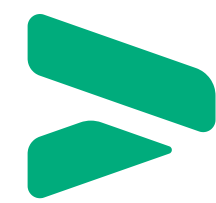





# Health and Life Sciences Regional Industry Advisory Surgical and Radiologic Technologist Careers & Clinical Placements



October 4th, 2024



# Housekeeping

- ✔ Enable your video camera (optional)
- ✔ Please stay on  unless you are called on to ask a question
- ✔ Submit all questions and commentary using the chat function
- ✔ This meeting will be recorded and will be provided as part of the post-meeting materials

# Thank you

to all of our supporters



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# Agenda

10:00 AM: Welcome and Introduction

10:10 AM: Labor Market Assessment

10:20 AM: Regional Connection

10:45 AM: Panel Discussion

11:35 AM: Highlighting Local Programs

11:45 PM: Closing Remarks

12:00 PM: Conclusion



# Welcome & Introduction

## **Caitlin Blockus**

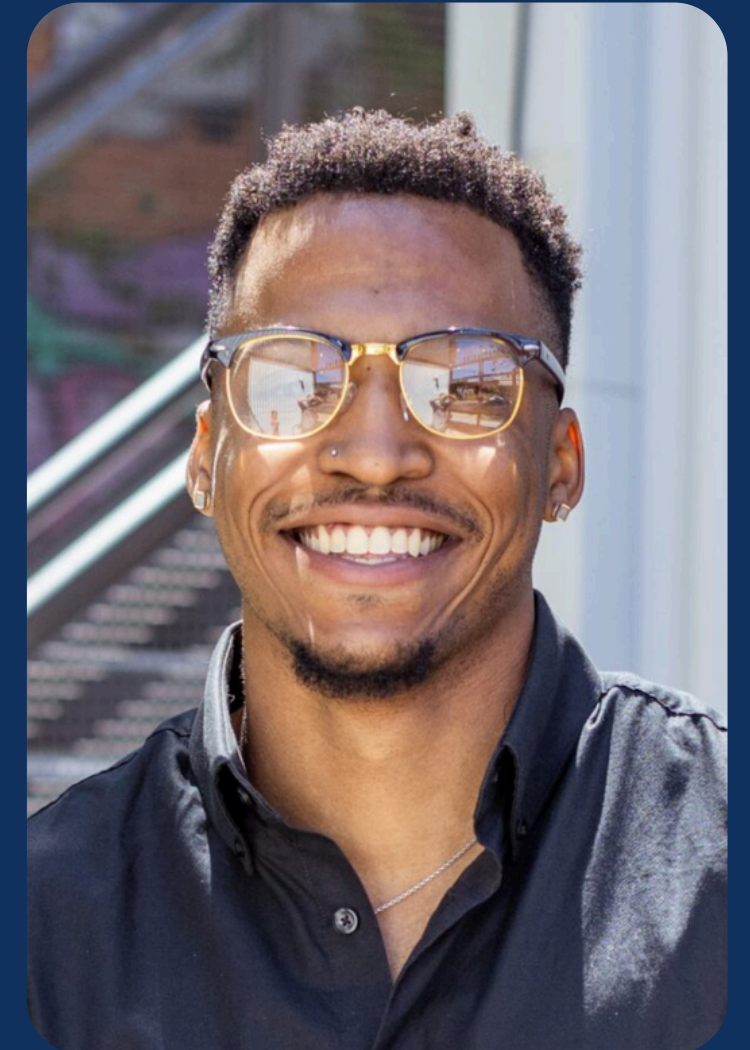
Valley Vision

21st Century Workforce Project Manager

## **Diangelo Andrews**

Valley Vision

21st Century Workforce Project Associate



# Welcome & Introduction

## **Karen Hubbard**

North Far North

Director of Employer Partnerships: Health and  
Public Safety

## **Kris Hubbard**

Cosumnes River College

Dean of Health and Human Services, Agriculture,  
Food & Natural Resources





# Labor Market & Trend Analysis

Ebony Joy Benzing

Director

Greater Sacramento Center of Excellence for Labor  
Market Research





# The Labor Market Outlook for Surgical and Radiologic Technologists Across Greater Sacramento

Ebony Joy Benzing, Director

Greater Sacramento Center of Excellence for Labor Market Research

Friday, October 4, 2024



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FOR LABOR MARKET RESEARCH  
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# The Centers of Excellence for Labor Market Research



Economic Region	Regional Director
North Far North	Ebony J. Benzing (North)
	Sara Phillips (Far North)
Bay Area	Marcela Reyes
Central Valley/Motherlode	Patricia Salinas
South Central Coast	--
Los Angeles	Luke Meyers
Orange County	Jesse Crete
Inland Empire/Desert	Shannon Moran
San Diego/Imperial	Tina Ngo Bartel
Statewide	Laura Coleman

# Our Research Focuses On:

## We use data about...

Industries & businesses

Size & performance of labor market

Occupations & job titles

Wages & earnings

Education & training requirements

Credentials

Skills

Emerging trends

## To answer these questions...

What is the **employment outlook** for students?

