



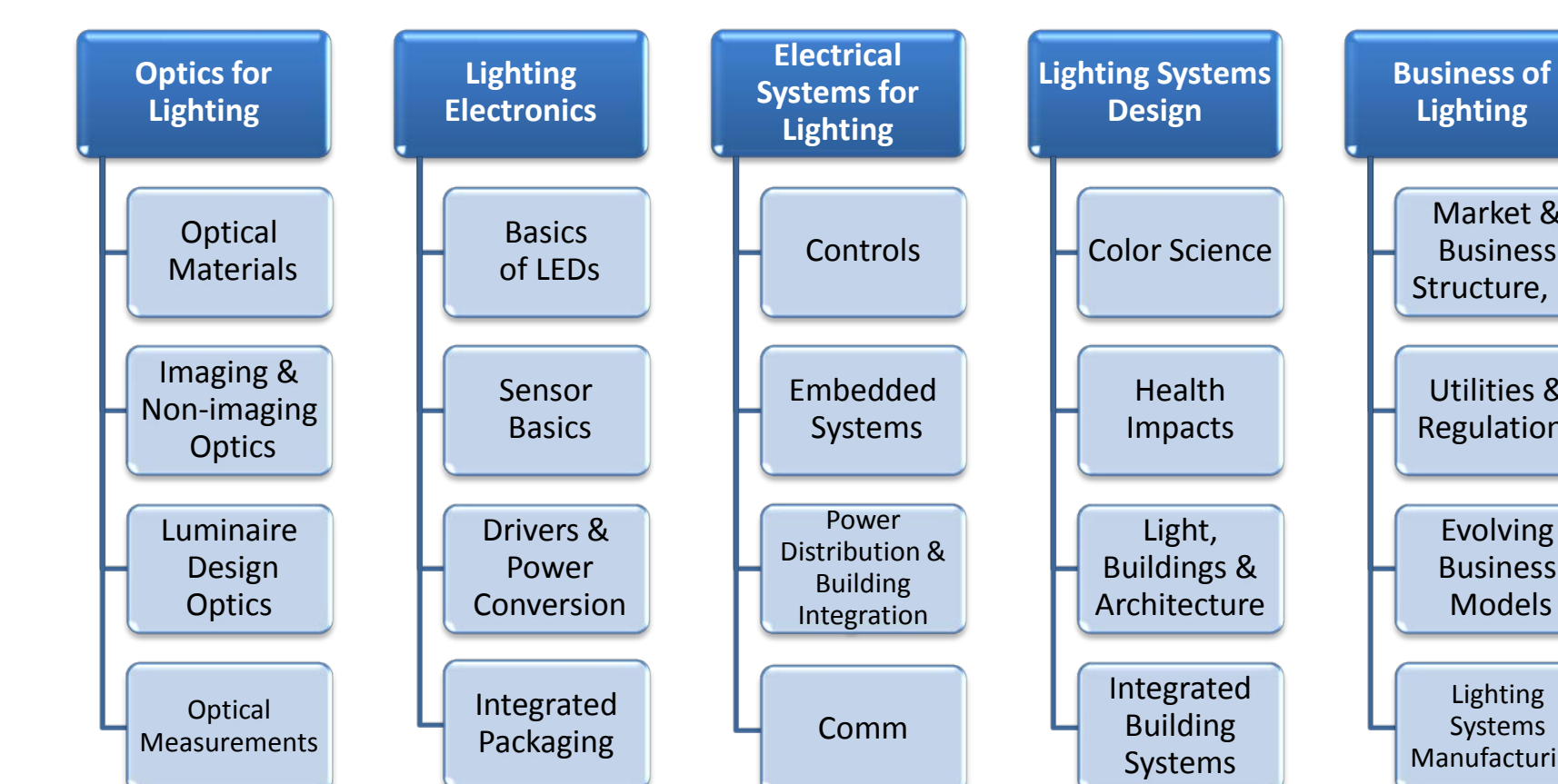
SMART LIGHTING ENGINEERING RESEARCH CENTER

Education & Outreach



Engineered light for the benefit of humanity

Illumineer Curriculum



Foundation for All E&O Activities

