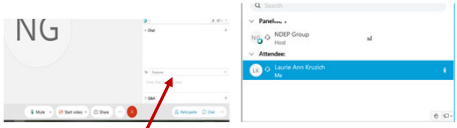


### Welcome to the ACEND Virtual Town Hall!

We Will Begin Shortly

- Lines have been muted




- If you have questions or comments, Use the chat feature and post a chat to EVERYONE

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1


### Welcome to the ACEND Virtual Town Hall



Accreditation Council for Education in Nutrition and Dietetics  
International Board of Standards and Practices for Certified Nutrition Professionals

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Barbara Hopkins,  
MMSc, RD, LD  
ACEND Past Chair

Accreditation Council for Education in Nutrition and Dietetics  
International Board of Standards and Practices for Certified Nutrition Professionals

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### Objectives


- Provide ACEND update and announcements
- Understand the hidden obstacles faced by lower-income, first-generation and under-represented minority students
- Discuss the use of predictive analytics in determining student success
- Identify opportunities to enhance diversity and close the equity gaps in recruitment and retention
- Answer questions

Accreditation Council for Education in Nutrition and Dietetics  
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### ACEND Updates and Announcements



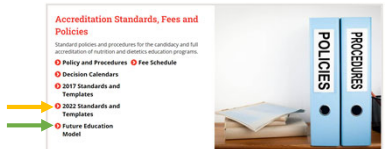
Accreditation Council for Education in Nutrition and Dietetics  
International Board of Standards and Practices for Certified Nutrition Professionals

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### ACEND Accreditation Standards

2022 Standards	FEM Standards
Released September 1, 2022	Released November 1, 2022
Adoption date: June 1, 2022 ACEND audit: December 2023	



Accreditation Standards, Fees and Policies  
 Standard policies and procedures for the candidacy and full accreditation of nutrition and dietetics education programs.

- Policy and Procedures
- Decision Calendars
- 2017 Standards and Templates
- 2022 Standards and Templates
- Future Education Model

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Core Knowledge/Competencies/Performance Indicators

**Competency Assessment Software**

- In Spring 2022, ACEND will begin investigating adopting a competency assessment software to support ACEND programs' assessment of the 2022 knowledge/competencies and FEM competencies and performance indicators.
- Decision and adoption by 2022-2023, if possible

Adapted from: ScienceSoft ussoft.com

04/20/2021

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On Foundation Website

**Spread the Word!**

**Advancing the Practice in Nutrition and Dietetics Fellowship: Doctoral Standards**

ACEND is seeking a doctoral-prepared, RDN to serve as a fellow.

**Objectives:**

- Advanced practice doctorate Standards
- Clinical skills workshop
- Support FEM data and CBE

Applications due by 3:00 pm CT **Monday, November 22, 2021**  
<https://eatrightfoundation.secure-platform.com/organizations/main/home>

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ACEND's DEI Noteworthy Practice

- Submit DEI noteworthy practices to ACEND
- Selected programs highlighted on the ACEND website
- For more information: <https://www.eatrightpro.org/ACENDforDEI>
- Next submission date is January 14, 2022

15

- 1.5 CPEUs for this Webinar
- Attendees access the survey link to complete a short evaluation
- Handout of slides and CPEU certificate provided via email

16

Georgia State University

<p>Timothy Renick Senior Vice President of Student Success</p>	<p>Benjamin Brandon Senior Director of Student Success</p>
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ACEND Townhall  
November 16, 2021

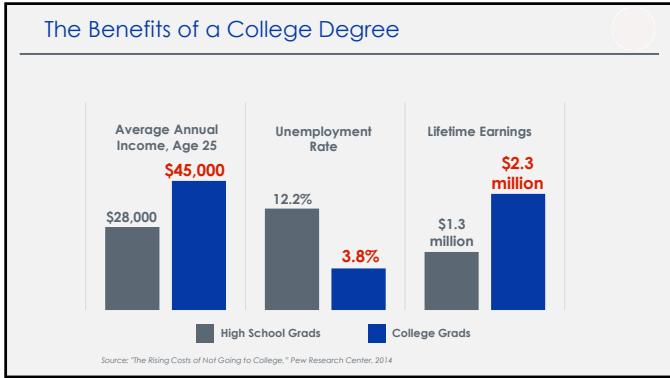
**Closing Equity Gaps in Higher Education: Leveling the Playing Field for All Students**

