Southern resident killer whales in Haro Strait, Dall’s porpoise at top speed off in the distance, and eagles flying overhead are only a few of the reasons why we think you should join educators and celebrate the hard work being done from Alaska down to Oregon.

We invite you to come to our annual Northwest Aquatic and Marine Educators’ Conference in Friday Harbor, July 9-12th! Take the Washington State Ferry, the Victoria Clipper, or fly up to San Juan Island for an inspiring conference: Living on an Island: Salish Sea Stewardship.

Participate in exemplary programs or learn from educators how to strengthen scientific inquiry and promote problem-based learning.

Earn clock hours through ESD 189 and participate on any level you feel comfortable.

Take in the talks from keynote speakers such as Joe Gaydos, Claudia Mills, or Jim Lynch who wrote *The Highest Tide*. Enjoy your afternoons either at Lime Kiln Lighthouse supporting land-based whale watching; going kayaking or scuba diving; or enjoying walks with local naturalists to learn more about the flora and fauna in the heart of the San Juans.

On Saturday we will be at the Friday Harbor Labs, where you can either learn about some of the research going on or participate in one of two available excursions that day (on the Centennial, UW Research Vessel or visit Yellow Island, managed by The Nature Conservancy).

Our evenings range from appetizers at the Friday Harbor House on our first evening; to a catered dinner with a pretty phenomenal auction on Thursday night; to a dessert hour on the 101' schooner the *Adventuress* followed by Jim Lynch speaking at the Mullis Community Center, followed by a dance.

If you have children joining you, The Whale Museum is hosting a very special event called *A Pod Nod*. While you are listening to Mr. Lynch or kicking up your heels at the dance, your kids can be dressing up in whale costumes, listening to stories and legends, and most of all, having fun spending the night in this one of a kind Whale Museum.

Again these are just a FEW of the highlights!

Please see our website for more details [http://pacname.org/](http://pacname.org/) and register TODAY!

It is vital that you secure your housing as soon as possible, as this is the busiest time of year for the islands.

We look forward to sharing this experience with you!
June is ORCA Month in WA

WA Governor Christine Gregoire has signed an official proclamation declaring June as "Orca Awareness Month" to focus attention on the plight of the fragile Southern Resident Community of orcas, to honor their presence in our waters, and to speed up efforts to recover the population. The Southern Resident orcas were listed as Endangered under the Endangered Species Act in November 2005.

Major factors in the decline of the Southern Resident orca population include captures for marine parks in the 1960s and 70s, declining salmon runs, toxic pollution, loss of habitat, and increasing vessel traffic and noise levels in Puget Sound and the ocean.

Orca Network invites organizations, businesses and educators around the state to sponsor special events, presentations, promotions or educational programs during June, to increase awareness about the Southern Resident orcas. Individuals can help by taking a look at what their daily actions do to impact the waters of Puget Sound and make changes to improve or lessen their footprint on the planet.

We also encourage people to contribute to nonprofit education, advocacy and research organizations that work to improve salmon, orcas, restore habitat, or help decrease toxic pollution.

For more information, contact Susan Berta, Orca Network at 1-866-ORCANET or email at info@orcanetwork.org or visit http://www.orcanetwork.org.

Scuttlebutt Submission Information

SUBMISSION DEADLINES ARE:

February 28 – Publication in March 2009
September 30 – Publication in October 2008

Please send information to:
Pam Merrill, Editor
pam@outlookwriting.com
OUTLOOK Writing & Design
PO Box 142 • Belfair, WA  98528
360.275.0561 • FX 360.275.1978
Read Scuttlebutt on-line – Follow the link from www.pacman.org!

