

High Impact Practices: A Teaching and Learning Showcase

Board Workshop | January 2019

Feleccia Moore-Davis – Provost and
Vice President for Academic Affairs



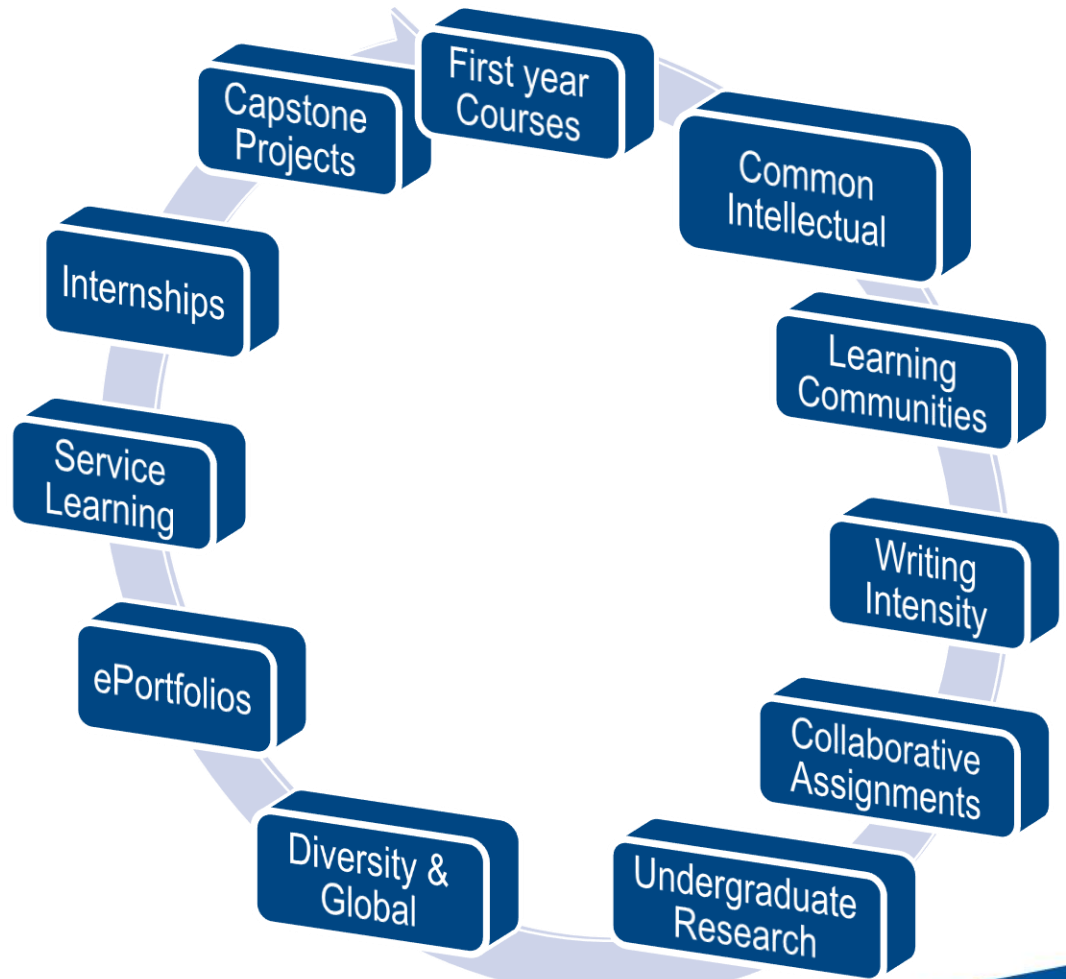
Faculty Presenters

- Suzanne Ferrell-Locke
- Wilbert Butler
- Vijay Subramanian
- Tricia Rizza
- Kelly Thayer
- Lauren Fletcher
- Patrick McDermott
- Kenya Thompkins
- Reggie Grant



High-Impact Practices

Student engagement



Student Success

More than the degree

Achieving a level of preparation (knowledge literacies, cognitive capabilities) that will enable students to thrive and contribute in our fast-changing digital economy



Why Are Some Practices More Effective?



Require students to devote considerable time and effort to purposeful tasks



Increase interaction with faculty and peers about substantive matters



Challenge students to develop new ways of thinking about and responding to the world around them



Provide frequent feedback about their performance



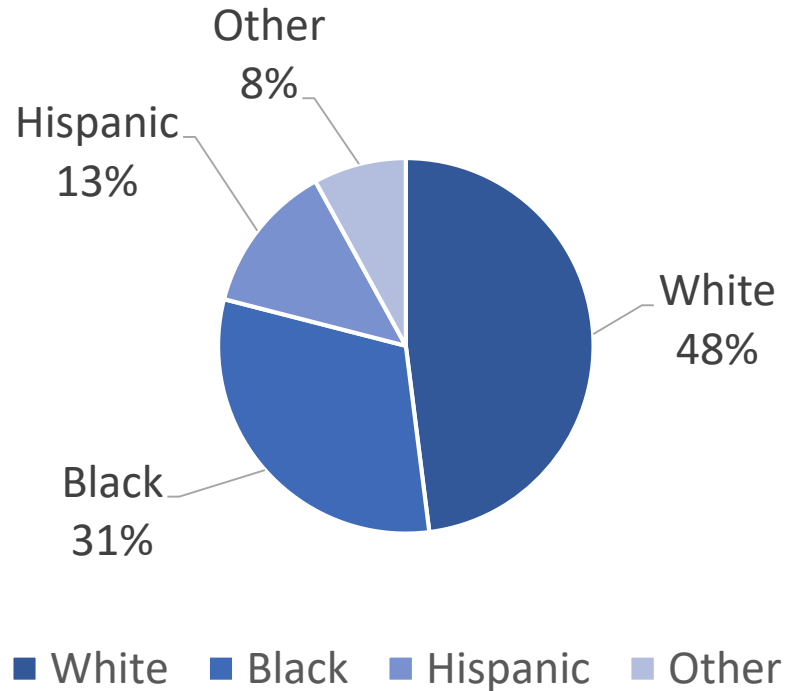
Integrate, synthesize and apply knowledge in deeper, more meaningful ways



Life-changing

Student Demographics

HIPs are particularly promising for students of color and those with lower achievement levels



Vision

Every student will experience at least one high-impact practice every year while attaining their degree at TCC.

