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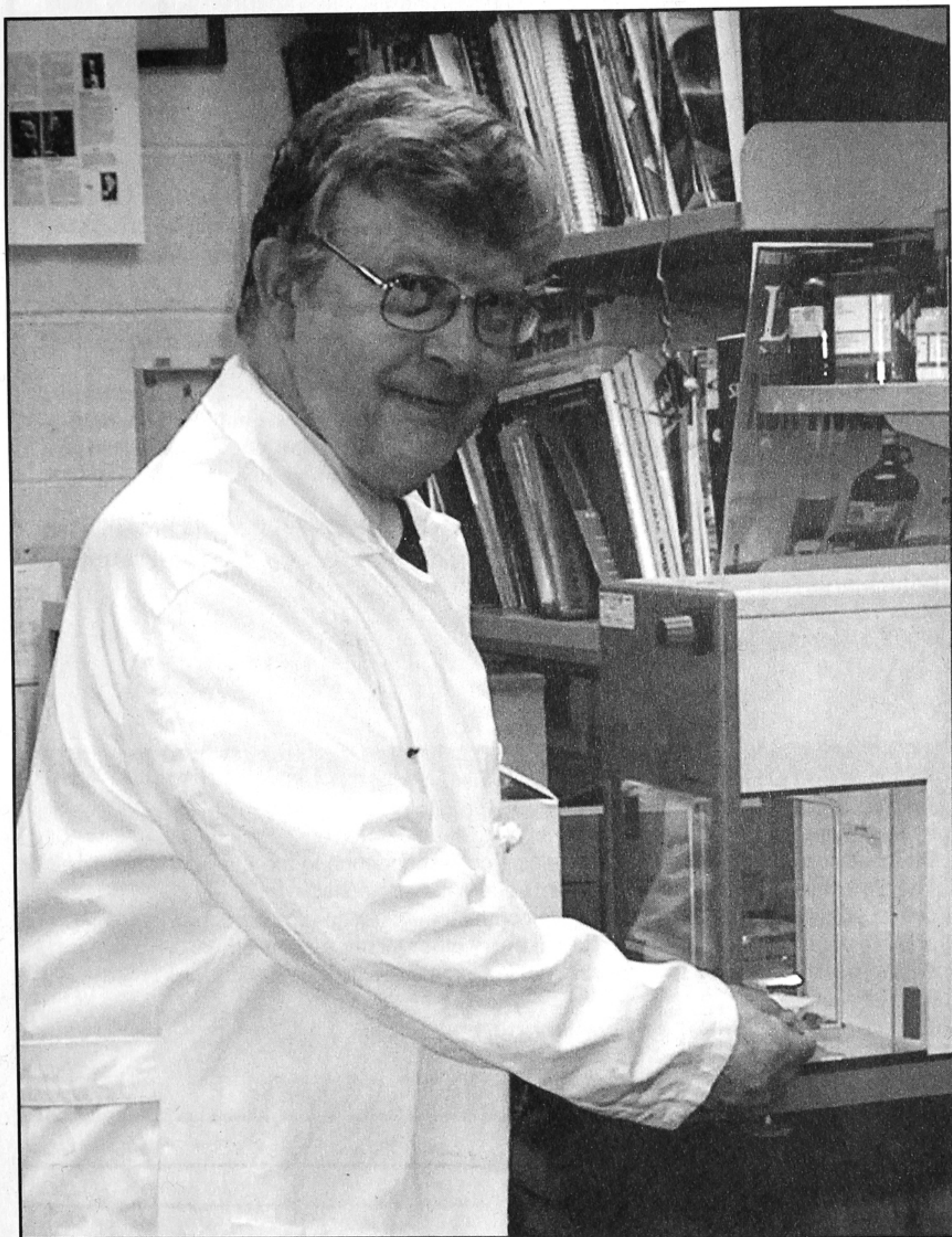
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PUGET SOUND CHEMIST

Newsletter for the Puget Sound Section



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The Secretary handles other business. Letters may be edited

due to space considerations. Executive committee meetings are open to all members and are held on the second **Monday** of every other month (unless otherwise indicated) at 6:30 p.m. in room 2428 at North Seattle Community College, 9600 College Way North in Seattle.

The next meeting is **Monday, February 7th**.

