2014

The Coalition of State Bioscience Institutes (CSBI)

Life Sciences Workforce Trends Report 2014

CSBI
COALITION OF STATE BIOSCIENCE INSTITUTES

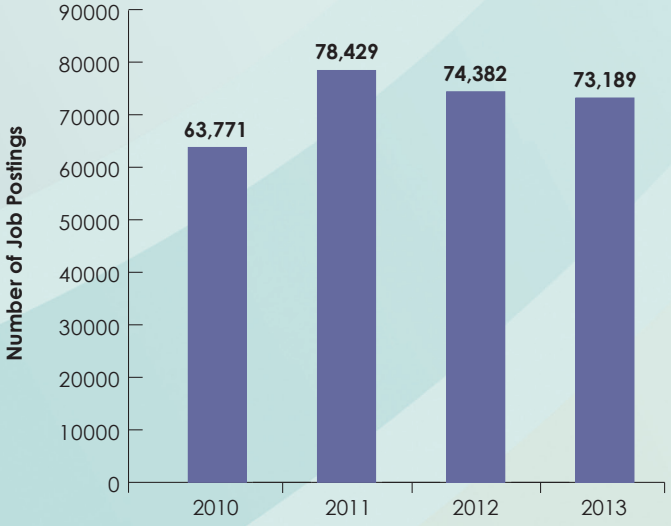
Key Report Findings[1]

Growth

Qualitative and quantitative data support the fact that the life sciences industry continues to experience demand at all levels, with a strong need for knowledge-based employees. Job postings in the life sciences industry remained at historic highs with over 73,000 positions posted last year, a 15% increase over 2010 (Figure 1).

Figure 1

Historic Number of Job Postings 2010-2013



Source: Burning Glass Technologies

[1] *For a full version of the The Coalition of State Bioscience Institutes (CSBI) Life Sciences Workforce Trends Report 2014, please visit www.csbinstitutes.org*

Individuals with strong science skills combined with multidisciplinary academic training and experience

Regulatory professionals who can help bridge the gap between regulatory functions and business activities

Scientists, engineers and clinicians who possess cross-functional skills that promote strong communication and the ability to interface well with both internal and external partners

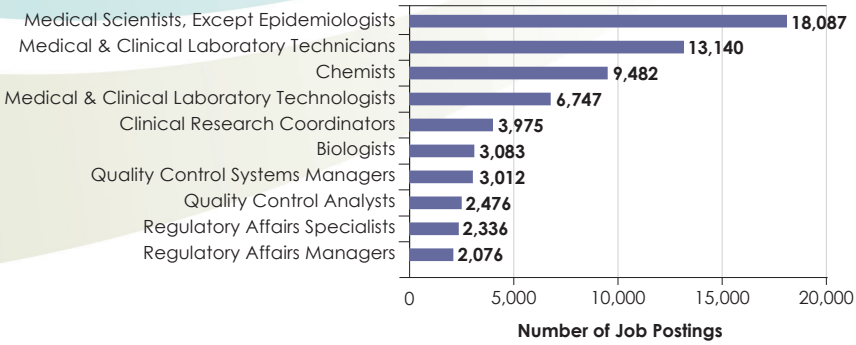
People with policy acumen who can help navigate health economics and the Affordable Care Act and influence legislators

Strong and informed partnerships between academia and industry to provide tailored and relevant training to effectively meet industry needs

Skills and Training

Figure 2:

Top 10 National Life Science Occupations

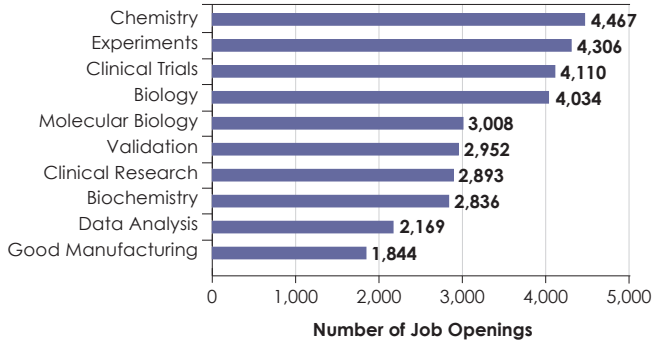


Of the top 10 national life science occupations, note that 4 involve regulatory and quality practices.

Source: Burning Glass Technologies

Figure 3

Skills Most Frequently Listed in Job Openings Nationwide



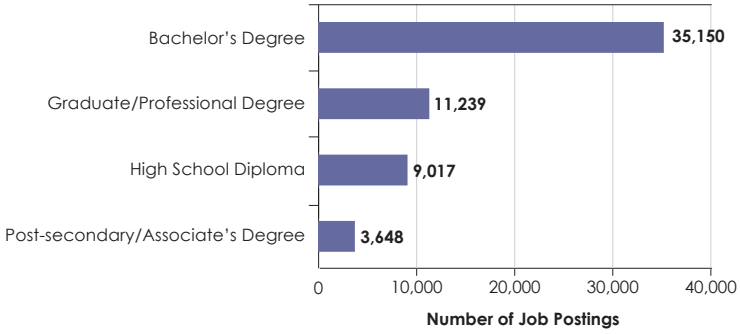
Skills most frequently listed in job openings nationwide (Burning Glass Technologies). Qualitative interviews supported this, but also revealed the need for a hybrid of skills. "Professional hybrids" - individuals who have the skill sets necessary to link scientific knowledge with a business acumen to help advance a product or technology through its life cycle.

Source: Burning Glass Technologies

Degree Requirements

Figure 4

National Education Requirements Based on Number of Job Openings

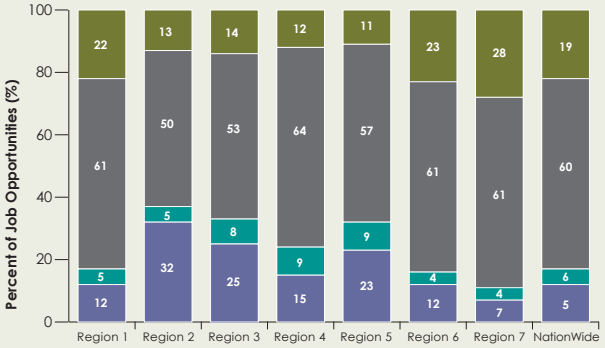


Most of the positions posted in 2013 required the minimum of a Bachelor's degree (60%), followed by Graduate/ Professional degrees (19%), High School Diplomas (15%), and Post-secondary/ Associate's Degrees (6%).

Source: Burning Glass Technologies

Figure 5

Regional and National Education Differences: Percentage of Job Opportunities



The need for employees with Bachelor's degrees is consistent across all regions. Regions 2, 3 and 5 also offer a high number of jobs requiring only a high school diploma.

Source: Burning Glass Technologies