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# PUGET SOUND CHEMIST

Newsletter for the Puget Sound Section



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Executive committee meetings are open to all members and are held on the second Wednesday of each month (unless otherwise indicated) at 6:30 p.m. in room **2410** at North Seattle Community College, 9600 College Way North in Seattle. The next meeting is **Wednesday, February 12th**.

**On the Cover: Chemistry Lecture Hall, the University of Washington, circa 1907. Photo courtesy of the Museum of History and Industry, Seattle.**



## **“How to Reinvent Chemical Education”**

*by Arden Forrey*

This topic was noted by Eli Pearce in the 9 December 2002 C&EN. This is an important question directed at all chemical specialties. The question has been specifically applied to Clinical Chemistry and that for the Health Professions in a comment for C&EN by Dr Kenneth E Blick, Univ of Oklahoma at Oklahoma City, Chair of the ACS Board Committee on Clinical Chemistry to be published shortly. He points out the increasingly critical shortage of clinical laboratory personnel within healthcare and the potential impacts that may have on healthcare quality that is directly due to lack of expertise. He also notes that chemistry in the form of knowledge mastery and competence in the practitioner-level mastery of the chemical knowledge for patient care is receding and chemical professionals are not responding with the needed changes in chemical education. The Puget Sound ACS Section recognized this situation during the NORM 2001 at Seattle University and begun seeking means to contribute to solving this problem during the Biennial Conference on Chemical Education (BCCE) at WWU Bellingham July 2002. Past ACS President Pearce's comment is timely and very relevant. Section members with insights and ideas should communicate with either the section Chair or Chair-Elect with ideas for section activities that would help markedly improve how chemical education at both the primary/secondary levels and at the college levels can provide mastery of knowledge/skills in chemistry particularly with respect (but not limited) to healthcare professional disciplines. This will be a continuing topic of interest for the Puget Sound section and a part of dialog with the local American Association for Clinical Chemistry Pacific Northwest Section. However, active input is solicited from the section membership on all aspects of the ways to “Reinvent Chemical Education”. **Arden W. Forrey PhD Dept of Restorative Dentistry University of Washington School of Dentistry 206-616-1875 Phone 206-543-7783 FAX**



