

## Previous six months MEDIA COVERAGE

PROJECT: Oregon Bioscience Incubator			
DATE	PIECE	OUTLET	LINK
11.29.12	"Oregon biotech startups get rooms of their own"	Portland Business Journal (Online)	<a href="http://www.bizjournals.com/portland/blog/2012/11/oregon-biotech-startups-get-rooms-of.html">http://www.bizjournals.com/portland/blog/2012/11/oregon-biotech-startups-get-rooms-of.html</a>
11.30.12	"Biotech gets an incubator"	Portland Business Journal (Print & online)	<a href="http://www.bizjournals.com/portland/print-edition/2012/11/30/biotech-gets-an-incubator.html">http://www.bizjournals.com/portland/print-edition/2012/11/30/biotech-gets-an-incubator.html</a>
11.30.12	"Bioscience complex will house six local companies in 2013"	Oregon Business (Online)	<a href="http://www.oregonbusiness.com/press-releases/8668-multi-tenant-bioscience-complex">http://www.oregonbusiness.com/press-releases/8668-multi-tenant-bioscience-complex</a>
12.4.12	"Non-Profit Plans Bioscience Complex In Portland's South Waterfront"	OPB (Radio & online)	<a href="http://www.opb.org/news/article/non-profit-plans-bioscience-complex-in-portlandssouth-waterfront/">http://www.opb.org/news/article/non-profit-plans-bioscience-complex-in-portlandssouth-waterfront/</a>
12.4.12	"Non-Profit Plans Bioscience Complex In Portland's South Waterfront"	Daily Astorian (Online)	<a href="http://www.dailyastorian.com/news/northwest/non-profit-plans-bioscience-complex-in-portland-s-south-waterfront/article_5af24a09-ad6d-566a-8c06-0afa78d764d3.html">http://www.dailyastorian.com/news/northwest/non-profit-plans-bioscience-complex-in-portland-s-south-waterfront/article_5af24a09-ad6d-566a-8c06-0afa78d764d3.html</a>
12.18.12	OTRADI Bioscience Incubator Opening [ON HOLD]	The Oregonian (Print & online)	PENDING
1.1.13	"Bioscience incubator to open in Southwest"	SW Community Connection (Print & online)	<a href="http://portlandtribune.com/scc/103-news/125625-for-science!">http://portlandtribune.com/scc/103-news/125625-for-science!</a>
1.10.13	"Central Oregon's Growth Industry"	Bend Bulletin (Print & online)	<a href="http://www.bendbulletin.com/apps/pbcs.dll/article?AID=/20130106/NEWS01/301060320/0/SEARCH">http://www.bendbulletin.com/apps/pbcs.dll/article?AID=/20130106/NEWS01/301060320/0/SEARCH</a>
1.14.13	"OTRADI Bioscience Incubator opens spring 2013"	Oregon Bioscience Association (Newsletter)	<a href="https://www.oregonbio.org/news/88-bio-quarterly/375-otradi-obi">https://www.oregonbio.org/news/88-bio-quarterly/375-otradi-obi</a>
1.24.13	"Business accelerator mini-boom continues"	Oregon Business (online)	<a href="http://www.oregonbusiness.com/linda/9100-business-accelerator-mini-boom-continues">http://www.oregonbusiness.com/linda/9100-business-accelerator-mini-boom-continues</a>
2.25.13	"OTRADI Names Jennifer Fox Executive Director"	Portland Business Journal	<a href="http://www.bizjournals.com/portland/news/2013/02/25/otradi-names-jennifer-fox-executive.html">http://www.bizjournals.com/portland/news/2013/02/25/otradi-names-jennifer-fox-executive.html</a>
2.25.13	"OTRADI Names	Oregon	<a href="https://www.oregonbio.org/news/388-otradi-jen-fox">https://www.oregonbio.org/news/388-otradi-jen-fox</a>

	Jennifer Fox as the Organization's Executive Director"	Bioscience Association	
3.18.13	"OTRADI Names Jennifer Fox Executive Director"	'Women of UGA' Facebook	<a href="https://www.facebook.com/photo.php?fbid=367612690019874&amp;set=a.321919744589169.74486.304586962989114&amp;type=1&amp;theater">https://www.facebook.com/photo.php?fbid=367612690019874&amp;set=a.321919744589169.74486.304586962989114&amp;type=1&amp;theater</a>
3.19.13	"New biotech incubator names first two startups"	Portland Business Journal (Online)	<a href="http://www.bizjournals.com/portland/news/2013/03/19/new-biotech-incubator-names-first-two.html">http://www.bizjournals.com/portland/news/2013/03/19/new-biotech-incubator-names-first-two.html</a>
4.9.13	"OTRADI: Bioscience incubator complex set in motion"	Oregon Bioscience Association 2012 Report	<a href="https://oregonbio.org/images/industry_reports_pdf/oregon%20bio%20ar%202012%20final2%20dianne%20High%20res%202.pdf">https://oregonbio.org/images/industry_reports_pdf/oregon%20bio%20ar%202012%20final2%20dianne%20High%20res%202.pdf</a>
4.26.13	"2013 Board Officers and Directors Elected at Oregon Bioscience Association"	The Lund Report	<a href="http://www.thelundreport.org/resource/2013_board_officers_and_directors_elected_at_oregon_bioscience_association">http://www.thelundreport.org/resource/2013_board_officers_and_directors_elected_at_oregon_bioscience_association</a>
4.26.13	"2013 Board Officers and Directors Elected at Oregon Bioscience Association"	Oregon Bioscience Association	<a href="https://oregonbio.org/news/423-2013-board-officers-and-directors-elected-at-oregon-bioscience-association">https://oregonbio.org/news/423-2013-board-officers-and-directors-elected-at-oregon-bioscience-association</a>
5.7.13	"Bioscience Incubator to Set Industry Growth in Motion"	The Lund Report	<a href="http://www.thelundreport.org/resource/bioscience_incubator_to_set_industry_growth_in_motion">http://www.thelundreport.org/resource/bioscience_incubator_to_set_industry_growth_in_motion</a>
5.28.13	"Embracing Loss Through Art, Angela Canada Hopkins Finds Success in Facing Her Challenges"	News Release	N/A
5.30.13	"Bioscience growth can boost city's economy"	Portland Tribune (Print & Online)	<a href="http://portlandtribune.com/pt/10-opinion/153062-bioscience-growth-can-boost-citys-economy">http://portlandtribune.com/pt/10-opinion/153062-bioscience-growth-can-boost-citys-economy</a>

## Oregon biotech startups get rooms of their own

Andy Giegerich, Portland Business Journal  
Nov. 30, 2012

A new bioscience industry incubator, the state's first, will cap a busy year for Oregon's suddenly bustling biotechnology sector.

