

SCCRC “College Showcase”

Santa Barbara City College
in collaboration with
**CCPHIT: California Consortium for Public Health
Informatics & Technology**

March 15, 2024



Introductions & Context

Charles Daramola, EdD

Professor & Program Director, Public Health Science
Bakersfield College

Celine Park, EdD

Director of Employer Engagement
Santa Barbara City College

... Other partners joining us today for this presentation

David Gatewood, PhD

Dean, Health Sciences & University Programs
Shasta College, Redding

View funding announcement on the ONC webpage: <https://www.healthit.gov/topic/interoperability/investments/public-health-informatics-technology-phit-workforce-development>





CCPHIT



California Consortium for Public Health Informatics and Technology

CCPHIT program is supported by the Office of the National Coordinator for Health Information Technology (ONC) of the U.S. Department of Health and Human Services (HHS) under grant number 90PH0006/01-05 and title "The PHIT Workforce Development Program" for grant amount \$10,232,066.00 and 0% financed with nongovernmental sources. This information or content and conclusions are those of the author and should not be construed as the official position or policy of, nor should any endorsements be inferred by ONC, HHS or the U.S. Government.

Intersegmental and Statewide

Start-Up Partner Organizations Include:

1. **Community Colleges:** Bakersfield, Shasta, and East Los Angeles
2. **CSUs:** CSU Long Beach (lead institution) and CSU East Bay
3. **UCs:** UC Berkeley
4. **Not-for-Profit Workforce Development:** Futuro Health
5. **California Department of Public Health:** 62 offices statewide
6. **Professional Associations**
7. **Corporate Partners**



Building on CCPHIT Goals



REDUCE HEALTH DISPARITIES AND INEQUITIES

Reduce longstanding health disparities and inequities, this program will prioritize recruiting underrepresented minorities from HBCUs, TCUs, HSIs, AANAPISIs, and MSIs.



CURRICULUM FOCUS

1. Culturally responsive
2. Designed to meet the needs of the local health care agencies
3. Set students up for success in the training program
4. Enable other colleges and universities to participate in this program
5. Expand to other students and members of the community



PHIT WORK FORCE DEVELOPMENT

Train at least 700 individuals in public health informatics and technology to expand the nation's public health workforce.



Desirable Skills & Curriculum Development

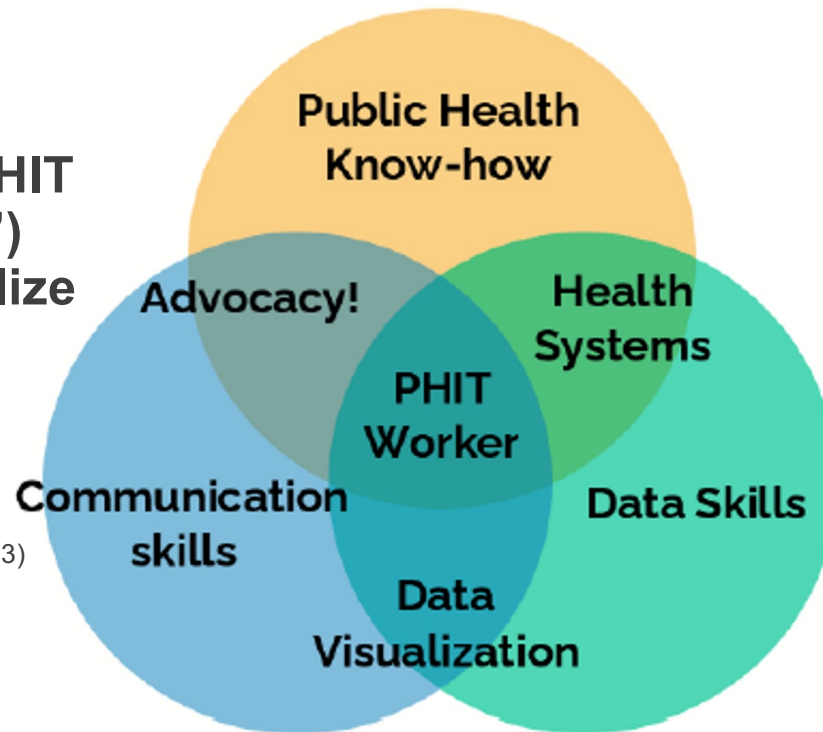
- ▶ **An employer needs assessment survey was performed at the start of the grant period to gather feedback on current and future workforce needs within the public health and healthcare data workforce.**
 - ▶ **Most desirable skills:**
 - ▶ Analytical thinking
 - ▶ Ability to combine data from different sources
 - ▶ Data management/security
 - ▶ Data privacy
 - ▶ Data analysis
 - ▶ Data mining
 - ▶ Use of electronic health records/standards for interoperability (HL7/FHIR)
 - ▶ Creation of dashboards/data visualization



