

EPSCoR OBJECTIVE

“To broaden participation in science and engineering by institutions, organizations and people within and among EPSCoR jurisdictions”

Interpretation

Develop the intellectual leadership necessary for a successful and ongoing science and technology infrastructure.

Expand the current intellectual base.

What to Look At: University

- Students

 - STEM Ph. D. production

 - (with EPSCoR state baccalaureate origin)

 - STEM BA/BS production

- Faculty

 - # of Tenured Professors, Full Professors

 - Articles in peer-reviewed journals

- Research Staff

 - # of Funded Research Centers and Institutes

What to Look For

Disaggregate “What to Look At” by:

Gender

Race

STEM Area

Higher Education Institution

Time to Degree

Where to Find It

Use easily available public metrics.

Access the metrics online.

WEBCASPAR <http://caspar.nsf.gov/>

Utilization Report (University Affirmative Action Office)

IPEDS Data (University Institutional Research Office)

Compare

Other EPSCoR States

Non-EPSCoR States

University Benchmarks

What some Universities in non-EPSCoR States Are Doing To Get URM Students

- SPECIAL RECRUITMENT
- FORMAL/INFORMAL ARTICULATION AGREEMENTS WITH COMMUNITY COLLEGES WITH SIGNIFICANT MINORITY STUDENT ENROLLMENTS
- PARTNERSHIPS WITH MINORITY-SERVING INSTITUTIONS INCLUDING SUMMER RESEARCH OPPORTUNITIES
- SCHOLARSHIPS AND FELLOWSHIPS

CREATING SUPPORTIVE CLIMATE TO KEEP THEM THERE

- EXTRACURRICULAR ACTIVITIES FOR DEPARTMENTAL MAJORS
- UNDERGRADUATE RESEARCH/TEACHING OPPORTUNITIES
- STUDENT STUDY GROUPS
- TUTORIALS OR OTHER SUPPORT SESSIONS
- FACULTY WITH SPECIAL INTEREST/REPUTATION FOR WORKING WITH MINORITY STUDENTS
- STEM STUDENT ORGANIZATIONS