



Education and Outreach

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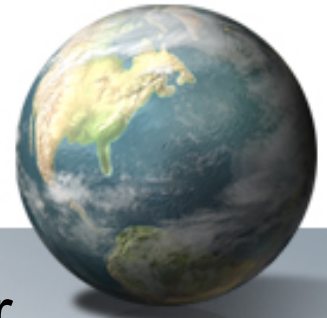
Dr. A. A. Kumar (K-16 programs)

Dr. S.K. Aghara (Integration)





Objectives



1. Guide the current efforts to establish a minor (undergraduate level) and extend it to a MS Emphasis (at the graduate level) in Energy Engineering
 - Recruit at least 10 M.S. and 30 B.S. students into these programs by the fifth year of the Center
2. Establish an Energy Engineering Learning Community
3. Develop recruitment strategies for CEES research projects
4. Encourage internship participation
5. Provide graduate students mentoring and professional development and teaching experiences
6. Connect with currently-funded E&O programs



Recruiting

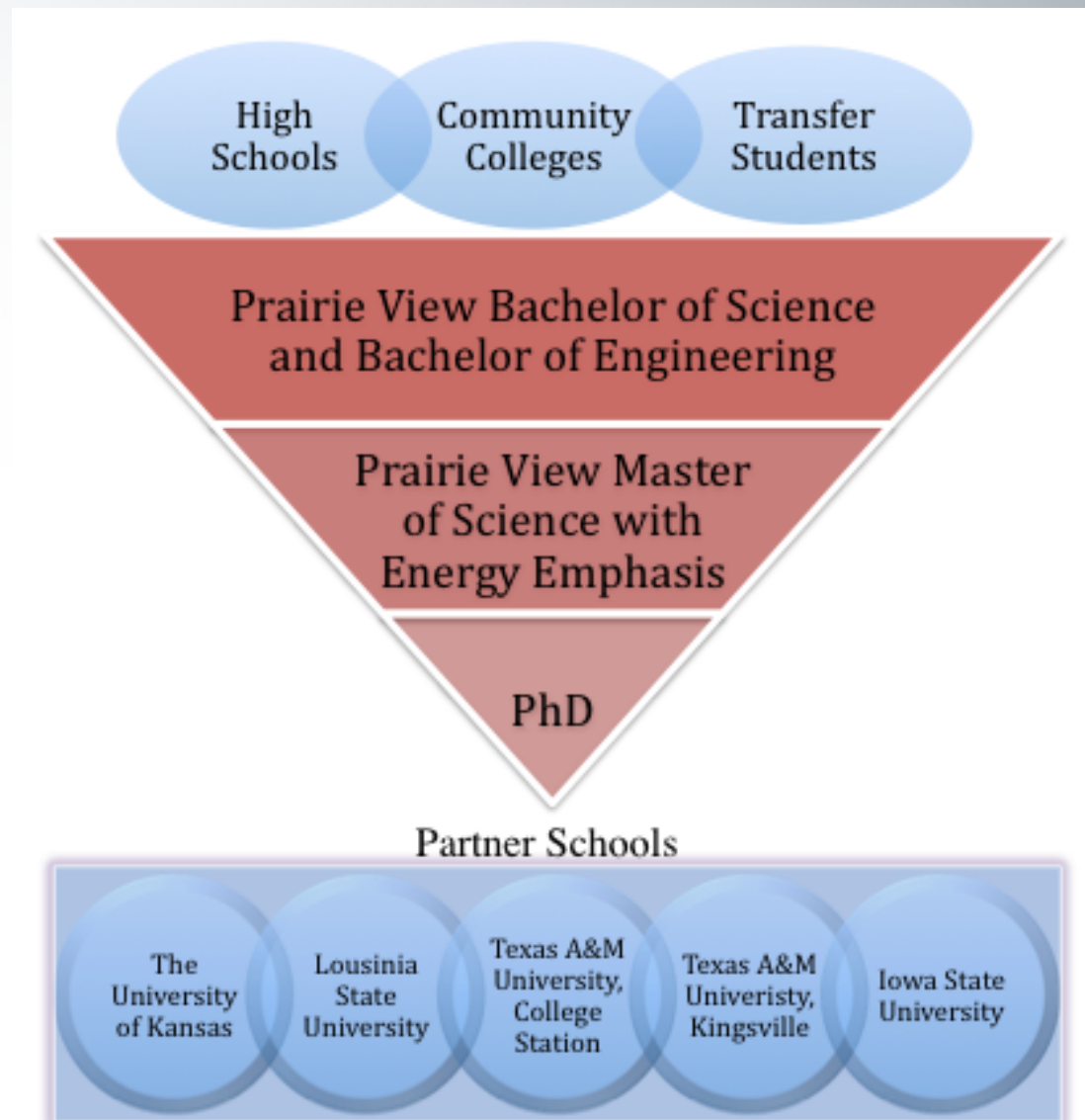


- Freshmen and Sophomore Scholarship program,
- National Science Foundation - Louis Stokes Alliances for Minority Participation (NSF - LSAMP)
- Summer pipeline programs
- Student list exchange with partner institution
- K-12 recruiting through activities such as the existing Project XLR8, funded by the Thurgood Marshall College Fund and the Bill and Melinda Gates Foundation





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Energy Engineering Learning Community



- The Learning Community will incorporate:
 - linked, interdisciplinary courses
 - through the Energy Engineering minor
 - professional development and social activities
 - *colloquia and seminar series* with nationally known invited speakers
 - *brown bag lunch series* for graduate students
 - research experiences
 - Multi-level research groups, interdisciplinary mini-projects, internship opportunities
 - formal and informal mentoring