



# Salish Sea Expeditions Annual Report

## 2005 - A Focus on Science

In 2004, Salish underwent a formal program evaluation—the results confirmed our long held belief that we are delivering outstanding hands-on science education programs. The wonderful program mixture of sailing, science and shared adventure, coupled with the student's mastery of skill and real decision-making all on the waters of Puget Sound lead to continued growth of and interest in our program.

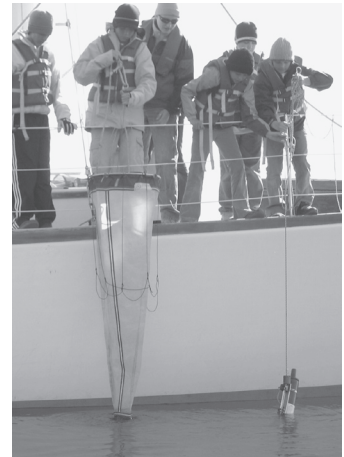
However, data and anecdotal evidence also suggest the strong lure of the sailing component of our programs has the potential to overshadow our core mission—hands-on inquiry-based science. In response, 2005 was highlighted by launching several initiatives that we believe will both augment and refine our programs, while maintaining the essential format of our successful boat-based learning expeditions. Recognizing 2005 as a beginning platform for these initiatives, we anticipate their strength to grow in the next few years. We believe that these changes will result in an extremely strong science component of our program that will, in turn, lead to a more enthusiastic and well-informed student-scientists.

**Student Research Reports** -- Student synthesis projects will include the use of a common report format to share data and conclusions. The collection of these reports will be the content focus for the *Journal of Student Research on Puget Sound*. The new journal is available on our web page. We believe this journal will not only provide ideas for future Salish student research, but will be a tool to demonstrate the quality data obtained, engaging other scientists.

**Collaborative Research Partners** -- Salish educators will build partnerships with area scientists, government agencies, and environmental groups that might find data from our student researchers useful. Then, as students make decisions about their research topic, the influences and the needs of these Collaborative Research Partners will heighten both the scientific importance of the data, and the connection to the real world. Similarly, the researchers may be able to help our student scientists in the creation of appropriate experimental design, further ensuring the accuracy of the data collected.

**Stow-Away Schools** -- Salish will offer opportunities for non-attending area schools (Stow-Away Schools) to submit requests for research. Much as the Space Shuttle performs school experiments in space, Salish will solicit research requests from land-based schools, providing virtual access to the difficult-to-reach environments of Puget Sound's waters. Students are more likely to be invested in their research if they know it will have a direct impact on others.

**New Equipment** -- With the help of the Harrington-Schiff Foundation and the D.V. & Ida J. McEachern Charitable Trust, Salish invested in the purchase of a several pieces of scientific equipment. Most notably, an upgraded sonde allows students to measure temperature, depth, salinity and dissolved oxygen. When calibrated and used in conjunction with a GPS system and our ship laptop, the student collected data is increasingly reliable, aiding in the usability of the data by other scientists.



*Students from the Colorado school Peak to Peak show their scientific talents while retrieving both the zooplankton net and the Niskin bottle*



*A mysterious bottle is retrieved by Mt. Baker students that reveals a message from the Salish crew*

**Language** -- Salish continually strives to ensure that our programs are fully integrated with the classroom, and that our work with students supports the teachers work in providing great science education to the students. Salish made changes in our teaching language, ensuring that the students hear the same terms from our educators as their own. Referring to the "hypothesis" as a "prediction" is an excellent example of the language change that helps students integrate the understandings from the boat to the desk.

As Salish nears 10 years of programming, we recognize that the strength of our inquiry-based "science-under-sail" programs is built on continual refinement. We are excited to witness the effects of these changes as we enter into our second decade of programming.



