

Who are we?

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 Chair, Department of Mathematics
- Bridget Parsh, RN, EdD
 Director, First Year Experience Programs
- Vanessa Newsome-Slade Undergraduate Student, Math
- Chevelle Newsome, PhD Dean, Graduate Studies



Executive Order 1110

- Gulding Principles
 The CSU is committed to providing students an equitable opportunity to succeed academically at the university and to providing rigorous instruction in annual advantage and providing rigorous instruction in a new particle of the communication and mathematical quantilative response.
- Rigorous high school preparatory experiences in general education written communication and mathematics/quantitative reasoning prepare prospective CSU students for academic success.
- Successful completion of general education written communication and mathematics/ quantitative reasoning courses in the first year of CSU enrollment establish a foundation for continuous learning.
- Freshmen in need of additional academic development are supported in the Early Start Program and in enhanced college-level, baccalaureate credit bearing courses.
- CSU faculty provide academic support by making curricular modifications to existing courses, by developing new courses, or by introducing innovative instructional approaches that achieve appropriately rigorous student-learning outcomes.
- General education written communication and mathematics/quantitative reasoning requirements completed at one campus seamlessly transfer to other CSU campuses.



EO 1110: changes

- Effective with this executive order, the English Placement Test (EPT) and the Entry- Level Mathematics (ELM) Test shall not be offered, and the EPT and ELM committees are discontinued.
- During the first academic year, unless the requirement has been completed, freshmen shall enroll in general education written communication and mathematics/quantitative reasoning courses appropriate to each student's major and skill level, as demonstrated by applicable systemwide standards



Sac State Info

- About 3900 first time college students each summer
- 8% math completion rate in the first year (2016)
- Math identified as obstacle to graduation
- English department developed online Directed Self Placement for first year English.
- >90% completion rate for English in first year



Who are today's incoming college students?

- https://www.beloit.edu/mindset/2021/
- First class born in 2000
- Think of themselves as consumers of college (\$\$)
- They have never had to watch a TV show at a scheduled time
- There has always been eBay and Google
- Bill Clinton has always been Hillary's aging husband
- Wifi is an entitlement



How does this effect engaging with them? They binge watch shows Can't they just binge watch class? They don't pay for music Why do they have to pay for books? They want to 'personalize' their education How does math apply to my major? They want to 'hack' college There has to be a short cut...where is it? There are things you don't know about them You don't know everything

About Sacramento State 300 acres on river 30,000 students 1800 faculty Diverse Public In capital city



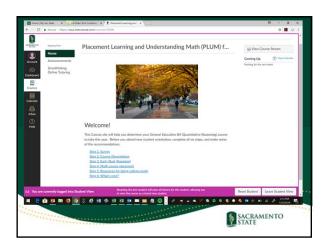
At Sacramento State... Approximately 3900 first time college students for Fall 2018 Increasing diverse student population 3 x EOP applications from Fall 2017 to Fall 2018 Geography Out of state students tripled over 2012 – 2016 Foreign students more than doubled 2012 – 2016 (Math) Preparation NCLB / Common Core How can we guide students to the "best" pathways for them?

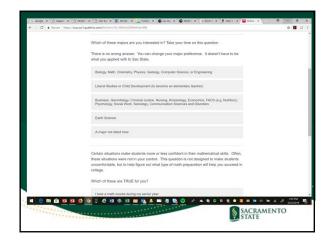
What is PLUM? Guided system, consisting of a self-inventory and a QR activity, for <u>all</u> students to assess and improve their QR

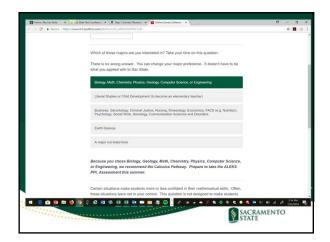
 Part of our University Plan to assess student math readiness to learn

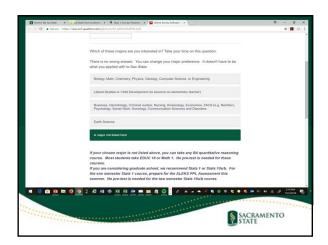
knowledge.