Scuttlebutt Advertising Policy

1) All advertised goods and/or services shall be directly relevant to the NAME membership, specifically related to aquatic and/or marine education. 2) The NAME board of directors and the editor of Scuttlebutt retain the right to determine the suitability of products or services for advertising. They retain the right to refuse an advertisement for publication. 3) Advertising fees shall be $25 for members and $50 for non-members per year (two issues of Scuttlebutt.) Space for each advertisement shall be limited to 3 1/2" x 2" (business card.) Advertisements shall be camera ready or additional charges may be incurred, as determined by the editor, before the ad may be placed. 4) The appearance of any given ad in Scuttlebutt does not necessarily constitute an endorsement of said product or service, but has been accepted because of its potential interest to some or all of our members. Submit camera-ready art (electronic submissions preferred at minimum 200 dpi) by published deadlines below to: Pam Merrill, Editor, OUTLOOK Writing and Design, pam@outlookwriting.com or mail to: PO Box 142, Belfair, WA 98528.
6th Place at Nationals Awarded to
WA State Orca Bowl Winners

Dear Orca Bowl Supporters,

Please send your congratulations to team ExCEL for their performance at the National Ocean Sciences Bowl 2008 in Seward, AK on April 26 and 27!

The first day was a whirlwind of round robin competition where, after winning 3 of 4 rounds, the team progressed to the second day of double elimination games.

Day Two was painfully tense - the first game ExCEL confidently landed a win, and then the second game became their last when the soon-to-be NOSB winners overtook them by mere points.

In the end Lincoln-Sudbury High School was closely challenged by Mission San Jose High School, who came in second place overall. The amazing first place team, Lincoln-Sudbury, came from the Blue Lobster Bowl held in Massachusetts.

Thanks to all of the NOSB sponsors, especially the Consortium for Ocean Leadership and University of Alaska Fairbanks/School of Fisheries and Ocean Sciences for all of their support. The hosts in Seward were amazing and made us all feel right at home when we took over the hotels, High School and most of the town with 25 Teams, their Coaches, Regional Coordinators, families and friends!

You can view our NOSB sponsors by visiting the NOSB website at www.nosb.org.

ExCEL Academic League is an association for homeschoolers in the Vancouver, WA area. To send a message to the team, send it to Julie at jkhahn@u.washington.edu and it will be forwarded to Coach Pamela Crockford.

This is their second year going to the National competition - impressively rising from 22nd place in 2007 to 6th in 2008!

Best of luck to all in your voyage post "high school" and next year's team as well.

Sincerely,

Julie Hahn and Veronique Robigou
Regional Co-Coordinators
WA State Regional Ocean Sciences Bowl "Orca Bowl"

Wear Your Black & White at NAME Auction

The 2008 NAME Conference Auction will honor the orcas of the San Juan Islands with a black and white theme.

The school children on Friday Harbor will be creating orca bidding paddles and the room will be decorated in black and white with orcas. Your auction staff will also be dressed in black and white. We hope to have orca hats for those participating in the silent and live auction and encourage everyone to come dressed in your best orca (black and white) outfit. Prizes will be awarded for those best dressed individuals.

Auction coordinator Alan Rammer will be staying at the Friday Harbor Best Western, so he has room to store all of your auction items. If you have questions, please call him at 360.249.1201.

If you wish to mail your auction items to him ahead of time, please send your donations to:

Alan Rammer
c/o WA Dept. of Fish and Wildlife
48 Devonshire Road
Montesano, WA 98563-9618

Thanks!
Northwest Aquatic & Marine Educators

A View from the HELM

NAME President-Elect
LINDA MAXSON
University of Washington - College of Oceanography Sciences
(W) 206.221.6808
lmaxson@u.washington.edu

Good news from Vancouver. The folks at the Vancouver Aquarium have confirmed that they will host the 2009 conference from July 19-22!

The aquarium is a great facility in a beautiful setting on the water in Stanley Park and will make an ideal place for a NAME conference. NAME members Leslie Uhlenbruck and Jennifer Stonehouse are already working on preliminary plans and contacting people for advice and assistance on organizing this conference. Their enthusiasm and advance planning should make for a great conference.

We’re looking forward to this year’s conference in Friday Harbor. What a great setting for the conference!

See you there.

– Gordon Green, Co-Director
– Anne Stewart, Co-Director

British Columbia Director’s Report

British Columbia Co-Directors
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100 Pachena Rd. • Bamfield, BC, V0R1B0
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Search for Salmon Heroes

The Pacific Northwest Salmon Center of Belfair, Washington, is seeking nominees for the 2008 Wild Salmon Hall of Fame Award.