# Salish Sea Expeditions Annual Report

2005 - A Focus on Science

## 2005 Highlights

### **Executive Director Transition**

In April of 2005, Salish celebrated a successful transition from veteran Executive Director, Ellie Linen Low, to new Executive Director Stephen Streufert. After an exhaustive national search, Stephen's tenure began on April Fool's Day, 2005. With experience as a field instructor, non-profit board member and president, sales director in the for-profit world, and administrator in outdoor education organizations, Stephen brings a wealth of knowledge and experience.

### **New Website**

After months and months of preparation, building, and dreaming, Salish launched a new website with the help of Seattle's nonprofit organization One Northwest. Complete with trip tracking, photos of programs, access to the 20 minute Salish DVD, and a Ship Store, the new website is a great new resource.

### **Sea Investigators**

In our spring season Salish worked with 16 Washington schools and other groups and served a total of 339 students. Our real excitement, however, came from an overwhelmingly positive fall season. After a few years' break on fall overnight Sea Investigator programs, these programs were reintroduced, serving nearly 100 students from four local schools. Additionally, both spring and fall seasons were completely booked, forcing us to maintain a waiting list for participants. These full program seasons were due, in part to a 75% return rate from schools - another sign that we are doing something right!

### **Sea Educators**

Science education workshops were offered to nearly 100 teachers to introduce the inquiry-based method of teaching science, provide an overview and hands-on trial of our scientific research equipment, explain Salish programs and encourage participation. Through a partnership with Puget Sound Educational Service District, we were able to offer continuing education credits to teachers attending workshops that were hosted around the Sound both in the spring and fall of 2005.

### **Salish Celebration Dinner and Auction**

During 2005, Salish Sea Expeditions hosted our first annual fundraising auction and dinner celebration. Through the hard work and dedication of our Board of Directors, many volunteers, and staff, the event was a great success. The Seattle Aquarium was selected as the evening's venue and diners mingled between tidepools and sea stars. A live auction followed, along with the debut of the Salish DVD "Inspiration and Inquiry: A Salish Documentary."

### **Support for Salish**

In 2005, Salish was pleased to receive several important grants from local foundations. One such donation included a capacity building grant from the Paul G. Allen Family Foundation to partially fund the addition of a Development Director to the Salish staff. Another was from the Edwards Mother Earth Foundation for a 2006 focus on the Duwamish River by students from that area. With support from these, and other local foundations, and generous individuals, Salish will be able to help meet the growing needs of students and teachers from around the Puget Sound. A full list of our amazing foundation supporters is found on page 4 of this report.

### **Continued Partnership: Salish and Four Winds \* Westward Ho Camp**

At the close of 2005, Salish had the opportunity to deepen the partnership we enjoy with *Carlyn's* owner, Orcas Island based summer camp Four Winds \* Westward Ho, by deciding to jointly hire a full time captain for the vessel. By cooperatively hiring a single person for this previously seasonal role, we together helped ensure continuity for both *Carlyn* and the programs she hosts.



*Concentrating on her refractometer readings, a Bainbridge High School student smiles as she works*