Research Partners



Educational Outreach Partners



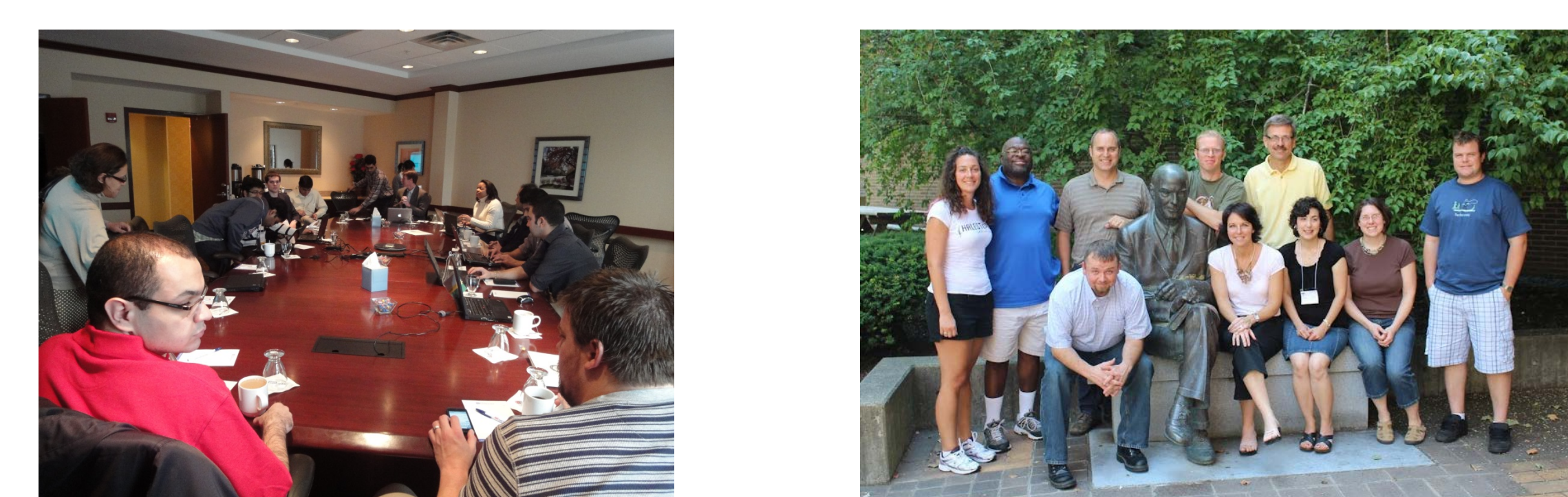
Sponsors



Perfect Pitch. Grad students mentored by industrial members and others on fast pitch on their research at ERC Industry Meeting.