Which jobs offer the opportunity to earn a **living wage**?

What **skills and credentials** are needed?

Where are the opportunities for **career mobility**?

And others.

## And support...



Investments into new and relevant programs



Reviewing and modifying existing programs



Assessing regional labor market needs



Grant applications



# Presentation Overview

- About surgical and radiologic technologists
- Traditional labor market demand (LMI)
- Job postings analysis
- Postsecondary training programs
- The end!



# About Surg & Rad Techs

## Surgical Technologists

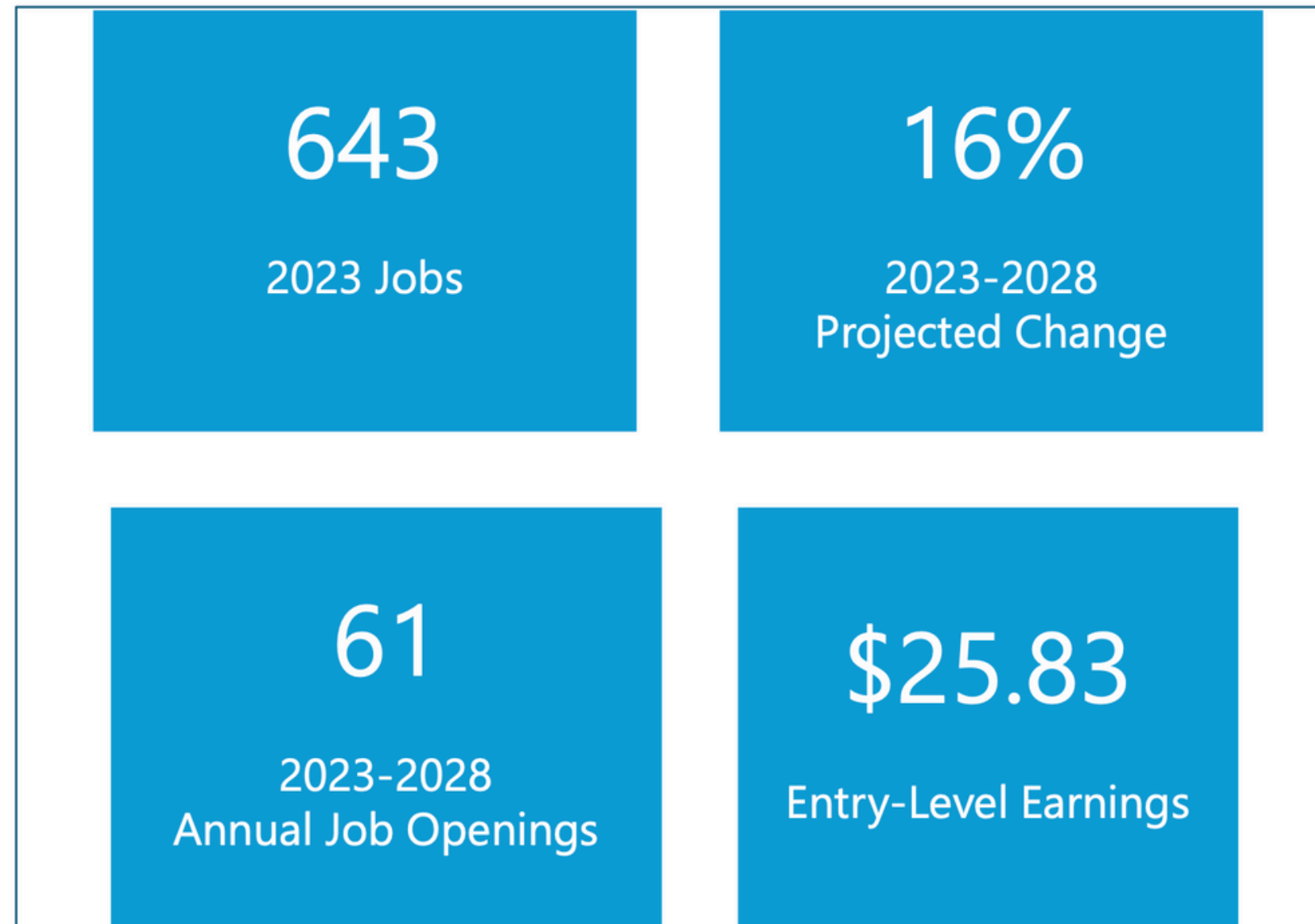
- Assist in operations by passing instruments and supplies to surgeons; hold equipment during surgery; anticipate surgeon's needs
- Sets up sterile operating environments, including instruments and supplies
- Prep and drape patients for surgery
- Equipment maintenance, testing, and setup