The purpose of the Wild Salmon Hall of Fame is “to honor and celebrate people who have demonstrated, over time, actions that have inspired and which continue to guide a passion for the preservation and recovery of abundant and diverse Wild Salmon populations throughout the Pacific Northwest: Alaska, B.C., Washington, Oregon, California and Idaho.

The award winner will be announced on September 13, 2008 at a dinner celebration in Bremerton, WA.

Nominations are welcome from Salmon supporters from anywhere in the Northwest, and should exemplify a dedicated, influential passion for Wild Salmon in the Pacific Northwest. Nomination forms and information about past nominees and winners are available on our website at www.pnwsalmoncenter.org/wshf.xml. 2008 nominations are due by 5pm on Friday, June 6. For more information, contact Michelle Hori at 360-275-2763 or michelle@pnwsalmoncenter.org. Thank you!
**Hello from Oregon**

Oregon Director
FAWN CUSTER
PO Box 90 • Seal Rock, OR 97376 • (H) 541.563.6851
fawn.custer@oregonstate.edu

**Hello from Oregon!**

We have been busy planning for up-coming events. On June 17 and 18, South Slough and OIMB are hosting a paddle trip and professional development workshop:

1. **Paddle South Slough**
   
   **Tuesday, June 17, 2008 – 10:00-3:00pm**
   **South Slough Interpretive Center**
   
   South Slough is hosting a NAME paddle of South Slough. Canoes are available for up to 15 people. If you have your own canoe or kayak, you are welcome to bring it along, with a PFD.

   We will meet at the South Slough Interpretive Center and float with the high tide from Charleston into the Reserve. All paddlers should bring a lunch, water and sunscreen. The cost for NAME members is $20/person, includes boat, paddle, and life vest. If you bring your own boat, there is a $5 registration fee. For non-NAME members, just add $18 for NAME membership.

   For more information, contact Joy Tally, joytally@gmail.com.

2. **Learning About Where We Live: Hot Topics Workshop**
   
   **Wednesday, June 18, 2008 – 8:30-4:30pm**
   **Oregon Institute of Marine Biology, Charleston**
   
   Coastal topics are all over the news. Join OIMB faculty and invited speakers to learn about dead zones, wave energy, marine reserves, climate change, and fisheries management and certification issues.

   The workshop will take place in OIMB's auditorium. The OIMB campus is located in Charleston. Coming from Coos Bay, immediately after crossing the Charleston Bridge, take the first right on Boat Basin Drive. The campus is on the left, across the street from the Pacific Seafood fish packing plant. Parking is available in lots on both sides of Boat Basin Drive, as well as along Boat Basin Drive itself. The auditorium is located at the very end of Boat Basin Drive. There is a limited amount of handicap parking at the auditorium. Others are asked to walk.
   
   - Lunch and snacks provided
   - Registration is $15 for NAME members; non-members add $18 for NAME membership. Please register by June 3 and make checks out to NAME; we need a lunch count by June 4. Contact Fawn Custer for registration forms at POB 90 • Seal Rock, OR 97376. Fawn.custer@oregonstate.edu.

   Professional development units available on request. For more workshop information contact: Trish Mace at tmace@uoregon.edu.

3. **Coast Watch and Professional Development Workshop**
   
   **August 16 and 17, 2008**
   
   Oregon NAME is planning to co-host a Coast Watch and Professional Development workshop in Newport. More details to come.

   Cooperatively, Oregon NAME, OIMB, South Slough, OCA, COSEE, and OSU-HMSC have written a grant proposal for money to develop the NAME website so that teachers who are planning to bring their students to the coast, will go to that site and find all the organizations they need in order to make their trip more meaningful. We have also submitted our suggestions to the Oregon Department of Education for Ocean Science Literacy Standards that we feel need to be included in the revisions for 2009.