Collaborative Learning

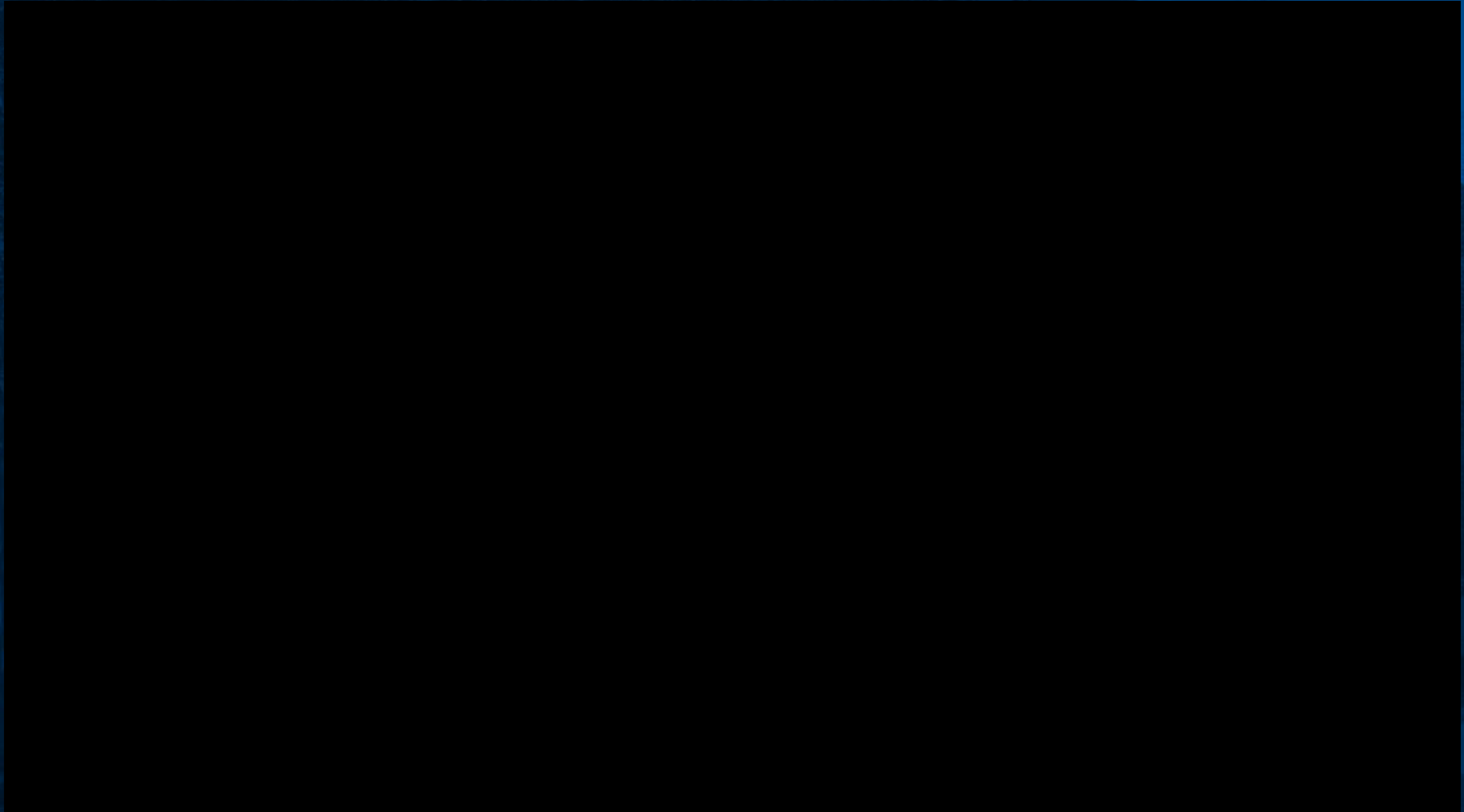
Suzanne Ferrell-Locke, Professor of Mathematics

Wilbert Butler, Professor of Biological Science

Vijay Subramanian, Professor of Mathematics & Honors Program
Director

Suzanne Ferrell-Locke

Math



Active Learning



- Thought leads to learning
 - 90 seconds to clarify lecture notes
 - Ticket out the door
 - Summarize big ideas from last x minutes
- Builds relationships with peers and instructor
- The worst active learning = the best lecture