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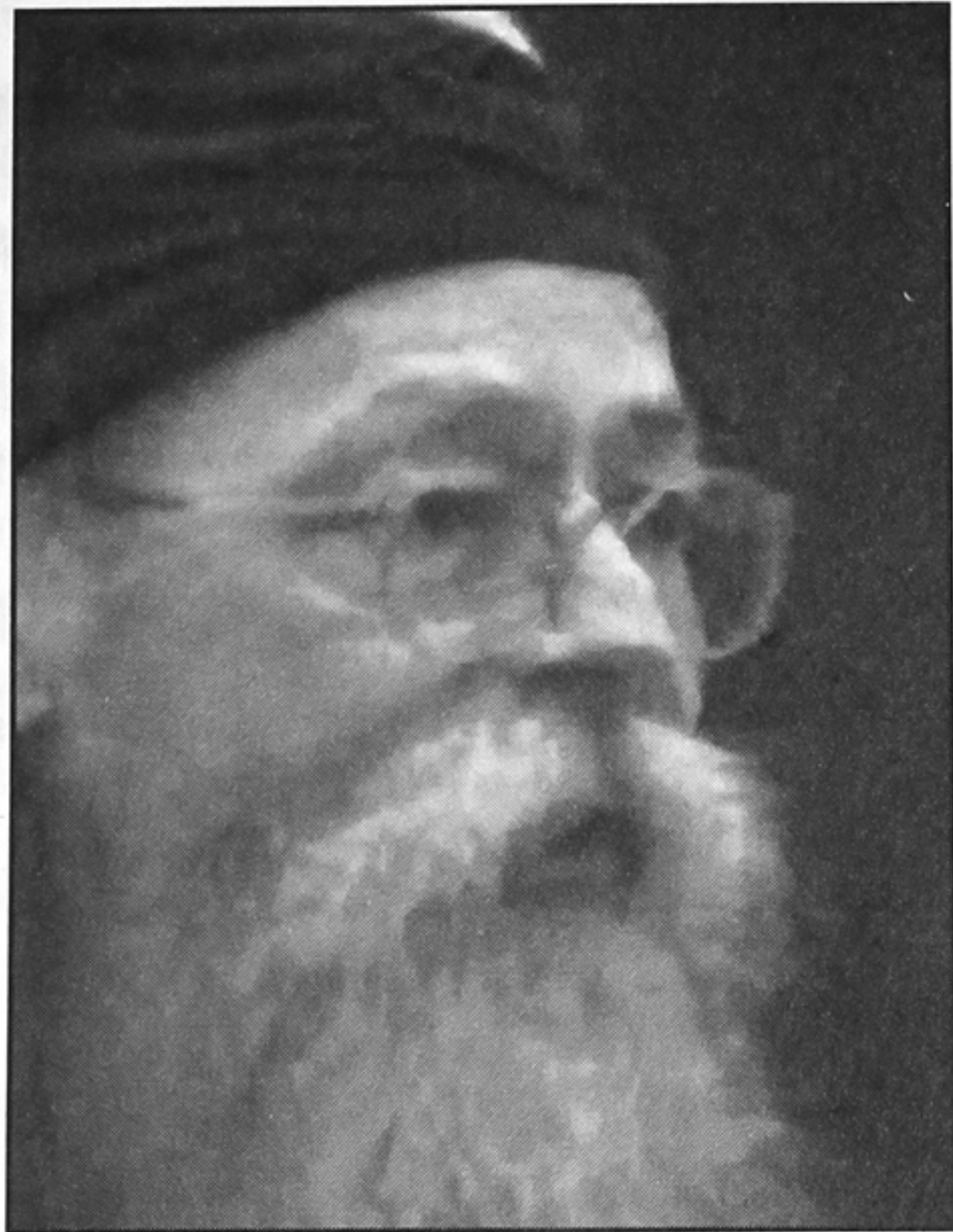
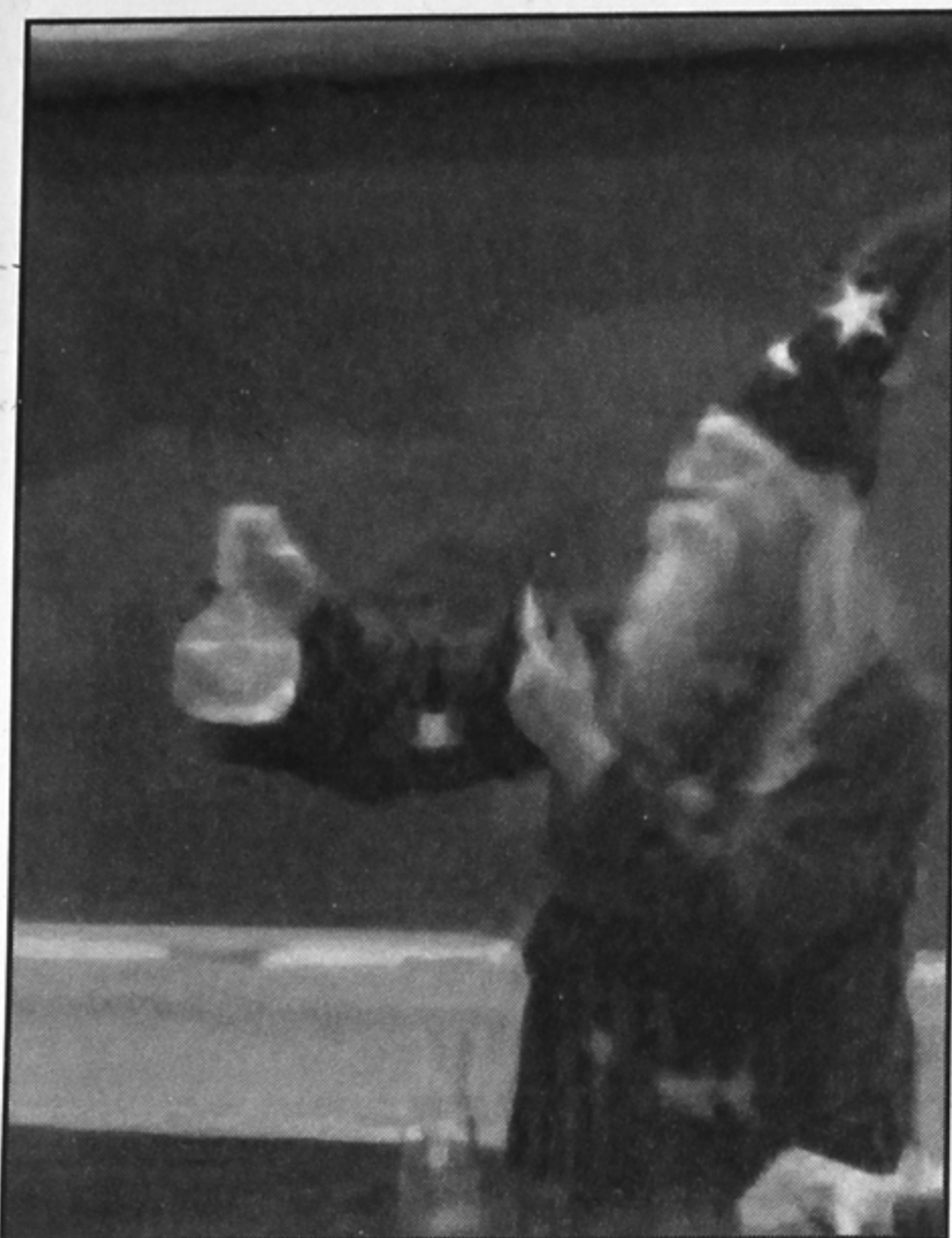
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## **THE WIZARD RETURNS !!!**

