

the Alembic



Chair's Corner



Dear Fellow Chemists,

A big thank you to Dave Lewis for his presentation on the contributions of Russian chemists at the Eau Claire meeting on March 20. I'm sorry I couldn't make it because of company business, but I understand that fifteen members enjoyed an excellent presentation.

Our next meeting is Tuesday, April 16 in Stevens Point. Dr. Joe Vinson will speak on the analysis of cannabinoids. Kevin Czerwinski is hosting. Marv Lang assisted with many of the arrangements for Dr. Vinson. Please see the meeting announcement in this issue of the Alembic for details.

We recently received three fifty-year membership certificates which we are very proud to present to the members who earned them: Hayden C. Flor of Wausau, John D. Hane of Wisconsin Rapids, and Donald E. Janssen of Woodruff. Congratulations!! Tip Randall, our secretary/treasurer, will be mailing the certificates to these gentlemen and inviting them to join us as our guests at the May 3

spouses night/awards night event in Eau Claire. If you know one of these gentlemen, you might offer to give him a ride to the meeting if he would like one. We would surely like to recognize them.

Awards committee chairman, Tom Marty, is a busy person at this time of year. The process of selecting an outstanding high school chemistry teacher is well underway. Dave Lewis's suggestion to solicit nominations from college chemistry freshman appears to have worked very well. We have a number of nominees and are in the process of getting supporting letters from their schools. Laura Cole is administering the Chemistry Olympiad for our Section, and the high school senior who scores highest in the Olympiad will win our award for Outstanding High School Senior in Chemistry. The process of selecting an outstanding college student is also well underway. All these awards will be presented at the May 3 Spouses Night/Awards Night.

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ACS - CWS Mini-Directory

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ACS-CWS Web Page

<http://www.uwsp.edu/chemistry/acscws/>
or you can link there from the American Chemical Society home page - Local Sections. Contains the most up-to-date information about section activities.

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ACS - Central Wisconsin Section 2002 Meeting Schedule				
DATE	LOCATION	SPEAKER	TOPIC	HOST
January 23	Marshfield		"Meeting in Miniature"	Tom Marty
Feb. 13	Wausau	C. Alton Hassell	Nuclear Chemistry	John Hollis
March 20	Eau Claire	David Lewis	"Dave and the Dead Russians"	Jack Pladziewicz
April 16	Stevens Point	Joe E. Vinson	Analysis of Cannabinoids	Kevin Czerwinski
May 3	Eau Claire		Awards and Spouses Night	Dave Lewis
Sep. 11	Stevens Point	Stanley Manahan	Environmental Science	Tom Zamis
Oct. 7	Eau Claire	J. Ernest Simpson	"Chemistry of Wine"	Dave Lewis

Chair's Corner Continued

And more, we hope! In this issue of the Alembic you should find calls for nominations for three more awards: Outstanding Service to the Section, Outstanding Contributions to Chemistry, and Outstanding Company. We need nominations from our members for these awards. Please take a few minutes to nominate a deserving colleague for the Service or the Contribution to Chemistry award. If you think a company or institution has been particularly supportive of the Section, please help them get the recognition they deserve.

At our executive committee meeting last night, we committed to updating the CWS-ACS award plaques that are on display in the Chemistry Department at Stevens Point.

Our November and December programs are still to be arranged. I'm working on one lead right now, but I still welcome suggestions!

Dave



**Call for Nominations
2002 Awards**



One of the more significant activities that the Central Wisconsin Section of ACS sponsors each year is the recognition of outstanding performance by chemists in our area. Recipients of these awards are recognized at our annual Awards Banquet and Spouse's Night, this year to be held on May 3, 2002. The time has come for **YOU** to submit your nominations. Please consider taking a little time and submitting nominations for:

- Outstanding Contribution to Chemistry
- Outstanding Company
- Outstanding Service

Nominations for these awards should be submitted ASAP to:

Tom Marty
phone (715) 389-6502
email tmarty@uwc.edu
or

Dave Thiel

**chemistry.org Offers
Weekly E-mail Newsletter**

One of the best ways to keep your finger on the pulse of ACS is by visiting chemistry.org, the Website of the American Chemical Society. But busy professionals don't always have the time to keep up with all the new content that's being published on chemistry.org each day. That's why we developed a weekly newsletter to bring the latest and greatest content direct to your e-mail address.

Each week, subscribers receive:

Quick summaries of our feature stories complete with color pictures and live links to full articles; A short description of what's new on chemistry.org; Links to free articles from

Chemical & Engineering News, Modern Drug Discovery, and Today's Chemist at Work; Links to the latest offerings from CAS.

The chemistry.org newsletter gives you an efficient summary of the information you want from ACS and lets you decide what to



pursue. Subscribing (and unsubscribing) is free and easy. Just visit chemistry.org and register. Check the "Mailing List" option on the registration form and you'll begin receiving the newsletter the following Monday. If you've already registered on chemistry.org, you can subscribe to the newsletter by editing your profile and checking the "Mailing List" option.

Need Salary Information?