The Oregon Translational Research and Development Institute will open the biotech incubator in Portland's South Waterfront District. OTRADI is a state-funded effort to commercialize various research.

As we've reported recently, [the state's biotech industry is surging](#), with a collectively economic impact that's increased four-fold since 2006.



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We'll have much more on the project in Friday's paper.

What struck me is that OTRADI, led by interim director [Jennifer Fox](#), is building the space, for about \$1 million, in an existing building. It's therefore saving on lots of hard-shell costs, which is helpful given that wet labs like the one the incubator will offer start at around \$500 a square foot.

The announcement comes on the heels of revelations by [Oregon Health & Science University](#) last week that it [has attained record tech transfer figures](#) in such areas as procuring patents and private research funds.

### **Biotech gets an incubator**

Andy Giegerich, Portland Business Journal  
Nov. 30, 2012

The state is about to make a big bet on biotech.

The Oregon Translational Research and Development Institute, a state-funded effort to commercialize bioscience, plans to open the state's first biotech incubator in Portland's South Waterfront District.

Roughly \$1 million in state money will fund the incubator.

Supporters say the incubator, which will open this spring, could launch dozens of companies that generate hundreds of millions of dollars in annual revenue and employ hundreds of workers.

The Oregon Bioscience Incubator will initially include up to six bioscience companies. Among the first tenants: the Oregon Health & Science University-spawned drug company 13therapeutics, which has so far raised \$7 million in start-up and venture capital funds.

Jennifer Fox, OTRADI's interim director, said the incubator could attract investors who tend to bypass Portland biotech startups in favor of Seattle and Silicon Valley-based companies.

"It could make it easier for venture capitalists who want to visit more than one company at a time," Fox said. "Incubators offer one-stop shopping. And when more companies receive funding here, it's more likely that they'll stay and expand here."

About 50 percent of the Oregon Bioscience Incubator's 13,000 square feet has already been leased.

Fox said OTRADI could eventually expand into other parts of the Willamette Wharf building, which will host the facility. The incubator will initially occupy about 27 percent of the Southwest Macadam Avenue Wharf structure.

The incubator will include six "wet labs," or large research areas that include plumbing fixtures. It will also provide startups with offices, conference rooms and shared equipment facilities.

State funds will cover the initial \$1 million build-out costs. The money comes from 2011 funds provided through the Oregon Innovation Council. Oregon Inc., the state-led effort to back startups and commercialize the public university research, has allotted some \$10 million to OTRADI since 2007.

The project, which is expected to open in 2013's second quarter, could extend the Oregon biotech industry's recent upswing. The industry continues to grow locally, with more than 13,000 new workers joining the field in 2010.

OHSU, Portland State University and other public universities are increasingly commercializing research, a process known as "tech transfer."

OHSU reported last week that it reached record tech transfer figures in such areas as procuring patents and private research funds.



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Portland's biotech incubator could also launch similar efforts in Eugene and elsewhere throughout the state.

It will also cement the South Waterfront district's role as Portland's research hub. The bioscience incubator will sit about a half-mile south of OHSU's Center for Health and Healing, the South Waterfront's aerial tram station.

The bioscience space will offer between two and three times as much space as the Portland State University Business Accelerator. The Accelerator accommodates far more companies, 30 in all, than the new incubator will. Biotech companies tend to require sprawling spaces because their labs contain large pieces of equipment.

"We do have nine bioscience companies at the Accelerator, and they need a place to grow up and out to," said Angela Jackson, the Accelerator's manager. "There's a hole in the landscape, and we're glad there's someone there to fill it." In the case of 13therapeutics, the company will continue developing its anti-inflammatory peptides that treat such conditions as Crohn's disease and arthritis.

"The incubator will provide a rich environment for creating critical mass that's necessary for new companies," said Tom Bruggere, the company's CEO. "In Oregon, biotech is a fledgling industry. A lot of shared experiences can happen here that can help everybody."

OTRADI, which is a nonprofit, plans to move its own operations from PSU's downtown campus to the Macadam space. Fox and other OTRADI staffers and officers will help startups navigate grant compliance rules and other legal issues so the companies can focus on product development.

The group will also link pre-revenue businesses to venture capitalists and other funding sources. By some estimates, it costs \$1 billion to get a biotech product to market over 10 years. Lab spaces cost about \$500 per square foot.

A Bend-based Amplion Research study released this month found that the Food and Drug Administration has approved fewer biomarker-based tests this year than it did in 2007. Those tests help determine whether patients can take certain medicines or undergo certain treatments.

However, John Audette, Amplion's president, said the research indicates that states should spend more, not less, to develop the biotech industry.

"An incubator would only encourage research by governmental entities and private companies," Audette said. "We believe that would help the FDA get up to speed on their approval process."

Area tech transfer supporters added that the incubator will make it easier for them to launch new companies. Such businesses could include the four that PSU expects to launch over the next two years.

"Remarkably, for a place that doesn't have a medical school, we have a lot of companies that are centered on medical devices and pharmaceuticals," said Joe Janda, director of PSU's innovation and intellectual property division. "Those companies need spaces exactly like the one that OTRADI is putting together."

#### Fast Fact

The Oregon Translational Research and Development Institute hopes to generate enough revenue within five years to become self-sustaining.

### **Bioscience complex will house six local companies in 2013**

Oregon Business – Press release  
Nov. 30, 2012

PORTLAND, Ore. — [Oregon Translational Research and Development Institute](#) (OTRADI) today announced its plans to open and operate a 13,000 square-foot multi-tenant bioscience complex in the Willamette Wharf building



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at 4640 SW Macadam Avenue. Slated to be complete in spring 2013, the OTRADI Bioscience Incubator (OBI) will house up to six companies.

Renovations to the existing space will begin in December and will include a build-out of individual labs, offices, shared equipment and conference facilities and administrative areas. Several area bioscience companies have already reserved approximately 50 percent of the OBI space.

"The OBI will provide promising bioscience startups with access to world-class expertise and resources, further increasing their chances of successful expansion," said OTRADI Interim Director Jennifer Fox, Ph.D. "By providing cutting-edge shared space and entrepreneurial mentoring we can support the growth of new companies, reduce the barriers between innovative bioscience ideas and successful commercialization, and energize an already thriving bioscience business sector."

According to the [Oregon Bioscience Association](#), the bioscience industry is one of the top three economic growth sectors in the state, adding more than 13,400 jobs in 2010 alone.\* According to Oregon Bioscience Association's annual report, Oregon's bioscience industry contributed \$7.1 billion to Oregon's economy in 2010.

