

Economic Development & Corporate Training

Quality Training Solutions Within Reach!



**Matthew K. Isaac, Ph.D.,
Executive Director**

Message from Executive Director

As an independent and self-supporting arm of the San Bernardino Community College District, the Economic Development and Corporate Training (EDCT) division carries out the economic and workforce development mission of the San Bernardino Community College District. EDCT has two dedicated training facilities: the Professional Development Center (PDC) and the Donald F. Averill Applied Technology Training Center (ATTC). The programs offered by the division are generally off-the-shelf professional development seminars and workshops or customized performance improvement training and retraining solutions. By using a combination of grant funds and fees-based services, the division delivers human capital development programs specially designed to help employers improve the job performance of their employees and thereby their overall productivity and profitability. As a leading provider of training solutions to the regional businesses, the EDCT serves as a catalyst for job retention and creation in the region leading to economic development.

EDCT is comprised of the following centers and programs: Professional Development Center (PDC), Donald F. Averill Applied Technology Training Center (ATTC), Center for the Advancement of Nanotechnology (NanoCenter), Regional Center of Excellence (COE), Environmental Scanning Services Hub, On-line Education Center (Ed2Go), Logistics Technology Program, and the Career Technical Education (CTE) Community Collaborative. The PDC provides fee-based seminars and workshops, short-term training programs leading to certifications, customized contract training programs for employers, and short-term Clean Energy training programs. The ATTC and the NanoCenter offer short-term career training programs in emerging technologies, such as our nationally recognized Nanotechnology Technician's Training Program. These programs serve to meet the growing technology training needs of employers in the Inland Empire. The Regional Center of Excellence (COE) provides market intelligence and technical support for all 11 community colleges in the Desert Region. As one of the two hubs in the state, the Environmental Scanning Services Hub provides labor market information and environmental scanning reports for all 41 community colleges in Southern California. The On-line Education Center, Ed2Go, delivers a wide variety of not-for-credit professional and personal enrichment classes on-line to learners anywhere in the world. The Logistics Technology Training program, which was funded by a \$4.3 million grant from US Department of Labor, provides specialized job training services for the transportation and logistics industry in the Southern California Transportation Corridor.

EDCT's revenue during the 2009-10 fiscal year was approximately \$11 million and it served over 9,500 participants at our PDC and ATTC facilities and at various employer sites. EDCT's \$11 million in revenue was generated from competitive grants, fee-based and customized training, and labor market research services during fiscal year 2009-10. The competitive grants awarded to EDCT included one year and multi-year funding. CONTINUED P2



**The Donald F. Averill Applied Technology Training Center
(ATTC)**

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Message from Executive Director Continued

The EDCT division is 99% self-supporting and only 1% of our division's support come from general funds. In fact, EDCT has contributed to the San Bernardino Community College District's general fund \$145,427 as indirect costs from grants during the fiscal year 2009-10.

The EDCT division offers only not-for-credit training and re-training as an immediate resource for the workforce. We do not duplicate or conflict with the academic offerings of the colleges. We target and serve a segment of the population that is generally not served by the SBCCD colleges: unemployed/displaced and incumbent workers. We target 75% of the adult population in our region that do not have any college coursework completed and need to upgrade their skills for jobs that do not require a formal Certificate or degree. Additionally, we serve the human capital development needs of the incumbent workers.

As a self-supporting arm of the San Bernardino Community College District, EDCT itself creates full-time, part-time and professional expert jobs in our community. We have currently 13 full-time jobs including 9 District -level management positions, 4 classified and two part-time permanent jobs, two full-time consulting positions, and over 25 professional expert positions at any given time. Over the last 10 years we brought over \$20 million to this region in federal and state grants that gave this region a Return on Investment (ROI) of \$60 million at the minimum.



Dr. Meyya Meyyappan, Chief Scientist for Nanotechnology at NASA, along with Chancellor Baron and Trustees Terrell, Vizcaino, and Futch

EDCT OPENS NANOCENTER

Under the direction of Dr. Matthew Isaac, the EDCT division reinforced its commitment to training the Inland Valley in the emerging field of Nanotechnology, with its opening of the Center for the Advancement of Nanotechnology (NanoCenter) during the 2010-2011 year. "We're proud to have the support of our partners, local officials, trustees, and our Chancellor," said Isaac.

The opening of the NanoCenter marks a milestone and an accomplishment for the EDCT, which was awarded a \$2 million competitive grant from the U.S. Department of Labor in 2009. "The goal of this grant is to help bring about economic development in our region by developing a pipeline of skilled individuals ready for employment," said Albert Maniaol, Director of Applied Technology Training. "It is projected that millions of jobs will be available in the coming years in and related to nanotechnology."