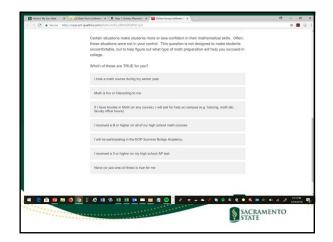


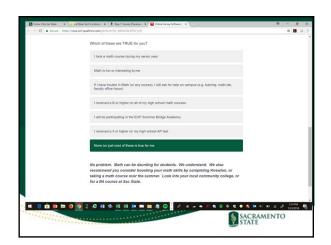


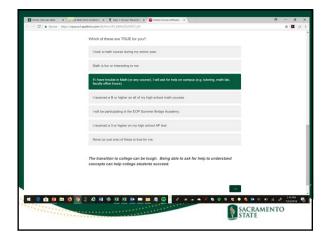


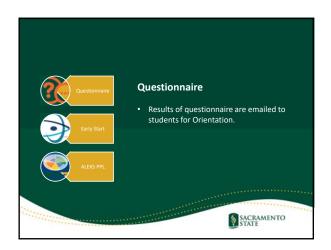


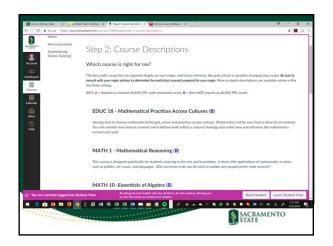


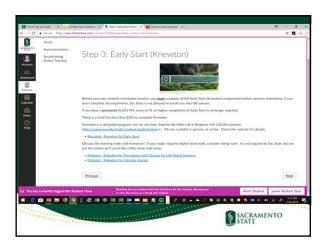




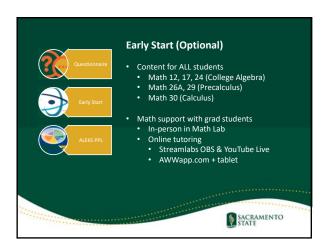


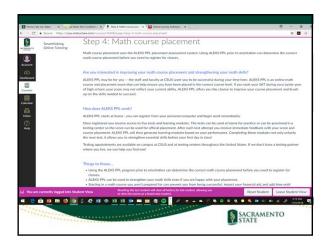


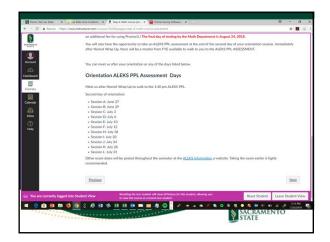






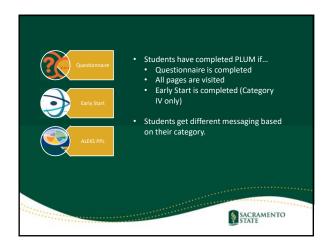


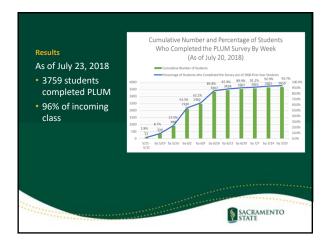


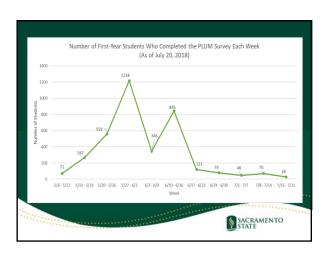












Cona	sboration = Key
	Departments involved:
	 Mathematics
	First Year Experience
	• IRT
	Outreach & Admissions
	First Year Orientation Team
	Center for College Readiness
	English – Writing Program
	Dean of Undergraduate Studies
	And the second s
	SACRAMENTO
	STATE

Thank you
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FINISH IN FOUR
AT SACRAMENTO STATE