Nature of Science (NOS) Instruction



Must Be

- Explicit
- Reflective
- Situated in science content

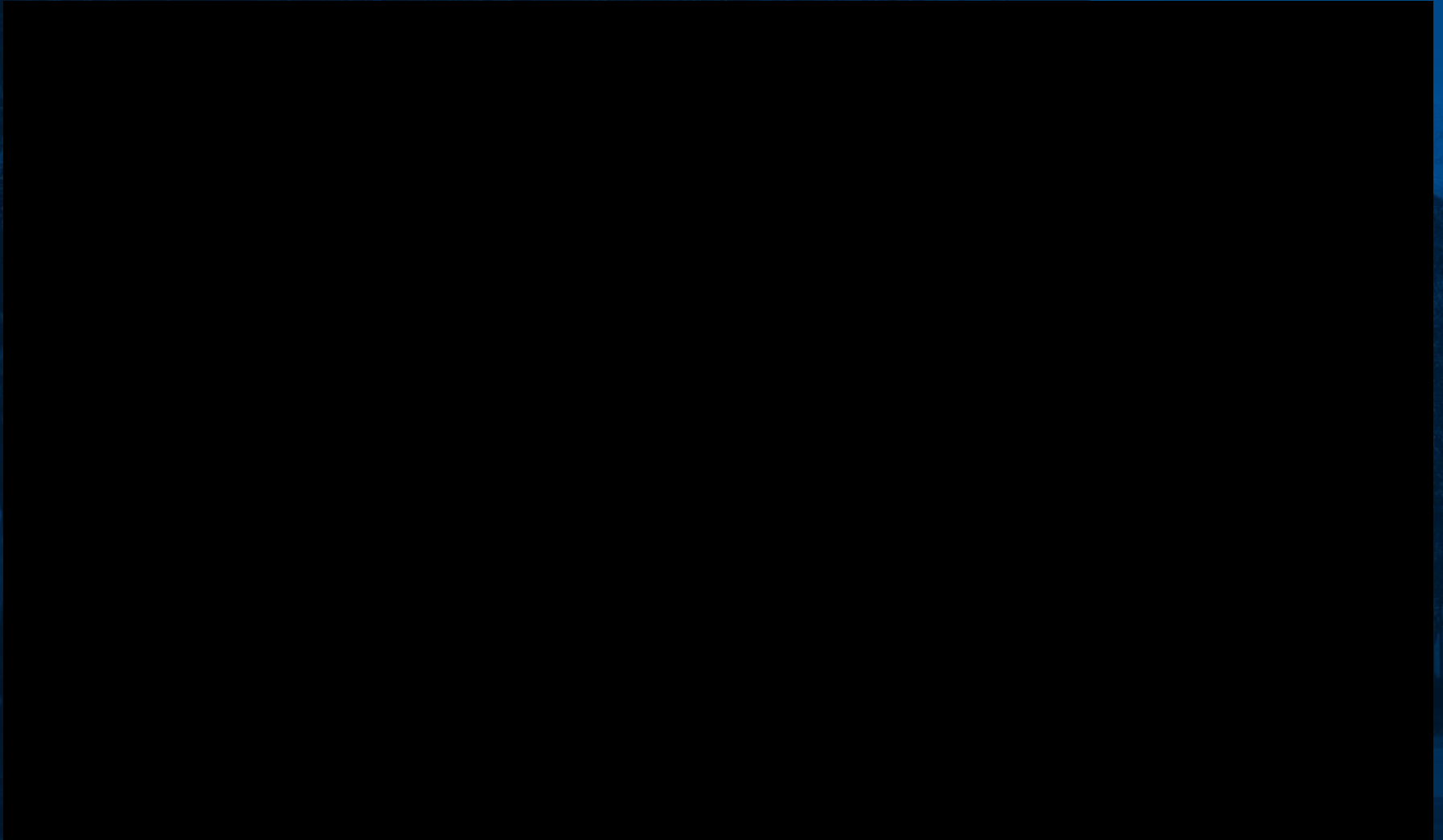


Two Aspects
Used

- Science is empirically based
- Science is inferential

Wilbert Butler

Science



Teacher and Researcher are ONE



Focus on students
and their learning



Teachers and
students become
community of
learners

Analysis of Assessments

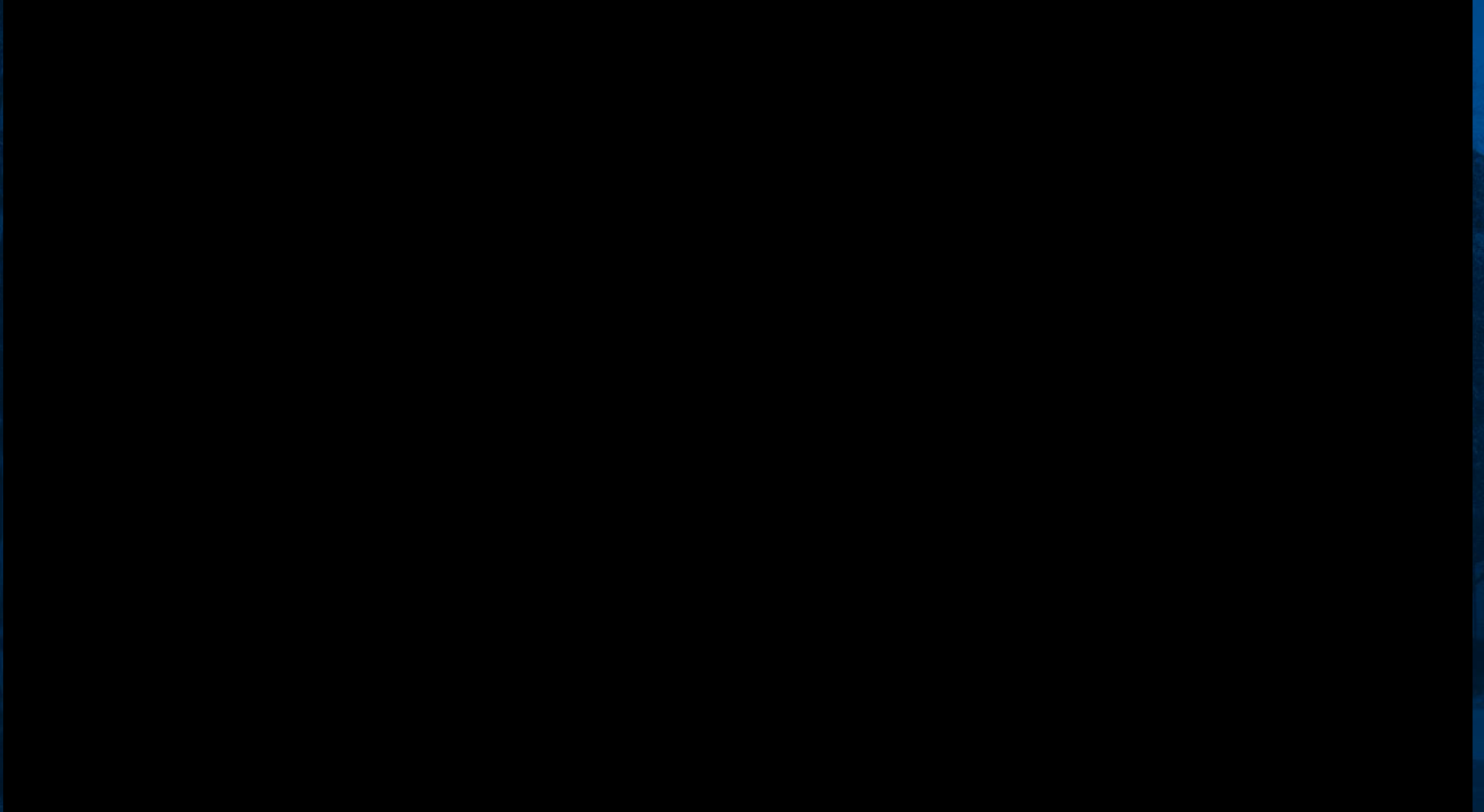
BSC2010	I	SWI	NI		Topics	I	SWI	NI	
1	16	12	3	31	Evolution	51.6129	38.70968	9.677419	100
2	14	14	3	31	Characteristics of Living Things	45.16129	45.16129	9.677419	100
3	16	12	3	31	Organic and Inorganic	51.6129	38.70968	9.677419	100
4	28	2	1	31	Properties of Water	90.32258	6.451613	3.225806	100
5	17	8	6	31	pH	54.83871	25.80645	19.35484	100
6	24	5	2	31	Chemical bonding	77.41935	16.12903	6.451613	100
7	25	6	0	31	Ionic and Covalent Bonds	80.64516	19.35484	0	100
8	8	17	6	31	Emergent properties/Reductionism	25.80645	54.83871	19.35484	100
9	21	4	6	31	Hydrogen bond	67.74194	12.90323	19.35484	100
10	30	1	0	31	Protein Reactivity	96.77419	3.225806	0	100
11	26	2	3	31	pH	83.87097	6.451613	9.677419	100
12	19	3	9	31	Negative/Positive Feedback	61.29032	9.677419	29.03226	100
13	26	3	2	31	Biomolecules (Lipids)	83.87097	9.677419	6.451613	100
14	11	8	12	31	Atoms/Isotopes Reactivity	35.48387	25.80645	38.70968	100
15	4	24	3	31	Biomolecules	12.90323	77.41935	9.677419	100
16	2	6	23	31	Saturated/Unsaturated Lipids	6.451613	19.35484	74.19355	100