Timothy M. Renick, Ph.D.  
Executive Director, National Institute for Student Success

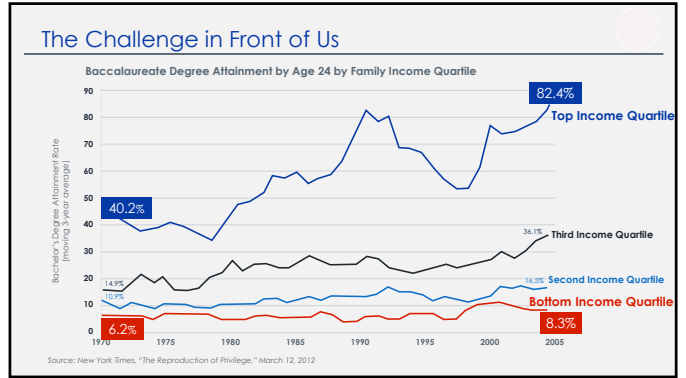
Ben Brandon, Sr. Director, Student Success Analytics

Georgia State University

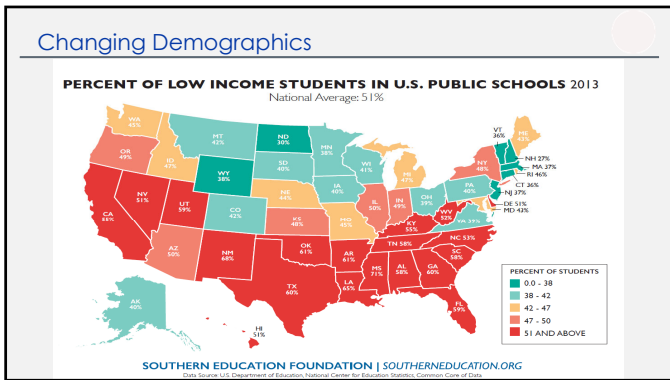
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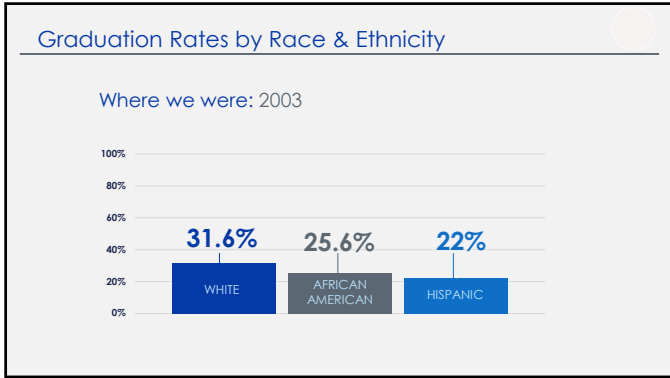
