Inland Seas Education Association (ISEA) is proud to present its 2012 Annual Report. In these pages you will find a summary of last season’s educational activities, staff and board changes and a list of all those in the community who support ISEA’s work on shore and afloat. This past year ISEA provided shipboard education programs for 4,175 students and adults. Several thousand additional people participated in ISEA activities dockside, in our Education Center or on our wetland and waterfront.

Since our humble beginning in March of 1989 (no office, no budget, no employees, lots of ideas, lots of friends), ISEA has grown into a nationally known freshwater education organization, with over 96,000 students to our credit. This success is largely due to the dedicated efforts of hundreds of volunteer instructors, office helpers, fundraisers, donors and staff.

At the end of our first year we had two staff positions (me and Robin Bahle), 16 donors (10 of whom are still supporting ISEA), 33 volunteer instructors, and 37 classes. Many of the schools sailing with us that first year continue to bring students to the Schoolship each year. Those sixth-graders are now in their mid-thirty’s! Hopefully they still remember their day on the Schoolship. I know some of them do because they have told me so.

The coming season is full of promise as ISEA begins its 25th season of Schoolship Programs for the students of Michigan and beyond. We have 95 Schoolship classes booked for spring and a very full summer season. The schooners Inland Seas and Manitou will be ready on May 1st when the first class of Schoolship students arrives at our dock. So will the 240 volunteers who will teach these students and help ISEA in numerous other ways.

I am lucky enough to see Grand Traverse Bay every day on my way to work. I never take that view for granted, and I try each day to walk for a few minutes by the water’s edge. There I listen, smell, and see the lake in its many colors, textures, and moods. I hope you are able to do the same, but if you can’t on a daily basis, remember that ISEA is out there each day, helping to make the next generation of Great Lakes scientists and stewards. Thanks for being a part of this great work.

In case you have not heard by now, I am planning on retiring as Executive Director at the end of 2013. This does not mean that I am leaving ISEA completely. I plan to stay on as part-time Captain for a few more years, and I will be around to assist the new Executive Director as needed, while letting the new person take full charge of the organization after a couple of months of working together.

My retirement announcement letter is reprinted on the opposite page. Thanks to everyone who has made Inland Seas possible, and for being so supportive over the years.

Tom Kelly
Executive Director
SWAN SONG

Since 2008, I have been working toward this with the ISEA Board of Directors, and assistance from NorthSky Nonprofit Network. ISEA has developed an Executive Transition Plan, a pathway for the orderly change of leadership. In the coming months we will be searching for the next Executive Director and hopefully this person will be ready to join us by November, 2013. After a couple of months overlap, I will step aside and the new leader will take the helm beginning January, 2014.

ISEA will go on much as before. The board is committed to our mission and the way of doing our work. The new Executive Director will be carefully chosen by the board to carry on the best traditions of ISEA and to bring new ideas and new energy to the organization. I will help in any way I can to ensure a sustainable future for ISEA. I plan continued involvement with ship operations in the future, working with Captain Ben Hale, to provide a safe and rewarding shipboard experience for our young learners.

I want to thank you for your loyal support over the years, and I ask for your support through this transition period and into the future. This will be a change for everyone involved with Inland Seas, including me and you. Please feel free to contact me if you would like to talk about the transition or anything else about ISEA. I trust you will continue to support ISEA’s mission into the future, so thousands more students can experience the Great Lakes and become faithful stewards of this great resource.

Tom Kelly
Executive Director
2012 was a very successful year for ISEA. We had 110 Schoolship trips involving 4,256 students. Because of our many generous donors, we were able to offer scholarships to many schools which made it possible for them to be part of our program.

Now as we plan for 2013, our 25th year, we are very busy training new volunteers and scheduling for Schoolship sails. It looks like our sailing schedule will be very busy.

Tom Kelly, our founder and executive director, plans to retire at the end of 2013. Those of us who have had the pleasure of knowing and working with Tom for years know that he can not be replaced. However, our transition team is working hard to find the right person to fill his shoes. We have signed an agreement with Human Resource Partners, a local firm, to aid in that effort and we are working together to assure a smooth transition.

In my short time as president of ISEA I have seen first hand that this organization has the two components to make it successful. It has a great staff and wonderful volunteers. I would especially like to thank the ISEA Board for their time, energy and commitment on behalf of our organization.

