

WEDNESDAY 26 SEP 2018

# CREATIVE PROBLEM SOLVING IN CHEMICAL RESEARCH

Bill Mattson

*Dept. of Chemistry, Randolph College, Lynchburg, VA*



Enjoy an interactive presentation while strengthening an important skill—problem solving. In the day-to-day work environments of chemists and others, it is essential to be able to solve problems creatively. Such problems might involve obtaining new research ideas, improving processes and production in industry, or dealing with problems that arise during research. Oftentimes people apply a random process rather than something more directed, and the results are often poor. This presentation will provide insights that will allow you to improve your creative problem-solving abilities. The speaker has been teaching creative problem solving for many years, and has proven that it can be learned! Past audience responses suggest that regardless of whether you are a chemist, this interactive presentation will be worthy of your time for both its value and its thought-provoking and entertaining elements.

**6:00-7:30 pm Social Hour/Dinner**

**7:30-8:30 pm Presentation**

**Astellas Conference Room (3410/3430)**

*enter building via SW door,  
the other doors will be locked*

**The University of Oklahoma**

Stephenson Life Sciences Research Center

101 Stephenson Parkway, Norman, OK

map: <https://goo.gl/maps/Y7qPQS1Fh6R2>

*(Parking and entrance door map on other side of flyer.)*



OU map  
QR code

## Menu from Abbey Road Catering

Honey Glazed Country Ham thinly Carved On Site (GF),  
Assorted Rolls, Creole Mustard, and Mayonnaise,  
Italian Meatballs in In-House Marinara Sauce with Fresh Basil,  
Spinach and Artichoke Dip with White Corn Tortilla Chips (GF),  
Rosemary Roasted New Potato Skewers  
with Pesto and Sundried Tomato Dip (room temperature) (GF),  
Domestic Cheese Display of Mild Cheddar, Spicy Pepper Jack,  
and Monterey Jack, Cubes and Garnished with Berries and Nuts  
served with Assorted Crackers.

*RSVP is not require to attend the presentation.*

## Cost

\$25 members

\$10 graduate students

\$ 5 undergraduate students

## RSVP Deadline

Monday, Sep 24<sup>th</sup>, noon

Contact: Rama Kothapalli

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## Bill Mattson Biographical Sketch

Bill has been a chemistry professor at Randolph College in Lynchburg, Virginia. He earned a B.S. and a Ph.D. in Chemistry from the University of Virginia and an M.S. in Technology of Management from American University. In addition to teaching general, analytical, and instrumental chemistry and to working both on and off campus with students on research projects, Bill offers a popular course in creative and critical problem solving.

Bill has spent 29 of the past 32 summers teaching or conducting research at the University of Virginia, James Madison University, the University of North Carolina,

and the University of Tennessee. He has also served as a senior reviewer charged with helping to audit all Advanced Placement chemistry courses in the nation, a consultant for the South Carolina Course Alignment Project, a question writer for the American Dental Exam, an Educational Testing Service chemistry Advanced Placement reader, a National Science Foundation panel member for grant evaluation, a director of the Central Virginia Regional Science Fair, and a master of ceremonies for a high school Academic Competition for Excellence program.

