

## **Semiconductor Workforce Consortium Cluster Submission**

- **Key Cluster Participants:** 47 members including LSI Logic, Intel, Microchip Technology Inc, IDT, Siltronic Corporation, Worksystems Inc., Chemeketa Community College (CC), Umpqua CC, Portland CC, Oregon Employment Department, Clackamas CC, Mt. Hood CC, OIT, AEA, OECDD
- **Cluster Contact:** Michelle Rose, Siltronic Corporation, 503-219-7165 SWC Chair
- **Geographic Location:** Metropolitan Portland area
- **Structure:** Quarterly meetings held with industry and local Community Colleges
- **Mission:** SWC's mission is to create a collaborative environment that promotes semiconductor career opportunities and to ensure that Oregon is recognized throughout the world as a center for excellence in semiconductor education and training.
- **Background:** The SWC was originally formed in 1989 out of a request from OEDD and PDC to ensure that OR and SW Washington had enough skilled/qualified workers for projected Semiconductor related jobs. Since then, a strong collaboration has been established between Semiconductor companies, local community colleges, and government & community partners to build needed bridges to meet industry employment needs. This includes curriculum development, grant opportunities, intern opportunities and full time employment of graduates from community college programs, as well as outreach to High Schools with programs such as Career Pathways and industry visits.

### **Oregon's Overall Business Climate**

**Best Ranking:** Recreation, Environmental Quality, Innovation Capacity, Healthy Communities

**Worst Ranking:** Personal Taxes, Infrastructure, Resource Utilization

### **Top Core OBP Initiative Priorities**

High Performance Manufacturing, Increase Return on Investment in PreK-20 Education, Workforce Development, Improve Healthcare & Control Its Costs, Transportation Infrastructure

### **Specific Cluster Priorities**

1. Create a pool of qualified, in-state candidates for needed jobs, especially high-level positions. Needed jobs range from entry level to technicians to engineers. One Stop Shops, local community colleges, and industry partners in the SWC help fill some positions, but not all.
2. Develop a state- supported marketing campaign to highlight the benefits of general interest and options for careers in Math and Science that reaches a broad audience. Keep it general, not industry specific since the needs of SWC's members match other industry's needs.
3. Make an on-line clearinghouse space to share and get information for each cluster and access resources that already exist. This clearinghouse could have training modules, best practices, and lessons learned. Advertise its launch so people know that it is there for use.

### **Additional areas to address:**

- Consistent and dedicated funding for K-12 education to prepare Oregonians with the Math and Science skills necessary to be successful in High Tech careers.
- "Ready to work" skills and general skills training to assist underemployed and unemployed individuals seeking work. This might include, but not be limited to, topics covering work ethic, drug free workplace, and teamwork.