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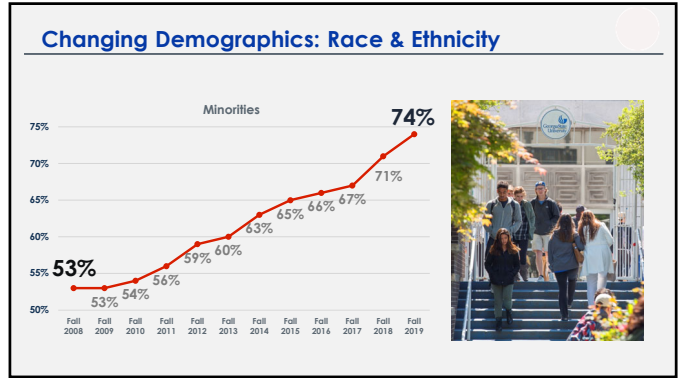
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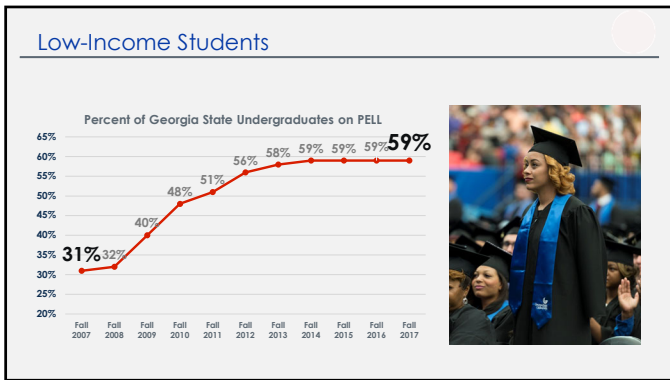
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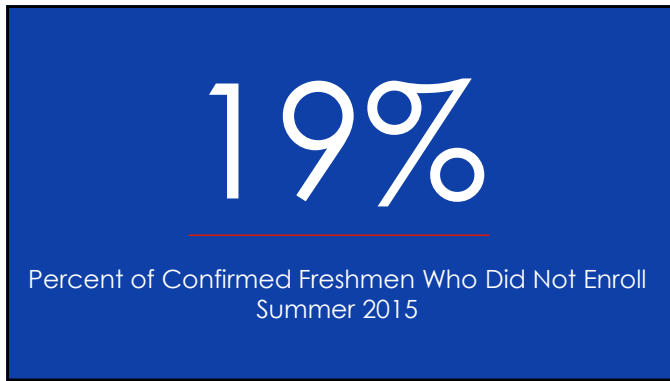
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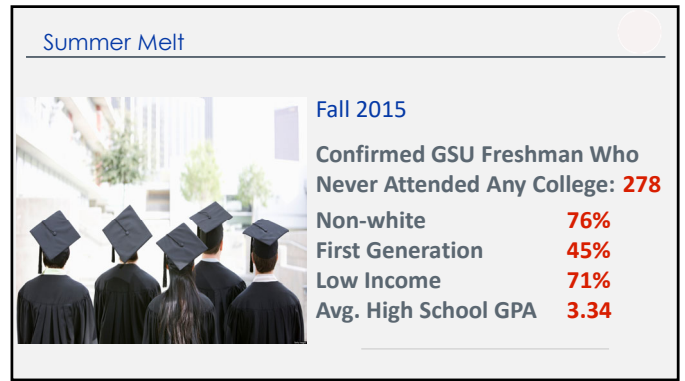
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32

