

About the CREST Center



The CREST Center for Research Excellence in Bioinformatics and Computational Biology was established at

NMSU in 2004 with a grant awarded by the National Science Foundation. The mission of the CREST Center is to create a dynamic and interdisciplinary research environment to promote training, education, and research innovation in the field of Bioinformatics, bringing together the fields of Computer Science, Biology, Chemistry, Biochemistry, Plant and Environmental Sciences and Mathematical Sciences.

Important Dates:

2009 High School Bioinformatics Program
July 6 - July 17, 2009

Deadline to Apply
April 30, 2009

Dr. Desh Ranjan, Director, PI
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Background Courtesy of Flávio Takemoto

2009 HIGH SCHOOL BIOINFORMATICS PROGRAM



New Mexico State University
Center for Research Excellence in
Bioinformatics &
Computational Biology



Students practice bioinformatics research methods

The Computer Science Department at New Mexico State University provides a unique learning experience for local high school students

to gain exposure to the exciting field of bioinformatics using different applications in computer science.

What will I learn?

Participants will spend time in a computer lab and a biology wet lab conducting research in the field of bioinformatics, which is the rapidly growing field that combines biology and informatics.

Additionally, students will create a conference caliber poster using their own research, that will be presented to their peers and the NMSU Computer Science Department faculty and staff.

How much does the program cost?

The program is free for all participants. In fact, students are paid a \$200 weekly stipend to participate. During the summer program, all materials and lunches are provided.

What are the qualifications and how do I apply?

Local high school students with a GPA of 3.0 and an interest in computers, math, and science are encouraged to apply. Applications can be obtained by contacting the program coordinator whose contact information is list on the back panel of this brochure.



Students receive hands-on experience in the biology wet lab

But is it fun?

Participants will be in a hands-on learning environment, conducting research and working in labs.



Students at work

Participants will have the opportunity to interact with students from other local high schools, community college students and NMSU undergraduate and graduate students. Additionally, recreational and social activities will also be planned to round out the camp experience.

Are you interested in learning more about Computer Science and Biology?