Desirable Skills & Curriculum Development

- **Skills Assessment (“PHIT Worker Venn diagram”)** data gathered to visualize preferred skill-set domains for PHIT workers.

(Hayward, C., Dean, R, & Fernandes, S. 2023)



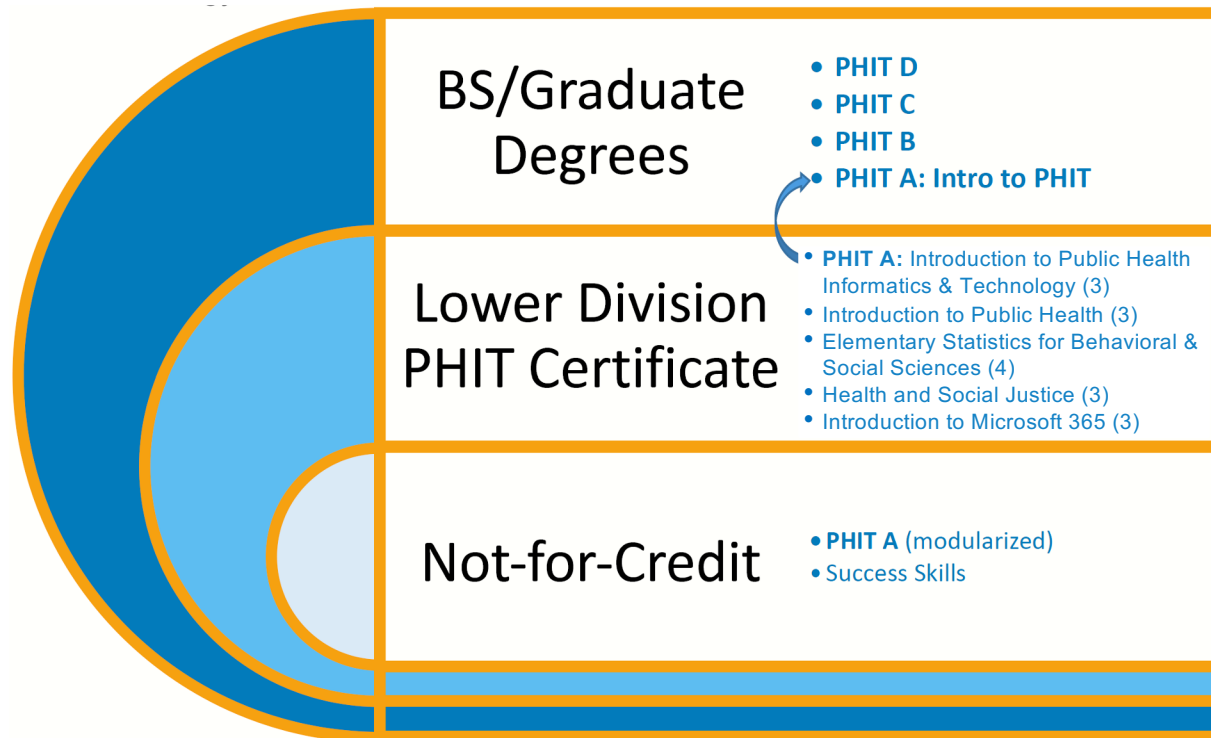
Core PHIT Courses

- ▶ **Core courses:**

- ▶ **PHIT-A:** Introduction to Public Health Informatics and Technology (lower division course; CSU and UC transferable)
- ▶ **PHIT-B:** The Role of Data in Public Health Informatics (upper division)
- ▶ **PHIT-C:** Emerging Technologies for Public Health (upper division)
- ▶ **PHIT-D:** Public Health Maps and Spatial Analysis for Health Equity (graduate level)



Stackable PHIT Courses & Pathways



Bakersfield Certificates of Achievement

Are you interested in learning how to use technology to improve Public Health?



