

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered on the slide.

ARIZONA'S STATEWIDE SUMMIT

JEFF THIES
DEAN OF DEVELOPMENTAL EDUCATION
PIMA COMMUNITY COLLEGE

ENVIRONMENT

- 12 COMMUNITY COLLEGE DISTRICTS IN AZ
- THERE IS NOT A STATEWIDE GOVERNING/COORDINATING BOARD FOR COMMUNITY COLLEGES
- STATEWIDE ARTICULATION TRANSFER FACILITATOR (ATF) MEETINGS OCCUR EACH OCTOBER
- A MAJORITY OF THE DEVELOPMENTAL AND FIRST CREDIT COURSES IN MATH HAVE AN AGREED UPON OUTLINE OF [COMPETENCIES](#)
- THERE IS NOT AN AGREED UPON STATEWIDE CUT SCORE FOR ENTRY INTO COURSES

2017 PLACEMENT CHALLENGES ON THE HORIZON

- ACCUPLACER – CLASSIC TO NEXT GENERATION
- MULTIPLE MEASURES PLACEMENT
- OPPORTUNITY TO ENGAGE WITH COLLEAGUES, FEBRUARY 2018

ACCUPLACER CONSIDERATIONS

- WHICH MATH TESTS SHOULD BE USED FOR PLACEMENT INTO A STANDARD SEQUENCE BASED ON THE NEXT GENERATION TOPICS:
 - ELEMENTARY -> INTERMEDIATE -> COLLEGE ALGEBRA +
 - WHERE DOES THE QUANTITATIVE REASONING COURSE FIT IN?
 - IS THERE ENOUGH TRIG IN THE ADVANCED ALGEBRA AND FUNCTIONS TEST TO PLACE INTO CALC I?
- CUT SCORES
 - ACCUPLACER HAD NOT PROVIDED CONCORDANCE TABLES FOR ANY OF THE THREE NEW MATH TESTS

ACCUPLACER CONSIDERATIONS - CSEM

- AROUND EACH SCALED SCORE, A VALUE IS COMPUTED TO INDICATE THE LEVEL OF CERTAINTY ABOUT WHERE A TEST TAKER'S TRUE SCORE MAY LIE GIVEN THE SCORE THAT THEY OBTAINED. THIS IS REFERRED TO AS THE CONDITIONAL STANDARD ERROR OF MEASUREMENT (CSEM). **THESE VALUES MAY BE USED TO REPORT A CONFIDENCE INTERVAL WITHIN WHICH AN EXAMINEE'S TRUE SCORE MIGHT FALL, GIVEN THAT EXAMINEE'S OBTAINED SCORE.** FOR EXAMPLE, IF AN EXAMINEE RECEIVES A SCORE OF 250 ON A NEXT-GENERATION PLACEMENT TEST AND THE CSEM IS 4.9, THERE IS A 68% PROBABILITY THAT THE EXAMINEE'S TRUE SCORE IS WITHIN THE 245.1 AND 254.9 RANGE. IN OTHER WORDS, IF THAT EXAMINEE TOOK THE TEST 100 TIMES AND THE RANGE WAS COMPUTED EACH TIME, THEN APPROXIMATELY 68% OF THESE RANGES WILL CONTAIN THE PERSON'S TRUE SCORE. A SMALLER VALUE OF CSEM PROVIDES MORE PRECISE MEASUREMENT.

- FROM ACCUPLACER'S PROGRAM MANUAL, 2018, PAGE 9

MULTIPLE MEASURES CONSIDERATIONS

- HSGPA
 - CUMULATIVE
 - CONTENT SPECIFIC
 - UNWEIGHTED
 - COURSE SPECIFIC
- SAT/ACT
- OTHER TESTS: GED, AZMERIT, AP'S IN RELATED CONTENT
- AGE OF THE MEASURE
- PROCESS
 - COLLEGE READY ONLY OR DEVELOPMENTAL?
 - WHO REVIEWS?
 - HOW IS IT FLAGGED/TRACKED IN THE SIS?

MULTIPLE MEASURES CHALLENGES

- RETRIEVING THE DATA
 - SAT/ACT SCORES
 - HS DATA PARTNERSHIPS
- IT
 - DATA WAREHOUSE
 - SIS AND REGISTRATION TOOLS IN SYNC
- COMMUNICATION WITH STUDENTS
 - WEBSITE
 - HS COUNSELORS
 - STUDENT AFFAIRS
- APPROVAL PROCESS (OK TO REGISTER)
 - WHO (CHAIR/DEAN/SA STAFF)?
 - WHAT (IT)?
 - HOW (CURRICULUM – PREREQUISITE OVERRIDES)?

OTHER EXPERIENCES?



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