

PUGET SOUND CHEMIST

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NOVEMBER 2000

National Chemistry Week Events

An Incredible Evening of Chemistry 3

In celebration of National Chemistry Week, Herb Bryce and Tim Hoyt will present a further revised version of their famous "An Incredible Evening of Chemistry" demonstration show for the Puget Sound Section of the American Chemical Society in the Little Theater at Shoreline Community College on Friday, November 3, at 7:30 p.m. Just prior to the show, the Puget Sound Section Chemistry Teacher of the Year award winner will be announced by Section Chair Kathy Hohstadt and Education Committee Chair Randy Engel.

A special invitation goes out to all middle and high school faculty and students. In fact, middle and high school teachers are encouraged to bring their classes (and/or their Chemistry Club); there is plenty of seating. The presentation of more than 25 demonstrations was selected to entertain, amaze, fascinate, and astound with awesome colors, flames and explosions. It is guaranteed to "knock your socks off," according to the presenters.

(please see **Incredible** on page 6)

Getting Jiggy with Science: Men in Black

The "Science at the Movies" series returns to the University of Washington's Bagley Hall on Monday, November 6, at 7 p.m. in room 131. The evening will include a talk by Professor Donald Brownlee entitled "Alien Invaders from Outer Space, Are they really as common as they seem to be?".

Brownlee is a faculty member in the UW Department of Astronomy and is the principal investigator on project STARDUST. STARDUST is the NASA mission that will fly close to a comet and, for the first time ever, bring cometary material back to Earth for analysis by scientists worldwide. Dr. Brownlee recently co-authored the book *Rare Earth: Why complex life is uncommon in the universe*. The main intent of this book is to convince readers that advanced life is much rarer than implied by movies, television, novels and Carl Sagan. To illustrate the point, "Men in Black" (PG-13), starring Will Smith and Tommy Lee Jones, will be screened after the talk.

Bagley Hall is located next to Drumheller Fountain just south of the central plaza on the UW campus. Convenient parking is available in the central plaza underground garage. Families and high school students are particularly invited to attend. For information, call Debbie Wiegand at (206) 543-1653.

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The Bulletin of the Puget Sound Section of the American Chemical Society

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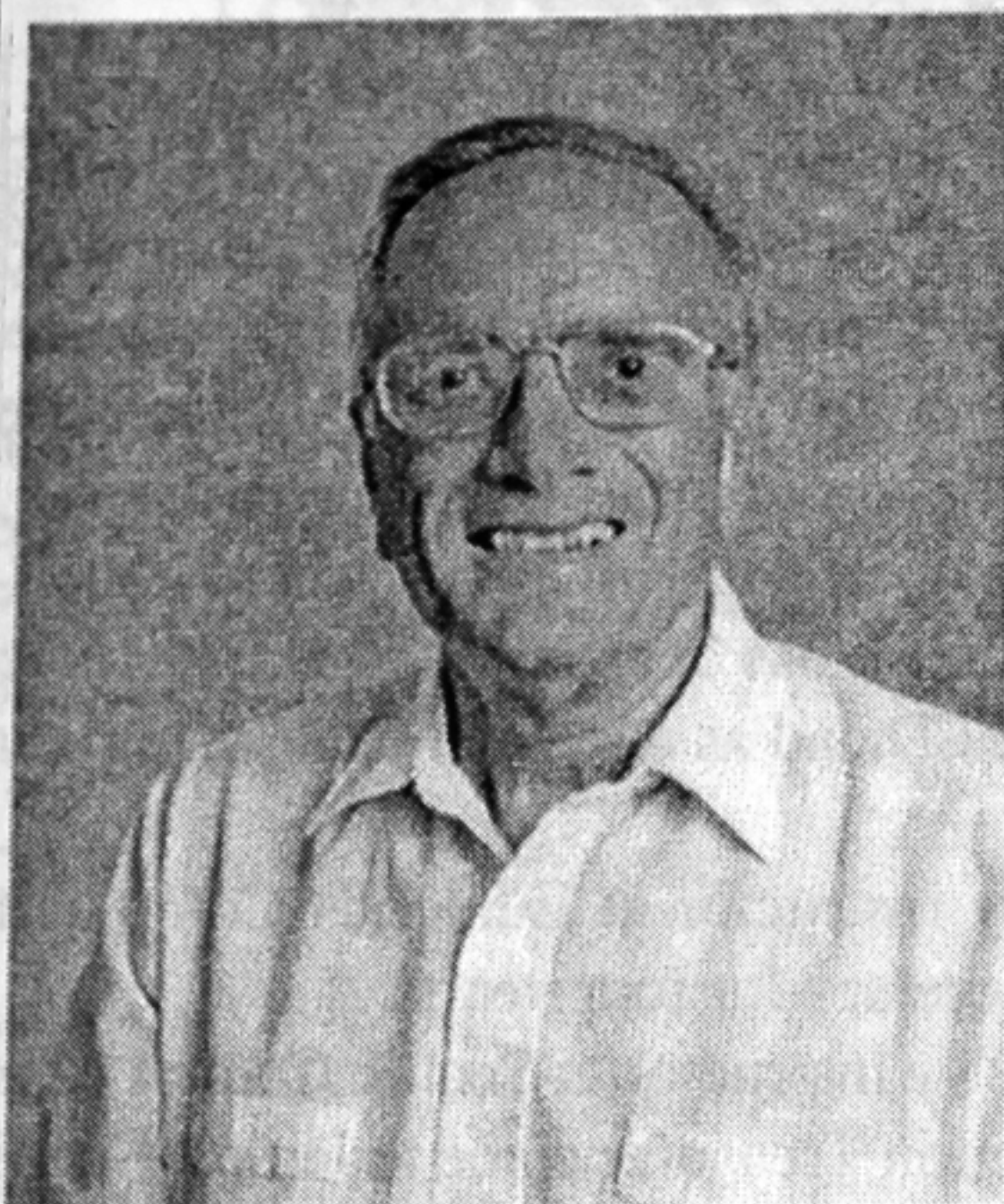
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Puget Sound Section ACS Executive Committee Future Meetings in 2000

