

Thursday 07 Feb 2013

SCIENTIFIC ADVISING FOR *BREAKING BAD*

Donna J. Nelson

*Department of Chemistry and Biochemistry
University of Oklahoma*



Dr. Donna Nelson, technical advisor to the Emmy Award-winning television series, "Breaking Bad." A proponent of scientific accuracy in television and film, Dr. Nelson will discuss her role as technical advisor to a television show which involves chemistry.

"Breaking Bad" is the story of a struggling high school chemistry teacher who is diagnosed with advanced lung cancer. He turns to a life of crime, producing and selling methamphetamine with the aim of securing his family's financial future before he dies.

6:00-6:30 pm Reception, Howell Hall Atrium

6:30-7:15 pm Dinner, Nigh University Center, Will Rogers Room, Room 421

7:15-8:15 pm Presentation

University of Central Oklahoma,

Edmond, OK

<http://www.uco.edu/>

Menu, Rancher's BBQ Buffet

Grilled hickory chicken,
sliced BBQ brisket,
pulled pork
ranch style beans, mini corn cob
cornbread with butter
potato salad, green salad
apple pie or peach cobbler
coffee and tea

Cost

\$18 members
\$5 students



UCO campus map

RSVP Deadline

Monday, February 4th, 5 pm

Contact: Carla Supon

phone: 405-974-5732

email: csupon@uco.edu

Vegetarian option available. Please indicate when you RSVP

Directions Campus map (QR above or see other side) Paid parking is available in the Visitor Lot, east of the Nigh University Center. The Howell Hall Atrium is on the ground floor between Howell Hall and the Howell Hall Laboratory Annex Building. The Will Rogers Room is on the fourth floor of the Nigh University Center.

Donna J. Nelson Biographical Sketch

Dr. Donna Nelson, professor of chemistry at Oklahoma University, obtained her PhD in chemistry at UT-Austin with MJS Dewar, did her postdoctorate at Purdue with HC Brown, and joined OU.

Her research areas are nanoscience, communicating science to the public, organic chemical education, and scientific workforce development. She has over 100 publications and many honors, including American Chemical Society (ACS) Fellow, ACS Israel Award, ACS Nalley Award, Oklahoma Chemist Award, Fulbright Scholar, National Science Foundation (NSF) ADVANCE Leadership Award, Women's eNews "21 Leaders for the 21st Century," AAAS Fellow, Guggenheim Award, NOW "Woman of Courage," Ford Fellow, Sigma Xi Faculty Research Award, NSF Special Creativity Extension, and many keynote talks.

Her nanoscience research involves functionalizing single walled carbon nanotubes (SWCNTs), with applications in

energy research and technology development, and led to the successful application of nuclear magnetic resonance (NMR) to functionalized SWCNT analysis. Her work showed that both covalent functionalization and complexation of organic molecules to SWCNTs causes nearby protons to be shifted downfield in the NMR.

She advises television programs, such as Breaking Bad, in order to further the universal goal of presenting accurate science to TV audiences. In accord with this program, in 2011, she organized the highly-popular Hollywood Chemistry symposium at the Anaheim ACS Meeting and Science on the Screen symposia at the Denver ACS Meeting.

Her scientific workforce surveys, of faculty race/ethnicity, gender, and rank in science and engineering at research universities, revealed that women and minorities are much less represented among professors than degree recipients.

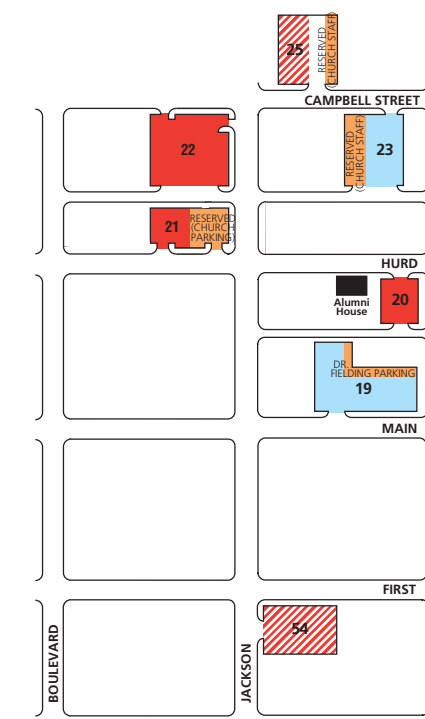
PARKING LOT DESIGNATIONS – VALID FALL 2012

All vehicles must display a current UCO parking decal and park in their designated parking lots.



- Commuter Parking**
(any current UCO permit from 4pm - 7am)
- Commuter Parking**
(from 7am - 4pm only)
- Housing Parking only, 24 hours/day**
- Faculty/Staff Parking**
(any current UCO permit from 4pm - 7am)
- Faculty/Staff Parking only, 24 hours/day**
- Multipermit Parking**
(any current UCO permit required)
- Multipermit Parking**
(from 7am - 4pm only)
- Visitor Parking - metered or pay lot parking, (must be paid)**
- Reserved Use**
- Authorized Vehicles Only**
- Disabled Parking**
- Motorcycle Parking**
- Bicycle Rack**

Lot	Walking Distance from Nigh University Center (minutes)
1	7:00
6	4:00
12	4:30
16	7:00
18	5:00
22	8:00
29	6:30
49	11:00
54	8:00



THE BEST PLACES TO PARK THROUGHOUT THE DAY!
 If you arrive between 7 and 9am
 9 to 11am
 11am to 3pm
 Look for open spaces
 In all parking lots
 North and east side of campus
 North of Ayers