## Radiologic Technologists and Technicians

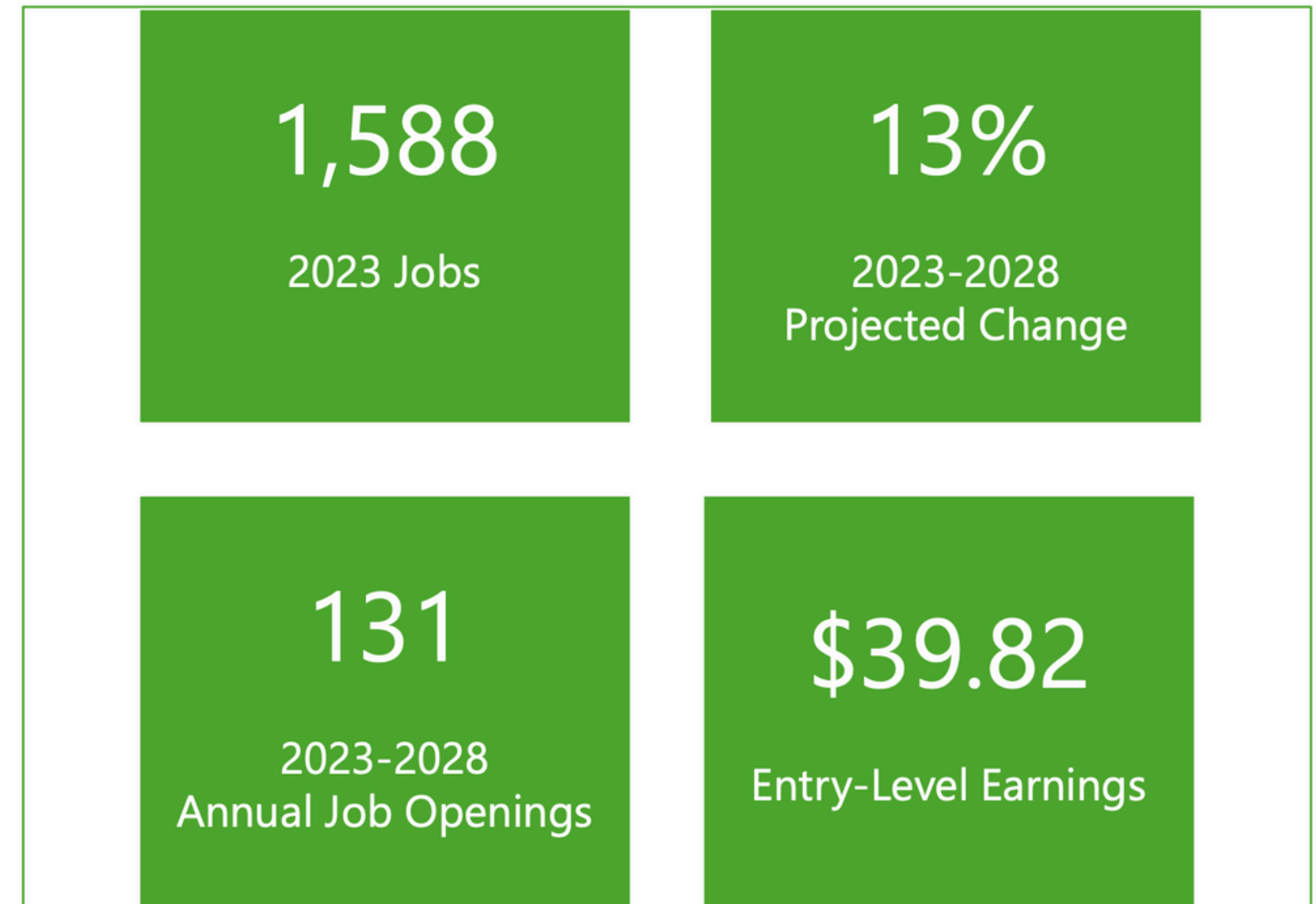
- Use medical equipment to take diagnostic images and scans of patients
- May administer nonradioactive materials for diagnostic purposes
- Includes x-ray technicians and radiologic technologists
- Different specialties: x-ray, MRI, CT, sonography, mammography, cardiac or vascular interventional, etc.