Meetings are open to all members and are held at 6:30 p.m. on the second Wednesday of each month. The next meeting of the Executive Committee will be **Wednesday, November 8, 2000**, in room 2430C (above the Bookstore) at North Seattle Community College, 9600 College Way North in Seattle.

November meeting features beer



Who: Robert P. Bates, Professor of Food Technology, Univ. of Florida (18 years, ACS tour speaker)

What: "The Chemistry and Alchemy of Brewing" at the November Puget Sound Section ACS meeting: more details at www.btia.net/acs

Where: Elysian Brewing Co., 1221 E. Pike St., Seattle (back page)

When: Tuesday, Nov. 14 at 7 p.m.

How much for dinner: Buy your own at the pub (up to \$15)

WWU wins undergrad grant

In recognition of Western Washington University's emphasis on a quality liberal arts education and undergraduate research, M.J. Murdock Charitable Trust and Research Corporation have awarded a \$745,967 grant to the university's chemistry department.

"An award of this regard is evidence that Western's academic reputation for excellence is nationally recognized," said President Karen W. Morse. "This grant has sparked an evolution of Western's chemistry department and greatly contributes to the university's overall mission to achieve the highest level of distinction."

The grant, along with approximately \$1.6 million in pledged funds from Western, will be used to recruit 10 faculty (nine to replace retiring faculty and one new position) and equip them with state-of-the-art instrumentation for instruction and research. The funds will also allow the department to hire two new instructional lab coordinators, create new re-

search laboratory space and generate a culture of undergraduate research in chemistry and biochemistry.

"We expect that we will be able to

(please see p. 6)

November 2000 3

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Officer candidate biographies

Charles Cornman (Chair-elect) has been a Senior Product Development Chemist with Georgia-Pacific Corporation in Bellingham since January 1999. His current work involves developing value-added chemicals and materials from lignin. He received his B.S. degree at the University of Puget Sound and Ph.D. from UC-Davis. After completing a NIH postdoctoral fellowship at the University of Michigan, he was a member of the chemistry faculty at North Carolina State University where he led a research program in bioinorganic chemistry. Charles has been an ACS member since 1989 and has served as a mentor for Project SEED and as a session chair at regional and national meetings.

Sara Selfe (Secretary) is a chemistry instructor at Edmonds Community College. She has been Puget Sound Section Secretary for four years.

David Munch (Treasurer) is a chemistry instructor at Seattle Central Community College. He has been Puget Sound Section Treasurer since at least 1991. He earned his Ph.D. in theoretical chemistry from the University of Washington.