Collaborative Projects in Class

Vijay Subramanian

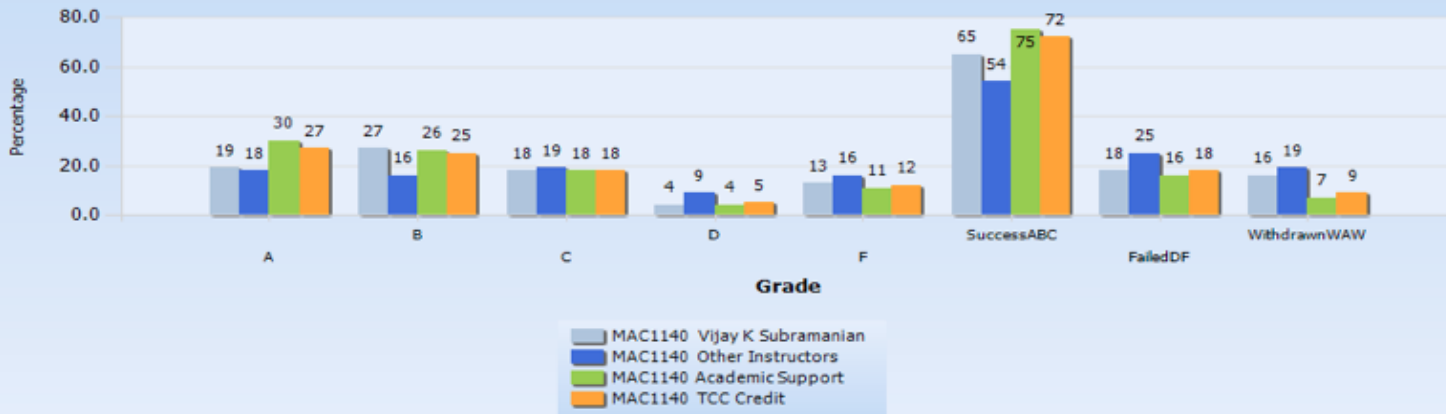
Capstone Courses and Projects



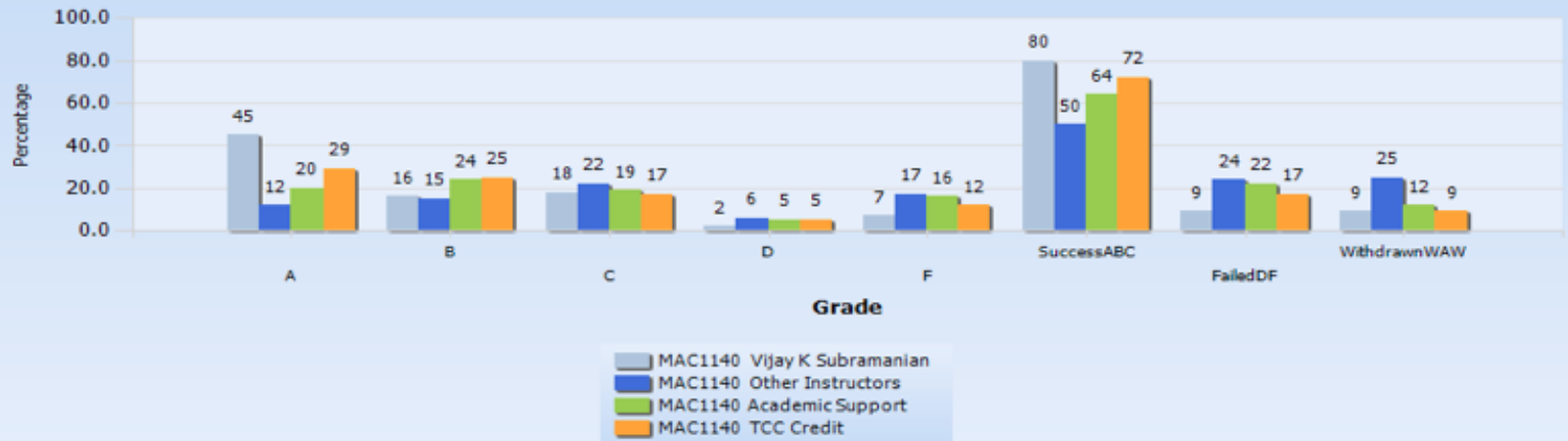
MAC1140 Grades in Fall 2016

With and Without HIPs

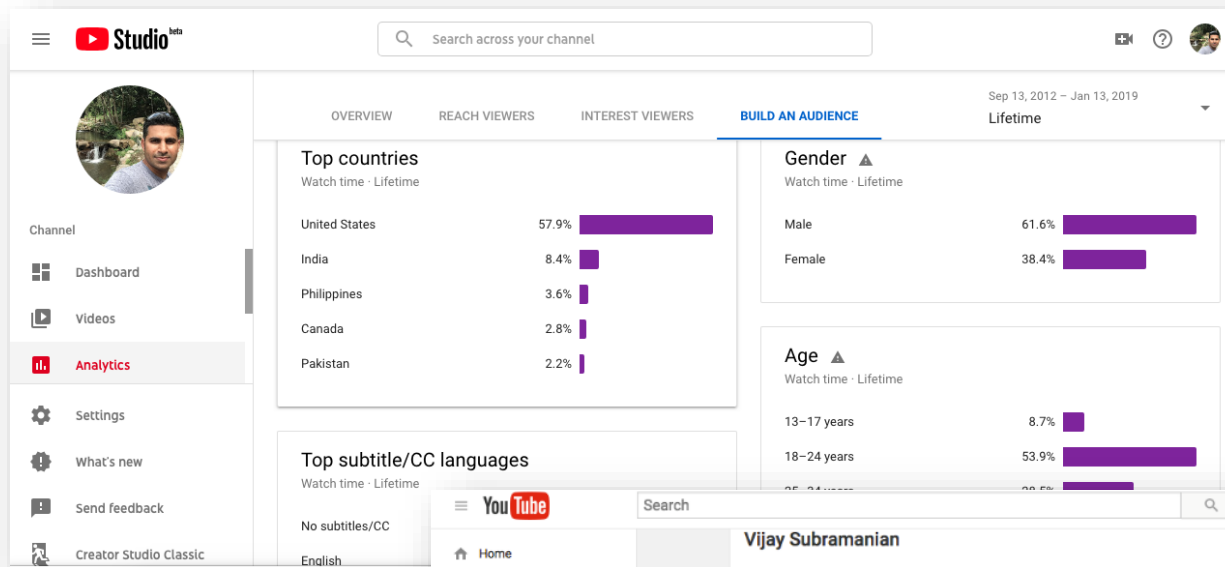
Success Analysis - Grade Distribution - 20161 - Fall 2015



Success Analysis - Grade Distribution - 20171 - Fall 2016



Youtube, Videos and Analytics, OH MY!