On the cover: Dr. Ned Heindel

Call For Nominations – The 2005 Linus Pauling Award

Nominations are solicited for the Pauling Medal Award which is given annually by the Puget Sound, Oregon, and Portland Sections of the American Chemical Society. The award is named after Dr. Linus Pauling, a native of the Pacific Northwest, because of the inspiration of his example. Recipients have made outstanding contributions to chemistry of a character that merit national and international recognition. This Pauling Medal Award will be presented at the annual Pauling Medal Award Symposium to be held in Portland, Oregon, in the Fall of 2005. Nominations should include the following: a) The nominee's name, present position, and address; b) A resumé of the nominee's professional career; c) A narrative summary of the scientific achievements that form the basis of the nomination, including explanations of the importance of the work; d) A listing of honors, awards, and medals, with the dates and conferring organizations; e) A bibliography of significant publications (reprints are not desired); f) Additional supporting letters are encouraged.

Scientists of all nationalities are eligible for the award. The award is not given for work for which the nominee has already received the Nobel Prize. Awardees for the past ten years indicate the scope and stature of the award: Martin Karplus, Robert H. Grubbs, John I. Brauman, Tobin J. Marks, Gabor J. Somorjai, Peter B. Dervan, Allen J. Bard, Ahmed H. Zewail, Kyriacos C. Nicolaou, and Alexander Rich. Seven collated copies of all nomination materials must be received by February 28, 2005. A previous nomination may be reactivated by specific request.

Please mail all materials to: Dr. Pauling Medal Award Chair, Engineering and Science Institute, Washington State University- Vancouver, 14204 NE Salmon Creek Avenue, Vancouver, WA, 98686-9600. For additional information, please contact by phone: (360) 546-9122, or by e-mail: terjeson@vancouver.wsu.edu.

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In memory of Dr. W. Scott Chilton

Dr. Chilton was born in Lansdowne, Pennsylvania in 1933. He grew up in the Philadelphia area and attended Duke University. He was Phi Beta Kappa there and graduated second in his class with a BS in Chemistry in 1955. He then served three years in the US Navy. After completing military service, he went to graduate school at the University of Illinois at Urbana-Champaign. While there, his thesis advisor introduced him to one of his passions, mountain climbing. Through a group at Urbana-Champaign, he met his lifelong friend Gordon "Woody" Anderson. Dr. Chilton was awarded a Ph.D. in 1963. He briefly worked for the USDA before going to Seattle to teach at the University of Washington. He was at UW's Chemistry Department from 1963 to 1979, eventually becoming a tenured full professor. He met his wife, Mary-Dell Matchett Chilton, shortly after arriving there. She was in the Biology Department. Dr. Scott Chilton became a professor in North Carolina State University's Botany Department. He went on emeritus status on January 1, 2004, though he continued to teach. He loved to climb mountains. Even after the family left Washington, he returned every summer to climb in the North Cascades, frequently with Woody. He had a heart attack in his sleep and died at about 10,000 feet elevation on Mount Adams on August 5. In addition to his research work, Dr. Chilton was a well-loved and inspirational teacher. He was named NCSU's teacher of the year more than once and many of his former students, some going back to the mid-sixties, wrote us of fond memories of him.

Employment Opportunities:

The chemistry department at Western Washington University anticipates 1-2 temporary one-year teaching positions for the 2005/06 academic year. For further information please contact Denice Hougen: houden@chem.wvu.edu, (360) 650-3070.

The Physical Sciences Department at Highline Community College, in Des Moines, WA seeks applicants for a tenure-track Chemistry faculty position, to begin in September 2005. Minimum qualifications include a Master's degree in Chemistry. For application materials call 206-870-3751 or visit www.highline.edu. Highline is an Affirmative Action employer and seeks applicants who have diverse backgrounds and can contribute to the College's multicultural understanding and student success.

2005 Undergraduate Research Symposium

The Puget Sound Section of the American Chemical Society's Spring Undergraduate Research Symposium will be held at Seattle Pacific University on April 23. Information can be found on the following website: www.spu.edu/depts/chemistry

"Folk Medicine in the 19th Century"

March Speaker Meeting at Western Washington University

The March speaker is Ned Heindel of Lehigh University. The public talk is scheduled for 7:30 pm, March 9th, in SL 110, a lecture hall in the Science, Math, and Technology Education Building at Western Washington University in Bellingham.

