



ONAMI, the Oregon Nanoscience and Microtechnologies Institute, is the first of three Oregon Signature Research Centers. A deep collaboration among Oregon universities, Pacific Northwest National Laboratory and industry, ONAMI was created to dramatically grow research revenue and accelerate commercialization of resulting technology in Oregon. This effort has been more than successful and has frequently been cited (e.g. by NSF, NGA, DOC/EDA) as a national example for innovation-based economic development and regional collaboration in advanced technology.

ONAMI's three major programs are 1) matching grants for collaborative, industry sponsored, and major research awards to grow the capacity of its most competitive member researchers, 2) support and promotion of shared user facilities for industry and academic researchers and 3) a professionally managed commercialization gap fund.

Measures of success:

1. Federal and private dollars leveraged = \$273 Million

Annual nanoscience and microtechnology research awards to ONAMI members from Federal and private sources have risen from \$9M in FY2004 before ONAMI was incorporated, to a high of \$42M (net of intra-Oregon subcontracts) in FY2010. The total of net research awards from FY2005 through FY2012 exceeds \$238M. In addition, industry and private entities have made significant donations of equipment, facilities and services, exceeding \$35M.

2. Business startups = 31; \$113 Million Funding

The ONAMI Gap Grants program matches technology from the Universities with entrepreneurial expertise from the business community. To date, Gap Grants have been made to 31 University - Startup Company projects. As of February 2013, these companies have garnered \$113M in leveraged capital and grant funding (\$14M federal and \$99M private). This compares to a total ONAMI expenditure of \$7.1M since FY07.

3. Number of people employed (not including research growth impact) = 120

In February 2013, there were **120 full-time-equivalent jobs reported by the Gap Grant companies**. This figure continues to grow, especially due to the success of several gap companies that have received A-round funding or are positioned to do so in the near future.

4. Revenue to the state = \$386+ Million to-date

Federal and Private Research Awards to ONAMI members FY05-FY12	\$238M
Private capital, SBIR, etc. funds to gap fund portfolio companies	\$113M
Major Corporate Gifts (equipment, facilities and services)	\$35+M
Total leverage to date	\$386+M

5. Patents = 43

Between FY05 and FY12, ONAMI Member Researchers have filed **294 Invention Disclosures** and received **43 Patents** in nanoscience or microtechnology. Licenses and licensing revenue are steadily climbing.