YouTube Channel Page for **Vijay Subramanian**

Home | Videos | **Playlists** | Channels | Discussion | About

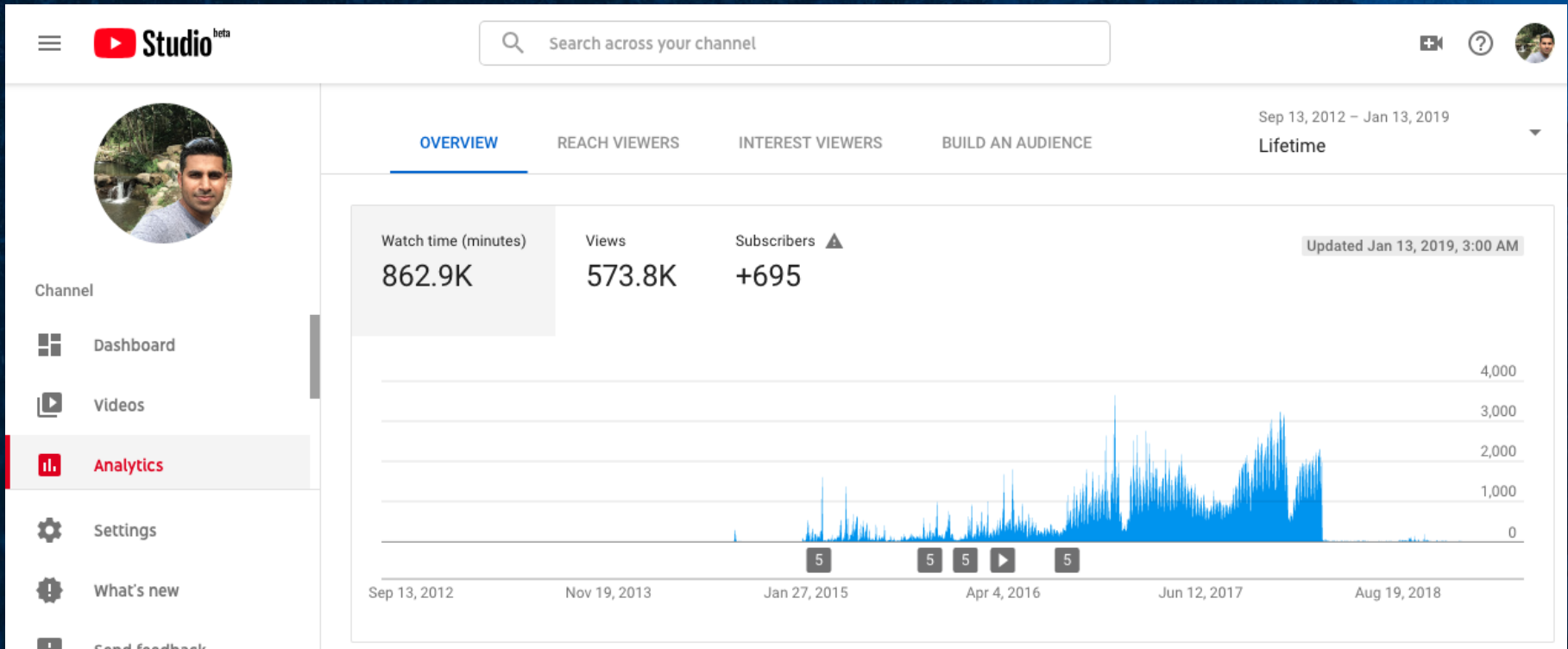
Created playlists:

- Precalc Algebra** (Updated today) - 220 VIDEOS
- College Algebra** (Updated 7 days ago) - 221 VIDEOS
- Calculus for Management** - 131 VIDEOS
- Precalculus Trigonometry** - 217 VIDEOS

Subscriptions: Mathispower4u (1), mac1105lessons



Analytics



Service Learning

Tricia Rizza, Professor Transitional Studies

Kelly Thayer, Professor of English

Lauren Fletcher, Professor of English

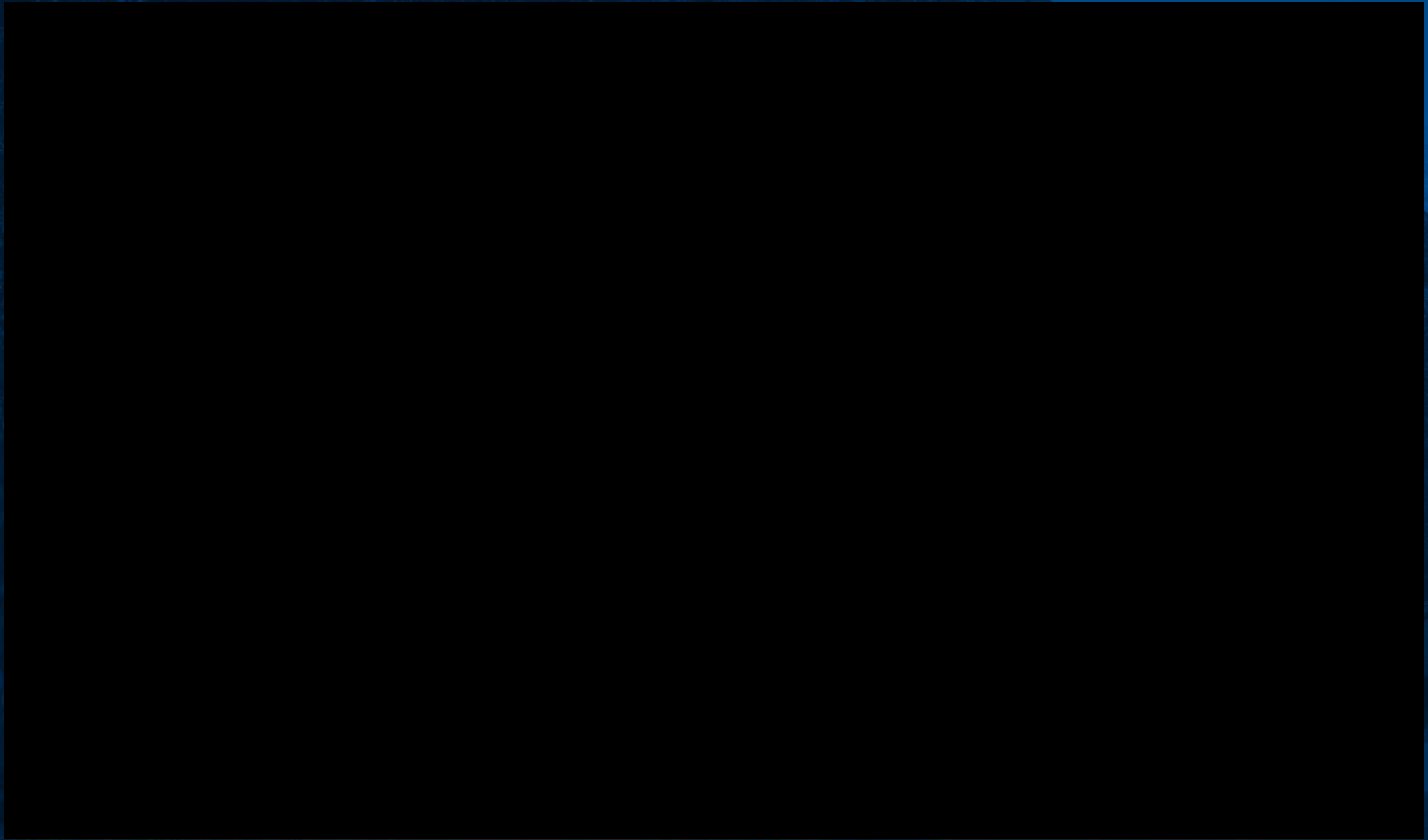
Service Learning – Community

- What is it?
 - Service Learning at TCC integrates meaningful community service into the learning experience
- Why Service-Learning?
 - Encourages life-long community involvement
 - Engages students in conscious, intentional and critical thinking
 - Enhances leadership skills
- What does it look like?
 - #Eagle Relief



Tricia Rizza

Service Learning



Eagle Relief

Students responding to and actively engaging with a community need while applying the course content to help achieve their intended service goals.



