



**Conference on New Teachers in Genomics  
July 14-16, 2008**

**Return completed application materials to:**

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## **Workshop Description**

Applications are currently being accepted to participate in our inaugural Conference Of New Teachers In Genomics (CONTIG) workshop taking place July 14-16, 2008. Six high school teachers will be selected to attend this three-day workshop, which will run from 8:00 a.m. until 4:00 p.m. each day. Teachers will be asked to evaluate the program and provide valuable input into the structure and development of a five day workshop for 2009. The program is a collaboration between The Scripps Research Institute and the Miramar College Biotechnology Center.

A \$300 stipend is being offered to participating teachers. An option for three quarter CEU units will be available. This will be a 3-quarter unit workshop (equivalent to two semesters).

## **Workshop Content**

We have developed a program that we hope answers those all-important student questions of “so what?”, “who cares?”, and “is this going to be on the test?”. Our timeline will take you from the initial extraction of DNA, through the Central Dogma of biology, ending with protein structure analysis. Components of the program begin with hands-on activities in a Miramar College lab classroom with scientists from The Scripps Research Institute. We will learn basic techniques for DNA extraction, DNA sequencing and proteomics studies. The second day will include PCR, DNA Contigs, gene cloning, protein purification, and protein crystallization. Our third day will begin at the San Diego Supercomputer Center with an introduction to BLAST, RasMol and other interactive computer programs available for educators. The day will end with a tour of the Kuhn/Stevens lab at The Scripps Research Institute.

Included in the program is continental breakfast each morning, lunch each day and parking at UCSD. Not included is transportation to the three sites, though we may carpool during the day when transferring for late morning and afternoon activities or tours.

## **Workshop Facilitators**

The program facilitators are Judi Heitz from Chula Vista High School [judihetiz@cox.net](mailto:judihetiz@cox.net) and Susan Moerder [smoerder@cox.net](mailto:smoerder@cox.net) from Francis Parker School. Please feel free to contact them with questions you may have.

## **Deadline**

Application must be postmarked no later than **May 9, 2008**.

Applicants will be notified of their acceptance via email.

## **Questions?**

Please contact Marisela Chevez, Director, Academic Preparation & Outreach Programs, TSRI, at 858 784-2171 or email [mchevez@scripps.edu](mailto:mchevez@scripps.edu) or Ange Mason, Education Program Manager, SDSC, at 858 534-5064 or email [amason@ucsd.edu](mailto:amason@ucsd.edu).

**Application for SDSC/TSRI CONTIG Teacher Workshop  
July 14- 16, 2008**

<b>General Information (Please Print)</b>	
Name:	School:
Home address:	
Home telephone:	
E-mail address:	
<b>Academic History</b>	
Name of college/university attended (undergraduate):	
Year of graduation:	
Degree:	
Name of college/university attended (graduate):	
Year of graduation:	
Degree:	
Additional courses, credentials:	
<b>Work History</b>	
Name of school at which you are currently teaching:	
School address:	
School telephone:	
Name of principal:	
Years of employment (from ___ - ___ )	
Courses taught:	

**Previous teaching experience** (please list teaching appointments chronologically)

Name and address of school:

School telephone:

Name of principal:

Years of employment (from \_\_\_ - \_\_\_ )

Courses taught:

Name and address of school:

School telephone:

Name of principal:

Years of employment (from \_\_\_ - \_\_\_ )

Courses taught:

Additional teacher training, seminars attended, university-affiliated internships:

Honors and awards:

**Statement of Goals**

In 300 words or less, please answer the following questions: How did you learn about the CONTIG Teacher workshop? Why are you interested in participating in this workshop?