

# Science Teacher Retreat



## Podcasts

### Rural Health Education Network (RHEN) events




The University of Nebraska Medical Center's Rural Health Education Network (RHEN) sponsors a Science Teacher Retreat each summer. Teachers learn new science teaching methods and improve their inquiry skills in order to expand their science curriculum. Through a partnership with the Nebraska Department of Education and Educational Service Unit 10, the RHEN office provided a capstone program of 60 hours over a two-week period for 17 high school science teachers from 16 rural Nebraska school districts. This workshop is a great opportunity in providing science experiences to Nebraska's rural teachers, as well as a chance to gain resources and learn from one another.

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### Psychology of students: How to motivate them

By Bill Warzak, Ph.D. (1:06:35)

In this session, William Warzak, psychologist at the University of Nebraska Medical Center, instructs on How to Motivate Students during the Science Teachers Retreat. He defines motivation and its relevance, and what makes an effective motivational system.

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### Other formats:

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## Forensics Activity Lecture

By Lloyd Halsell (1:02:45)

In this session, Lloyd Halsell, DNA analyst at the University of Nebraska Medical Center, instructs on human DNA identity testing at the RHEN Science Teachers Retreat. He covers applications of human DNA testing for criminal, civil and clinical settings. The genetics and methodology of short tandem repeat (STR) testing are discussed in detail. Some brief case studies also are presented.

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### Science Teacher Retreat Links



Cory Spotanski, Michael Zarate, and Larry Bockelman practice their lab skills at a University of Nebraska at Kearney science lab.



Dan Widick, Betsy Maryott, and Chelle Gillan, look at machinery used in the genetics laboratories at the Henry Doorly Zoo.



Randy Linemann spots peptides in a UNMC core facility while Mitch Osborn, Billie Graham, Shelly Avery, and March Seier look on.

[Science Teacher Retreat 2008](#)