EAGLE RELIEF

AID FOR HURRICANE MICHAEL VICTIMS

SUPPLIES NEEDED

<h4>FOOD</h4> <ul style="list-style-type: none">• CASES OF WATER• GRANOLA BARS• POP-TARTS• CANS OF SOUP• CANS OF TUNA/CHICKEN• CHIPS• BAKED GOODS• FRUIT	<h4>BABY NEEDS</h4> <ul style="list-style-type: none">• BABY FOOD• FORMULA• DIAPERS• BABY SHAMPOO
<h4>DISPOSABLE ITEMS</h4> <ul style="list-style-type: none">• PAPER PLATES• PAPER TOWELS• PLASTIC FORKS, SPOONS, KNIVES• NAPKINS• TOILET PAPER• BABY WIPES	<h4>PERSONAL HYGIENE</h4> <ul style="list-style-type: none">• TOOTH PASTE• TOOTH BRUSHES• DEODORANT• SHAMPOO• CONDITIONER• SOAP• FEMALE HYGIENE ITEMS• HAND SANITIZER• DRY SHAMPOO• TYLENOL
<h4>OTHER ITEMS</h4> <ul style="list-style-type: none">• BATTERIES• FLASHLIGHTS• GAS CANS	<p>THIS PROJECT IS SPONSORED BY ENC 1102 SERVICE LEARNING COURSES. FOR QUESTIONS REGARDING EAGLE RELIEF, PLEASE CONTACT TERESA PALIWODA OR TRICIA RIZZA.</p>

THIS IS THE TIME FOR #EAGLENATION TO RISE AND HELP.

Eagle Relief

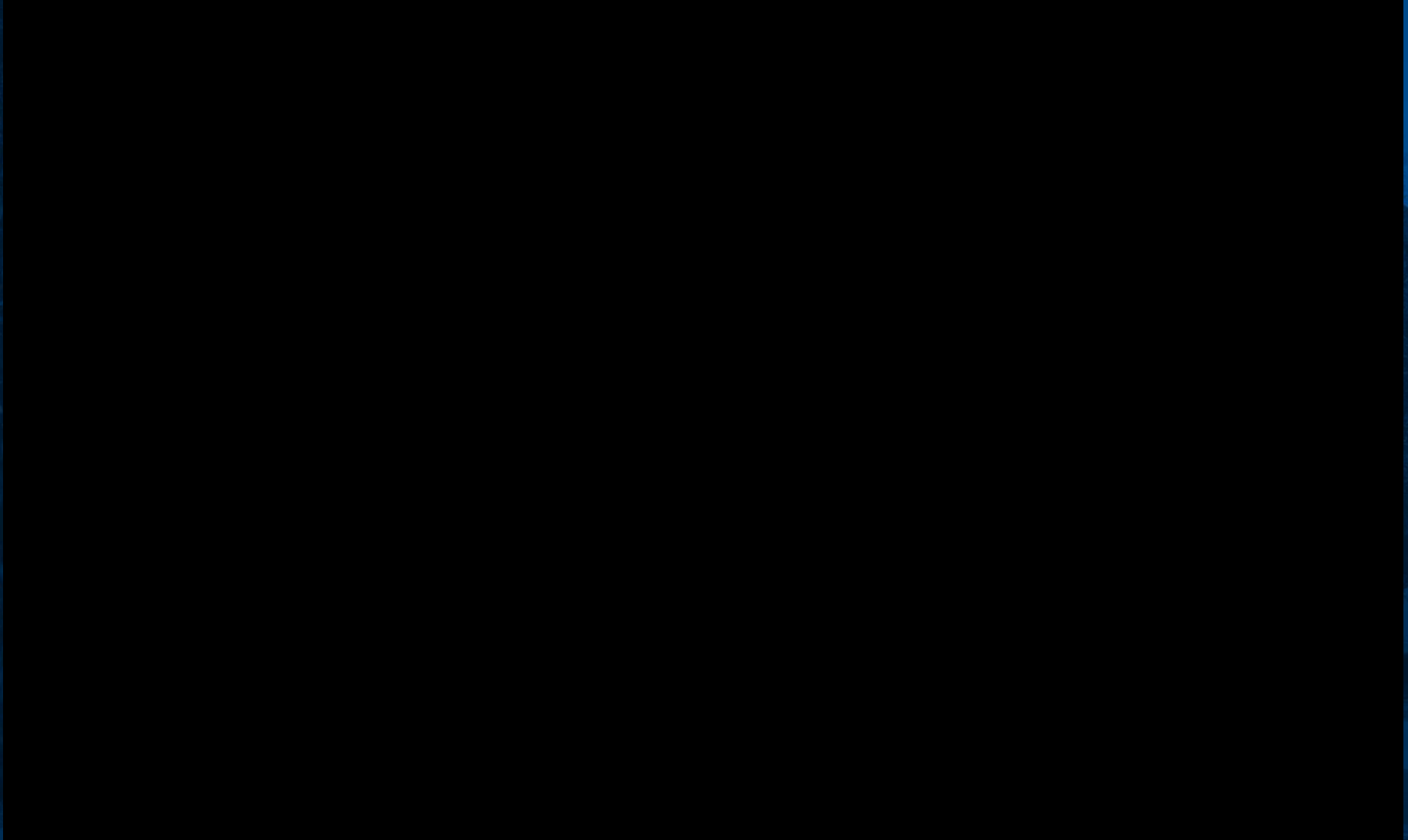
“This was the best English class I’ve ever had in my entire life. It really helped me see college in a different way. I feel like I can be more involved now. I am so happy that it wasn’t a regular boring English class.”

“I learned that that the word ‘educational’ doesn’t always imply ‘teacher’ or ‘book’. It can be anyone or anything. I learned a lot this semester by volunteering and meeting new people. The word educational has different connections such as leadership, confidence, and learning about people.”