   Rob Coats and I had tried to put together what we thought was to be a great professional development workshop in March but ran into a little technical difficulty with building permits. Having that all settled we plan to offer another workshop in March of 2009.

   Well, that’s all from Oregon at this time. See you all in Friday Harbor.

   – Fawn Custer, Director

**WA Geoduck News**

Washington Director
DEBORAH McARTHUR
NOAA Fisheries - Northwest Fisheries Science Center
2725 Montlake Blvd. E • Seattle, WA 98112
(W) 206.860.3430 • Deborah.mcarthur@noaa.gov

**Greetings Fellow Educators!**

Washington state members have been very busy since the beginning of the year with events, conference planning and sponsoring state-wide aquatic and marine education programs.

We had a “fabulous” overnight at the Seattle Aquarium March 8-9 with over 70 NAME members, family and friends. What a fabulous place to spend time with colleagues equally passionate about the wonders of the marine and aquatic world! Giovannina, Woody and Orlay deserve extra thanks for their planning and efforts to make the event a success.

NAME WA sponsored several events this year. We once again provided T-shirts to the winning team of the Orca Bowl – Washington State’s ocean science competition for high school students. We reached out to new members at all three Storming the Sound events for environmental educators for the north, central and south Sound gatherings. NAME WA also supported several teacher workshops at the Nisqually National Wildlife Refuge.

Conference committee members have been meeting regularly to plan this summer’s annual NAME conference in Friday Harbor on San Juan Island. We met April 26-27 at Padilla Bay National Estuarine Research Reserve for a very productive planning weekend. Thank you to our Padilla Bay sponsors for putting us up in the “bunkhouse” (very nice accommodations!) and for the fabulous seafood meal (manilla clams, crab, grilled oysters – oh my!).

Sunday morning we paddled out of Bowman Bay to enjoy the natural wonders of Deception Pass State Park. Wildlife sightings include otters, porpoises, harlequin ducks, a red-necked grebe, loons, a nudibranch and spring wildflowers on the high cliffs. We hope to make this kayak/canoe/paddle an annual event to bring our members together!

We look forward to seeing everyone in Friday Harbor July 9-12 for a fabulous annual conference!

– Deborah McArthur, Director
Summer Opportunities for Students and Educators

The summer learning opportunities listed below are offered throughout Oregon, Washington, BC and Alaska. Don’t forget to register for the July NAME conference on San Juan Island, “Living on an Island: Salish Sea Stewardship” for fun and education! http://www.wsg.washington.edu/education/events/name.html

Climate Quest, July 13-19, 2008
University of Washington campus
New Program for Students Entering Grades 10-13
Climate Quest is a 7-day high school/college freshman course that combines environmental science with video production. A new partnership between the UW Program on Climate Change and the Burke Museum, Climate Quest will guide students through presentations, hands-on activities, and a field trip to learn the science behind climate change, potential impacts on the Pacific Northwest, and efforts to curb greenhouse gas emissions.

Course instructors include UW faculty, staff and graduate students. As a culminating project, teams of students will produce 5-minute videos on climate change. Climate Quest students will receive one UW college credit. Cost is $550 per student; cost assistance is available.

Registration is required through the Burke Museum Education office. Contact the office by phone at 206-543-9681 or email at burked@u.washington.edu.

Online registration can be found at http://www.washington.edu/burkemuseum/education/summer.php.

“Approaches to Scientific Inquiry; Science Beyond the WASL”
For teachers, Grades 3-8
Port Townsend Marine Science Center, Fort Worden State Park
August 17-20, 2008
TUITION FREE! Meals, lodging and travel stipend provided, as well as credit/clock hour options. For information: 360-385-5582, 800-566-3932, info@ptmsc.org www.ptmsc.org

Creeks & Kids Educator Workshop
Jackson Bottom Wetlands Preserve – Seneca, OR
July 13-17, 2008
Gain the confidence, skills and knowledge to use nearby streams as learning sites with your K-12 students. Field-oriented, supplemented with WET, WILD and Stream Scene, focused on watershed function. Rustic forest camp near Strawberry Wilderness. $45 registration covers food, lodging (4 nights), instruction, curricula and supplementary materials. Contact Lin Howell, Workshop Coordinator, Jackson Bottom Wetlands Preserve, PO Box 3002, Hillsboro, OR 97123, 503-681-6429, l inh@ci.hillsboro.or.us, www.Jacksonbottom.org

Woodland Park Zoo
Summer 2008 workshops are open to educators of all grades, including pre-service teachers. Advance registration by fax or mail is required for the workshops; please call 206-548-2424 or see http://www.zoo.org/educate/tchr_school/workshops.html.

