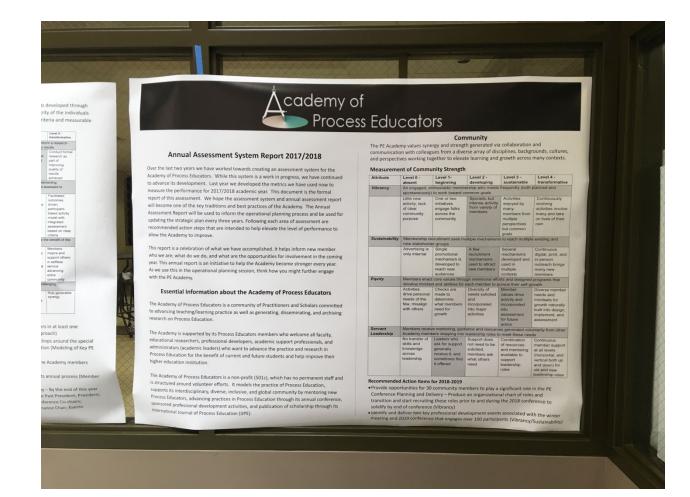
- Illustrate the universality of basic economic principles

- Force students to self-test on comprehension of concepts

(iv) Make activities self-contained
- Logistics of pre- and post-class prep too
cumbersome to pay dividends
- Do not expect prior knowledge / mastery of
concents

concepts
(v) Reference activities as much as possible in subsequent lecture
- Avoids the feeling of "fun but useless"
- Remember purpose; make economic behavior a felt experience





#### Growth

The PE Academy values transformational learning that positively impacts individuals and organizations and is sustained by ongoing reflection and assessment activities designed to produce measurable improvement in key areas of performance.

#### Measurement of Growth Culture

Attribute	Level 0 - absent	Level 1- beginning	Level 2 - developing	Level 3 - sustainable	Level 4 - transformative		
Assessment culture	Members of an assessment culture generate shared goals that are tied to measurable criteria which are pursued via frequent, honest, and high-quality feedback using positive, empathetic language leading toward future improvement.						
	Evaluative, negative, sporadic feedback stifles growth	Focus on improvement	Uses criteria	Frequent, ongoing assessment	Feedback integrates into practice		
Proactive	motivated and i	ictively controls its nitiated from withing forward to acc	n that are driven I	by our values, alig			
	Reactive energy applied to external ideas	Member input solicited	New and established ideas mix naturally	Spontaneous individual member input influences group direction	Value driven actions erupt locally but connect and flow throughout Academy		
Systematical assessed		sive annual progra essment across ma f activities					
	Assessment is infrequent, and results rarely capitalized upon to improve performance	Activities frequently but individually assessed, and results only sporadically used to directly improve	Program assessment system uses and organizes results from different individual activity assessments	Program assessment system used, results document and reviewed	Fully deployed program assessment system closes the loop and accommodates new activity		
Mentoring		ematic mentoring Scholarship, Prof					
	Random individual mentoring	Attempts at setting up some formal mentoring of new members	Systematic way of letting new members of the academy choose a	Formalized Mentoring in research, PD, {PE practice and leadership	Mentoring is integrated into every activity and function of the academy		

#### Recommended Action Items for 2018-2019

- Recommended Action Items for 2018-2019

   Align assessment effort and operational planning with the annual assessment report (Systematically Assessed)

   Develop support mechanisms and, when appropriate, a succession plan for key roles (Proactive)

#### Performance

We value increasing and consistent production of high quality results developed through enriched learning environments built upon the dedication and integrity of the individuals involved and utilizing research-based practices supported by clear criteria and measurable

Attribute	Level 0 - absent	Level 1- beginning	Level 2 - developing	Level 3 - sustainable	Level 4 - transformative
Scholarly approach	Academy men based approac	bers use princip	les and theories practice and ac	underlying PE to information	n a research-
	Performance uninformed by PE principles and practices	Uses accepted PE practices in performing work	Assesses performance based on research- based practices	Action research connected to best practices is used to elevate performance	Conduct formal research as part of improving quality of results achieved
Modeling key PE practices		designed activiti		ny business by impler efully facilitated and a	
	Mono- directional content transmission model, no assessment	Facilitated activities used to supplement some Academy business, periodic assessment	Mixture of facilitated activity and content transmission, some assessment	Facilitated, participatory activities drive key Academy work, regular assessment	Facilitated, outcomes driven, participant- based activity model with integrated assessment based on clear criteria
Member				igh quality results for	the benefit of the
Engagement	Academy and	to help others do	the same		
	Members pursue personal rather than community agendas	Members take on new challenges when benefits to all are clear	Members freely help others in pursuing common goals	Members seek to benefit community through helping others achieve high quality results	advancing entire community
Role oriented	performance-b	ased roles that	expand our profe	serving in specific, ch essional capacity.	
	Random, anarchic approach to completing tasks	Roles defined for some academy projects and activities	Use of roles actively contributes to Academy success	Work leads to documentable accomplishments	Role generate synergy