Kelly Thayer and Lauren Fletcher

The Clothesline Project





23.1% of undergraduate females and 5.4% of undergraduate males experience rape or sexual assault (RAINN).

A woman is physically abused every nine seconds in our country (NCADV).

99% of perpetrators of sexual violence will walk free (RAINN).

1 in 4 girls feel uncomfortable using school bathrooms (U.N. Women).

Only 20% of female student victims, age 18-24, report to police (RAINN).



- 100% participation
- Over 2,200 service hours
- Over 420 shirts
- Higher success rates in ENC 1102
- Increased community engagement
- Stronger interpersonal skills

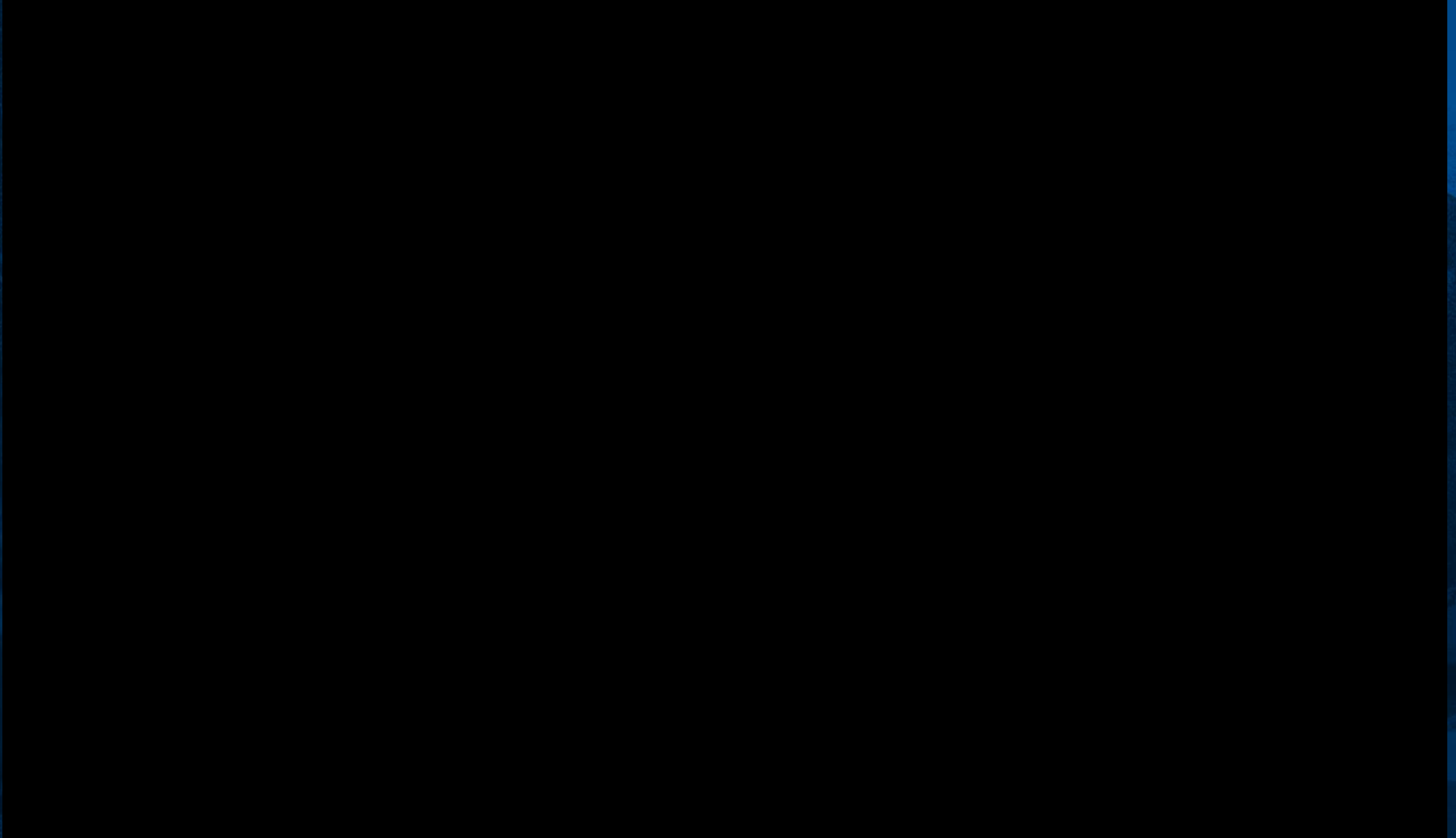


The background of the slide is a blue-tinted photograph of a university building with trees in the foreground. The building has a gabled roof and several windows. The trees are in the foreground, and the overall scene is dimly lit, suggesting an overcast day or early morning/late afternoon.

First Year Course Student Life Skills (SLS)

Patrick McDermott, Professor of Student Success

First YEAR Course: SLS



Student Success Course: Elements

- Growth Mindset
- Pathways: Meta Majors and Career Development
- Career Readiness
- Connecting Students to Resources
- Civic Engagement and Service Learning
- First Year Experience
- ePortfolios



ePortfolio



- The vast majority of students have had no/minimal prior experience with portfolios and these portfolios will be a “ living and evolving “ tool as they progress through their academic career at TCC
- Creation of the e-portfolio provides an opportunity for transferable digital literacy skills.



ePortfolio

Lessons Learned:

- Use class time as an introduction and workshop days
- Stage out the process
- Use Students as mentors
- Include peer reviews