### **AN INCREDIBLE EVENING OF CHEMISTRY**

Will be presented on **Wednesday February 5th** at 7 pm at Shoreline Community College.

Tim Hoyt, Department Wizard at the University of Puget Sound, returns for an evening of chemical magic and entertainment for children of all ages. Accompanying the Wizard will be Bill Zoller, in the role of Scientist.

**The original date of January 24th was rescheduled. The news was "broadcast" through the Puget Sound email distribution list.**

**WHERE:** Little Theater, Shoreline Community College,  
16101 Greenwood Avenue North, Shoreline

**WHEN:** Wednesday February 5th at 7 pm (revised date)





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## **Meet the Chair Elect, Dr. Greg Milligan**

Greg Milligan received his BS in Chemistry from the University of Oregon in 1983 and his PhD. in Organic Chemistry from the University of Washington in 1990. He was a Postdoctoral Fellow at the University of Kansas from 1990 - 1993. He was then Assistant Professor of Chemistry at Washburn University of Topeka from 1993 - 1995. From 1984 - 1985 he was a bench chemist for Monsanto Agricultural Products in Saint Louis. He was in the research group of Dr. John Franz, the inventor of Roundup. His graduate work at UW was with Stan Raucher in the area of macrocyclic peptides containing novel "spacer" amino acids and the study of their ability to bind small organic molecules. He worked as a Postdoctoral Fellow with Jeff Aube in the Department of Medicinal Chemistry at the University of Kansas in Lawrence. The group investigated the intramolecular Schmidt Reaction of alkyl azides with ketones. He taught organic chemistry and organic lab at Washburn University in Topeka. He is currently Assistant Professor of Chemistry at Saint Martin's College in Lacey. His area of research is in synthetic methods and developing safer alternatives to bromine and chlorine reagents and developing undergraduate laboratory experiments illustrating new methods and technologies. He lives in Olympia with his wife Sara and their three children. His goals include expanding the Sections' influence to the South Sound.



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**Dated Meeting Notice**  
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