Larry Garber, President of the ISEA Board

Larry Garber passed away on July 26th, 2013.

Memorial gifts will be used to obtain a new suit of sails for our schooner, Inland Seas.

Larry was a great mentor, leader, and friend. He will be missed by all.

WHO WE ARE

Tom Kelly, Executive Director
Ben Hale, Captain
Stephanie Crick, Administrator
Kathy Lievens, Development Director
Tim Davis, Education Director
Emily Shaw, Education and Volunteer Coordinator
Taryn Carew, Education Specialist
Kathy Kane, Ship’s Cook
Jan Hale, Len Klein, Bob Hagerman, Gary Longton, Larry Good, Wayne Snyder, Ship’s Crew

2012 STAFF

2012 INTERNS

Maggie Peterson
Amanda Wild
Taryn Goodney-Jones
Paige Pfannenstiel
Leah Miller
Morgan Furore
FAMILY SCIENCE SAILS

A unique 3-hour experience for the entire family, participants become “scientists and sailors” aboard ISEA’s schooner Inland Seas. Families learn about the Great Lakes’ ecosystem by trawling for fish, collecting plankton, sampling sediment from the lake bottom, and testing water quality. In addition, families become a part of the maritime tradition by raising the anchor, hoisting the sails, and steering the schooner.

ASTRONOMY SAILS

Setting sail at sunset, and sailing under a darkening sky, participants of ISEA Astronomy Sails identify constellations and learn the legends behind their names with local astronomer, Dick Cookman. This is ISEA’s most popular adult program.

MAKING THE GREAT LAKES GREAT SAILS

Similar in content to Family Science Sails, Making the Great Lakes Great Sails are free due to sponsorship by the Great Lakes Restoration Initiative, in partnership with the Grand Valley State University’s Anis Water Resources Institute, Michigan State University Extension, Michigan Sea Grant, and BaySail. In 2012, Making the Great Lakes Great Sails were held in 10 different ports on Lake Michigan.
EDUCATION PROGRAMS
ABOARD INLAND SEAS

YOUNG WOMEN AND YOUNG MEN IN SCIENCE
Young Women and Young Men in Science are two-day overnight programs for high school students with strong interests in science. The students work in small groups designing and completing research projects to assess the health of the Great Lakes’ ecosystem. The program culminates in a public presentation of their research.

MARITIME HISTORY SAILS
The rich maritime history of Suttons Bay, Peshawbestown, and Omena is explored during ISEA’s Maritime History Under Sail. Sailing the bay as in the days of old, participants experience the heritage of the mid-coast of Grand Traverse Bay, guided by the ship’s crew and local historian, Laura Quackenbush.

INVASIVE SPECIES FIELD COURSES
ISEA’s Invasive Field Course and Advanced Invasive Species Field Course are designed to teach educators and environmental professionals about invasive species in the Great Lakes region, and prepare them to effectively teach their students, colleagues, and volunteers about this critical subject. These three and four day courses emphasize the concept of “prevention through education.”
2012
SCHOOLSHIP SCHOOLS

