

NEWS RELEASE



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UNIVERSITY OF NEVADA SCHOOL OF MEDICINE

FOR THE GOOD HEALTH OF NEVADA

Teachers Brush up on Their Science

Lynne Williams, medical school information
Feb. 23, 1995

FOR IMMEDIATE RELEASE

Saturday, Feb. 25, science teachers from two Nevada high schools will attend the second of five seminars aimed at updating scientific content and teaching techniques.

Eighteen teachers and two principals from Clark High School in Las Vegas and Hug High School in Reno have been selected for the program, which takes a new approach to teacher education. Instead of taking one or two teachers from several schools, this program focuses on two schools and their entire science department and administration.

Part of this Saturday's seminar will focus on Cystic Fibrosis, its treatment and the psychosocial issues for the patients and their families. The seminar also features a panel discussion about the treatment and ethics of transplantation, from the perspective of both the medical professionals and the patients.

In the afternoon, participants will conduct laboratory experiments involving chloride channels, lung function, and airway obstruction. At 3:00 p.m., they will move to the computer skill stations, and at 4:15, they will present their ideas for use in the classroom.

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Each seminar in the series focuses on a particular scientific field of study. Participants will assess their curriculum needs, learn hands-on techniques for teaching the subject and how other disciplines relate to it. During the summer the teachers will complete a research project and develop curriculum to take back to their classrooms for the coming fall.

The remaining day-long, Saturday seminars, sponsored by the University of Nevada School of Medicine and funded by the Howard Hughes Medical Institute (HHMI), will be held on March 18, April 22, and May 13; and the same group of teachers will return for a two-week workshop during the summer. The grant from HHMI is \$200,000 distributed over the next five years.

Interested media representatives should contact Lynne Williams, 784-6003, or Ann Diggins, 784-1317; in Las Vegas, contact Marie Pearce, 383-2638.

List of participants

Clark High School

Carol Adamson, biology anatomy and physiology
Wade Boyce, vice-principal
David Goings, hydrogeology
Diane Hovland, anatomy and physiology
Norman Johnson, biology, botany
Barbara Letourneau, chemistry
Robert Owczarzak, chemistry
Wayne Tanaka, principal
Diane Bordenave, earth science
Regina Butler, earth science, biology
Kenneth Hamilton, biology/chemistry
Beth Isaacs, biology, life science
Kristine Kirkeeng, biology, zoology
Matt Murphy, biology, chemistry
Modell Talbert, physics
Marcia Taylor, chemistry

Hug High School

Ted Branson, chemistry, physical science
J.M. Freedman, life and environment
Lynn Garcia, biology
Lory Heron, physics, chemistry
Kay Dee Ross-Isernhagen, biology
Isabella Clark, biology
Yvonne Gandolfo, physical science
Jonathan Hanbury, geology
Leigh Rasmussen, general science
Mark Williams, vice-principal