OFIE Evaluation & Planning Frame: Kapiolani STEM Enterprise

UH Hilo
EPSCoR Research
STEM Majors

UH Manoa
EPSCoR Research
STEM Majors

Ho'omi'i

Transfer agreements between KCC + UHH + UHM

Ka'ie'ie

KCC STEM Program

Building Research Infrastructure—NSF & EPSCoR funded
- undergraduate research experience & research fair*
- internship expo* equipment & supplies*

ASNS Degree
- **Life Sciences** TCUP Goal 1 STEM Learning Continuum; Goal 2 STEM Community of Practice
- **Physical Sciences** Goal 1 Establish pre-engineering education collaborative w/ HCC, LCC, WCC, UHMC, UHM

- Learning Assessment, course & program
- Curriculum review
- Increasing online course offering

Central features: Comprehensive Participant Support
- Summer bridge program
- STEM Scholarship
- Peer mentoring
- Peer-led unit study
- First-year Service-Learning and Science, NSF TCUP2, SENCER
- Outreach to Native Hawaiian & other talented STEM students
- LS-AMP Funding
- Faculty development; SENCER and campus summer institutes

STEM Learning Center—Phase 2 Renovation Completed
- active collaborative learning
- faculty-student interaction
- academic challenge
- student effort
- nurturing support for learners

International Planning
Pacific Islands Colleges (LS-AMP)
Japanese & Korean institutes of technology

Partnerships Development
- mutually beneficial with tactical planning, reciprocal resource flows

Collaboration To Partnership

Private Sector

Johnson Controls
Oceanic Time Warner Cable
HECO
Kiewit
Ansaldo Honolulu
3D Innovations
Keaki Technologies
Alakaina Foundation
Oahu Transit Authority
Pacific Biodiesel
Oceanit

Collaboration To Partnership

Public Sector

Palolo Homes
Malama I Na Ahupua'a
Malama Maunalua
Nature Conservancy
UH Sea Grant
C-MORE
UH Manoa URM
NSF ATE Programs
NHSEMP
HSGC
Waikiki Acquarium
Bishop Museum
Lyon Arboretum
Hawaii Nature Center
Kupu
Hui o Koolaupoko

K-12 Outreach

EPSCoR & KCC funded
- Honolulu District Science Fair, February 11, 2012
- Service-Learning State-wide Initiative
- Palolo STEM Pipeline
- Science Discovery Program
- Summer middle school program

KCC
- Kuilei
- 8 Oahu feeder high schools
- Principal's Council
- Improving math scores

Source: Office for Institutional Effectiveness
Updated: October 10, 2011