"We have a demand for reasonably priced lab space in the Portland area, and until now, Oregon has lacked the larger, more sophisticated facilities emerging companies need in order to grow," Oregon Bioscience Association Executive Director Dennis McNannay said. "The OBI will play an important role in keeping these companies in Oregon as they commercialize their research and ideas into products."

Projections of rapid industry growth over the next several years have further encouraged large-scale investors to support OTRADI's vision, including the [Oregon Innovation Council](#), which has invested nearly \$10 million in OTRADI since 2007.

"The state's investment in OTRADI is paying real dividends," Oregon Innovation Council Chair John W. Morgan said. "The OBI gives us one more tool to help bioscience businesses and entrepreneurs create the kinds of jobs that are diversifying Oregon's economy."

To fund growth of the OBI venture, OTRADI will continue to collaborate with academic, financial, entrepreneurial, business and government organizations, relying on additional financial support from federal grants, regional partners, and private investors.

Fox stated that throughout 2012 and 2013 OTRADI will actively seek bioscience tenants to lease the remaining space, as well as reach out to key segments of the public to explain the significance of the OBI to Oregon, its economy and everyone's future quality of life through advanced scientific research and health care.

OTRADI will announce additional OBI details at a series of media briefings scheduled next week. For more information about the briefings, please call (503) 928-2909 or email [media@otradi.com](mailto:media@otradi.com).

\*Number of jobs created in 2010 provided by Battelle/Bio State Bioscience Industry Development 2012 report.

## **Non-Profit Plans Bioscience Complex In Portland's South Waterfront**

Kristian Foden-Vencil, OPB

Dec. 4, 2012

*An Oregon research center has announced plans to open a new bioscience complex in Portland's South Waterfront District.*

The Oregon Translational Research and Development Institute is non-profit, funded primarily by the state. It focuses on taking ideas generated in university labs or at small start-ups and helping them progress to market.

The institute is renovating a building close to the Willamette River. It'll have individual labs, offices, shared equipment and conference facilities. The director Jennifer Fox says they plan to house up to six companies.



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Fox said, "I think it's very forward thinking of the state of Oregon to invest in these kinds of incubators. And I know that the south Willamette Valley is looking at their own incubator space as well. So I hope that there will be an incubator network across the state in years to come. And we'll be able to have a shared network of facilities, best practices, entrepreneurial experience etc."

Fox says half the space has already been reserved. A study by the Oregon Bioscience Association found that more than 13,000 people were employed in this growing sector in 2010.

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The Daily Astorian  
Dec. 4, 2012

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### **Bioscience incubator to open in Southwest**

SW Community Connection  
Jan. 1, 2013

SOUTH PORTLAND — Oregon Translational Research and Development Institute (OTRADI) is planning to open and operate a 13,000-square-foot multi-tenant bioscience complex known as the OTRADI Bioscience Incubator (OBI).

"An incubator is lab and office space that we will build out to accommodate five to six small bioscience companies," OTRADI Director Jennifer Fox says. "It will give companies a chance to have a shared environment where they can learn from another."

According to Fox, this communal situation will also be economically beneficial.

"They'll have ... a series of common equipment rooms," she says, "so they won't be responsible for having to buy the very pricey startup equipment that you would need if you built out your own space."

OTRADI hopes to further support the business side of bioscience by outfitting the incubator with state-of-the-art conference rooms and bringing in entrepreneurs to mentor the companies that call the OBI home.

Fox says OTRADI is currently in sublease negotiations with three different companies in the field of therapeutics.

"Some of the companies who are interested in the space ... they're looking for private investment, like from venture capital folks, but some of the younger companies might be looking for help with writing their first series of small-



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business grants, or helping to refine their business plan or get connections around the community for outsourcing things that they need," she says.

Slated for completion in spring 2013, the OBI will be located in the Willamette Wharf building at 4640 SW Macadam Ave. Fox says OTRADI chose the space because it met specifications for a privately owned building able to accommodate a nearly one-third-acre bioscience complex and close to Oregon Health & Science University's Center for Health & Healing.

"Right now we have a lot of connections with OHSU, and we work with their researchers on scientific projects," Fox says of OTRADI. "We help them write grants; we have a lot of connections there. But I can envision that companies might need to have advice from a toxicologist or a person who has knowledge of pharmacokinetics or specialized kind of medical needs. And we would be able to advise them as to who these people are at OHSU and around the state."

OHSU was involved in the initial proposal to create OTRADI and today, Dan Dorsa, OHSU vice president for research, serves on the OTRADI board.

"We've been very involved with it. ... We sometimes make instruments and other things that they need available to them to help with their businesses ... and we try to help them if we can identify people who are interested in investing, venture capitalists,"

Dorsa says. "We absolutely try to be as supportive as we can because we see this as an important part of our mission in economic development."

The Willamette Wharf building is located in the North Macadam urban renewal area, which was established by the Portland City Council in 1999 to, among other things, facilitate economic development and job creation through a new research cluster integrated with OHSU.

Fox says she expects the OBI to advance this mission.

"I think that this is the kind of hub of activity that people are looking for. You've got people that are doing important scientific work there, then you've got all the people that work for them and know they're building the waterfront area piece by piece," she says. "The more people that are down there, the better so that they can have burgeoning subareas around the Center for Health & Healing. When they first put in that building, there wasn't as much activity down there as there is now. It really affects the neighborhood; it's very positive."

Dorsa agrees. "This is a fantastic development. One of the problems that we've had with the whole South Waterfront development is that we have not had a space like this for private companies to go to begin to take root and grow," he says. "If these companies are successful, they'll be hiring more employees at a very high rate."

## **Central Oregon's Growth Industry**

Bend Bulletin

Jan. 10, 2013

Bioscience companies have gone against the recent trends of layoffs and downsizing

When Rod Ray joined Bend Research in 1983, the company employed 25 people and fought for small-business grants to get funding.

Dr. Ed Boyle was PleuraFlow's one and only employee when he started looking for investors in 2006.

Today, Bend Research's nearly 300 employees partner with some of the country's largest pharmaceutical companies to develop new medical technology, under the guidance of Ray, the company's CEO.



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PleuraFlow, now called Clear Catheter Systems, employs 10 people and is expanding sales of its chest tube draining device.

Bend's science and research sector is growing. Four of 18 companies in the sector have added workers, expanded their product lines and applied to the city for building expansions.

"Things are going very well for us," Boyle said, referring to Clear Catheter Systems. "We're growing, and our product is doing well in the market."

Oregon's scientific research sector has mostly bucked the trend of layoffs and downsizing that has hit many industries during the recession, said Jennifer Fox, interim director of the Oregon Translational Research and Drug Development Institute, a Portland-based coalition of bioscience companies and researchers.