Introduction to Public Health Informatics & Technology
PBHS B26 (3 units) Prerequisites: none
Modality: Online, asynchronous
Dates: 9/11/24-5/10/24 1206-304801 • 1/28/24-5/10/24 1206-304811

What Will You Learn?

- Fundamentals of Public Health Informatics
- Healthcare Management Systems
- E-Technology in Public Health
- Analytical Methods and much more!

Start your 4-course Public Health Informatics certificate here!!
Courses include:
PBHS B20 • PBHS B23
PBHS B26 • PSYC B5

Need help with Registration?
200M in direct with the Student Information Desk
bit.ly/bc-sid
Monday-Thursday 10am-6pm

QUESTIONS?
Email: Doreen Casper at dcasper@bakersfieldcollege.edu or
Dr. Daranola at charles.daranola@bakersfieldcollege.edu

PARTNERS California Consortium for Public Health Informatics and Technology | College of Health and Human Services

BAKERSFIELD COLLEGE
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Bakersfield, CA 93305
BakersfieldCollege.edu

CCCCO program is recognized by the State of California for health information technology (PHIT) at the 3.5 to 4.0 per credit of health informatics and technology credit. This program is designed to provide students with the skills and knowledge to work in the health informatics field. The information provided on this page is for informational purposes only and is not intended to be a guarantee of any kind. The information provided on this page is for informational purposes only and is not intended to be a guarantee of any kind.

- ▶ **Both Local and CCCCCO-approved PHIT Certificates available on the CVC:**
 - ▶ Local Skills Certificate (4 courses)
 - ▶ CCCCCO-Approved Certificate of Achievement (5 courses)
 - ▶ Available through California Virtual Campus (CVC)
- ▶ **Collaborative Opportunities:**
 - ▶ Credit for Prior Learning
 - ▶ Paid Internships and jobs in your own communities (PHITNet)

California Consortium for Public Health Informatics and Technology



CLICK OR SCAN THE QR CODE TO LEARN MORE ABOUT OUR PUBLIC HEALTH INFORMATICS AND TECHNOLOGY (PHIT) PROGRAM.

ATTENTION STUDENTS!

Are you ready to break new ground and explore the world of public health informatics and technology? Then start your journey today! Through this program, students will have the opportunity to enroll in public health informatics and technology courses, including:

- PBHS B20: Intro to Public Health
- PBHS B23: Health and Social Justice
- PBHS B26: Introduction to Public Health Informatics and Technology
- PSYC B5: Elementary Statistics for the Behavioral and Social Sciences

PROGRAM BACKGROUND

The California Consortium for Public Health Informatics and Technology (PHIT) is a workforce development program designed for creating and sustaining a diverse public health workforce.

The PHIT program is designed to recruit and train a minimum of 700 students from diverse backgrounds.

Upon completion of PHIT related courses, Bakersfield College students are eligible to receive a Public Health Informatics 1 Job Skills Certificate!!

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Next Steps

- ▶ **Consider the “PHIT” for your students and community**
 - ▶ Stackable transcriptable, and transferable **Certificate of Achievement** designed for students in Health Information Technology, Public Health, Data Analytics, and other related programs
 - ▶ **Paid internships** for CoA students from 54-80 hrs and up to \$1,800
- ▶ **Follow Up Steps:**
 - ▶ Help connect us with your leadership teams in Health Sciences, Data Sciences, and Workforce Development
 - ▶ Schedule a personal zoom call with David and Charles to explore specific details related to your college needs
 - ▶ Speak with your Directors or Employer Engagement (e.g., Celine) to help determine the needs of your regional healthcare employers



Thank you

Contacts us:

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