STEM at Kapi‘olani Community College

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CHARLES SASAKI, DEAN OF ARTS & SCIENCES
### Basic Facts About STEM at Kapi’olani Community College

**Key Features**

- ASNS degree with four Concentrations
- $15 million in external funds received to date
- $4 million in pending funding (NSF; U.S. DoEd)
- With AACC mentorship, will explore a possible CTE STEM track & NSF ATEP project

**Key Funders & Stakeholders**

- NSF
- NIH
- NASA
- AACC
- Grants housed at UH Manoa and UH Hilo
- Kamehameha Schools
Coming Soon to STEM
Kapi’olani Community College

Fifth ASNS track in Laboratory Sciences

STEM innovation across campus:

- Undergraduate Research
- STEM Center

Mo’ili’ili STEM learning site in partnership with Kamehameha Schools
Organization of STEM at Kapi‘olani CC

Structurally, STEM has been integrated into KCC’s academic programs
DC for Math & Sciences also serves as organizational lead for STEM
Management of STEM Funding

Funding for STEM operations are provided from a combination of G-funds, grants, and donations managed through the UH Foundation.

- Department Chair assigned time
- (STEM Director)
- STEM Outreach Coordinator (APT)
- STEM APTs (funded by each project)
- Indirect Costs returned to STEM on request
- UH Foundation
## Marketing & Institutionalizing STEM
Kapiʻolani Community College

<table>
<thead>
<tr>
<th>Marketing and Publicity</th>
<th>Institutionalization</th>
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<tbody>
<tr>
<td><strong>STEM has been</strong></td>
<td><strong>STEM was built around</strong></td>
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<tr>
<td>identified as one of</td>
<td>an academic program</td>
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<td>the campus’ featured</td>
<td>(ASNS)</td>
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<td>academic programs</td>
<td>The STEM Center is a</td>
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<td><strong>STEM Marketing</strong></td>
<td>partner to schools and</td>
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<td><strong>Coordinator (grant-</strong></td>
<td>faculty</td>
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<tr>
<td>funded)**</td>
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<td><strong>Facebook &amp; Website</strong></td>
<td><strong>STEM innovation across</strong></td>
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<td><strong>campus</strong></td>
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Metrics of Success for STEM
Kapi’olani Community College

ARPD for ASNS degree used to document qualitative & quantitative achievements
Student progress tracked
Partner with External Evaluators
Maintain national visibility
- Conference presentations
- Peer reviewers
- Higher Ed organizations
Aloha from Kapi‘olani Community College

stem.kcc.hawaii.edu