



Kansas State Chemistry

**Kansas College Chemistry
Teacher's Conference
April 24-26, 2008
Kansas State University
Manhattan, KS**

**Thursday April 24
Clarion Hotel, Paddy O'Quigley's
530 Richards Drive**

7:30 pm – 9:00 pm Registration and welcoming
mixer

**Friday, April 25
Clarion Hotel
Regency Ballroom B1**

8:00–8:45 am Registration and Continental
breakfast
8:45–9:00 am Welcome and opening remarks
9:00–9:30 am *Using Web-Based Tools to Study
Problem Solving in Chemistry*, Dr.
Norb Pienta, Iowa University
9:30-10:00 am *Student's Perceptions of the Purpose
of Activities and Problem Solving
Techniques*, Dr. Sanjay Rebello,
Dept of Physics, KSU
10:00-10:30am *What does Problem Solving Look
Like in an Introductory Chemistry
Course*, Dr. Lou Wojcinski, KSU
10:30-10:45am Break
10:45- 1:30am *Panel Discussion* with Drs Pienta
Rebello and Wojcinski
11:30 am Lunch Conference Room II-III,
Clarion Hotel
Poster Session during lunch time.
1:00-1:30 pm *Promoting Inquiry in the Laboratory*,
Dr. Norb Pienta, Iowa University
1:30-2:00 pm *Research by a High School Student*,
Dr. Stefan Bossmann, Kansas State
University
2:00–2:15 Break

2:15–2:45 pm *Biodiesel in the Chemistry Lab*, Dr.
Gary Hestand, Bethel College
2:45–3:15 pm *Role Playing in an Environmental
Chemistry Lecture Course*, Dr. Dan
Higgins, Kansas State University
3:15–3:30 pm Discussion
3:30-5:00 pm Tour NanoScale Corporation, 1310
Research Park Dr., Manhattan, KS:
*Nanoscale markets, commercializes and
manufactures customer driven products,
technologies and solutions such as metal
oxides, granules and suspensions.*

**Friday, April 25
Clarion Hotel
Conference Rooms I-III**

6:30 – 7:00 pm Evening mixer
7:00 –8:00 pm Banquet
8:00-9:00 pm Music by – Katrin and Stefan
Bossmann

Saturday, April 26
King Hall Room 004
Kansas State University

- 9:00–9:30 am Continental Breakfast
- 9:30-10:00 am *POGIL from a Students’
Perspective*, Elizabeth Ploetz and
Stefan Kraft, KSU
- 10:00–10:30am *Determination of Fluoride in Tea:
How to Perform A standard
Additions Calibration when the
Instrument Response is Nonlinear*,
Dr. Eddie Olmstead, Ft. Hays State
University
- 10:30-11:00am *Undergraduate Lab Experiments
Involving Nanoscience: Vitamin C
Sensors Based on Monolayers and
Microscopic Observation of DNA
Molecules*, Dr. Takashi Ito, Kansas
State University
- 11:00–11:30am Green Chemistry, Dr. Chris Levy,
Kansas State University
- 11:30-11:45 KCCTC business meeting – 2009
KCCT host?
- 11:45 Lunch