Across Oregon, employment in bioscience jobs has been steadily growing for a decade. Bioscience is scientific work that combines multiple disciplines, like biology and chemistry.

Oregon's bioscience industry grew 31 percent between 2001 and 2010, according to a report published last year by science research firm Battelle.

It outpaced growth in states like California and Massachusetts, which are home to some of the country's top scientific and research universities, according to the report.

Central Oregon appears to be following the same pattern as the state.

While Deschutes County's total private sector workforce shrunk by 18 percent between 2007 and 2010, employment in the scientific research and development sector grew by 19 percent over the same period, U.S. Bureau of Labor Statistics show.

In total jobs, the sector employs fewer than 400 workers. But the jobs in these fields carry a lot of economic bang for their buck. The average Deschutes County worker employed in a scientific research and development job earned \$95,800 in 2011, compared with \$34,875 for the average private sector worker, according to BLS data. Local companies' growth plans could be evidence of their success. Grace Bio-Labs, a Bend maker of cell-studying technology, wants to add 5,900 square feet to the company's 6,670-square-foot building on Cyber Drive.

Biopesticide maker Suterra is in talks with the city about a 16,000-square-foot addition to its northeast Bend facility to increase nontoxic pheromone testing.

The workforce at Bend Research has grown from 140 in 2008 to about 280 today, Ray said.

"Most of our business growth has been in health and wellness products," he said. The company in November completed a new spray-dry process that could increase the lifespan of influenza vaccines.

It's also preparing for an expansion into energy technology. Bend Research scientists are working on products to extend the storage capacity of batteries.

Ray said the company expects to make an announcement in the spring that would lead to 40 or 50 additional jobs, though he wasn't ready to provide details yet.

"We've added a lot of well-paying jobs to Bend's economy. And of course doing work that ultimately ends up curing diseases," Ray said. "I feel very good about that."

Education is key

Deschutes County's science and research industry is small compared with Multnomah and Washington counties, where companies like Intel and research institutions like Oregon Health & Sciences University produce new scientific talent.



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But higher education and economic development officials say Bend has some of the infrastructure in place to keep up, and Bend Research has been a catalyst.

"We've compared Bend Research as kind of being our Intel for Central Oregon," said Roger Lee, Economic Development for Central Oregon's executive director.

Former Bend Research employees have started other local companies, like Suterra; the scientific software platform company Blue Reference; and hydrogen generator company Element 1.

"They have that kind of brainpower," Lee said of Bend Research. "They've got scientists with Ph.D.s, chemists and engineers on staff that are doing some pretty amazing work. And a lot of those researchers have spun off some other pretty remarkable companies."

With their high wages and specialized skill sets, science and research jobs are some of the most valuable economic generators for a community, Lee said, partly because those employees often bring enough experience to branch off and create new science jobs.

To grow, Oregon's science and research sector needs colleges that offer science training and internships through local companies, said Fox of the Oregon Translational Research and Drug Development Institute.

The percentage of Oregon students graduating college with science degrees has increased since 2005, but at a rate about 50 percent below the national average, according to a December report by the State Higher Education Executive Officers Association.

Oregon State University-Cascades Campus offers a biology degree in Bend, and plans to offer a computer science major when it expands to a four-year university in 2015, said college spokeswoman Christine Coffin.

New programs like bioscience aren't out of the question, Coffin said. But developing academic programs takes years. And the Oregon University System — which oversees the state's seven public universities — tries not to duplicate specialized programs like applied sciences, she said.

That's important, because Klamath Falls-based Oregon Institute of Technology offers a variety of science and technology programs, including a clinical laboratory program with majors in biology, microbiology and chemistry. The Portland area is also a center of scientific research.

"Obviously we need to be flexible," Coffin said. "We're aware of the growth of the science and (technology) fields."

Bend Research recruits scientists and engineers from universities across the West. Cultivating talent is important for the industry's long-term success in Central Oregon, Ray said. So is maintaining the relationships between his company and others across the community, including those whose executives started at Bend Research.

"We all talk to each other, our company and the companies that we spun off," Ray said. "We have good relationships. We learn from each other and use each other's resources to some extent. It does help."

— Reporter: 541-617-7820 [eglücklich@bendbulletin.com](mailto:eglücklich@bendbulletin.com)

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## **OTRADI Bioscience Incubator opens spring 2013**

Oregon Bio Association Newsletter

By Linda Barney, Barney & Associates

Jan. 14, 2013



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The [Oregon Translational Research and Development Institute](#) (OTRADI) will open the OTRADI Bioscience Incubator (OBI) in spring 2013. OBI is the first incubator devoted exclusively to bioscience companies and research. In addition to providing services to resident companies, OBI will provide a wide-range of services to bioscience companies throughout the state.

Members of OTRADI, bioscience researchers, businesses, government, and the Oregon Bioscience Association have been working for a long time to make a bioscience incubator a reality. The OTRADI Bioscience Incubator (OBI) is currently under development and will open in spring 2013. The incubator will be housed in a 13,000 square-foot multi-tenant bioscience complex in the Willamette Wharf building at 4640 SW Macadam Avenue.

The incubator is designed to house up to six bioscience companies. Renovations to the existing space began in December 2012 and will include a build-out of individual labs, offices, shared equipment and conference facilities. Several area bioscience companies have already reserved approximately 50 percent of the OBI space.

“The OBI will provide promising bioscience startups with access to world-class expertise and resources, further increasing their chances of successful expansion,” said OTRADI Director Jennifer Fox, Ph.D. “By providing cutting-edge shared space and entrepreneurial mentoring we can support the growth of new companies, reduce the barriers between innovative bioscience ideas and successful commercialization, and energize an already thriving bioscience business sector.”

### **What is OTRADI?**

Founded in 2007, the Oregon Translational Research and Development Institute (OTRADI) is an Oregon Signature Research Center that facilitates scientific collaboration and the commercialization of new bioscience discoveries. OTRADI works with private and public entities to discover, develop and commercialize pharmaceutical drugs, diagnostics, medical devices and bioscience products using its expertise and equipment. Some of its partners include: bioscience companies; economic development organizations, such as the U.S. Economic Development Administration and the Oregon Business Development Department, and all of Oregon’s research universities. OTRADI brings the lab to the market by providing its partners with access to scientific expertise, equipment and mentoring. It works to accelerate a product’s development and commercialization through strategic partnerships and access to its wealth of resources. OTRADI forms the integral connection that links the scientific with the commercial, energizing and simplifying the connection to move medical advances forward, and helping to translate scientific research into tomorrow’s discoveries.