### The Hidden Obstacles to Enrollment

- Federal Financial Aid Application
- Verification Request
- State of Georgia Immunization Proof
- Taking Placement Exams
- Registering for Classes

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### Portal to Guide Students Through Next Steps

Which resources matter most to you?

Select any of our student services that interest you, and we'll add appropriate information to your path.

**A Few Recommendations:**

- Child Care** - On campus and nearby child care options to help while you are in class.
- First Generation to Attend College** - Resources to help new students learn the ropes and lingo of college.
- Commuting Services** - Learn the different ways you can get to and from campus.
- Student Technologies** - Get help with all apps, gadgets, and sites that can enhance your campus experience.

**All Student Services:**

- Tutoring & Academic Support** - A great resource for help outside the classroom for your work inside the classroom.
- Housing Services** - Resources to help you find a place to stay near campus.
- Career Guidance** - Helping you find the right career path and prepare you for the job market. It's never too early to start!
- Clubs and Activities** - Grow and have fun! Get involved in one of our many on-campus activities.
- Mentorships** - Helping you connect with experience students who can help guide your way.
- Disability Services** - Providing support and equipment to qualified students with physical, mental, or educational needs.

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### A.I.-enhanced Chatbot: 24/7 Help

Which parent do I use on the FAFSA?

For info on which parent's information to use on the FAFSA, reply with the option that best describes your parent's marital status: Never Married (Married and both parents living together) Married Remarried Divorced/Separated Widowed If none of these options are applicable, check out [1](#). [Link](#) [gov/10Q/1G](#)

Undo ✓ Approved by AdminHub AI

Divorced

If your parents are divorced, the custodial parent (or the one you lived with the most in the past 12 months) is usually responsible for filling out the FAFSA. Check out this website to learn more: [1](#). [Link](#) [gov/10Q/1G](#)

Undo ✓ Approved by AdminHub AI

OK and when is it due?


The FAFSA is available starting Oct. 1. Fill it out ASAP! (Use last year's tax info.) Some aid is first-come, first-served, so don't delay! [1](#). [Link](#) [gov](#)

35

Reminder: You have a quiz tomorrow in MATH 100. Schedule time to study.

185,000

36



Drop in Summer Melt:  
**-37%**  
365 More Students Enrolled

37

### Continuing Students


Supported by the Dell and ECMC Foundations

Students who started the semester with a balance: **-49%**

Students with Account Balance Who Opened a ticket with Financial Aid: **+33%**

Students meeting with Advisor within one week of being contacted: **+28.5%**

Pilot in high enrollment courses



38

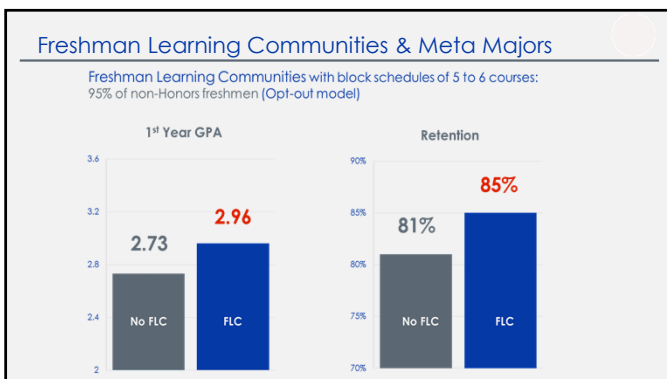
# 2.6

Average Number of Majors Cycled Through By Graduating Seniors in 2010

39



40



41

### Choice Architecture: Meta Majors

- Business
- Education
- Exploratory
- STEM
- Humanities & Arts
- Health Professions
- Policy/Social Science



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### Faculty and Department Seed Grants

Example: The Department of History Skills-Based Approach to U.S. History Survey Courses

- Use Tableau to interpret historical data
- Data viz software as tool for presenting historical findings
- Did NOT require any alteration to existing SLOs

44

**-32%**

Drop in Major Changes After the Freshman Year

45

# 5,760

Students Who Dropped Out of Georgia State in 2010

46

### Advisement: GPS Advising

Predictive Analytics Project with EAB

**10 YEARS OF DATA** | **2.5 MILLION GRADES**

**800+** ANALYTICS-BASED ALERTS

**144,000** STUDENT RECORDS

**30,000** STUDENTS TRACKED **DAILY**

47

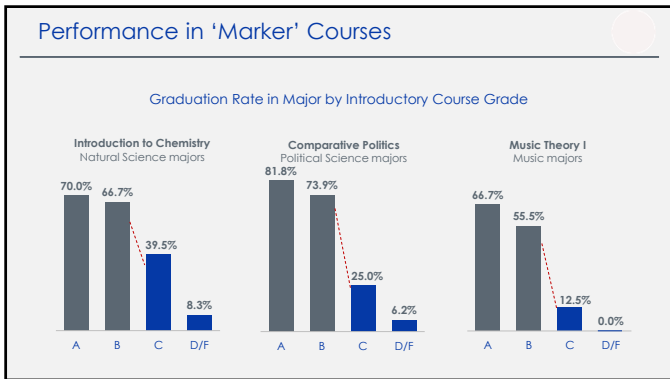
### Registration Tracking and Academic Maps