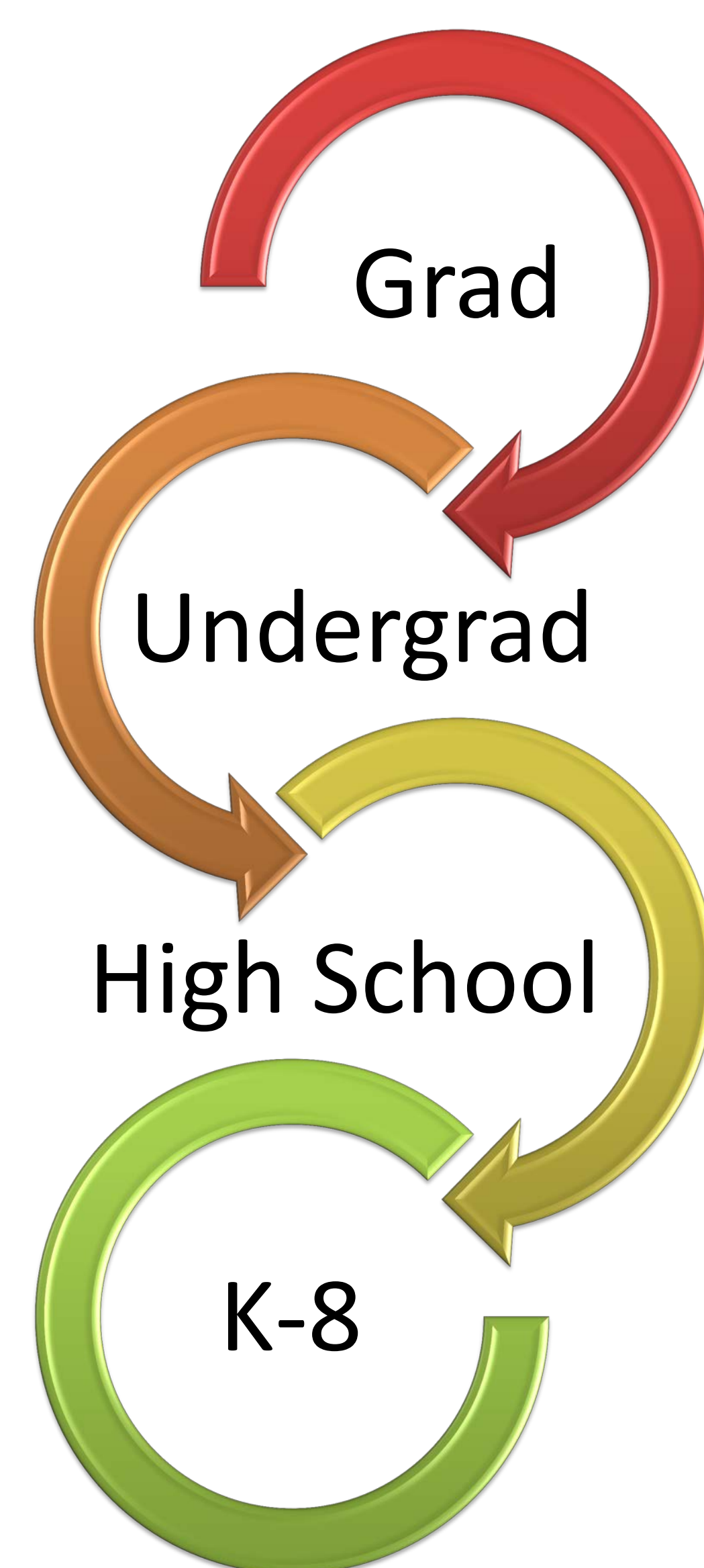
Summer REU Students are mentored by grad students and, in turn, mentor high school students and teachers and each other.



Research Group Meetings and Summer Teacher Programs are effective peer learning experiences because of the maturity and common language of multidisciplinary participants.

Mentoring. Everyone mentors and is mentored – all benefit from both roles.