### **Importance of the bioscience industry**

According to the [Oregon Bioscience Association](#), the bioscience industry is one of the top three economic growth sectors in the state, with more than 13,400 jobs in 2010. According to Oregon Bioscience Association’s [annual report](#), Oregon’s bioscience industry contributed \$7.1 billion to Oregon’s economy in 2010.

Projections of rapid industry growth over the next several years have further encouraged large-scale investors to support OTRADI’s vision, including the [Oregon Innovation Council](#), which has invested nearly \$10 million in OTRADI since 2007. “The state’s investment in OTRADI is paying real dividends,” Oregon Innovation Council Chair John W. Morgan said. “The OBI gives us one more tool to help bioscience businesses and entrepreneurs create the kinds of jobs that are diversifying Oregon’s economy.”

### **The need for a bioscience incubator**

“We have a demand for reasonably priced lab space in the Portland area, and until now, Oregon has lacked the larger, more sophisticated facilities emerging companies need in order to grow,” Oregon Bioscience Association Executive Director Dennis McNannay said. “The OBI will play an important role in keeping these companies in Oregon as they commercialize their research and ideas into products.”



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Fox states, “OTRADI, and its newest initiative, the OTRADI Bioscience Incubator (OBI), will strengthen the industry by eliminating barriers between innovation and market capitalization and aid Oregon in its economic recovery by fueling job growth.”

### **Bioscience incubators can provide a huge economic impact**

As Oregon launches OBI, we looked at the economic impact of bioscience incubators in other parts of the country. The University of California San Francisco launched the California Institute for Quantitative Biosciences (QB3) in 2006. Researchers at the [California Institute for Quantitative Biosciences \(QB3\)](#), headquartered at UCSF Mission Bay, assessed the impact of the institute’s efforts over the past eight years in supporting entrepreneurs on the three UC campuses in which it operates: UCSF, UC Berkeley and UC Santa Cruz. Here is a summary of their findings.

### **OBI will provide a state-wide bioscience network**

As the only bioscience incubator in the state, OBI has an obligation to provide a benefit for bioscience researchers and companies across Oregon. Fox says, ***“We are excited because bioscience will finally have a bioscience-specific laboratory that can be of benefit to all. Our goal is to coordinate with other incubators within and outside Oregon to form a unified incubator network.”***

In addition, to providing common equipment areas and conference rooms for incubator resident companies, OBI will offer mentoring services for all Oregon bioscience companies even if they are not located in the Portland area. Some of these services will include sharing best practices, classes on grant writing or other information needed to grow bioscience companies such as help on incorporating or how to write business plans. The OBI services will expand over time and can be offered to incubators in locations such as Medford, Eugene/Corvallis or Bend. Meeting space will be available at OBI for other incubator teams when they are visiting the Portland area. OTRADI and OBI can also help introduce individuals and companies to partners and possible funding sources. In addition, the OBI resident companies can act as mentors to disseminate information and act as an inspiration. All of this will help form an expanding bioscience network and exchange of information across the state.

McNannay believes that “it is important that every small company coming up through the entrepreneurial ranks knows about OBI and what it has to offer. Even if companies are never an OBI resident they should know about OBI services, such as having grants reviewed, to take full advantage of OTRADI’s combined bioscience knowledge. Having small start-ups connected with OBI is a way to not only help them grow but to expand the bioscience industry in Oregon.”

### **Introducing the OTRADI Bioscience Incubator**

OBI is currently building out labs and office suites for 5 to 6 bioscience companies. OTRADI will also be moving into the same building and will be just down the hall from the incubator. The incubator will have common equipment areas, a conference room, small meeting rooms, and a kitchen. Incubator office suites can accommodate a single person up to approximately seven people per suite. OBI labs are all wet labs and go up to bio-safety level 2 which will allow residents to work with human cells, bacteria, etc. Labs range in size from 250 Sq. ft. to 420 Sq. ft. (which is approximately 2 to 3 times the size of the Portland State Business Accelerator wet labs.)

Each resident company will have its own lab that contains its equipment and lab benches. There will also be common equipment that residents can share such as fume hoods, tissue culture facilities, ice machines, an autoclave, and a dishwasher.

### **OBI seeking donations and equipment**

Fox states, “We would like to let companies and researchers know that OBI is actively seeking monetary donations or donations of equipment (such as microscopes, centrifuges, etc.) that could be used in the common equipment room to benefit others in their bioscience research. This will be a chance for companies to showcase donated instruments and a chance for resident companies using them to become familiar with the equipment (hopefully leading to a chance of incubator residents purchasing the equipment as they grow their companies.)



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***Tax write-off available:*** OTRADI is a 501(c)(3) nonprofit organization. This means that companies can receive a tax write-off for any equipment that they donate to the OBI.

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###

### **Business accelerator mini-boom continues**

Linda Baker, Oregon Business  
Jan. 24, 2013

Oregon may be a startup state, a region that is churning out entrepreneurs at a lightning pace. But increasingly, it's also becoming the accelerator state. Over the past few years, almost a dozen business incubators have launched, including The Portland Seed Fund, Portland Incubator Experiment, TiE Westside Incubator, Portland State University Business Incubator, Founder's Pad, and the Sustainable Valley Technology Group.

As of this spring, add the following four to that list:

**The corporate accelerator:** Starting in March, Nike will host its first Nike+ Accelerator program, which will host 10 companies for a three-month immersive, mentor-driven startup accelerator. The Nike+ Accelerator will accept applications from companies aiming to use Nike+ technology to create products and services across a broad range of activity and health goals including training, coaching, gaming, data visualization and quantified self.

**The university accelerator:** Oregon State University recently launched a Venture Accelerator with \$380,000 from the OSU College of Business, Office for Commercialization and Corporate Development, and the University Venture Development Fund. It's designed to identify innovation or research findings that might form the basis for profitable companies, and streamline their development with the legal, marketing, financial and mentoring needs that turn good ideas into real-world businesses.

**The signature research accelerator:** This spring, the Oregon Translational Research and Development Institute (OTRADI) plans to open and operate a 13,000 square-foot multi-tenant bioscience complex in the South Waterfront district. The OTRADI Bioscience Incubator (OBI) will house up to six companies.

**The farm accelerator:** As the Oregonian reported yesterday, the pending Headwaters Farm incubator is designed to help aspiring small farmers gain skills and experience. It is owned by the East Multnomah Soil and Water Conservation District, which last May paid \$1.5 million for 61 acres of the Schaeffer Nursery to turn it into a farm incubator.

In just a few short years, accelerators have become an inextricable part of the entrepreneurial landscape. But if they are an important part of the mix, their growing numbers also raise questions about overkill. There are now so many business accelerators in Oregon that accelerators themselves might be considered startups. And startups, as we all know, can fail. Already, at least two Oregon incubators have changed business models in the past year.