B.S. in Chemistry

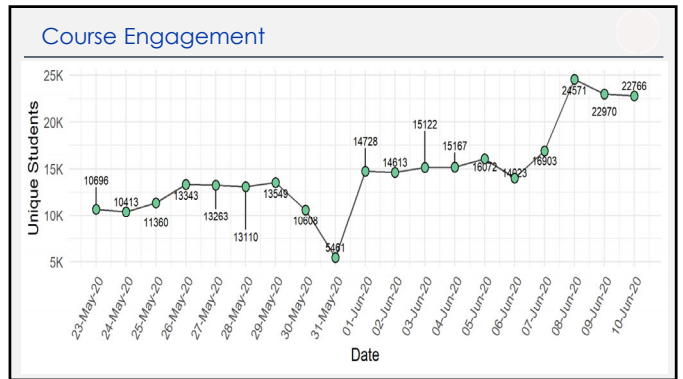
SEMESTER 1	SEMESTER 2
<ul style="list-style-type: none"> <li>• Complete 1 of ENGL 1101, ENGL 1102 or ENGL 1103 (C or Better)</li> <li>• Complete MATH 1113 or Higher (B- or Better)</li> <li>• Complete CHEM 1211K (B- or Better)</li> </ul>	<ul style="list-style-type: none"> <li>• Complete ENGL 1102 or 1103 (C or Better)</li> <li>• Complete MATH 2211 or Higher (B- or Better)</li> <li>• Complete CHEM 1212K (B- or Better)</li> <li>• Maintain a cumulative GPA of 2.25 or Better</li> </ul>
SEMESTER 3	SEMESTER 4
<ul style="list-style-type: none"> <li>• Complete CHEM 2400 (B- or Better)</li> <li>• Complete MATH 2212 (C or better)</li> <li>• Complete PHY 2211K (C or better)</li> </ul>	<ul style="list-style-type: none"> <li>• Complete CHEM 3410 (C or better)</li> <li>• PHY 2212k (B- or Better) (C or better)</li> <li>• Maintain a cumulative GPA of 2.25 or Better</li> </ul>
SEMESTER 5	SEMESTER 6
<ul style="list-style-type: none"> <li>• Complete CHEM 4000 with a C or Better</li> <li>• Complete CHEM 4110 with a C or Better</li> </ul>	<ul style="list-style-type: none"> <li>• Complete CHEM 4010 with a C or Better</li> <li>• Complete CHEM 4120 with a C or Better</li> </ul>
SEMESTER 7	SEMESTER 8
<ul style="list-style-type: none"> <li>• Complete CHEM 4140 with a B- or better</li> </ul>	<ul style="list-style-type: none"> <li>• Complete CHEM 4190 with a C or Better</li> </ul>

48





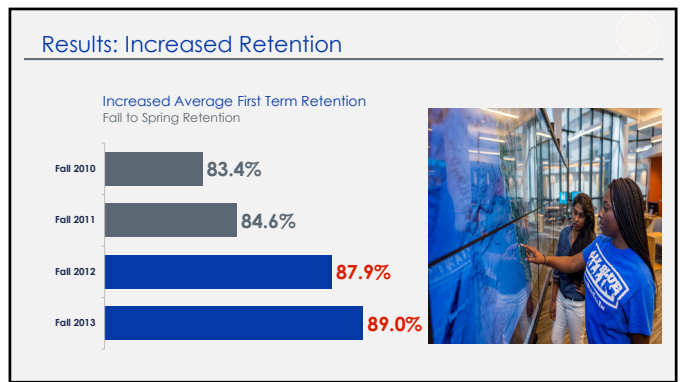
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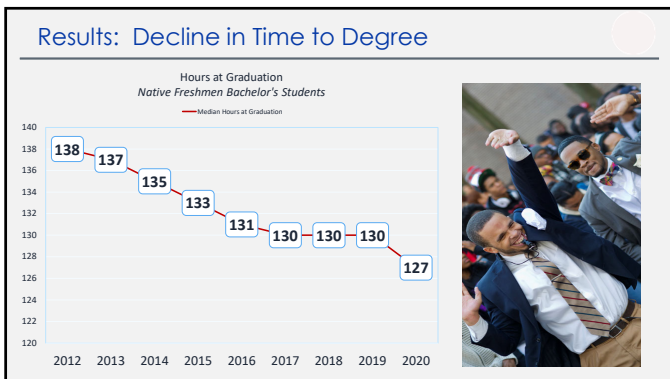
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Results: Confounding Expectations