AgriScience & Natural Resources
Association of Midwest Museums
Athens High School
Bay de Noc College Foundation (2)
Bay Pines Escanaba
Bear Lake Schools (3)
Bellaire Middle School
Bellaire MS/HS
Big Jackson Public School
Blair Elementary (4)
Central Grade School (4)
Central Lake High School (2)
Cherry Knoll Elementary School (2)
Clare Public Schools (4)
Clarkston Junior High School
Crestwood Middle School (3)
Eastern Elementary School (6)
Eastern Michigan University
Eisenhower Elementary (2)
Frankfort Elementary School (2)
Friends of Betsie Bay
Friends of Fayette Historic Townsite
Gaines Elementary School
Gaylord High School
Gaylord St. Mary's (2)
Glen Lake Schools
Grand Traverse Academy (3)
Grand Traverse Stewardship Initiative
Grayling Elementary School (3)
GRCS Environmental (6)
Greenspire School
Groves High School (2)
Hannahville Youth Services Department
Immaculate Conception (3)
Inland Lakes Schools (4)
Kalkaska Middle School (3)
Kennedy Elementary School (2)
Lake Leelanau St. Mary's (2)
Lake Orion High School
Lakeland Elementary (4)
Lakeshore High School (2)
Lansing STEM Academy (2)
Leelanau Montessori
Leland Public Schools (2)
Lewiston School (3)
Ludington Area Catholic Schools (3)
Mancelona Middle School (7)
Mason Elementary School
New Page - Escanaba Operations (6)
New Page - Escanaba Operations/Delta Force (2)
NMC Watershed Science Students (2)
Northport Lighthouse Festival
Northport Public Schools
Northwest Elementary (2)
Okemos High School
Old Mission Peninsula School (2)
Onekama Consolidated Schools (2)
Our Savior Lutheran School
Pathfinder School
Pellston Elementary School (4)
Pellston Middle School (2)
Platte River Elementary (9)
Post Oak School
Reuther Middle School (8)
Sacred Heart Academy (7)
Sault High
SEEDS
Silver Lake Elementary (6)
Smith Middle School (2)
Special Olympics Michigan, Benzie County
Sault St. Marie Convention and
Visitor's Bureau (3)
St. Francis Assissi (3)
St. Martha
St. Mary Hannah
Standish-Sterling Central High School
Suttons Bay High School (4)
Tappan Middle School (8)
TBAISD ACE II (3)
TCAPS Montessori
TEACH Home School
Traverse City Central High School (4)
Traverse City Central High School
SCI-MA-TECH
Traverse City Children's House
Traverse City Home Schoolers (2)
Traverse City West Middle School (3)
 Traverse Heights Elementary School (2)
Tri County High School
Trinity Lutheran School (3)
Washington Woods Middle School (18)
Western Michigan University
Willow Hill Elementary (3)
Woodland School
INLAND SEAS
BOAT SHOP

OPTIMIST PRAM BUILD AND
SAIL CLASS

On nine Saturdays from February to April, a group of 10 children, ages 5-14 years, learned how to build an Optimist pram. After completion of their boats, students were given a free scholarship to Traverse Area Community Sailing to learn how to sail the prams they built. The program is run by six ISEA boat shop volunteers under the leadership of Chuck Dickerson.

GRANDFATHER/ GRANDSON
PROGRAM

ISEA also hosted a collaborative program, July and August of 2012. Meeting two to three days a week, grandfathers and grandsons worked together to build their own prams.

FAMILY SCIENCE DAYS

Family Science Days are held in the ISEA Education Center and have different hands-on science activities. Each week, a theme enacts the young scientist in everyone. The program is geared for families with children 4-12 years old.

2012 SEMINAR SERIES

January: Restoration of Critical Fish Spawning Reef Through Invasive Predator Suppression and Habitat Restoration, Randy Claramunt

May: The Impacts of Algae on the Northeast United States, Dr. Timothy Davis

June: The 2011 Chicago to Mackinac Yacht Race Storm and a Review of National Weather Service Products, Justin Amott

July: The Threat of Asian Carp to the Great Lakes-- a 2012 Update, Mark Breederland

August: Platte River State Fish Hatchery- Fish for the Future, Aaron Switzer

September: Leelanau Conservancy’s Protected Natural Areas and Preserves: Field Notes from On and Off the Trail, Janee Rowe

October: The Threat of Asian Carp to Our Great Lakes-- What the Research is Telling Us, Mark Breederland

November: Potential Ecological Benefits and Costs to Restoring Stream Connectivity, Dr. Ashley Moerke

December: Grand Traverse Bay in 2012: The Stewardship Year in Review, Captain Thomas Kelly
CLASSIC BOAT SHOW

On July 21, 2012, Inland Seas Education Association (ISEA) hosted the Classic Boat Show on the Suttons Bay waterfront. This event, held in conjunction with the Leelanau Peninsula Wine, Food & Music Festival, had over 1,000 attendees.

The Classic Boat Show was held annually for 25 years until 2004. Inland Seas revived the show and plans to make it an annual event. This event brought together a diverse group of sailboats, motorboats, canoes, kayaks, rowboats and prams and gave the public a chance to meet the owners and see these boats up close. It was a day to celebrate great boats on the Great Lakes.