# Employment Outlook in Greater Sacramento

## Surgical Technologists



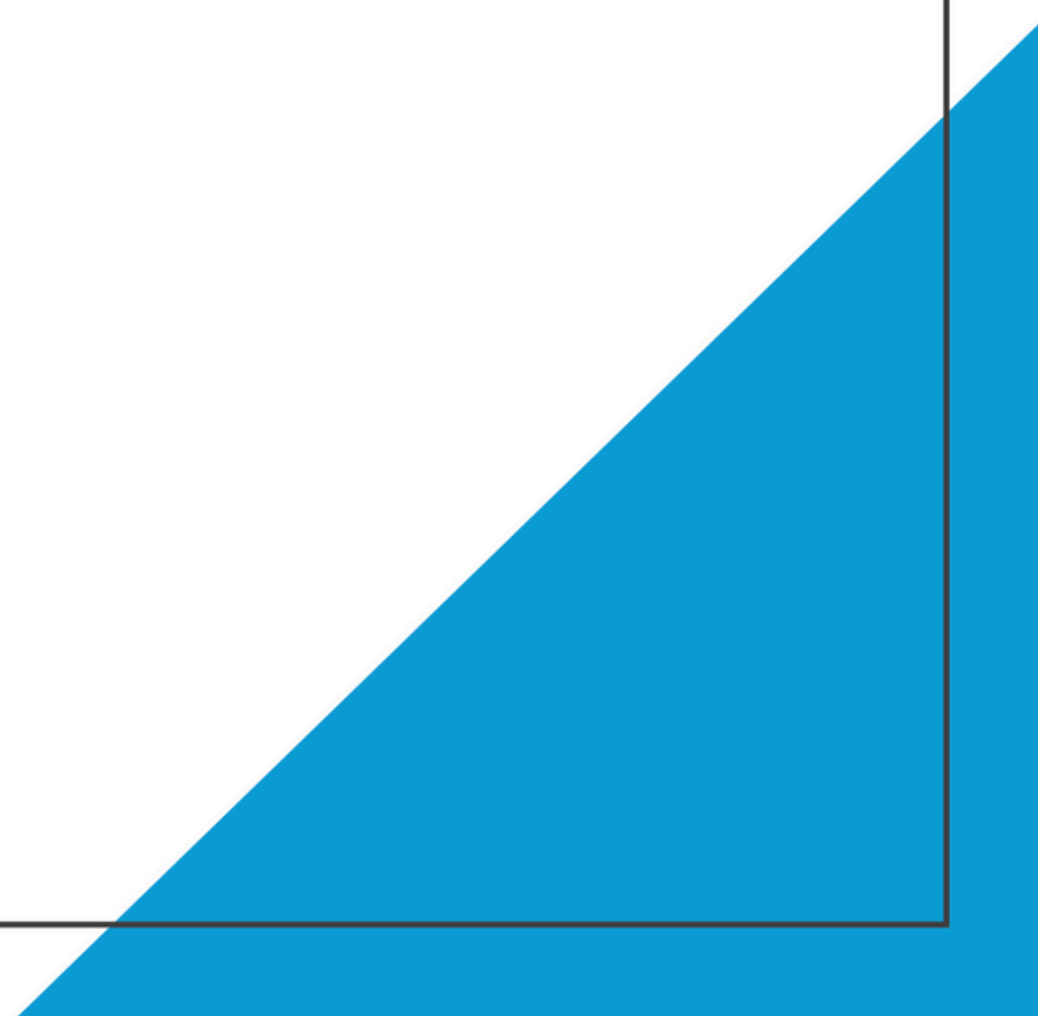
## Radiological Technologists and Technicians





# Job Postings Analysis

- Lightcast Job Postings Analyst tool
- Job advertisements newly posted online between October 1, 2023, and August 31, 2024
- Excludes recruiters and out-of-state employers



# Employers with the Most Postings

## Surgical Technologists

Company	Number of Postings
Sutter Health	49
UC Davis Health	36
United Surgical Partners International	15
Kaiser Permanente	14
Adventist Health	12
CommonSpirit Health	9
Tahoe Forest Health	6
Mercy San Juan	4
Mercy General	3
Barton Health	2
182 postings for surg techs in last 12 months	

## Radiologic Techs

Company	Number of Postings
Sutter Health	37
CommonSpirit Health	35
UC Davis Health	35
United Surgical Partners International	12
Adventist Health	9
US Department of Veterans Affairs	7
Tahoe Forest Health	7
TridentCare	7
Kaiser Permanente	6
RadNet	6
305 postings for rad techs in last 12 months	

# Job Titles with the Most Postings

## Surgical Technologists

Job Title	Number of Postings
Surgical Technicians	54
Operating Room Surgical Technicians	29
Surgical Scrub Technicians	28
Operating Room Technicians	14
Surgical Technologists	14
Medical Surgical Registered Nurses	7
Ambulatory Surgery Registered Nurses	3
Certified Surgical Technicians	3
Travel Surgical Technicians	2
Travel Surgical Technologists	2