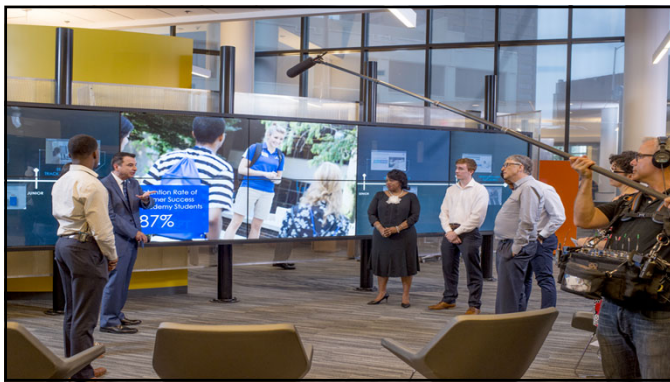
**STEM Degrees Conferred Since 2011** (with enrollment change)

Black	<b>+154%</b>	(50%)
Black Male	<b>+208%</b>	(54%)
Hispanic	<b>+324%</b>	(118%)

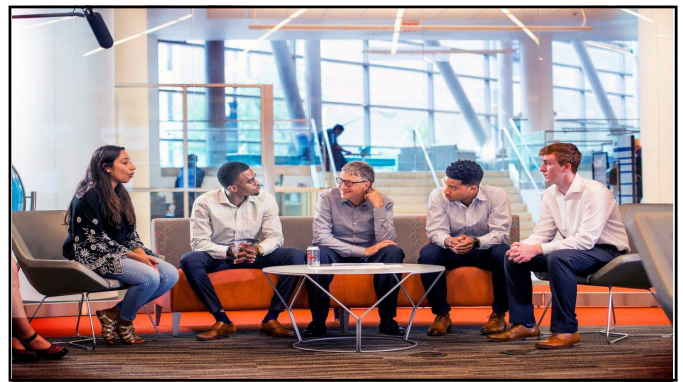
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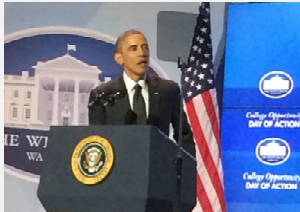



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Growing Recognition

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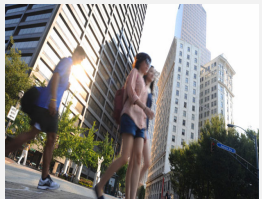
The Cost of Inaction

The Calculus of Student Success: ROI

1-point increase in retention = **340 students**

Average student tuition & fees annually/student = **\$9,800**

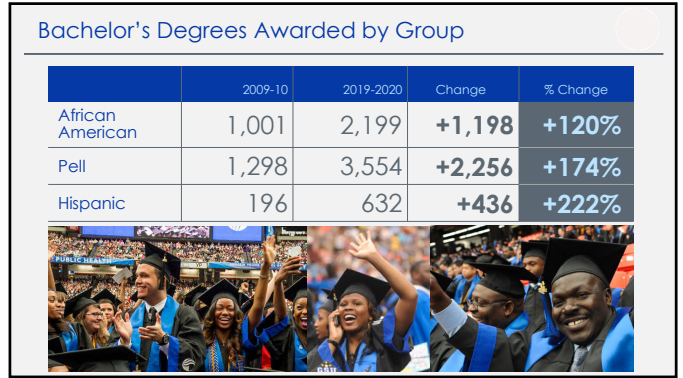
ROI for each 1-point increase = **\$3.32 million/year**



