







COLLECTIVE IMPACT OF JABSOM AND THE UH CANCER CENTER IN FY 2014-15

Added income	Jobs
<b>\$45.8 million</b>	<b>884</b>
<i>Operations spending impact</i>	
<b>\$81 million</b>	<b>757</b>
<i>Research spending impact</i>	
<b>\$7 million</b>	<b>80</b>
<i>Start-up and spin-off company impact</i>	
<b>\$2.6 million</b>	<b>47</b>
<i>Clinical patient and guest spending impact</i>	
<b>\$1 million</b>	<b>15</b>
<i>Visitor spending impact</i>	
<b>\$137.6 million</b>	<b>1,782</b>
<i>Total impact</i>	

\* Numbers may not add due to rounding



RESEARCH SPENDING IMPACT

Research activities impact the economy by employing people and requiring the purchase of equipment and other supplies and services. Over the last seven years, JABSOM and the UH Cancer Center have seen robust growth in the number of patents filed by their researchers, filing 101 new patent applications since FY 2009. This growth is the result of significant infrastructure investment and faculty recruitment. The work of these initiatives is especially telling over a period of time in which the economy has generally not been strong.

In FY 2014-15, JABSOM and the UH Cancer Center spent \$37.8 million on payroll to support research activities. This, along with other expenditures, created an impact of \$81 million in added income for the regional economy. This is equivalent to creating 757 new jobs.

START-UP AND SPIN-OFF COMPANY IMPACT

JABSOM and the UH Cancer Center create an exceptional environment that fosters innovation and entrepreneurship, evidenced by the number of start-up and spin-off companies related to the school and center that were created in the region. Start-up companies, created specifically to license and commercialize JABSOM and UH Cancer Center technology or knowledge, have a strong and clearly defined link to the school and center. Spin-off companies, created and fostered through programs or faculty and alumni, have a clear but weaker link to JABSOM and the UH Cancer Center.

In FY 2014-15, start-up and spin-off companies related to JABSOM and the UH Cancer Center added \$7 million in added income to the O’ahu economy, which is equivalent to creating 80 new jobs. Of this added income, \$3.2 million was due to the start-up companies, with the remainder due to spin-off companies.





# Non-economic impacts

## OF JABSOM AND THE UH CANCER CENTER

JABSOM and the UH Cancer Center have a significant positive effect on their community that an economic analysis does not capture. For example, their cancer-related work extends beyond simply bringing new and innovative clinical trials to patients and conducting cutting edge research that impacts treatment. It also conducts a variety of community outreach programs intended to increase awareness about what causes cancer and how it can be prevented.

One of the UH Cancer Center's major community outreaches is the Hawai'i Skin Cancer Coalition. With prevention as its primary goal, the Coalition supports numerous events annually intended to bring skin cancer into the public mind, raise awareness of its severity, and educate the public about how to prevent it. Beyond skin cancer, the UH Cancer Center sponsors many other outreach events focusing on other forms of cancer, including breast, colon, prostate, and mesothelioma cancers.

JABSOM also interacts with the surrounding community through a wide variety of programs and outreaches intended to make sure that all of Hawai'i benefits from the school's presence. For example, JABSOM sponsors the Hawai'i H.O.M.E. Project, a student-run outreach clinic founded in 2005 that provides quality healthcare for the

homeless population of Hawai'i in numerous locations around the island. JABSOM also offers support to O'ahu kūpuna (elders) via the Mini-Medical School On Healthy Aging, a very popular free course intended to help the elder citizens of Hawai'i understand the aging process and approach it proactively.

Both JABSOM and the UH Cancer Center are members of the University of Hawai'i Cancer Consortium, a unified clinical cancer research effort that also includes Queen's Medical Center, Hawai'i Pacific Health, and the Kuakini Medical Center. Together, the Consortium works to facilitate efficient and effective clinical research in Hawai'i, with a goal of reducing the negative effect of cancer on Hawaiians. JABSOM also partners with the Hawai'i Medical Association to run the Hawai'i Consortium for Continuing Medical Education (HCCME), an accredited program designed to provide continuing medical education for the state's physicians.

To ensure that Hawai'i is able to attract medical talent, JABSOM has joined with six acute care facilities in O'ahu to establish the Hawai'i Residency Programs, Inc. (HRP). Run as a non-profit, HRP serves the state by coordinating the administration of physician residency programs run by the university. HRP makes it simple for medical students to receive the residency training they need at participating hospitals. And it establishes relationships between students and local physicians and health professionals, which not only improve the quality of their training but also provide an incentive to remain in-state at the conclusion of their education.

# Impact of JABSOM's Student Body



*JABSOM is Hawai'i's only medical school, and its student body contributes to O'ahu's economy in a variety of unique ways. In fact, Hawai'i is ranked number 1 in the United States by the Association of American Medical Colleges (AAMC) in 2014 for the highest physician retention of doctors in a state's active physician workforce. According to the AAMC, 86% of all practicing physicians who completed both their medical doctorate and residency training at JABSOM also practice in Hawai'i.*

The school's residency program is a buyer and seller of goods and services. JABSOM also attracts monies that otherwise would not have entered the regional economy through the expenditures of its students. Further, it provides students with the knowledge, skills, and abilities they need to become productive citizens within the medical field and add to the overall output of the region.

## RESIDENCY PROGRAM SPENDING IMPACT

JABSOM's residency program is not only supported by the university, but by hospitals as well. It embodies strong collaborations with local hospitals and would not exist without the hospitals' support. The residency program positively impacts O'ahu by not only training resident physicians, but by employing faculty and staff to teach and support them. The program also re-

## IMPACT OF JABSOM'S STUDENT BODY IN FY 2014-15

Added income	Jobs
\$46.7 million	715
<i>Residency program spending impact</i>	
\$2.7 million	123
<i>Student spending impact</i>	
\$323.6 million	3,352
<i>Alumni impact</i>	
<b>\$373 million</b>	<b>4,190</b>
<i>Total impact</i>	

