

MINUTES

March 11, 2026
2pm-3pm via Zoom

Attendees: Aimee Carrillo, Carl Freschl, Alexander Jones, Ephantus Mogere, Becky Reetz, Soma Srinivasan, Sadika Sulaiman Hara, Cari Torres-Benavides

Chemistry Program Review

- **Insufficient Student Learning Outcomes (SLOs)**
 - Very few SLOs included in the Chemistry Program Review
 - Unclear how SLOs are currently assessed
- **Assessment gaps**
 - Need assessment of intervention effectiveness.
- **Need clearer articulation of:**
 - Program objectives
 - Student outcomes
 - Assessment methods

Chemistry Program Data (PRIE)

- **Enrollment**
 - Good enrollment overall
 - Gender ratio shows higher female-to-male rate, consistent with the college population
- **Student Demographics**
 - Strong representation of Hispanic and White students
 - Majority of students are 18–24 years old
 - Most students plan to transfer
- **Declared Majors**
 - Highest rates: Biology & Registered Nursing (RN)
- **Success Metrics**
 - Hispanic students show lower success across several terms
 - DI observed for ages 25–29
 - Gender success rates appear consistent

Disproportionate Impact (DI)

- **Key Concerns**
 - Hispanic student success rates are lower in multiple terms
 - Why is the success rate lower for Hispanic students?
 - DI is currently unaddressed in the program review
 - Need instructional-level solutions

CHEM 114C

- Companion course designed for students needing math refresh before chemistry
 - Why was it discontinued?

Physics Program Review

Enrollment Trends (PRIE Data)

- **Student Demographics**
 - Low enrollment among Black/African American students
 - More male than female students
 - Most students plan to transfer
- **Declared Majors**
 - Highest rates: Computer Science & Physics

Disproportionate Impact (DI)

- No DI in enrollment by ethnicity.
- DI observed in Hispanic students for retention and success.
- DI observed for males in Spring 2025.
- Sample size should be considered when interpreting DI.

Barriers to Enrollment

- No introductory physics course available.
- Multiple prerequisites limit access to the program.
 - Unclear whether math prerequisites are communicated effectively
 - Create intro-level course
- Limited outreach regarding physics courses
 - Advertise during Summer Bridge
 - Offer STEM career exploration counseling course

- No collaboration currently noted with EOPS & Umoja

Physics 110/110L

- Physics 110 satisfies lecture requirement but not lab requirement
 - Students must take an additional lab course and accumulate extra units to fulfill requirement – uses additional Pell Grant & Cal Grant funding and creates unnecessary unit accumulation for transfer students
 - Recommendation: do not run PHYS 110 without 110L so students complete the full requirement