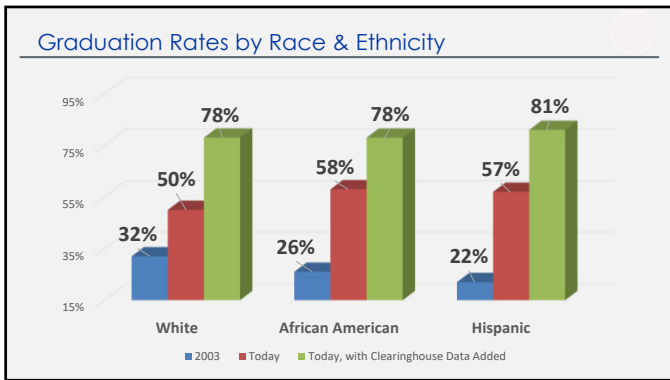
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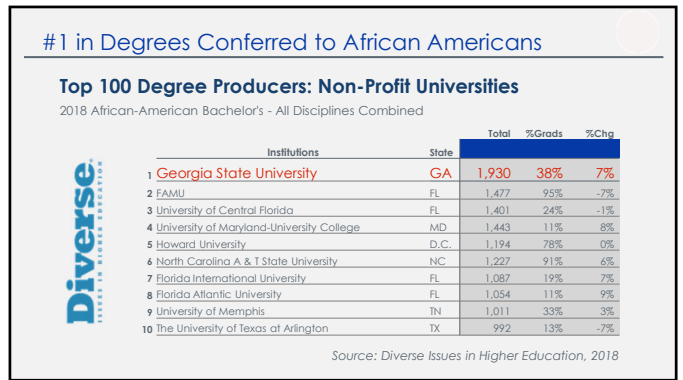
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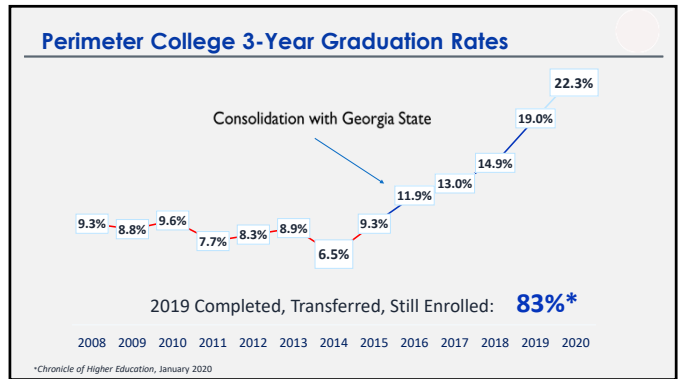
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### Perimeter College Graduation Rates: Equity

	2015	2020	Change
Overall	7%	22%	+15
White	10%	22%	+12
African American	4%	22%	+18
Hispanic	6%	25%	+19
Pell	5%	22%	+17

• IPEDS 3-Year Graduation Rates for Associate Degree Students

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# Predictive Analytics Demystified

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### Predictive Analytics Can Be Intimidating

A detailed flowchart titled 'Machine Learning Algorithm Cheat Sheet' from Microsoft Azure. It starts with the question 'What do you want to do?' and branches into various goals like 'Predict a continuous value', 'Classify data into categories', and 'Discover patterns'. Each goal is linked to specific machine learning algorithms and their characteristics.

Source: <https://docs.microsoft.com/en-us/azure/machine-learning/algorithm-cheat-sheet>

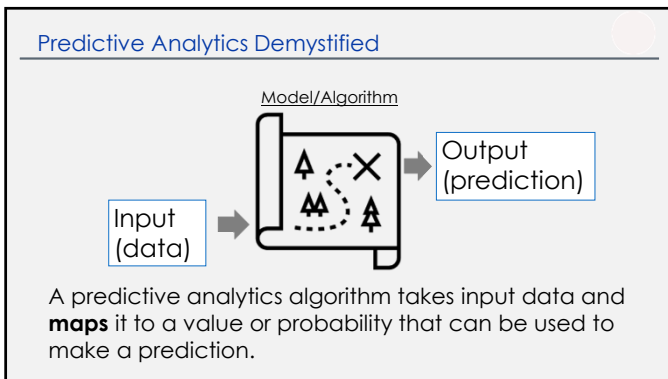
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### The Reaction