The proliferating number of incubators also suggests they are becoming either an adjunct or substitute for college or graduate school programs, with accelerators churning out startups much as universities churn out new graduates. Since a successful incubator should be rated according to the success of participating companies, I queried a few managers about the impact of their organizations. I will post responses as they come in.



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Portland Incubator Experiment general manager Rick Turoczy provided the following estimates:

- \* More than 40 startups have come through PIE
- \* Those startups have generated more than \$100 million in valuation
- \* Those startups have created more than 200 jobs in an industry with one of the highest average salaries
- \* One company has officially shut down
- \* Three companies have been acquired

Incubator efficacy is an especially timely issue in light of a recent study showing that venture capital investment in Oregon plunged nearly 50 percent last year to \$124 million. Today, more people are going to college and fewer are landing well-paying jobs after graduation. Today, more aspiring business owners are eager to jump on the incubator bandwagon. Whether they will actually create jobs or land capital post incubator experience is the question.

###

### **OTRADI Names Jennifer Fox Executive Director**

Portland Business Journal  
Feb. 25, 2013

The Oregon Translational Research and Development Institute's board voted to appoint interim director [Jennifer Fox](#), who holds a doctorate in molecular and cellular biology, as its new executive director.

In her new position, she will manage the nonprofit, which is dedicated to broad-based bioscience research, with an emphasis on industry growth and job creation in Oregon. She will also oversee the launch and continuing operations of the OTRADI Bioscience Incubator, a 13,000 square-foot multi-tenant bioscience complex set to open in Southwest Portland later this year.

Fox has been awarded multiple grants from the [National Institutes of Health](#) and [National Science Foundation](#), and has received postdoctoral fellowships at the [University of Oregon](#) and [Northwestern University](#).

"(Fox) has the skills and expertise to help OTRADI become a driving force in the bioscience sector here in Oregon and beyond," said [Robert Jordan](#), OTRADI board president, in a statement.

Fox has been with OTRADI for five years, serving as the interim executive director since June 2012. Her new position was effective Feb. 20, 2013.

###

### **Oregon Translational Research and Development Institute Names Jennifer Fox as the Organization's Executive Director**

Oregon Bioscience Association  
2.25.13

<https://www.oregonbio.org/news/388-otradi-jen-fox>

Oregon Translational Research and Development Institute's (OTRADI) board voted to appoint Interim Director Jennifer Fox, Ph.D., to the executive director position on Friday, April 8 at its quarterly meeting. Her new position, which includes the responsibility of opening and managing Oregon's first bioscience incubator this spring, was effective Wednesday, Feb. 20.

Dr. Fox has been serving as the interim executive director since June 2012. As the executive director, Dr. Fox will continue her five-year tenure at OTRADI. In her new position, she will manage the nonprofit, which is dedicated to broad-based bioscience research, with an emphasis on industry growth and job creation in Oregon. She will also



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oversee operations at the OTRADI Bioscience Incubator, a 13,000 square-foot multi-tenant bioscience complex to open in Southwest Portland later this year.

"Dr. Fox has the skills and expertise to help OTRADI become a driving force in the bioscience sector here in Oregon and beyond," said OTRADI Board President Dr. Robert Jordan. "We are honored to have Dr. Fox make this transition within our organization, taking on the role of executive director and sharing OTRADI's dedication to bioscience research and industry growth in Oregon."

During her tenure as OTRADI's interim director, Dr. Fox played a key role in helping the organization win the prestigious Economic Development Administration (EDA) i6 Challenge Award. Her scientific outreach also contributed to the development of more than 120 university and bioscience business partnerships.

Dr. Fox is a molecular and cellular biologist with more than 15 years of laboratory research experience. She earned her Ph.D. in molecular and cellular biology from Tulane University, and earned her bachelor's degree in genetics from the University of Georgia. She has been awarded multiple grants from the National Institutes of Health and National Science Foundation, and has received postdoctoral fellowships at the University of Oregon and Northwestern University.

###

### **New Biotech Incubator Names First Two Startups**

Ben Jacklet, Portland Business Journal  
March 19, 2013

Biotech boosters are hoping Oregon's first bioscience incubator will launch the industry to the next level.

The [OTRADI Bioscience Incubator](#) or OBI will open this spring on Southwest Macadam Ave. in a 13,000 square foot complex not far from [Oregon Health & Science University](#). Start-ups Aronora and AbSci will occupy one quarter of the space, and the state's biotech booster [OTRADI](#) (Oregon Translational Research and Development Institute) is looking for more tenants.

Founded in 2007, [Aronora](#) develops antithrombotic drugs that battle blood clots without bleeding side effects.

[AbSci](#) was founded in 2011 to produce therapeutic proteins and antibodies at low cost.

Both companies intend to benefit from the professional network and expertise associated with the new OTRADI incubator.

"Aronora and AbSci are promising bioscience companies that have already demonstrated measurable growth and achieved great success in the short time they've been operating," said OTRADI executive director [Jennifer Fox](#) in a statement. "We're thrilled to welcome them to the OBI, and we're eager to help them achieve the next phase of company growth and development."

OTRADI is planning to hold a grand opening for the biotech incubator in May.

### **OTRADI: Bioscience incubator complex set in motion**

Oregon Bioscience Association  
Annual Report, 2012

In late November, the Oregon Translational Research and Development Institute (OTRADI) announced its plans to create a 13,000 square-foot bioscience complex in Portland's South Waterfront District.

Slated to be complete in Spring 2013, the OTRADI Bioscience Incubator (OBI) will house up to six companies. Approximately 50 percent of the OBI space has already been reserved by area bioscience companies. Among the future tenants is 13therapeutics—the Oregon Health & Science University-spawned drug company which has raised more than \$7 million in startup and venture capital funds.



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Renovations to the existing space will include building out individual labs and offices, as well as shared equipment, conference facilities and administrative areas. The incubator will also include six wet labs—large research areas that include plumbing fixtures, lab benches and air ventilation systems.

According to OTRADI Executive Director Jennifer Fox, Ph.D., the bioscience incubator's shared space and entrepreneurial mentoring is designed to increase the chances of successful expansion for promising startups. She adds that in addition to the facility supporting the growth of new companies, it can also reduce the barriers between innovative bioscience ideas and successful commercialization.

Ultimately, Fox believes the OBI will play an important role in keeping successful bioscience startups in Oregon as they commercialize their research and ideas into products in the marketplace.

Projections of rapid industry growth over the next several years have further encouraged large scale investors to support OTRADI's vision, which includes the development of the OBI. Funds provided via the Oregon Innovation Council will cover the OBI's initial \$1 million buildout costs.

