

Dear 21 Club members:

Dr. Denece Kesler will be giving the presentation at the club's next meeting on September 21st, which as previously announced will be held in the UNM SUB in Acoma A. Her presentation title, a brief abstract and biography are included below. The main dinner entrée will be a new one provided by the SUB caterers, Spinach-stuffed chicken. You can pay as usual by going to the meetings area of the club webpage (<http://21club.unm.edu/meetings.html>), then click on the current meetings date; scroll to the bottom of that webpage to the PayPal area, where you can either pay using PayPal or your personal credit card. There seems to be an issue with the provided PayPal code for some as it counts all dinners as Vegetarian. Don't worry about that, as the price is the same for both options. If you do want vegetarian, as always, just contact me via email at lmcfadnm@unm.edu and I will order it from the SUB associates. Please get your orders in by Sept. 17th, so I can deliver an accurate estimate to the SUB -- enabling them to prepare properly for our event. While you are on the club website, consider going to the Dues area, and use PayPal to pay your annual \$ 21 membership fee. Or, you can simply mail a check to Club treasurer Dan Finley:

The 21 Club

Physics and Astronomy MSC07 4220

University of New Mexico

Albuquerque, NM 87131-0001

Speaking for the Board, we are really pleased to kick off the year with a presentation that should be of particularly great interest for citizens of the great state of New Mexico, a state with abundant natural resources, including enormous uranium ore deposits. Dr. Kesler's presentation will elucidate the large environmental issues we face associated with extraction of such ore, a problem faced recently by New Mexicans in northwestern NM when the San Juan River quite suddenly transported an enormous volume of toxic gold mine waste from an abandoned mine in Colorado.

Cheers,

Les McFadden
21 Club President

Denece Kesler, Professor, Department of Internal Medicine

Uranium Production and Related Worker Exposure in New Mexico

Abstract:

New Mexico was the United States leader in uranium production between 1953 and 1993 with the result that uranium mining and processing impacted many New Mexicans, especially the Native American and Hispanic populations. The University of New Mexico Radiation Exposure Screening and Education Program (UNM RESEP) screens patients for radiogenic cancers and diseases and helps eligible patients to apply for federal compensation and medical treatment based upon identified medical conditions that arise from exposures. This presentation will briefly review the history of the uranium production industry in New Mexico, identify the diseases associated with exposures within the industry, and describe the RESEP program.

Bio:

Dr. Kesler is board certified in Preventive Medicine (Occupational Medicine) and is a Professor in the Division of Epidemiology, Biostatistics, and Preventive Medicine in the Department of Internal Medicine at the University of New Mexico Health Sciences Center. She directs the University preventive medicine programs to include the Center for Occupational and Environmental Health Promotion and the Public Health and General Preventive Medicine Residency Program, as well as several funded research projects related to preventive medicine. Dr. Kesler also has national positions to include currently serving as the Chair of the American Board of Preventive Medicine (ABPM) and as a member of the American Board of Medical Specialties (ABMS) Board of Directors. She previously was a member of the DHHS/CDC National Institute for Occupational Safety and Health (NIOSH) Board of Scientific Counselors.