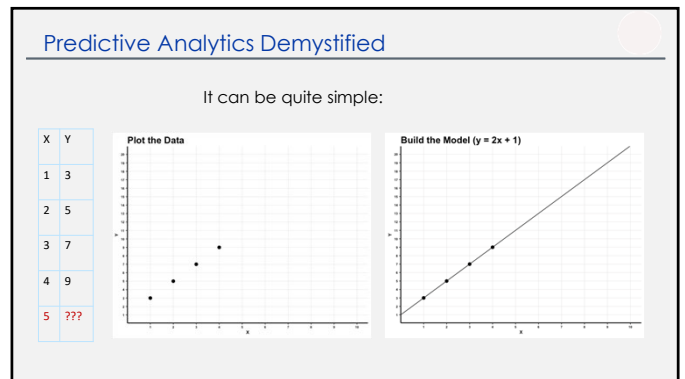
Predictive Analytics, Machine Learning, Regression, Clustering, Deep Learning, Neural Networks, Classification, Big Data, Random Forest, K-Means, Nearest Neighbor, Support Vector Machine

Doing Things The Old Fashioned Way

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Predictive Analytics Demystified

It can be quite simple:

X	Y
1	3
2	5
3	7
4	9
5	11

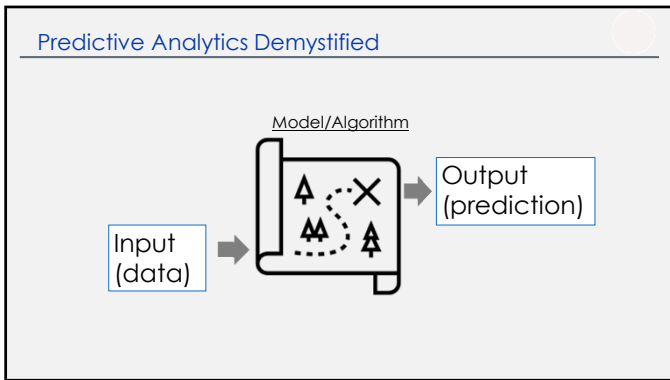
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Predictive Analytics Demystified

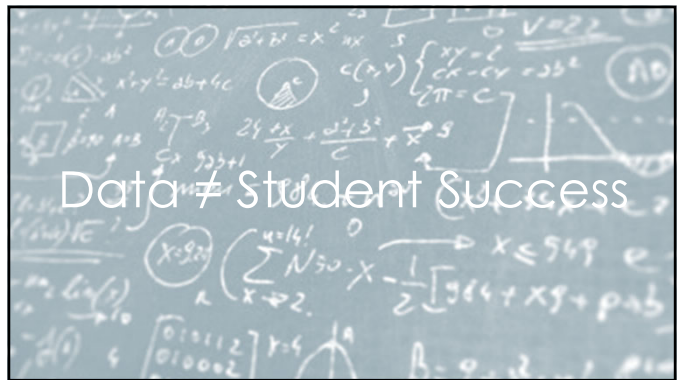
It can also be quite complex:

Source: <https://www.cs.yorcen.ca/~abarley/vil/conv/flat.html>

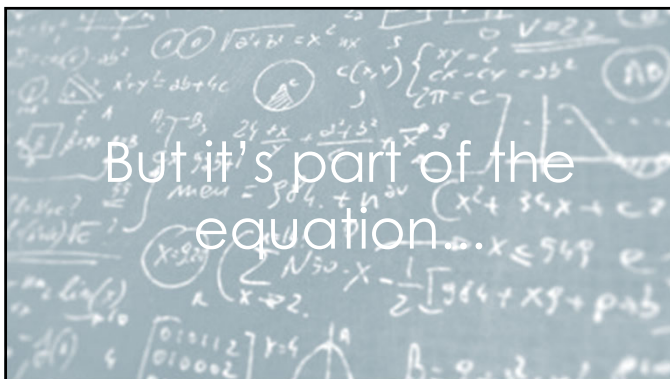
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Questions?

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**Webinar Evaluation**

<https://www.surveymonkey.com/r/DEInov2021>  
Link provided in follow up email or scan QR code below



CPE certificate and handouts will be emailed after the presentation.

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