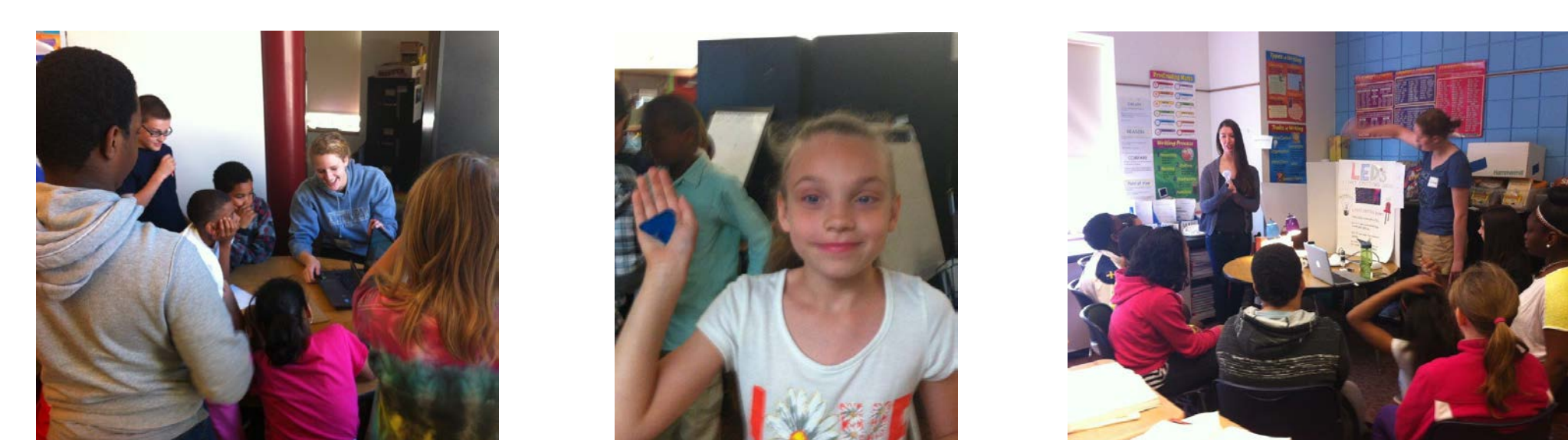
Student-to-Student Mentoring



High School Student Summer Program
Grad students organize & run program with help from undergrad mentors.



Undergraduate Engineering Ambassadors deliver Smart Lighting message and other STEM messages to high school science & math students.

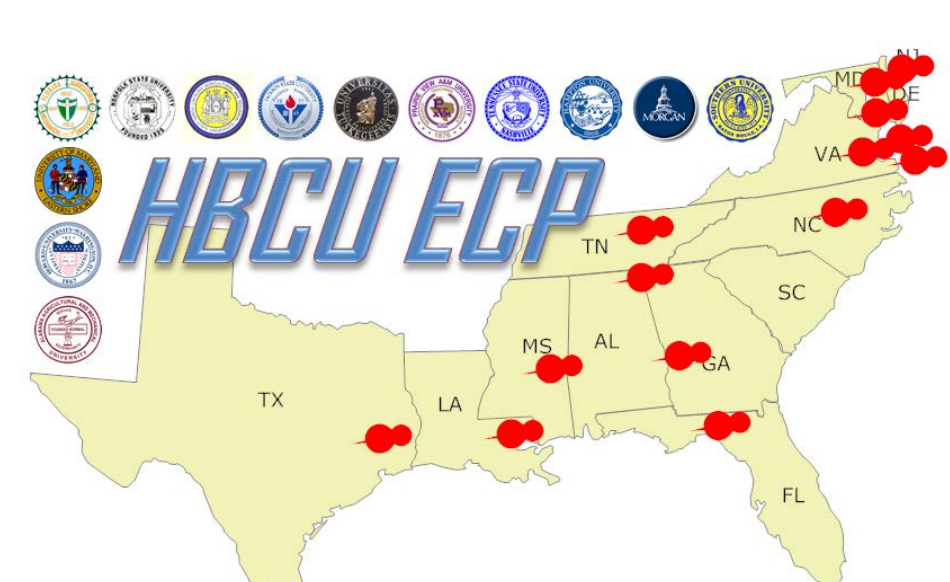


New Visions High School Students introduce 5th graders to Smart Lighting.



Pre-Service Teachers are mentored in light-based classroom technology.

Educational Collaborations



13 Historically Black Colleges & University ECE Programs are implementing experiment-centric pedagogy to improve student learning and increase retention and enhance partner collaboration



Southwest Indian Polytechnic Institute ERC helping improve student learning with instruction and infrastructure



New Visions STEM High School sponsored by the ERC provides many opportunities to explore and guide K-8 students toward STEM careers using smart lighting content & activities.