Connecting Efforts to Support Minorities in Engineering Education Workshop

Existing Collaborations

Programs Along Educational Pathways

Undergraduate to Graduate Education and beyond.

THE NATIONAL GEM CONSORTIUM
Our vision is simple, it is one of **scientific impact**
Mission

We believe that one of the best ways to achieve that vision of scientific impact is by creating high-performing diverse groups by empowering all to achieve their fullest potential in STEM.
Who is we?
The National GEM Consortium is made up of over 120 of the top universities in the country and about 50 major corporations.
Our Value Proposition

The GEM value proposition is very compelling, as it covers multiple returns on investment:

**Highest Quality**
- 3.5 average GPA
- Successful alums (Ursula Burns, Reggie Van Lee, 50% minority female deans of Engineering Schools)

**Ease Of Use**
- Talent available online through a web portal so **no need to leave your desk**
- We find the talent for you and place them in your view for evaluation and selection

**Cost Savings**
- Save anywhere from **25-50% off** of existing tuition reimbursement programs

**Sustainable**
- Access talent at all levels (entry, junior, senior) to create a diverse ecosystem
The GEM Model

Break Mental Barriers  
Provide Financial Pathways  
Provide Community Support
The GEM Model

Break Mental Barriers

- A PhD is only good if I want to be a professor
- I cannot afford to continue my education
- I need to start working now to build a proper career trajectory.
The GEM Model

Provide Financial Pathways

Universities

Government

Industry
The GEM Model

Provide Community Support

Mentorship

Sponsorship

Friendship
Looking Towards The Future

Scientific Impact
Impact Planning

K-12 → High School → Under Grad → MS/PhD

Long-Term
Immediate

Industry
Academia
Entrepreneurship

Current scope
Opportunity to influence

National Academy Of Engineering -- Connecting Efforts to Support Minorities in Engineering Education Workshop