#### Recommended Action Items for 2018-2019

- Provide 5 defined research projects and ways to engage 10 members in at least one research effort during the 2018/2019 academic year (Scholarly Approach)
  Create a professional development community of bi-weekly workshops around the special edition targeting the involvement of 20 members in this collaboration (Modeling of Key PE Processes)
- Provide at least 50 activities/events for ongoing involvement by the Academy members (Member Engagement)
  • Engage a conference planning team of 25 active contributors to its annual process (Member
- Engage a conference planning team of a series of the academy By the end of this year payed performance criteria for the top 10 roles in the academy By the end of this year create, assess and publish the top 5 performance criteria for the Past President: President: President: President: President: Conference Co-chain: President Elect, Treasurer, Secretary, Research Director; PE Conference Co-chain: Professional Development Coordinator; Membership Chair; Finance Chair, Events Coordinator (Role Oriented)

Contact: sab706@psu.edu jmoss12@atu.edu

#### Anchoring and decision bias: A failure to disregard

Steven A. Berg<sup>1</sup> and Justin H. Moss<sup>2</sup>



#### ABSTRACT

the current investigation examined the nature of the cognitive corcesses that underlie decision making behavior. The focus of his project centered on the phenomenological effects of this project centered on the phenomenological effects of the project centered on the phenomenological effects of the contract of the phenomenological effects of the contract of the project will use any available information stored in memory. Classic anchoring effects (Next year also allowed to contract of the contract of response bias, as a reference for making excision. The specific aim of Experiment 1 are to examine explicit notice of instruction to divergand the supplied information explicit notice of instruction to divergand the supplied information the anchoring phenomenon using a paradigm identical to the one used in Experiment 1. In his re-examination, adjustments were made to the selection of stimuli, delivery of instruction, and an additionation of the propried of the prop

#### INTRODUCTION

- ple rely on heuristics to assist inductive reasoning
- Occasionally leads to errors that are central to drawing conclusions about the probability of an event
- People make judgments involving frequency information based on whatever they find in their memory search (Tversk and Kahneman, 1973)
- and Kahneman, 1973)

  O As a result, systematic biases may corrupt the judgment
- Estimations of the frequency of an event are mediated by the subjective availability of probabilistic information stored in memory at the time of the assessment
- When participants are asked to make numerical estimations of frequency after exposure to and consideration of an arbitrary value (the anchor), they tend to exhibit a bissing effect that is demonstrated by the relative closeness of participants' quantitative judgments to their condition-specific anchors (Twersky and Kahneman, 1974), Jacowitz and Kahneman, 1995)
- Sen Annual Meeting of the Psychonomic Society 
   November 2017 Vancourus Buttab Columbia
- November 2017 Vancouver, British Columbia, Canada •

#### CURRENT RESEARCH

- The current investigation explored aspects of the aforementioned cognitive processes by examining the consequences of exposure to extraneous, misland information followed by explicit instruction to discregard it.
- Will participants exhibit the classic anchoring effects even when instructions tell them to ignore the biasing information?
- Are participants more likely to disregard the available anchor if the anchor is relatively high or low?

  The anchor is relatively high or low?

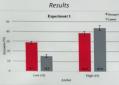
  The overall goal of this research is to more fully understand the nature of anchoring biases and the cognitive processes that factor into decision making behavior

#### EXPERIMENT 1: METHOD

#### Design and Procedure

- Experimentation consisted of a single-item questionnaire
   Participants read the following: "We asked students at local university to estimate the percentage of countries is
- high) and it should be disregarded. estimate?\_\_\_\_%"
- o Anchor: high (65%) vs. low (10%)

#### n: disregard vs. control



- Control: high vs. low, p < .001</li>
- Disregard: high vs. low, p < .001
   High specker; control up dispersed a = 18
- High anchor: control vs. disregard, p = .18
- Interaction: anchor and instruction, p < .001</li>

#### Conclusion

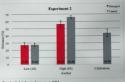
- Preliminary evidence that participants, even when explicith instructed, do not disregard anchors when making estimates in the high anchor condition
- For anchors far from ceiling or floor (e.g., 65%), attenuated disregarding(?)