In the absence of enforced licensing laws and in the presence of a malevolent and painful medical orthodoxy that focused its therapy on bloodletting and leeching, the 18th and 19th centuries saw the growth of a vigorous alternative medical system. In the Eastern United States, this unorthodox medicine was especially well entrenched, and pow-wow "doctors", hydropaths, Thomsonians, electropaths, and homeopaths maintained sizable practices. Substantial reliance on herbal preparations of folk culture origin, on charms and semi-occult chants, and on defined acts and manipulations characterized many of these medical systems. Vestiges of these unorthodox practices still survive, but even more important several of the therapies and natural product preparations that they devised have found their way into the medicine of today.

Dr. Ned Heindel's professional associations include: President, American Chemical Society (Washington, DC), 1994; director, American Chemical Society (Washington, DC), 1985-1996; director; Council for Chemical Research, 1995-1999; Board Member, IUPAC-USA, 1995-2001; Board Member, Chemical Sciences Roundtable-National Academy of Sciences, 2001-present; director; Centcom Advertising, Ltd. (Westport, CT), 1987-1995; trustee, Northampton County Historical Society; 1989-present; trustee, Keystone Junior College (1975-89) trustee, Chemical Heritage Foundation (Board then Heritage Council), 1986-present; member, Journal Pharmaceutical Science board (to 12/90); member, Bioconjugate Chemistry board (to 12/03); chairman, Chemical & Engineering News board (1988, 1992-93; member 1994-95); consultant, Unimed Pharmaceuticals, Somerville, NJ, 1989-1995; consultant, Digestive Care, 1992-present; consultant, Bio-ProX, 1995-1997; consultant, DCV Pharmaceuticals, 1998-2000; consultant Serenix Pharmaceuticals, 1999-present; consultant, National Museum of American History, Smithsonian Institution, Washington DC; 1990-present; consultant, Air Products and Chemicals, Allentown, PA, 1991-present; consultant, Apollon Corp., Malvern, PA, 1992-1995. Education/Degrees: Lebanon Valley College, B.S. cum laude, 1959 (Chemistry/Math); University of Delaware, Ph.D., 1963 (Organic Chemistry); Princeton University, fellow, 1964 (medicinal Chemistry); Lebanon Valley College, honorary D.Sc. 1985; Albright College, honorary D.Sc., 1993. Experience: instructor, University of Delaware, 1962-63; visiting fellow, Princeton University, 1963-64; assistant professor, Ohio University, 1965; assistant professor, Marshall University, 1964-66; assistant, associate full professor of chemistry, Lehigh University, 1976-present; professor of nuclear medicine, Hahnemann University, 1971-present; director, Center for Health Sciences, Lehigh University, 1980-87. Honors: Robinson Award (1969), Brody Award (1978), H. S. Bunn Distinguished Chair in Chemistry (1985-Present), Who's Who in America (1886-present), Brady Cancer Achievement Award (1989), Henry Hill Award in Medicinal Chemistry (1997), Mosher Award for Contributions to Chemistry (1996), Ben Franklin Partnership Award for Corporate Consulting (2002).

The Puget Sound Section web site is now

www.acspugetsoundsection.org . To subscribe to the section email list, visit www.chem.plu.edu/mailman/listinfo/pss-ac.

ACS Tour Speakers for 2005

- March 9th 2005, Dr. Ned Heindel, Lehigh University, speaking on "Folk Medicine in the 19th Century", Hosted at Western Washington University (host is Dr. Mark Wicholas)
- April 20th 2005, Dr. Donald McQuarrie, University of California, speaking on "Modern Theories of Electrolyte Solutions", Hosted at Seattle University (host is Dr. Sue Jackals)
- September 23rd, 2005, Dr. Mary Virginia Orna, College of New Rochelle, speaking on "Chemistry and Art", Hosted at The Evergreen State College (host is Dr. Dharshi Bopegedera)

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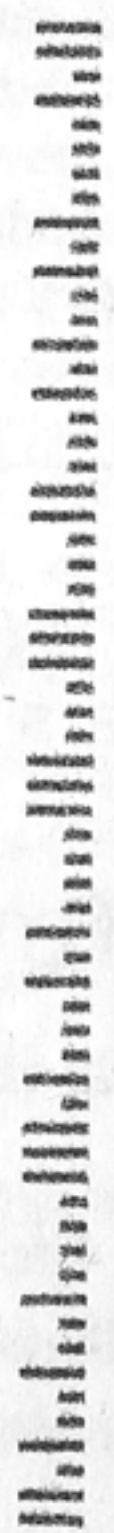
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