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DOING WHAT MATTERS (DWM)...FOR THE SAN DIEGO-IMPERIAL COUNTY WORKFORCE...

WITH OUR REGIONAL COLLEGES

LMI Facts and Figures

- The Life Science Workforce grew 19.1 Percent in San Diego County 2007-2011
- Average annual wage is ~\$78,000
- Conducted Regional LMI Study with Centers of Excellence, using Real-Time LMI
 - Question 1: What is the Demand for Entry-Level Graduates of Regional Programs?
 - 6 occupational titles (up to B.A./B.S degree) 3,400 current jobs
 - 28% 5-year growth projected
 - \$21 median hourly wages
 - 280 annual projected openings (*EMSI*)
 - 560 online job ads in 2013 (*Burning Glass*)
 - Question 2: What Skills Do They Need?
 - Baseline hard and soft skill demand lists were created from Real-Time LMI
 - Question 3: Is there a GAP of trained workers to jobs?
 - Supply: Regional CCC programs produce ~100 workforce ready individuals per year
 - Demand: Based on real time LMI demand is ~250-500 per year
 - GAP ~150-400 trained workers per year (Caveat: We cannot estimate supply from 4 year schools, only CSUSM has a Biotech program with ~15 grads per year)

Regional Efforts based on LMI

- All regional faculty with life sciences programs have been engaged in the initiative (Grossmont, Mira Costa, Miramar, City, and Southwestern Colleges)
- Regional Programmatic Alignment has begun using the “Skill Builder” approach endorsed by the DWM Initiative
- Regional Efforts moving forward will address the identified GAP and alignment to in-demand skills based on LMI

Regional Efforts to Promote Career Pathways- Robust High School Connections

- Articulation with 12 schools with ~200 students eligible for college credit for biotech each year
- Annual Training for High School Teachers >200 trained on curriculum annually that is nationally supported (Amgen Foundation) and aligned to Common Core
- Regional High School Student summer internship program (Life Sciences Summer Institute)

DSN Objectives for Coming Year

- Through SDICCA, ensure that all colleges have success properly accounted for in Launchboard
- Work with Regional Faculty to develop an in-depth skills analysis of their programs based on LMI study
- Enhance visibility of regional programs to Industry
- Continue to Work with Industry to Explore 3rd Party Credentials
- Continue to Create Connections through CCCs and Beyond