*The Carlyn under sail on the Salish Sea*



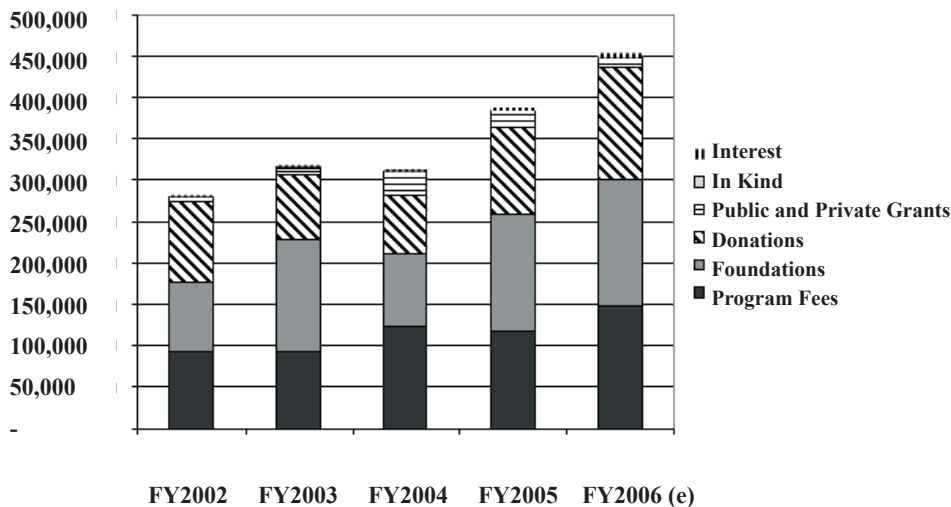
# Salish Sea Expeditions Annual Report

## 2005 - A Focus on Science

### Financial Summary

Continued excellent fiscal and operational management has put Salish Sea Expeditions on a solid financial footing in 2005. The team managed cash flows effectively throughout the year - making business decisions based on expected cash balances projected 18 months into the future and consistently exceeding its own aggressive budget. Revenues and program expenses continue to grow in sync with programs in a sustainable pattern. In late 2005 the board recommitted to working towards a second vessel, and 2005 not only generated a small amount of cash, but also demonstrated the fiscal responsibility for this enormous undertaking.

### Source of Funds 2002 - 2006 (estimate)



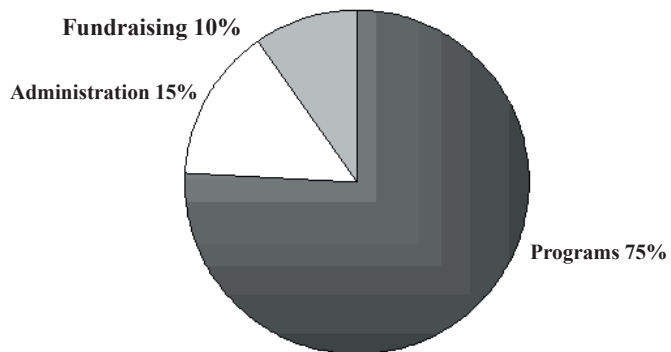
### Sources of Funds

In FY 2004 and 2005 Salish committed to offering a substantial percentage of programs to low-income schools - foregoing a portion of program revenue which is evident from the moderate growth in program fees despite an increase in actual program days. Foundation, public and private grants are making up the difference in direct funding of low-income programs. An accounting change, foundation grants are now recognized in the period in which they are spent, explains what appears to be decline in foundation grants.

### Uses of Funds

Salish continues to operate very leanly - 75% of expenses are for the programs themselves, with just 15% going to administration, 10% to fundraising. The Salish management team has proven they can effectively scale both to the season and to annual growth.

### FY2005 Use of Funds





# Salish Sea Expeditions Annual Report

## 2005 - A Focus on Science

**We thank the following foundations, businesses, organizations and individuals for their generous contributions received between 01/01/05 and 12/31/05.**

### Foundations

The Bainbridge Foundation, Inc.  
Bainbridge Island Community Endowment  
The Braitmayer Foundation  
The Bill & Melinda Gates Foundation  
The Burning Foundation  
D.V. & Ida J. McEachern Charitable Trust  
Edwards Mother Earth Foundation  
Eulalie Bloedel Schneider Foundation  
The Glaser Foundation  
J. Heller Charitable Unitrust  
Kirlin Foundation  
The Martin Fabert Foundation  
Moccasin Lake Foundation  
Naughtin Family Foundation  
The Paul G. Allen Family Foundation  
The Salem Fund of the Rodman Foundation  
The Seattle Foundation  
Washington Foundation for the Environment  
Windermere Foundation, Bainbridge Island

