



Expanding Career Opportunities for Rural Hispanics
 2+2 Title V Program
 a collaboration between
Imperial Valley College & San Diego State University – IV Campus
 August 2008



IVC

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 Kathy Berry
 Lianna Zhao, M.D.
 Allyn Leon
 Diedre Pollock-Blevins
 Carol Lee
 Rick Castrapel
 Ricardo Jimenez
 Marilyn Boyle
 Kristen Gomez
 Joan Steincamp

Internal

Monitoring Team

Jeff Cantwell
 Stella Orfanos
 Eva Rios, Student
 Robin Ying, Ph. D.

SDSU-IVC

Stephen Roeder, Ph.D.
 Jeanette Shumaker, Ph.D.
 Roger Dunn, Ph.D.
 Helina Hoyt
 Sue Nichols
 Miguel Rahiotis
 Bill Root

Internal

Monitoring Team

Student Representative
 Imre Tuba
 Ken Neely

EVALUATOR

David Trujillo

**COMMUNITY
 LEADERS
 ADVISORY
 BOARD**

Computer Science

Roberta Burns
 Jim Eyer
 Angel Marcial
 David Schoneman

Nursing

Tina Aguirre
 Judy Hamilton
 Ed Kirkpatrick

NEWSLETTER

Title V Program
 380 E Aten Rd., # 1604E
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Nursing Updates

Spring 2009 will see the graduation of the first class of BSN students from SDSU-IV under the Title V 2+2 program. Planning is underway and the students are involved in the process.

Dr. Rhoberta Haley, SDSU School of Nursing Clinical Placement Coordinator, met with students and discussed nursing graduate programs available to them.

Diedre Pollock and Helena Hoyt gave a presentation to the Imperial Valley Junior and Senior High School counselors on the pathway for students interested in nursing and health career options.

A survey of the RN-BS students was conducted and the results indicate that students like the small class size that allows more individualized attention. Students feel encouraged and motivated by instructors. Students expressed interest in a combination of on-line and regular class meetings.

Students appreciate the program is offered in the Imperial Valley. In the areas that need improvement students identified technology issues and the financial aide process. These areas are being worked on and progress has been made in each.

**First Annual Southwest
 Regional Title V/HSI Best
 Practices Conference**

Dr. Shumaker and Dr. Zhao provided a presentation at the Title V Conference in Albuquerque, New Mexico on March 28th. The presentation was well received by the participants that represent other Title V co-operative projects. Some participants expressed having a lot of problems with their projects due to distance between partner institutions, interpersonal issues, and in some instances the projects were written by a consultant and did not match what the institutions needed. Dr. Shumaker & Dr. Zhao led a discussion on best practices and suggestions on how to overcome some of these and other challenges of co-operative projects. Participants shared what had worked for them. One person commented that the presentation was such a unique style, an inviting style, because everyone was talking and taking part at the

end. The Power Point presentation is available on the project web site.

**Up Coming Meetings
 All Meetings Held At
 SDSU-IV Nogales Room**

**Coordinators Meetings
 10:00 am-11:30 am**

Fall 2008
 September 17, 2008
 October 29, 2008 *
 November 19, 2008

Spring 2009
 February 18, 2009
 March 18, 2009
 April 8, 2009
 May 20, 2009

**Internal Monitoring
 Teams (IMT)**

October 29, 2008 *
 *David Trujillo, Evaluator
 visit

**Community Leaders
 Advisory Board (CLAB)**

Computer Science
 November 12, 2008
 10:00 am

Nursing –Spring 2009
 Dates and location TBD

Program Evaluation

David Trujillo, the *Title V External Evaluation Consultant*, will attend the annual Internal Monitoring Team Meeting and our Coordinators meeting October 29, 2009.

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Title V 2 + 2 Program
August 2008

Major Objectives
Year 3: 2007-2008

Objective 1:

Increase IVC enrollment in the 2+2 computer science degree program, and gain administrative approval of SDSU-IV's computer science BS program that increases employment opportunities for Hispanic and other low-income Students.

Objective 2:

Enroll SDSU-IV students in the 2+2 degree program in nursing, and institutionalize funding for the new nursing faculty at IVC

Objective 3:

Save both institutions money through the joint use of laboratories and other facilities, while increasing the institutions' income through increased FTES and private donations.

AERIAL ROBOTICS
COMPETITION



On Saturday, May 3rd, students from four Imperial Valley high schools met at the Imperial Valley mall for an aerial robotics competition sponsored by the Title V Cooperative 2 + 2 grant. The purpose of the competition was to generate interest in the Computer Science bachelor's degree program offered in a partnership between Imperial Valley College and San Diego State University, Imperial Valley Campus.

Students from Calipatria, Central Union, Imperial, and Southwest high schools attended a series of workshops between September and March, and were provided with materials to program microchips that would enable model helicopters to be controlled by a mouse on a laptop. Students gained valuable experience working with microchips, wiring, and assembly language, while having fun flying these helicopters.

The event took place near the indoor entrance of Macy's Department Store in the Imperial Valley Mall. Members of the Title V staff were in attendance. In

addition, others in attendance included several faculty from both campuses, Dr. Roeder (Dean of SDSU-IV) and Dr. Gould (President of IVC), student family members, and other members of the community.

Also in attendance were students from IVC's computer science program, along with their instructor, Ricardo Jimenez. The computer science group from IVC had a display with robots that they had programmed to perform several tasks, including dancing, playing soccer, and writing, among others.

Each student and advisor participating in the competition received a certificate, and each team (school) received a plaque with the school's name and the name of all the participants and advisors. Due to some technical difficulties, there ended up not being a "formal" competition.



The involvement of SDSU graduate students Ivan and Anthony Bajic was instrumental to the success of the student learning experience. They provided the hands-on instruction and served as great mentors to the students.

Computer Science
Careers in Law
Enforcement

On Friday, May 16th, IVC hosted a forum on computer science careers available in Law enforcement agencies. Speakers from the Federal Bureau of Investigation and Calipatria State Prison shared their knowledge, experience, and insight with students in attendance during this event.

The purpose of this forum was to inform students, community members, and those currently working in various law enforcement agencies about potential computer science careers within law enforcement, and to promote the 2 + 2 program at IVC and SDSU-IV. Both speakers indicated their willingness to participate in future forums such as this one.

Fall 2008
Computer Science
Classes

IVC

CS 220 Introduction to Object Oriented Programming Using Java

CS 230 Intermediate Object-Oriented Programming Using Java

CS 280 Assembly Language and Machine Organization.

SDSU-IV

CS 310 Data Structures

CS 370 Computer Architecture