### EXPERIMENT 2: METHOD

#### Design and Procedure

- Experimentation consisted of a single-item questionnaire
   Participants read the following: "Two years ago in a majoricity, several new resturants opened for business. We asked students at a local university to estimate the percentage of those new restaurants that are currently profitable. Their average estimate was 20% for 80%
- disregarded. What is your estimate? \_\_\_\_\_%'
  Five conditions:
- o Anchor: high (80%) vs. low (20%)
- o Instruction: disregard vs. control

#### Calibration (no anchor, no instruction to disregard) Results



- Control: high vs. low, p < .001
- Disregard: high vs. low, p < .001</li>
   Migh anchor: control vs. disregard, p = .1
- Low anchor: control vs. disregard, p = .99
- Calibration comparisons:
- $\circ$  ...vs. high control, p < .001; vs. low control, p = .03
- $\circ$  ...vs. low disregard, p = .02; vs. high disregard, p = .14.

#### Canalysian

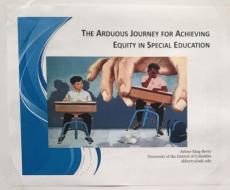
- Support for the notion that participants, even when explicit instructed, do not disregard anchors when making estimates.
- Observed pattern of results in Experiments 1 and 2 may different due to relative proximity of anchors to maxims (i. 10% is closer to floor than 65% is to ceiling, 80% equipment close to regime as 20% is to floor).

#### Future Research

Will people anchor to estimates involving moral judgment?
What are the mechanisms that allow decision making to hav such flexibility while providing a stable basis for deciding?

#### REFERENCES

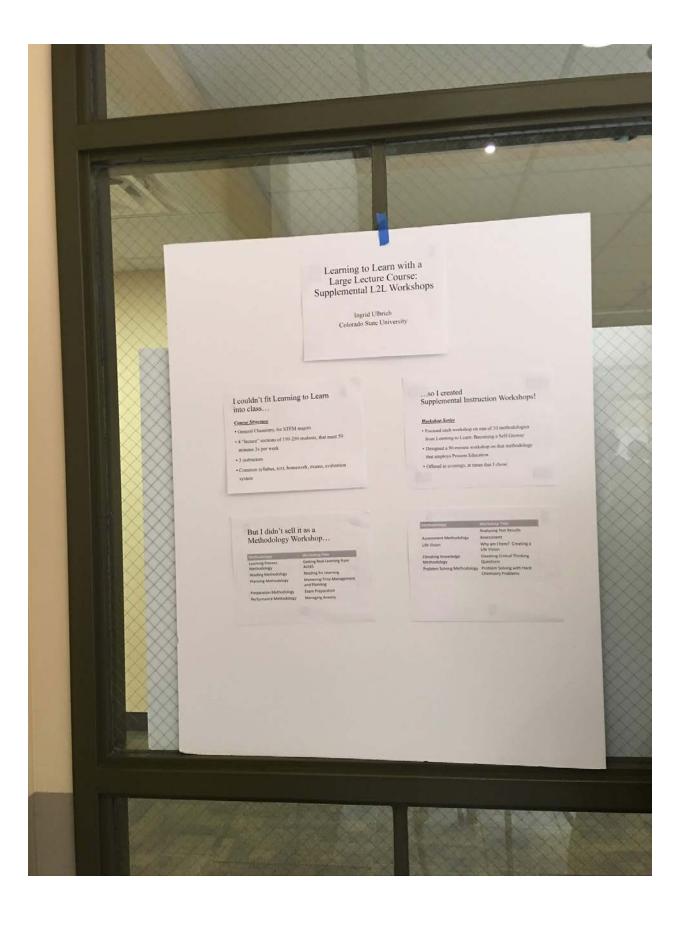
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# Welcome to Academy of Process Education 2018



## Leadership Strategies: a Reflective Practice

### Leadership Self Assessment Getting Started

Following an ACE HI model, you can complete a self-check, dentify areas to add or improve, and build skills to lead. The model is based on the following attributes:

Attitude and accountability impact others and you Change is inevitable; learn to embrace it Ethics, espectations, and empowerment serve as a framework projunced and other Strengths will imove you forward-build on them Monor and respect your team and yourself of https://doi.org/10.1006/j.j.com/10.1006/j.j.com/10.1006/j.j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/10.1006/j.com/

# Origins of Your Beliefs and Actions



- Family
  Social network
  Social network
  Experiences
  Success
  Challenges
  Sports
  School
  Jobs
  Other

# Include Reflection as a Tool to Recognize Areas to Improve

# Do the Ask How can one make improvements?



## Continuous Journey



#### Application Considerations

- Feedback from participants focuses on the practical nature and direct application of the experience and

#### References and Resources