Oregon Inc., the state-led effort to back startups and commercialize public university research, has allotted some \$10 million to OTRADI since 2007. The nonprofit OTRADI, currently located at PSU's downtown campus, plans to also co-locate its operations in the OBI.

###

#### **OTRADI Appoints Jennifer Fox Executive Director**

Women of UGA Facebook Page  
March 18, 2013

"Oregon Translational Research and Development Institute's (OTRADI) board voted to appoint Interim Director Jennifer Fox (BS '95), to executive director. Her new position, which includes the responsibility of opening and managing Oregon's first bioscience incubator this spring, was effective Wednesday, Feb. 20.

Fox has been serving as the interim executive director since June 2012. As executive director, Dr. Fox will continue her five-year tenure at OTRADI. In her new position, she will manage the nonprofit, which is dedicated to broad-based bioscience research, with an emphasis on industry growth and job creation in Oregon. She will also oversee operations at the OTRADI Bioscience Incubator, a 13,000 square-foot multi-tenant bioscience complex to open in Southwest Portland later this year.

Congratulations, Jennifer!"

###

#### **2013 Board Officers and Directors Elected at Oregon Bioscience Association**

The Lund Report (Oregon Bioscience Association)  
April 26, 2013

April 26, 2013 — Adrian Polliack, Ph.D., president at SAM Medical, has been appointed chair of the [Oregon Bioscience Association \(Oregon Bio\)](#) board of directors. Executive committee members include Ryan Dunlap, treasurer, Galena Biopharma Inc.; and Michael Phillips, secretary and general counsel, Davis Wright Tremaine LLP. Other executive committee members include Abhijit Banerjee, Ph.D., Oregon Health & Science University; Gordon Brown, Yecuris Corp.; Bill Carroll, Meagan Medical/RS Medical; Juergen Lindner, MSEI/Biotronik USA; and Matt Smits, TE Connectivity.

Along with the officers, serving on Oregon Bio's board of directors for 2013 will be Steven Prewitt, Schwabe Williamson & Wyatt; Mark Ahn, Ph.D., Galena Biopharma, Inc.; Andrew Barofsky, RevMedx, Inc.; Len Blackstone, Blackstone Inc.; Dianne Danowski Smith, Publix Northwest; Jennifer Fox, Ph.D., Oregon Translational Research and



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Development Institute; Will Fox, Welch Allyn; Nathan Gibson, Skanska USA; and Mark Haldeman, Bradford Consulting Engineers.

Also serving on the board are Geoff Hall, Precision Wire Components; Nancy Lime, Oligos Etc.; Ralph Makar, business executive and industry consultant; Peter Murray, Welch Allyn; Bill Newman, Northwest Technology Ventures; Peter Roome, Cambia Health Solutions; Larry Sanders, Genentech; Ron Sherman, Silicon Valley Bank; Barry Starkman, HemCon Medical Technologies; and Jennifer Stoll, Allergan.

###

## **Bioscience Incubator to Set Industry Growth in Motion**

Jennifer Fox

*The author, the executive director of OTRADI, encourages legislators to support the bioscience industry by funding its efforts*

OPINION – May 6, 2013 -- Oregon's need for job growth is a conversation that extends well beyond the capitol walls this legislative session. In our businesses and homes, we're debating how to solve Oregon's unemployment and underemployment issues. While opinions abound in how to solve the problem, the consensus is clear. We need to support the businesses we do have, and we need to grow the industries that can sustain job growth.

This argument was echoed in a recent presentation given by Oregon Translational Research and Development Institute (OTRADI) to Oregon's House Committee on Transportation and Economic Development.

OTRADI, like many nonprofits, is attempting to secure ongoing funding. When the country is tightening its financial belt, this is no easy feat. To appeal to decision makers, and the public at large, organizations seeking funding need to prove their worth in terms of profitability and ability to generate job growth.

Created to support and grow startup bioscience companies and researchers in Oregon, OTRADI does just that. It finds funding for its partners, with the goal of attracting, growing and keeping bioscience companies and jobs in the state.

Since its 2007 inception, OTRADI has turned \$10 million in state funding into more than \$55 million in private, federal and foundation funding for Oregon. More specifically, OTRADI has provided scientific expertise, product expansion, grant and investor partnering, and recruitment services to more than 30 Oregon bioscience companies that otherwise wouldn't have the means to access advanced scientific expertise or equipment. And, as outlined in its business plan, OTRADI aims to be fully sustainable without state support by 2017.

According to the Battelle/BIO 2012 State Bioscience Industry Development Report, the bioscience industry is one of the top three economic growth sectors in the state, increasing employment in the biosciences by nearly 31 percent over the last decade, and outgrowing Oregon's total private sector employment by 20 percent since 2001.

OTRADI recognizes the bioscience industry's potential, and sees opportunities to grow the sector even more. At its presentation, OTRADI announced plans to open an incubator this spring, creating the state's first and only bioscience incubator and complementing the organization's ongoing efforts to facilitate local job growth.

To be located in the heart of Oregon's health and sciences cluster in Portland's south waterfront area, the incubator will be home to five to eight bioscience companies, providing opportunities for more than 50 quality jobs in a promising business sector.



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Also referred to as business accelerators, incubators provide space, entrepreneurial mentoring and shared equipment, and are proven catalysts for spin-off company development and job growth.

Incubation space is more than providing labs and offices to fledgling bioscience companies. It's about providing key services these companies lack, so that they can focus time, energy and resources into growing their businesses.

Using industry best

practices and modeled after successful incubators across the country, the OTRADI Bioscience Incubator will provide promising bioscience startups access to world-class expertise and resources, further increasing their chances of successful expansion, and reducing their barriers between innovative bioscience ideas and successful commercialization, all while energizing an already thriving business sector here in Oregon.

Come the end of legislative session, OTRADI will receive notice of the committee's ruling. Hopefully, the committee sees the potential to address our state's unemployment and underemployment issues through bioscience expansion, and grants OTRADI's

request for ongoing funding. Regardless, OTRADI has helped make bioscience's case by supporting business development and by bolstering job growth in a promising industry.

*Jennifer Fox, Ph.D., is the executive director of OTRADI. She can be reached at [jfox@otradi.org](mailto:jfox@otradi.org).*

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## **FOR IMMEDIATE RELEASE**

### **CONTACT:**

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### **Embracing Loss Through Art, Angela Canada Hopkins Finds Success in Facing Her Challenges**

Loveland artist's Cell Series of paintings finds unique placement in literary and scientific community

**Loveland, CO** – For many, cancer is foreboding, but when it touched the life of Angela Canada Hopkins ([www.CanadaHopkins.com](http://www.CanadaHopkins.com)), she turned took inspiration from the challenge. Ms. Hopkins initially painted the disease by deconstructing microscope slides of cancer cells and reinterpreting them. Now, her work has progressed to a more abstract style that references general characteristics of cells. Her unique combination of science and art is beginning to garner more attention. Recently, Canada Hopkins licensed one of her pieces for the cover of *The Abundance: A Novel* by Amit Majmudar (<http://www.amitmajmudar.com/fiction--the-abundance.html>). Elsewhere, the scientific community is finding her artwork a perfect complement to their work spaces, symposiums, and conferences.