182 postings for surg techs in last 12 months

## Radiologic Techs

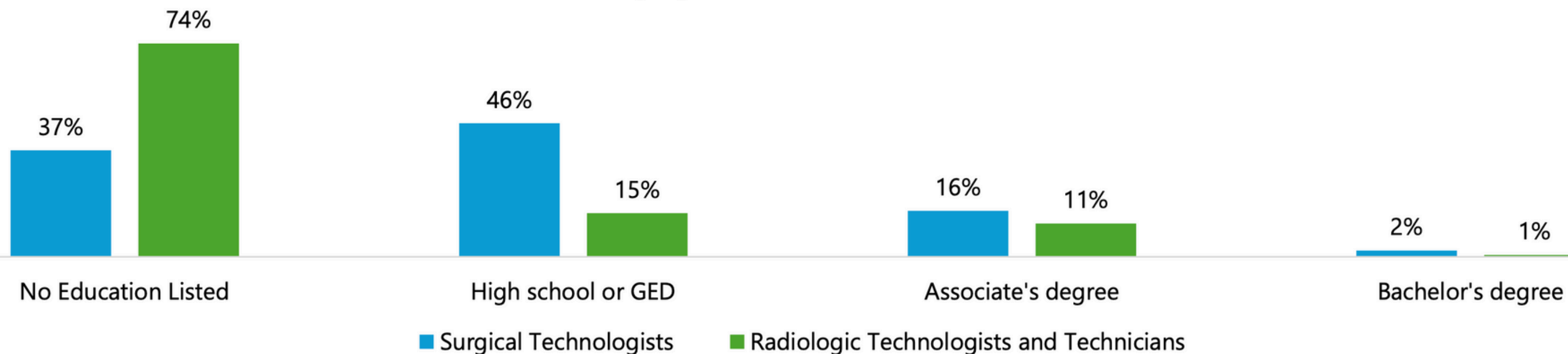
Job Title	Number of Postings
Mammography Technologists	51
Radiologic Technologists Radiology Technologists	49
Technologists	35
Travel Interventional Radiology Technologists	25
X-Ray Technicians	20
CT Radiology Technologists	18
Diagnostic Radiologic Technologists	10
Travel Radiology Technicians	9
Radiology Technicians	9
Travel X-Ray Techs	8