The popular, new ACS Salary Comparator is posted on the ACS Department of Career Services website <http://center.acs.org/applications/acs-comparator/page01.cfm> and is available for ACS members only. It can provide answers to your salary-related questions by providing current information applicable to specific employment situations.

This new tool reports the complete range of full-time base salaries being paid to ACS members in a variety of jobs. The comparator gives attention to many specific factors that influence pay, including experience, level of education, professional specialties, job functions, types of employers, and geographic location. Both academic and non-academic positions are covered.

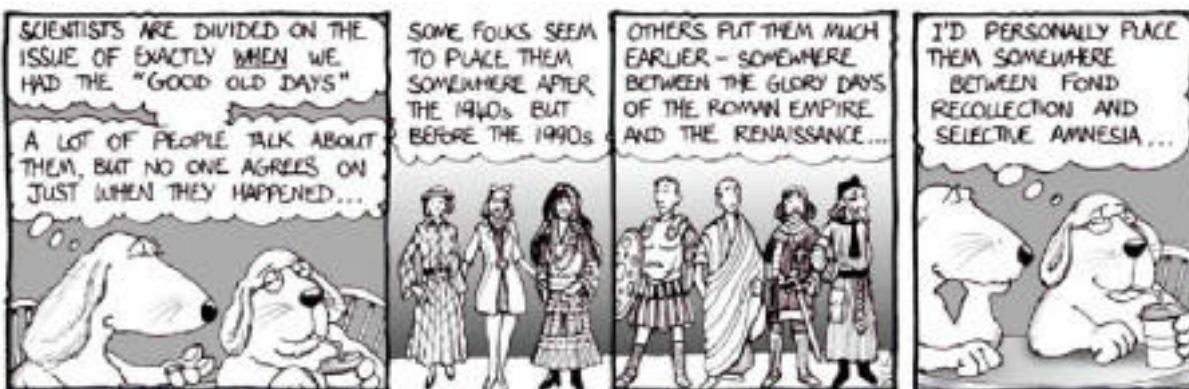
The second edition of the comparator has been completely updated with new data from ACS employment surveys conducted in 2001. It is presented by the Committee on Economic and Professional Affairs and DCS.

How does the comparator work?

It uses member data from ACS's annual employment surveys of its working members in the U.S. You will need to define an employment situation. The system will then generate the median (50th

percentile) base salary for such positions, plus a series of additional percentiles (from 10th to 90th) that show the ranges of pay for these jobs. Salary figures will be automatically updated bi-monthly to allow for inflation since the last ACS salary survey was conducted.

You can even test potential effects of such things as getting an advanced degree or changes in your duties. The comparator can be run repeatedly to see how career changes influence the pay of chemists. For example, you can compare base salaries for people in R&D who are doing basic research with those for people who have become R&D managers.





American Chemical Society

Central Wisconsin Section



"Analysis of Cannabinoids in Physiological Fluids"

by

Dr. Joe A. Vinson

The University of Scranton

Tuesday, April 16, 2002

7:30 PM Science Building, *Trytten Lecture Hall*. Room A121
UW – Stevens Point

5:30 Mixer & Dinner, Michele's Restaurant

Abstract:

Illegal marijuana use in the U.S. creates both social and health problems. The detection and quantitation of marijuana in physiological fluids represents a major challenge to the analytical chemist. Cannabinoids are a group of compounds that represent the physiologically active ingredients in the cannabis or marijuana plant. The concentrations of these compounds vary greatly depending on the genetic history of the plant and on its geographical location. When the marijuana is consumed by humans, the cannabinoids are rapidly metabolized. The low concentrations of the cannabinoids and their metabolites in physiological fluids present a major problem to the analytical chemist. In addition, the presence of other natural physiological compounds with the same functional group requires a selective analytical method. The currently available analytical techniques will be reviewed. These will include gas-liquid chromatography, electron spin resonance, mass spectroscopy, high pressure liquid chromatography, and immunoassays. The author's work on the use of thin-layer chromatography will be described.

The Speaker:

Dr. Joe Vinson was born in Arkansas and grew up in the San Francisco Bay area. He attended college at the University of California at Berkeley, where he received his B.S. in chemistry in 1963. He received a M.S. degree (in physical organic chemistry) at Iowa State University in 1966. He received a research assistantship at the Ames Lab of the Atomic Energy Commission at Iowa State and received a Ph.D. in organic and analytical chemistry in 1967 under the direction of Dr. James Fritz. After several teaching positions in Pennsylvania and a two-year stint in industry at J. T. Baker Chemical Company, he returned to academe and is now a professor of chemistry at the University of Scranton in Northeastern Pennsylvania. His research interests are wide-ranging and include drug analysis in physiological fluids and the effect of vitamins, minerals, and antioxidants on nutrition and health.

Prior to the meeting, a 5:30 PM mixer and dinner will be held at Michele's Restaurant, 513 Division St. (Business 51 North, adjacent to UWSP campus). *After dinner, drive three blocks east on Fourth Avenue to reach Parking Lot X on campus. The Science Building is adjacent to the lot and the Trytten Lecture Hall is just inside the main entrance.* **Reservations may be made by calling Marv Lang at 715-346-3609 (or email cmlang@uwsp.edu) by 5 PM on Monday April 15.**