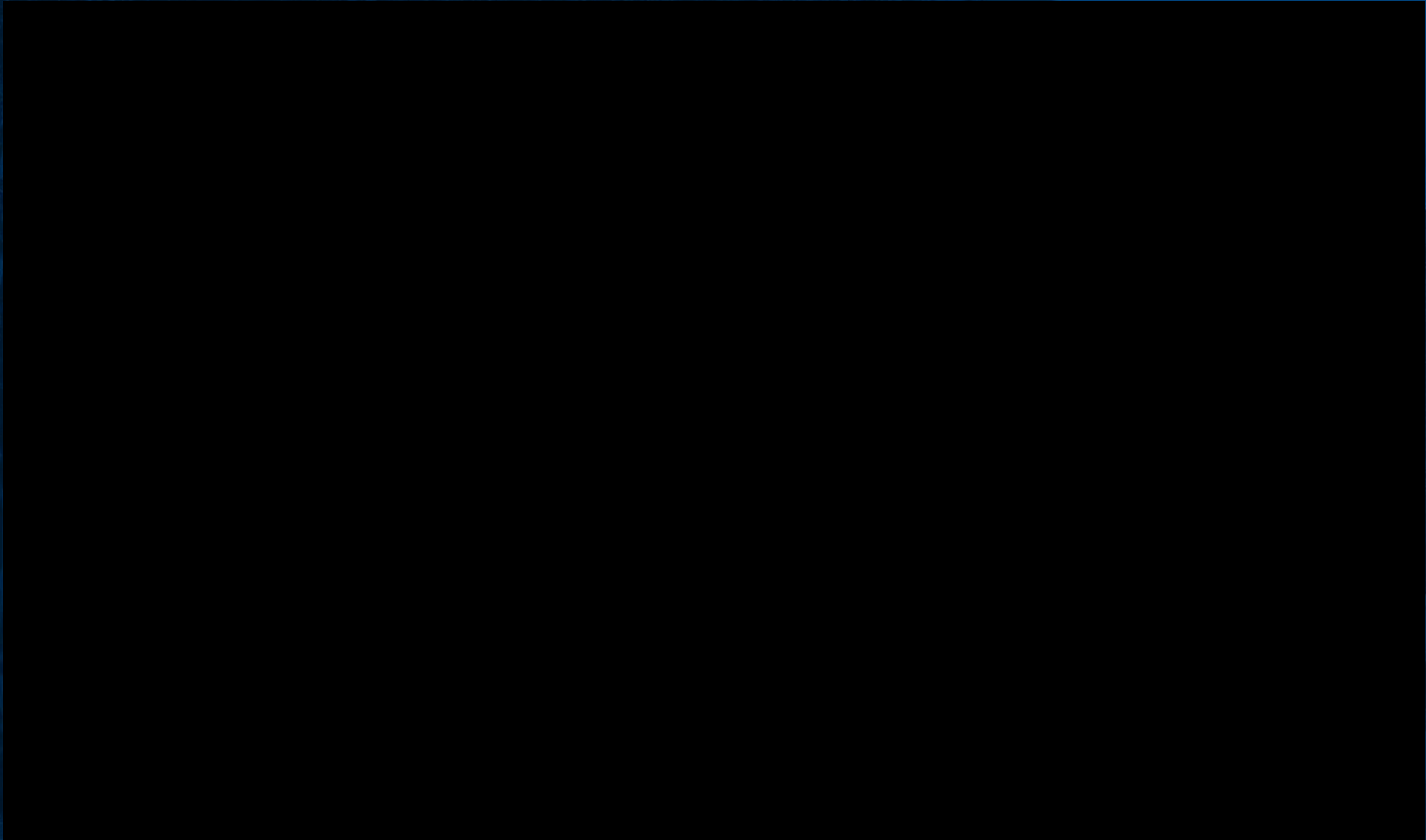


ePortfolio

Kenya Thompkins, Professor of English
Reggie Grant, Professor of Journalism

Reggie Grant and Kenya Thompkins

Black Male Achievers



Black Male Achievers

E-Portfolio (Showcase)

- Collection of a student's best work
 - Papers
 - Projects
 - Extra curricular activities
 - Recommendations



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JORDAN T. GRIFFIN

COLLEGE STUDENT AND MINISTER - TALLAHASSEE, FL

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Black Male Achievers

TERRIUS BRUCE

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Resume

Operations Manager

Bruce Consulting LLC, Tallahassee, FL - 2014 to Present

- Manage storm insurance claims (250+) for residential and commercial property owners ensuring replacement of damaged property.
- Oversee the day to day projects to provide optimum quality for customers.
- Supervise 4-10 employees, while keeping up with Occupational Health and Safety Administration (OSHA) regulations and worker's compensation standings.
- Manage a portfolio of over \$2 million in annual sales revenue.

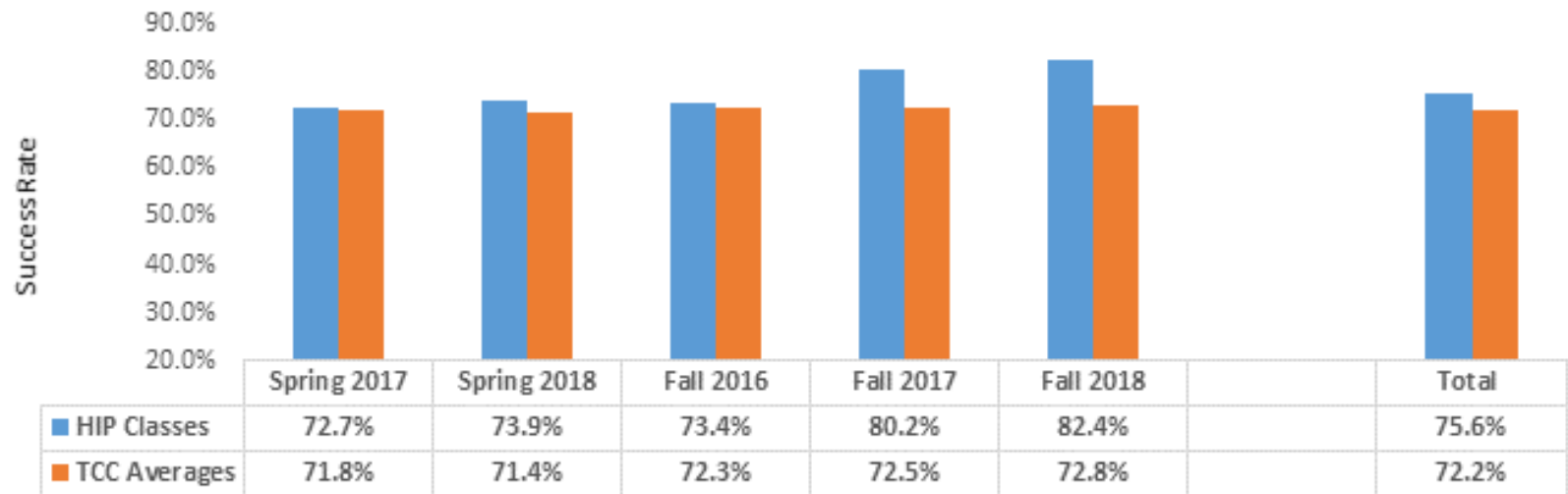
Sales Consultant

Coggin Toyota, Jacksonville, FL - 2013 to 2014

- Negotiated and brokered new and used car deals so that customers could secure vehicle purchases.
- Set up financing options and cash-handling to fit the needs of customers.
- Provided product sales and customer service.
- Earned top salesman of the month increasing sales and manufacturer's incentives for the dealership.

Moving the Needle

**A Comparison of Course Success Rates by Semester:
HIP Classes vs. TCC Averages**



In Conclusion



Decrease Class Sizes
Spring 2018 (30)
Spring 2019 (25)



Expand high-impact
Practices: Focus on
Scale



Assess and Continually
Improve



Classroom Renovations



Acknowledgements



- Faculty for their great work and commitment to our students
- Marcus Nicolas for the coordination
- Summer Washington, CPE and Wendell Johnson, Director
- Rachel Palmer, TCC-TV



A blue-tinted photograph of a building with trees in the foreground. The text "Thank you!" is overlaid in the center.

Thank you!