305 postings for rad techs in last 12 months



# Education and Work Experience Preferences

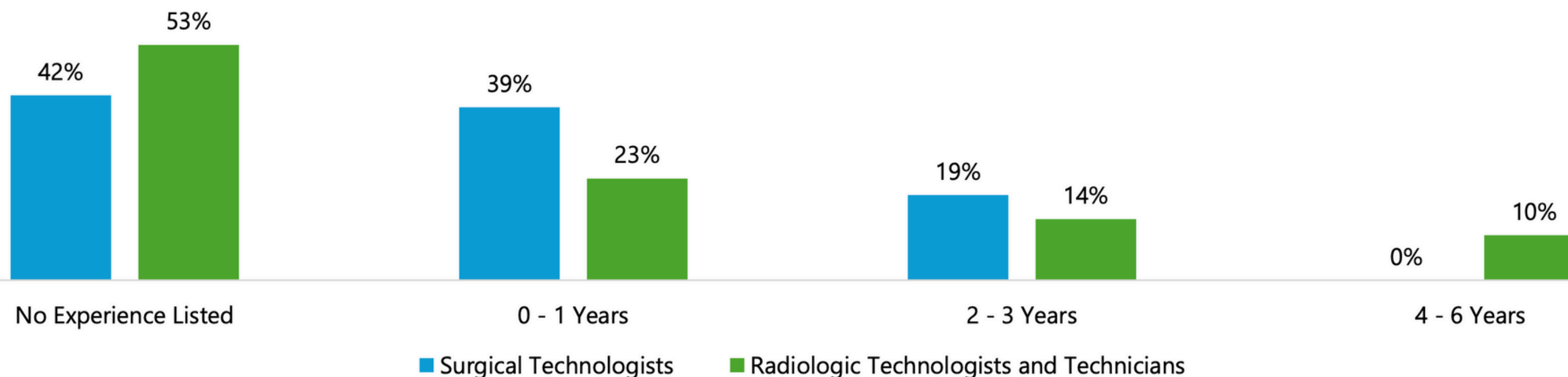
## Employer-Preferred Education



182 postings for surg techs in last 12 months

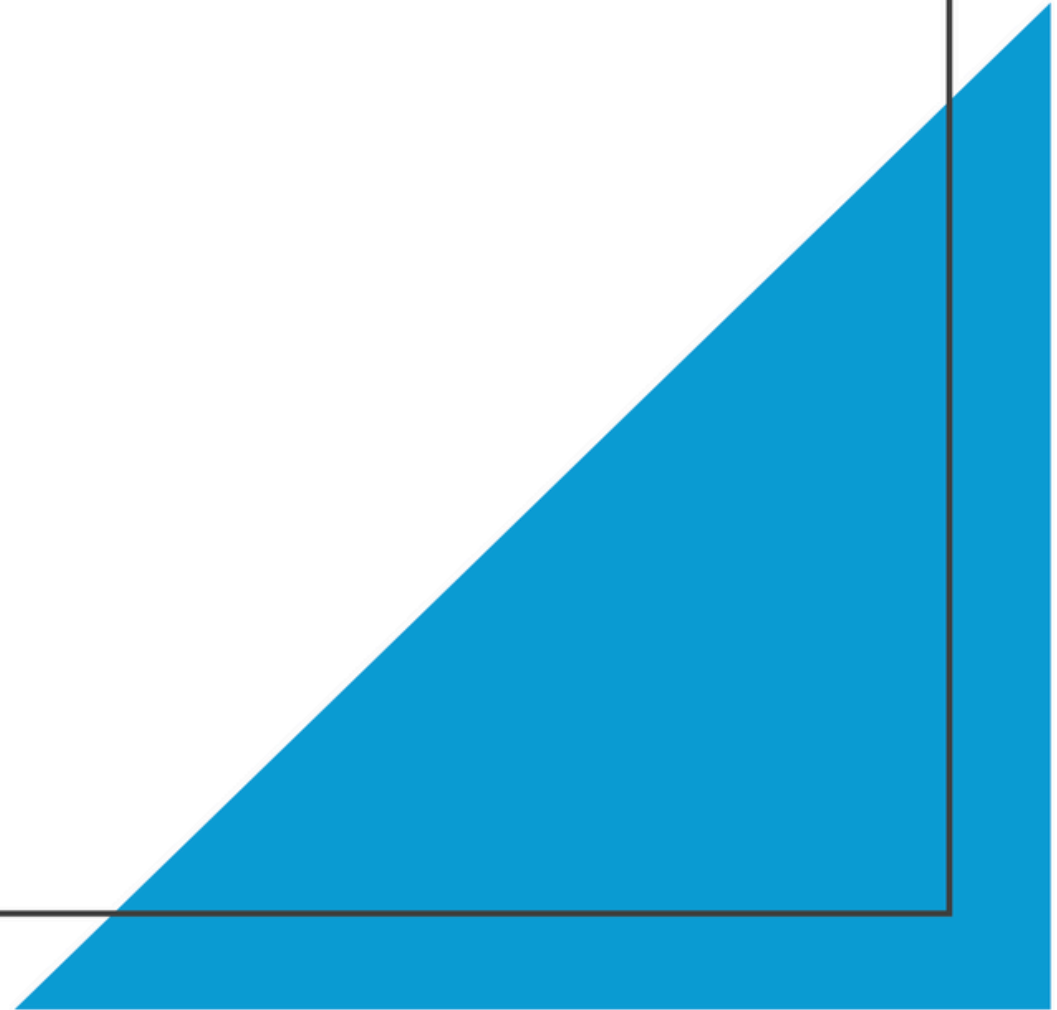
305 postings for rad techs in last 12 months

## Employer-Preferred Experience



# Postsecondary Training Options

- Data comes from COE Supply Tables, National Career Education Statistics (NCES) Integrated Postsecondary Educational Data System (IPEDS), and Lightcast.