George Kriz (Councilor) is Professor of Chemistry at Western Washington University in Bellingham, where he has been since 1979. Actually, he joined the faculty at Western, when it was known as Western State College. He graduated from UC Berkeley with a BS in 1961 and obtained his Ph.D. in 1966 from Indiana University. He is a member of ACS, AAAS, The Royal Society of Chemistry, Sigma Xi, and a member of the Board of Directors of the (please see *Candidates* on p. 6)

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PUGET SOUND SECTION OFFICIAL BALLOT FOR 2001 OFFICERS

Please complete this ballot, remove the page, fold and seal it, and mail it to Dr. Sara Selfe (her address should be visible on the exterior of the folded ballot). The deadline for completed ballots is **December 1, 2000**.

Although it may seem silly to vote for unopposed candidates, the national by-laws stipulate that the section officers must be supported by a certain percentage of the section's members for the election to be validated. Please show your support of the section by sending in your completed ballot today!

Chair-elect (vote for one)

☐

Charles R. Cornman

Secretary (vote for one)

☐

Sara Selfe

Treasurer (vote for one)

☐

David Munch

Councilor — three-year term, ends 2003 (vote for one)

☐

Geroge Kriz

Alternate Councilor — three-year term, ends 2003 (vote for one)

☐

Clarita Bhat

Write-in candidates:

Office:

Name:

Candidate biographies *(continued from page 4)*

Washington College Chemistry Teachers Association.

Clarita Bhat (Alternate Councilor) is a chemistry instructor emeritus at Shoreline Community College, where she still teaches chemistry. She has been at Shoreline for 27 years. She was awarded a Ph.D. in carbohydrate chemistry from Georgetown University in 1968. She has served in various capacities for the Puget Sound Section, including a stint as Chair in 1992.

WWU Award *(continued from page 3)*

recruit top-notch faculty," said Mark Wicholas, department chair. "We want to attract the most talented and capable science students to Western by developing a chemistry department that is recognized as one of the best nationwide for its quality undergraduate curriculum."

For students, this means a wealth of undergraduate research and mentoring opportunities, including funding for travel to present research at regional and national meetings, a year-end research colloquium, and an active seminar and summer research program. The grant will also allow the department to create a one-year honors course in general chemistry.

Noted for already having a strong instructional program in chemistry, Western was invited to apply for the grant last year by M.J. Murdock Charitable Trust of Vancouver, WA, which will contribute \$497,300, and Research Corporation of Tucson, AZ, whose portion of the grant totals \$248,667. Funds will be distributed during the next six years, starting in July.

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Ms. Sara Selfe, Secretary
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Incredible (continued from page 1)

Bryce, the retired Associate Dean of the Science & Math Division at Seattle Central Community College, has taught courses in chemical demonstrations; co-authored CHEM PACS, a science activity book for elementary and middle school teachers and developed the Chemistry With Kids program sponsored by this section.

Hoyt is a chemistry professor at University of Puget Sound, where he is the coordinator of the general chemistry laboratories. He is well known in the area through his "magical" presentations as "Tim the Wizard".

Shoreline Community College is located at 16101 Greenwood Avenue North in Seattle. From I-5, exit at either 145th St. NE (exit 175) or 175th St. NE (exit 176) and head west. At Aurora Avenue, turn left if you're on 175th or turn right if you're on 145th. At 160th St. N, turn west. Go through one stop light; at the next stop sign, turn right onto Greenwood Avenue N, then quickly angle left onto Innis Arden Way. Drive about fifty feet, then turn right into the Shoreline CC entrance. For a map, use the Shoreline CC website at <http://oscar.ctc.edu/shoreline/collegemaps1.html>. For more information, please call Clarita Bhat at Shoreline CC, (206) 546-4575.

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Upcoming meetings

- November 3** **Herb Bryce and Tim Hoyt**
"Incredible Evening of Chemistry 3"
and the Section's Outstanding Teacher Award
(site: Shoreline Community College)
- November 6** **Donald Brownlee**
"Alien Invaders from Outer Space, Are they
really as common as they seem to be?"
(site: University of Washington)
- November 14** **Robert P. Bates**
"The Chemistry and Alchemy of Brewing"
(site: Elysian Brewing Company, 1221 E. Pike;
directions: From I-5, take the James St. exit (exit
165A south or 164A north) and turn up the hill
onto James, which becomes Cherry; turn left at
23rd, then left at E. Marion)
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