

Impacts of the Center for Education in Science, Technology, Engineering and Mathematics (CESTEM)

- Hosted 25 professional development (PD) programs and outreach activities and served 518 participants, totaling 5,875 of contact hours of instruction, with most awarded licensure renewal or graduate credit hours.
- Technology materials have been loaned to 87 unique teachers and 448 total teachers, impacting the education of about 13,187 students.
- Continues to participate on writing teams with UNCW faculty and staff via CESTEM presentations and attending research meetings; to develop and nurture relationships with our K-12 formal and informal education partners; and has begun to partner with the Chancellor's outreach office and advancement on generating corporate and foundation partnerships.
- Has developed and integrated a new database of TLP materials and posted to our webpage; additional grants have been written to further expand the contents of the TLP; and borrowers are more quickly returning for TLP items after initial checkout and experience.
- Provided services directly to K-12 students through programs such as the NC Southeast Regional Science and Engineering Fair, the Wilmington Regional Science Olympiad, the North Carolina Science Festival STEM Expo, the Professional Development System (PDS) STEM Teacher Conference and StarLab Portable Planetarium presentations. It also sponsors family STEM nights for local K-12 students and their parents. A total of 3,117 individuals were involved, totaling 15,333 contact hours.
- Continues to pursue grants to support its activities and has been successful obtaining several, often with regional colleagues across campus and/or regional LEAs, such as 2 Department of Education Mathematics Science Partnership efforts (PBM and MACC), a North Carolina's ESEA Title II-A Improving Teacher Quality Grants (INCOME), a North Carolina Biotechnology Center's Introduction to Biotechnology and multiple Burroughs Welcome PRISM Awards.
- Will maintain the number of Professional Development (PD) opportunities, participants served, and contact hours offered to our partners; continue to market PD opportunities more directly to UNCW students, teacher candidates and K-12 teachers in the classrooms; and begin efforts to engage social media (Facebook, Twitter, Website) to increase PD workshop awareness and interest