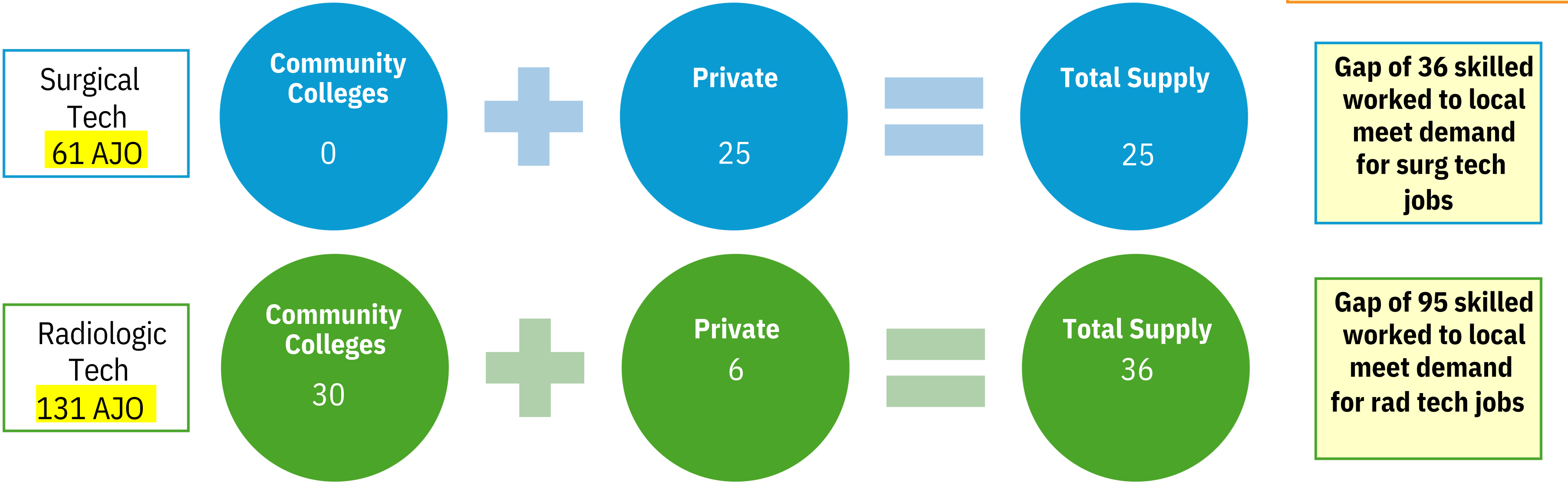
# Postsecondary Educational Programs

Program	Community Colleges	Private
<b>Surgical Technology</b>	<ul style="list-style-type: none"> <li>• Cosumnes River (in development)</li> <li>• Sierra College (in development)</li> </ul>	<ul style="list-style-type: none"> <li>• Carrington College – Citrus Heights*</li> <li>• San Joaquin Valley College – Rancho Cordova</li> </ul>
<b>Radiologic Technology</b>	<ul style="list-style-type: none"> <li>• Folsom Lake</li> <li>• Yuba</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<b>Diagnostic Medical Sonography</b>	<ul style="list-style-type: none"> <li>• Cosumnes River</li> </ul>	<ul style="list-style-type: none"> <li>• National Career Education</li> <li>• Sacramento Ultrasound Institute</li> </ul>
<b>Other</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>	<ul style="list-style-type: none"> <li>• MRI Technology: Sacramento Ultrasound Institute</li> </ul>

Sources: COE Supply Tables, National Career Education Statistics (NCES) Integrated Postsecondary Educational Data System (IPEDS), and Lightcast.  
 Note: Carrington's program conferred one associate degree in 2022-23.

# Greater Sacramento Program Completions

Average Annual Completions, 2020-21 through 2022-23



**Demand – Supply = Skilled Worker Gap**

**Gap of 36 skilled worked to local meet demand for surg tech jobs**

**Gap of 95 skilled worked to local meet demand for rad tech jobs**

Sources: COE Supply Tables, National Career Education Statistics (NCES) Integrated Postsecondary Educational Data System (IPEDS), and Lightcast.



# Thank You!

Ebony Joy Benzing, Director  
Greater Sacramento COE

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Please check out COE's previous reports on these occupations.



# Labor Market Demand & Percentile Earnings by Occupation

SOC Code	Occupation	2023 Jobs	2018-2023 Change	2018-2023 % Change	2023-2028 Change	2023-2028 % Change	2023-2028 Average Annual Job Openings
29-2034	Radiologic Technologists and Technicians	1,588	329	26%	212	13%	131
29-2055	Surgical Technologists	643	(59)	(8%)	101	16%	61
<b>7-County North (Greater Sacramento) Subregion Totals</b>		<b>2,231</b>	<b>270</b>	<b>14%</b>	<b>313</b>	<b>14%</b>	<b>192</b>

SOC Code	Occupation	25th Percentile Hourly Earnings	Median Hourly Earnings	75th Percentile Hourly Earnings
29-2034	Radiologic Technologists and Technicians	\$39.82	\$56.79	\$69.72
29-2055	Surgical Technologists	\$35.83	\$39.72	\$48.71

SOC Code	Occupation	Typical Entry Level Education	Work Experience Required	Typical On-The-Job Training
29-2034	Radiologic Technologists and Technicians	Associate's degree	None	None
29-2055	Surgical Technologists	Postsecondary nondegree award	None	None

Source: Lightcast 2024.3 – QCEW Employees, Non-QCEW Employees, and Self-Employed.

Notes: (1) The seven-county North (Greater Sacramento) subregion includes El Dorado, Placer, Nevada, Sacramento, Sutter, Yolo, and Yuba Counties. (2) The 25th percentile hourly earnings is used to estimate entry-level hourly wages.