### Government Agencies

King County Dept. of Natural Resources  
Washington Sea Grant

### Businesses

Anchor Environmental, L.L.C.  
Argosy Cruises  
Arista Wine Cellars  
Betz Family Winery  
Blue Sky Printing  
The Cake Lady: Holly Levin  
Café Nola  
Caffè Ladro  
Chateau Ste. Michelle  
Cookies  
Cricket Cola  
Eagle Harbor Inn  
Edgewater Hotel  
Essential Baking Company  
Foxglove Films, LLC  
Holland America Line, Inc.  
Horton Lantz & Low  
Island Financial Consulting  
Manson Construction Co.  
Maritime Pacific Brewing Company  
Narada Recording, Inc.  
Olive You  
Pro Net, Inc.  
Sage Manufacturing  
Seattle Sailing Club  
The Stock Market  
Stoel Rives LLP  
The Tasting Room

### Matching Gifts

Amgen Foundation  
Microsoft Corporation  
Nintendo of America, Inc.

### Organizations

Center for Wooden Boats  
Four Winds\* Westward Ho Camp  
ONE/Northwest  
Periwinkle Press  
Seattle Aquarium

### \$5,000+ North Star Society

Laurie and Steve Arnold  
Leila and Jonathan Linen

### \$2500-\$4999

Eric Laschever & Eulalie Sullivan

### \$1,000-\$2,499 Tide

Vera Agostini & Rob Lloyd  
Kevin Campion  
Elizabeth and James Johnston  
Sophy Johnston  
Ellie Linen Low & Dave Low Jr.  
Katherine F. Wellman & Douglas B. Wells

### \$500-\$999 Breaker

Karen Braitmayer  
Mary Ann and Thomas Callahan  
Sharon and William Farr Jr  
Michele and Steve Heller  
John Lally  
Thomas Mueller and Heidi Stamm Mueller  
Carol Rava Treat and Noel Treat  
Tres and Robert Small  
Brenda and Donald Sotta  
Steve Tan  
Melissa Waggoner Zorkin and Kristo Zorkin  
Audrey Watson

### \$250-\$499 Crest

Patrick Berkley and Deirdre Doyle  
Kim Corrigan  
Kathy Murphy  
T.C. and Keith Richmond  
Karen Schmitt  
Carlyn Stark  
Jennifer and Len Jordan  
*In Honor of Bobby Coulter*

### \$100-\$249 Swell

Anonymus  
Christine and Jeffrey Arnold  
Edward Berschinski  
Jim Brennan  
Betsy and Dave Chappelle  
Mr. and Mrs. R.C. Chappelle  
Richard Corff and Elizabeth Robinson  
Barbara and Thomas Corrigan  
Page and Robert Coulter  
Judy and Tom Curran  
Mary Anne and Roger Dane  
Leslie and Chris David  
Harriet and Stephen Davis  
William Davis  
Blair and Jeff Demers  
Virginia English and Stephen Holt  
Bruce Fabert and Sharon Brodniak  
Barbara and Alan Ferrin  
George Ford & Eleanor Johnston Ford  
Carol Furry and Ron Kessler  
Norma and William Geenty  
Gray Hawken & Carolyn Brown Hawken  
Carol and Marc Hershman  
Lindsey and Cameron Hewes  
Ellen and John Hill  
John Holt & Susan Trainor Holt

Tom and Julie Hull  
Gretchen Hund & Edward Andrews III  
Janet Knox & Tom Fehsenfeld  
Molly and Frank Lawrence  
Grace Lawrence: *In Honor of Sophy Johnston and Kathy Murphy, Salish founders*  
Marc Lee  
Candy and David Low  
Andie and Brian Mackin  
Kathleen and Stan Martin Jr.  
Dave Mcshea & Sophia Eitel  
Edward Miles  
Chris Mosio & Jennifer Louden  
Channie and Barry Peters  
Frank Petrie & Tracy Dickerson  
William Ross & Margot Dick  
Lynn and Steven Rowe  
Diana and Ron Schneeweiss  
Claudia and William Stelle  
Clarissa and Warren Wooster  
Rebecca Vaux & Kerim Aydin  
*In Honor of Stephen Streufert's Grandmother*

