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RUTGERS' CENTER FOR DERMAL RESEARCH  
(CDR) SEMINAR SERIES JOINT SEMINAR WITH COLGATE PALMOLIVE

## Guest speaker: Aixing Fan

Rutgers, The State University of New Jersey  
April 24, 2017 at 5:30pm

# *Introduction to Surfactants in Skin cleansers*

## ABSTRACT:

This presentation is a basic introduction to different types of surfactants with a focus on the surfactants commonly used in liquid skin cleansers such as body washes and liquid hand soaps. The structures, properties, key performance attributes, and some testing methods for these surfactants will be discussed. The last part of the talk also highlights technology examples currently incorporated in the premium tier of body washes.

## BIOGRAPHY:



*Aixing Fan joined Colgate-Palmolive Company in 1999, currently Manager of Technology at Early Research Group of Personal Care Product Department. Over the past 18 years, Aixing has worked extensively on underarm products and skin cleansing systems as well as the emerging field of bacteria genomics. In addition to a deep understanding in the field, she also contributed to a number of technologies that were successfully launched to the market. She has over ten patents and patent applications and also co-authored 2 book chapters in the Surfactant Science Series and the Chemistry and Manufacture of Cosmetics respectively. She has won the Global Technology Excellence Award twice in her company. Prior to joining Colgate, Aixing worked at DuPont as a staff chemist. She holds a Ph.D. in Surface and Colloid Chemistry from Columbia University and a B.S. in Chemistry from Peking University.*

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