Continued next page...
Commonly called “bristle worms,” polychaetes are known from the marine environment, with the exception of one or two genera that are found in freshwater. They are usually classified in the same group as leeches (Hirudinea) and earthworms (Oligochaeta) in the phylum Annelida (segmented worms). They can be found in any marine habitat, even as commensals with other marine invertebrates.

The diversity of these animals in British Columbia is impressive with estimates of usually over 800 species. However, the worldwide roster for polychaete species is about 10,000.

Most, upon inspection of the whole body, are variations on a basic worm model as exemplified by the familiar earthworm. However, polychaetes have taken the step further by developing sometimes elaborate feeding or locomotory appendages and or respiratory organs. This has certainly helped them to proliferate into many marine habitats. They can be commonly found at all depths in and on mud, in the burrows or bodies of other animals, under rocks, in crevices, and even in the water column.

Some of the more commonly seen species are the feather duster worms such as *Eudistylia vancouverensis* pictured above, although the only part that is visible are the impressive red and blue feeding appendages.
We Welcome Our New & Renewing Members!

Tansy Clay
Brenda Hood
Andrea Kosto
Linda Maxson
Vicki Osis
Kaaren Salsbury
Joe Weiss
Bill Austin
Roberta Ayres
Janet Charnley
Betsy Dickes
James Long
Alan Rammer
Terry Slaven
Robert Morgan Smith
Ruth Cruz
Bill Hastie
Nicole Killebrew
Bonnie Storm
Glen Alexander
Susan Bullerdick
David Denning
John Hodder
John Hunter
Robin Forrest Jacobson
Kevin Kurtz
Sally Lider
Cheryl Loveto Niles
Mary Lou Peltier
Casey Ralston
Tim Stetter
Cherie Williams
Penelope Dalton
Judy D’Amore
Howard Garrett
Tom Gaskill
Susan Berta
Julie Hahn
Cindy Hansen
Terry Martin
Sharon Cawley Morse
Anne Mills
Wes Nicholson
Sandra Palm
Cynthia Park
Nancy Reichley
Fritz Stahr
Bev Walker
Raechel Waters
Gene Williamson
Sam Chamberlain
Nora Deans
Julie DuFresne
Rebecca Gjertson
Marcia Gwynne
Kat McNicol
Mary Middleton
JoAnn Moore
Amy Sprenger

Northwest Aquatic & Marine Educators

Going to the NAME conference at Friday Harbor in July?
Leave your car behind for a scenic flight on

KENMORE AIR
the seaplane airline

Mention NAME for a 10% discount!
http://www.kenmoreair.com

Oceans of Learning!
earthwisevideos.com

SONG of the SALISH SEA:
a Natural History of Northwest Waters (45 min DVD $29.95)

2007 Notable Children’s Video
Seven stand alone modules:
* Introduction
* Watershed
* Soft Bottom Habitats
* Saltgrass Meadows
* Rocky Habitats
* Open Water Habitat
* Salmon Life Cycle

Includes a Teachers’ Guide and many extras.

“A stunningly photographed nature video packed with useful information on... Puget Sound, the Strait of Georgia, and the Strait of Juan de Fuca known as the Salish Sea. This engaging title will appeal to not only regional interests but all because of the range of habitats and life forms it covers. Ages 11-14.”

A.L.S.C.

Video Librarian

Order direct from Earthwise Media at 360-271-1584, or
orders@earthwisevideos.com; or
from your preferred distributor

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c/o Debbie Smith
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Tumwater, WA 98501