### \$99 & under Wave/Ripple

Anonymus  
Daniel Acker & Margaret Sloan Acker  
Maureen and Maxime Albi  
Bonnie and Irva Alpert  
Sarah and Robert Alsdorf  
Jennifer Angier  
Barbara and Tom Armentrout  
Leslie and Andrew Bartlett  
Erica Lloyd Bergamini & Herb Bergamini  
Venugopal Bhat  
Kari Nasby Campbell & Michael Campbell  
Carol Cockrill & Conrad Albert  
Tara and Mark Demick  
Barbara and Ken Drewry  
Patricia Ehlers  
Matt Eldridge & Josy Koumans  
Charles Eriksen & Alden Garrett  
Galit and Sol Ezekiel  
Donald Foisy & Marla Brandt  
Chuck Fowler  
Caroly & Roger France  
Eva Freeman: *In Honor of Mike Tavener*  
Tracy Fuelleman  
Diane & Mike Gillespie  
Lizzy Grubin  
Marilyn & Einer Handeland  
Taina Honkalehto & Ed Melvin  
Kathryn Kelsey & Christopher Holland  
Benjamin Klasky & Lisa Timmins  
Alex Koerger & Tandi Rogers  
Zelda and Fred Laschever  
Sheri Ley-Mackey & James Mackey  
Cameron Linen  
Nan and Doug Little  
Gabriela and Miguel Llanos  
Barbara and Frank Magusin  
Linda Maxson & Talbot Miller  
Adrienne and Charles Miller  
John Monk  
Judy and Richard Nelson  
Jennifer Niles  
Katie and Jon Owsley

Ann and Tony Peacock  
Beth and Benjamin Pollock  
Betty Ray  
Cliff Ruby & Elana Lesser  
Jill Sheldon & Ashley Eldridge  
Meryl and Peter Shier  
Katie and Larry Short  
Silje Sodal & Peter Claar  
Susan & Craig Stout  
Carolyn & Victor Streufert  
Matthew Sudduth & Anne Rouse Sudduth  
Craig Trueblood  
Betsy and Bruce Wagner  
Ken Weiner & Kathy Fletcher  
Erik Zettler and Linda Amaral Zettler

### In Kind

Pat and Larry Freeman  
Diane and Bob Kalmbach  
Stephanie Mathisen  
William Ross & Margot Dick  
Audrey Watson

### Volunteers & Valuable Advice

Mike Burghart  
Carrie Byron  
Maureen Callahan  
Michael Campbell  
Ninyana Dent  
Jamie Doyle  
Amos Freeman  
Shane Freeman  
Goody Gibbons  
Christopher Jones  
Simon Haas-Gerlof  
Dave Low  
Larry Novack  
Maggie Ost Dahl  
Marty Reimer  
Victor Streufert  
John Thompson

### Special Thanks To...

- Mike Douglas for his ongoing support and advice.
- Sophy Johnson, Kathy Murphy and Ellie Linen Low for their help in making a seamless Executive Director transition.
- Michele Lane-Hamilton corporate teambuilding program suggestions.
- Keith Hines for his helpful insights into the Coast Guard inspection process.
- Bob MacArthur of Birch Corner Associates for his administrative coaching.
- One Call for All donors who designated Salish in their red envelope.
- Channie Peters for her invaluable advice and support

*We gratefully acknowledge the many alumni, parents, educators, staff, board and friends who generously contributed their money, time and efforts to Salish Sea Expeditions. In 2005, 100% of Salish Board members financially supported the organization. Every effort has been made to list all contributors accurately for the year 2005. If, however, an error has been made, please accept our apologies and notify us at (206) 780-7848 ext. 3# or lorrieke@salish.org.*