

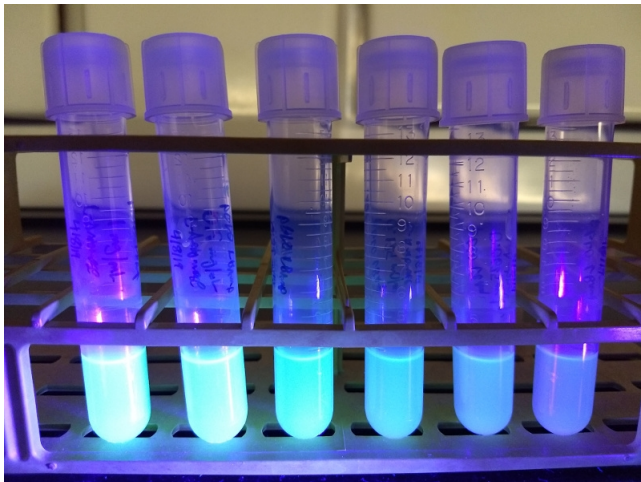


BIOTECHNOLOGY

Biotechnology

Program Review Presentation

Cohort 1: 2018-2019



AMERICAN RIVER COLLEGE

BIOTECHNOLOGY Profile

Only Community College Biotech program in Sacramento area

Provides CTE Training:
Cell and Molecular Biology
Laboratory Skills
Biotech and Biomedical Industry



Prepare students for entry level employment in Biosciences and/or transfer to 4-year institutions

In person and online course offerings



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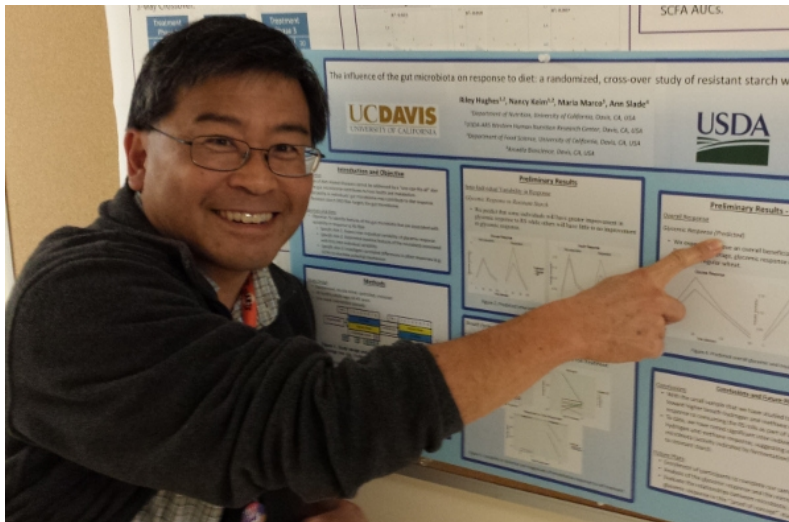


BIOTECHNOLOGY

Historical Analysis

Program Strengths:

>20 years of:
High Quality Training
Community Engagement



Program Challenges:

NVBC Closure
Enrollment

Including for disproportionately
impacted groups!
Outreach and Advertising



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BIOTECHNOLOGY Objectives

Successes:

Collaborations

IRACDA, Biohack the Planet grants

Events

UC Davis Genome Center Symposium, USDA lab tour

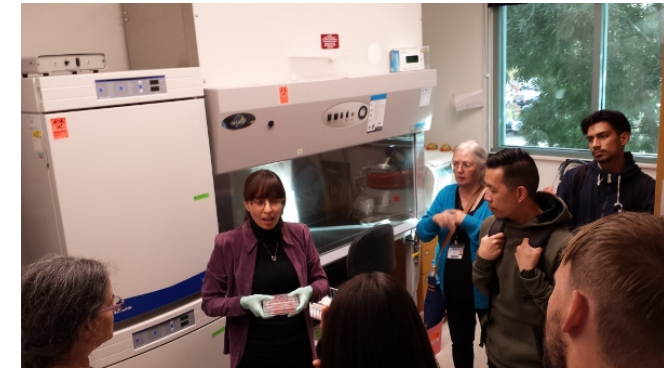
Clear Pathways

Articulation agreements

Biotech Club is back!

Ongoing Laboratory Projects

Nanodrop and other updated equipment



Goals:

Update Curriculum, Equipment, and Lab Activities

Integrate more Biotech into Biology courses

Reengage the community

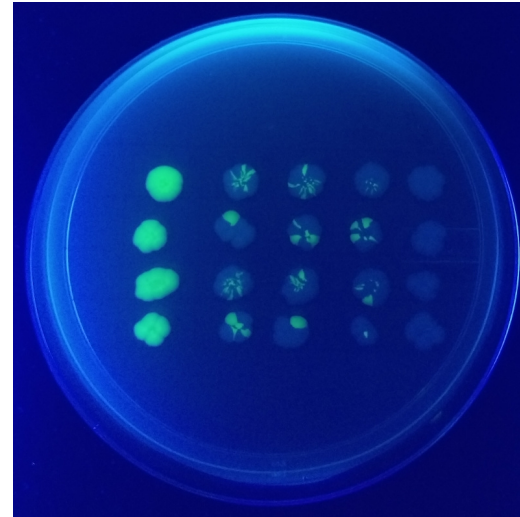
Improve internship and job placement



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Strategic Enhancement

The Biotechnology Program strives to create a vibrant and diverse community that engages in collaborative projects on campus and with other institutions in the region and the community at large to help people better understand cell and molecular biology and train students for careers in Biotechnology, Life Sciences, and Biomedical fields.



Planning Steps

Update BIOT 311 lab activities
Research methods course?

Adapt introductory Biotech lab activities for other Biology courses

Update BIOT 305 and improve online education experience

Explore producing Biotech video content

Outreach and Advertising