With the NanoCenter opened the EDCT division is poised to reach another milestone this summer with 300 completers of the Nanotechnology Technician's Training program (Nano300).

QUALITY TRAINING SOLUTIONS WITHIN REACH!

NanoCenter will offer Two Summer Cohorts

The Center for the Advancement of Nanotechnology (NanoCenter), at the San Bernardino Community College District (SBCCD), has recently completed instruction for the class that started in March. "These participants came from various walks of life," said Dr. Jamail D. Carter, Assistant Director of Applied Technologies Training. "We're so excited that they invested the time and effort to learn this emerging technology, which has many applications."

There will be two summer training cohorts offered this summer. One cohort will start on May 23, 2011 and the other on July 25, 2011. Interested parties should visit www.attctraining.org. There they will learn how they can take advantage of \$4,500.00 worth of professional development training in Nanotechnology paid for by a grant from the U.S. Department of Labor. On the website, interested parties will find a registration packet along with additional information about the Economic Development and Corporate Training division of the San Bernardino Community College District.

"The instructor made the scientific principles easy to understand," said Osabuogbe Igbinedion, a member of the evening class. The training program requires 90 hours to complete and courses and topics covered include: Electronic Devices, Optoelectronic Devices, Nano-Characterization, Micro-Nanofabrication, Materials Characterization, and Device Characterization.

Joshua Masiko and Emdadul (Bobby) Khan, two participants from a previous cohort, were recently offered positions; Mr. Masiko at a medical organization and Mr. Khan as the West Coast Manager of Operations Logistics for a scientific company. Both individuals believe that the Nanotechnology Technicians' Training Program contributed to their increases in income. CONTINUED P4

EDCT Wins Grants



Robert Levesque, Workforce Development Manager of the EDCT Professional Development Center (PDC), wins \$399,432 funding from the State of California Employment Training Panel (ETP). The funds will be used to train 535 incumbent workers employed at various manufacturing and logistics companies in the greater San Bernardino County area including California Steel, Network Global Logistics (NGL) and Staples. The PDC can recruit additional companies to meet its target. The workers will receive on average 40 hours of instruction from a menu of proposed curriculums in those topics that the employer feels the workers are most in need of. Among the possible selections are: Continuous Improvement Skills such as Lean manufacturing, Scheduling, Inventory Control, Strategic Planning, Teambuilding, and other skills relating to productivity goals of regional employers that allow them to remain competitive in the global market while continuing to support economic growth of California.



Through the efforts and leadership of Wendy Zinn, Manager of CTE Community Collaborative, EDCT's Community Collaborative program won \$400,000 grant from the CTE Pathways Initiative of the California Community Colleges Chancellor's Office for 2010-11. This grant project will help to align local area K-12 career technical education with the SBCCD. The Program is also intended to improve education pathways and career-technical awareness for students enrolled in both systems. The EDCT Community Collaborative program continues to build a system of Science, Technology, Engineering and Math (STEM) pathways and career awareness in new fields of technology across the Eastern portion of San Bernardino County. Through these efforts EDCT hopes to see increases in academic achievement combined with added relevance of STEM curriculum to close the achievement gap.



Nanotechnology Training Program Completers Class of March 2011

NanoCenter to offer Two Summer Cohorts Cont.

“It is satisfying when you hear stories like these,” noted Dr. Matthew Isaac, Executive Director, Economic Development and Corporate Training. “This training program was designed to advance the economic development opportunities for Nanotechnology in our region, by developing a pipeline of skilled individuals ready for employment as technicians in the field of Nanotechnology and related fields. The experiences of both Joshua and Bobby show that we are making progress in this endeavor,” said Isaac.

“Solutions just don’t fall out of the sky for the unemployed. In order to be positioned to land a job in our region’s highly competitive job market individuals need to obtain new skills,” noted Carter. “Our state’s unemployment is hovering around 12%. We (the SBCCD) are fortunate to have been awarded funding to introduce and train the Inland Valley in several emerging technologies, to help those in our community develop the skills needed to be successful in today’s economy. We’re proud to boast that nearly 1 out of 5 individuals who complete our program who were unemployed when they started land a job within 90 days after completion.”

Most of the classes take place here at the NanoCenter, with some components of the hands-on portions held at the Bourns College of Engineering Labs at the University of California at Riverside.”

Economic Development & Corporate Training (EDCT)

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