Cover art for a novel about cancer seems to be an ideal placement for Hopkins's cancer cell artwork. When Rick Pracher, Art Director at Henry Holt and Company (<http://us.macmillan.com/henryholt.aspx>), researched artwork for the cover of *Abundance: A Novel*, he went looking for images that would juxtapose the ideas within the novel. His research brought him to Angela's paintings. "I thought the description of the unusual beauty in something so destructive fit harmoniously with the novel," Pracher remarked. The novel tells how a grandmother quietly accepts her fate but hopes one last visit from her family can heal a longstanding divide. The family slowly discovers the healing effect that a fight with cancer can have. Released on March 5th of this year, sales of the book have been modest, but reviews are very good and "the author loves the jacket," says Pracher.

Canada Hopkins's artwork is slated to be displayed at the invitation-only opening gala of the new Oregon Translational Research and Development Institute (OTRADI - <http://www.otradi.org/>). A multi-tenant bioscience complex in Portland, Oregon, OTRADI will host its opening event on June 19th and feature several of Angela's Cell Series paintings. The paintings will remain on display to tenants and the public at the facility until July. The



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growing area of bioscience finds a complement in Hopkins' fascinating artwork, and the cellular themes fit right in with the OTRADI research facility's mission.

Hopkins is finding increasing interest in her work from cancer- and health-related symposiums and discussions. Conference planners and researchers find that her paintings enhance discussions surrounding cancer and the science behind diseases and disorders. Late in 2012, Canada Hopkins's work was featured at the Genentech & Livestrong Rev Forum (<http://www.rev-forum.com/>) in Austin, Texas. More recently, Hopkins's Cell No. 9 was used for the cover of the program for the Monell Chemical Senses Center's Spring Colloquium (<http://www.monell.org/>), a seminar on cells and biology. Kelly Van Sickle, development coordinator for Monell, was pleased to find such appropriate artwork for their event, noting that "Angela's artwork on our program booklet was a big hit with our guests!" Canada Hopkins is delighted that her work has such significance to others, and can add interest and color to sometimes-staid science and biology research events, spaces, and publications.

### **About Angela Canada Hopkins**

After her father succumbed to cancer in June 2001, Angela Canada Hopkins decided the best way to overcome her new "enemy" was by embracing it through her art. Each painting begins with a slide of a cell, which she then deconstructs and reinterprets using triumphant colors and bold brush strokes. Each canvas telegraphs a message of hope to cancer sufferers, cancer survivors, and their loved ones. Canada Hopkins is a full-time artist and resides in Loveland, Colorado, with her husband, James. Her work is included in numerous private and public collections, including South Bend Memorial Hospital, South Bend, Indiana and Kettering Medical Center, Kettering, Ohio. It has also been featured on the cover of Wavelength Journal and four issues of the Journal of Oncology Navigation and Survivorship.

For more information, call 970. 689. 9841, email [canadahopkins@gmail.com](mailto:canadahopkins@gmail.com), visit [www.CanadaHopkins.com](http://www.CanadaHopkins.com), or connect at [www.facebook.com/angelacadahopkins](http://www.facebook.com/angelacadahopkins) and [www.twitter.com/canadahopkins](http://www.twitter.com/canadahopkins).

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### **Bioscience growth can boost city's economy**

Portland Tribune

May 23, 2013

*MY VIEW: Legislature needs to fund the industries that will create jobs*

Oregon's need for job growth is a conversation that extends well beyond the Capitol walls this legislative session. In our businesses and homes, we're debating how to solve Oregon's unemployment and underemployment issues.

While opinions abound in how to solve the problem, the consensus is clear. We need to support the businesses we do have, and we need to grow the industries that can sustain job growth. This argument was echoed in a recent presentation given by the Oregon Translational Research and Development Institute (OTRADI) to Oregon's House Committee on Transportation and Economic Development.

OTRADI, like many nonprofits, is attempting to secure ongoing funding. When the country is tightening its financial belt, this is no easy feat. To appeal to decision-makers and the public at large, organizations seeking funding need to prove their worth in terms of profitability and ability to generate job growth. Created to support and grow startup bioscience companies and research in Oregon, OTRADI does just that. It finds funding for its partners, with the goal of attracting, growing and keeping bioscience companies and jobs in the state.

Since its 2007 inception, OTRADI has turned \$10 million in state funding into more than \$55 million in private, federal and foundation funding for Oregon. More specifically, OTRADI has provided scientific expertise, product expansion, grant and investor partnering, and recruitment services to more than 30 Oregon bioscience companies that otherwise wouldn't have the means to access advanced scientific expertise or equipment.

And, as outlined in its business plan, OTRADI aims to be fully sustainable without state support by 2017.



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OTRADI recognizes the bioscience industry's potential and sees opportunities to grow the sector even more. At its presentation, OTRADI announced plans to open an incubator this spring, creating the state's first and only bioscience incubator and complementing the organization's ongoing efforts to facilitate local job growth.

To be located in the heart of Oregon's health and sciences cluster in Portland's South Waterfront area, the incubator will be home to five to eight bioscience companies, providing opportunities for more than 50 quality jobs in a promising business sector. Also referred to as business accelerators, incubators provide space, entrepreneurial mentoring and shared equipment, and are proven catalysts for spin-off company development and job growth. Incubation space is more than providing labs and offices to fledging bioscience companies. It's about providing key services these companies lack, so that they can focus time, energy and resources into growing their businesses.

Using industry best practices and modeled after successful incubators across the country, the OTRADI Bioscience Incubator will provide promising bioscience startups access to world-class expertise and resources, further increasing their chances of successful expansion, and reducing their barriers between innovative bioscience ideas and successful commercialization, all while energizing an already thriving business sector here in Oregon.

Come the end of the legislative session, OTRADI will receive notice of the committee's ruling. Hopefully, the committee sees the potential to address our state's unemployment and underemployment issues through bioscience expansion, and grants OTRADI's request for ongoing funding.

Regardless, OTRADI has helped make bioscience's case by supporting business development and by bolstering job growth in a promising industry.

*Jennifer Fox is executive director of the Oregon Translational Research and Development Institute in Portland.*

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