CSTH

College of Science, Technology, and Health
The College

- Teaching and Learning
- Research
- Service and Outreach

STEM
Science, Technology, Engineering and Mathematics
Nursing and Health Professions
Academic Programs

- STEM and health-related undergraduate and graduate programs
- Workforce Development
  - Existing and emerging needs
    - Nursing, engineering, computer science and information technology
    - Energy, bioinformatics, cyber security, innovation
  - Capacity to meet need
Attracting and Retaining Students

• Scholarships, internships, mentoring
  • *The Pioneers Program*
• Marketing programs and opportunities
• Facility improvements
  • Science
• Delivery of programs
  • Off Campus Degree Programs
  • Distance Education
Partnerships

- Community Colleges
- USM & UMaine at Brunswick
- Maine Medical Center Pilot Project
K-20 Pipeline

• Preparing students for the next step
• Engage K-12 Students and Faculty
  • Education Outreach Activities
• Teacher Education
  • Undergraduate and graduate program for STEM teachers
Research

- STEM and Health Research
- Research and Teaching

Contracts and Grants Activity

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<thead>
<tr>
<th></th>
<th>FY10</th>
<th>FY09</th>
<th>FY08</th>
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<tr>
<td>CSTH Total</td>
<td>$ 6,002,779</td>
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<td>% USM Total</td>
<td>15%</td>
<td>14%</td>
<td>10%</td>
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Economic, Health, and Community Development

• Work with over 100 companies and agencies
• Manufacturing Applications Center
  • USM & Maine Center for Economic Dev.
  • USM & UMaine Manufacturing Partnership
• A wide-range of health initiatives
Advisory Councils

College of Science, Technology, and Health

School of Nursing

School of Engineering and Physical Sciences

School of Environment, Health, and Life Sciences
Foundation

Record of accomplishment

Opportunities
Questions or Comments?