# Education & Training Requirements by Occupation

	Surgical Technologists (SOC 29-2055)	Radiologic Technologists and Technicians (SOC 29-2034)
<b>Minimum Education</b>	<ul style="list-style-type: none"> <li>Postsecondary nondegree award</li> </ul>	<ul style="list-style-type: none"> <li>Associate degree</li> </ul>
<b>Certifications</b> (preferred; not always required by employers)	<ul style="list-style-type: none"> <li>Certified Surgical Technologist (CST)</li> <li>Basic Life Support</li> </ul>	
<b>Certification Organizations</b>	<ul style="list-style-type: none"> <li>National Board of Surgical Technology and Surgical Assisting (NBSTSA)</li> <li>Alternate certification: Tech in Surgery – Certified (TS-C) through the National Center for Competency Testing (NCCT)</li> </ul>	

SOC Codes	TOP Codes	CIP Codes
<ul style="list-style-type: none"> <li>Surgical Technologists (29-2055)</li> </ul>	<ul style="list-style-type: none"> <li>Surgical Technology (1217.00)</li> </ul>	<ul style="list-style-type: none"> <li>Surgical Technology/Technician (51.0909)</li> </ul>
<ul style="list-style-type: none"> <li>Radiologic Technologists and Technicians (29-2034)</li> </ul>	<ul style="list-style-type: none"> <li>Radiologic Technology (1225.00)</li> </ul>	<ul style="list-style-type: none"> <li>Radiologic Technology/Science – Radiographer (51.0911)</li> <li>Diagnostic Medical Sonography/Sonographer and Ultrasound Technician (51.0910)</li> <li>Magnetic Resonance Imaging (MRI) Technology/Technician (51.0920)</li> </ul>



# Data Sources & Methods

- Center of Excellence TOP-SOC Crosswalk. <http://coeccc.net/>
- Emsi 2024.3 QCEW Employees, Non-QCEW Employees, and Self-Employed. <https://www.economicmodeling.com/>. EMSI occupational employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors).
- “Taxonomy of Programs.” California Community Colleges Chancellor’s Office. June 2012, 6th Edition. <https://www.cccco.edu/-/media/CCCCO-Website/About-Us/Divisions/Educational-Services-and-Support/Academic-Affairs/What-we-do/Curriculum-and-Instruction-Unit/Files/TOPmanual6200909corrected12513pdf.ashx>.
- Management Information Systems (MIS) Data Mart. California Community Colleges Chancellor’s Office. <https://datamart.cccco.edu/>.
- Integrated Postsecondary Education Data System (IPEDS). National Center for Education Statistics. U.S. Department of Education. <https://nces.ed.gov/ipeds/>.
- O\*NET OnLine. U.S. Department of Labor/Employment and Training Administration (DOLETA). <https://www.onetonline.org/>.
- The seven-county subregion of North (Greater Sacramento) includes El Dorado, Nevada, Placer, Sacramento, Sutter, Yolo, and Yuba Counties.

# Regional Connection: Healthcare Talent Pipeline Management

Rana Ghadban  
Roseville Chamber of Commerce  
Chief Executive Officer



# Regional Connection

Ashpreet Singh

Los Rios Community College District  
Clinical Placement Coordinator





# Industry Panel Discussion

Hilary Tellesen

Valley Vision

Director of 21st Century Workforce



# » Industry Panel Discussion



**Daniel Weaver**

Director of  
Diagnostic Imaging at  
Marshall Medical



**Rob Marchuk**

Vice President of Operations,  
Dignity Health Medical  
Foundation/Common Spirit  
Health



**Adamanda Phillips**

Nursing Director, Clinical  
Decision Area and  
Inpatient Operations,  
Sutter Roseville Medical  
Center



**Lyndon Huling**

Executive Director of  
Talent Acquisition &  
Compensation Services,  
UC Davis Health



**Delane Mason**

Executive Director of  
Radiology, UC Davis Health



# Highlighting Local Programs

**Dr. Christopher Morris**

Folsom Lake College  
Dean of Instruction: Career Education



**Hannah Schwartz**

Sierra College, Program Director/Department Chair  
Allied Health, Nursing/Allied Health Sciences Division



**Kris Hubbard**

Cosumnes River College,  
Dean of Health and Human Services, Agriculture,  
Food & Natural Resources





# ➤ Thank you for joining!

For more information, please contact:

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Caitlin Blockus, Project Manager, Valley Vision  
[Caitlin.Blockus@valleyvision.org](mailto:Caitlin.Blockus@valleyvision.org)



Fill out our survey and  
let us know what you  
think!