Activities included sailing trips aboard the Friendship Sloop Liberty and the classic motor yacht Liberty. The Maritime Heritage Alliance brought their voyageur canoes and gave paddling trips on the bay. ISEA’s 77’ Schooner Inland Seas and MHA’s cutter Champion were open for dockside tours. ISEA students and staff demonstrated wooden pram and canoe building and there was a nautical flea market all day. This year’s Classic Boat Show was dedicated to the memory of Mark Pleune, who helped organize the past 25 years of the event.

NAVY MOTOR WHALEBOAT "LAKE STURGEON"

This motor whaleboat, donated by Gordon and Susan Brown in 2012, is the descendant of open whaling boats of the 18th and 19th centuries. Motor whaleboats are used by the U.S. Navy as general purpose tenders aboard warships. They are usually carried on davits on the ship’s side. The motor whaleboat Lake Sturgeon is a Michigan DNR-inspected passenger vessel equipped with modern safety equipment. The vessel is staffed by a licensed captain and mate/educator.

One hour educational programs are available for individuals and groups. Visit www.schoolship.org for details.

The Lake Sturgeon (Nmé in Ojibwe) is the largest fish in the Great Lakes and is the mascot of ISEA.
## 2012 DONOR RECOGNITION

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Bahle Enterprises
John Blanchard
Peter and Janet Blos
Susan Brown
CenterPoint Building
Robert Chamberland
Charlevoix City Marina
St. James Marine Co.
Susan Wainwright and Thomas Collins
Charles Dickerson
Robert Doughty
Elmwood Township Marina
Escanaba Marina
Frieda’s
Forget-Me-Not Florist
Gills Pier Vineyard and Winery
Great Lakes Maritime Academy
R. Jeffery Green
Robert and Patricia Hagerman
Hansens Foods
Irish Boat Shop
Charlie and Kathy Johnson
Kathleen Kane
Gary Longton
Petoskey Marina
Kristen Miller
Mooners Ice Cream
Ann Nichols
Northport Bay Boat Yard
William Olsen
Victor and Jean Peterson
George H. Pezza
GI’s Rentals
Thomas Rogers
Schnackel Oil Company
Larry Thompson
Roger Vance
Joyce Wainwright
STATEMENT OF
FINANCIAL POSITION

As of June 30, 2012

<table>
<thead>
<tr>
<th>ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and Investments</td>
<td>$157,272</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>32,762</td>
</tr>
<tr>
<td>Inventory</td>
<td>5,522</td>
</tr>
<tr>
<td>Prepaid Expenses</td>
<td>16,835</td>
</tr>
<tr>
<td>Promises to Give</td>
<td>262,071</td>
</tr>
<tr>
<td>Property &amp; Equipment, Net</td>
<td>1,426,280</td>
</tr>
<tr>
<td>Total Assets</td>
<td>1,900,742</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIABILITIES AND NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable</td>
<td>$21,615</td>
</tr>
<tr>
<td>Accrued Liabilities</td>
<td>31,190</td>
</tr>
<tr>
<td>Deferred Revenue</td>
<td>5,050</td>
</tr>
<tr>
<td>Long-term Debt</td>
<td>446,193</td>
</tr>
<tr>
<td>Total Liabilities</td>
<td>504,048</td>
</tr>
<tr>
<td>Net Assets</td>
<td></td>
</tr>
<tr>
<td>Unrestricted</td>
<td>1,101,052</td>
</tr>
<tr>
<td>Temporarily Restricted</td>
<td>295,642</td>
</tr>
<tr>
<td>Total Net Assets</td>
<td>1,396,694</td>
</tr>
<tr>
<td>Total Liabilities and Net Assets</td>
<td>1,900,742</td>
</tr>
</tbody>
</table>

STATEMENT OF ACTIVITIES
YEAR ENDED JUNE 30 2012

<table>
<thead>
<tr>
<th>REVENUE AND OTHER SUPPORT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Fees</td>
<td>$161,607</td>
</tr>
<tr>
<td>Contributions</td>
<td>176,259</td>
</tr>
<tr>
<td>Fundraising Events, Net</td>
<td>592</td>
</tr>
<tr>
<td>Inkind Donations</td>
<td>181,421</td>
</tr>
<tr>
<td>Grants and Contracts</td>
<td>108,396</td>
</tr>
<tr>
<td>Merchandise Sales, Net</td>
<td>2,297</td>
</tr>
<tr>
<td>Sale of Donated Items</td>
<td>9,839</td>
</tr>
<tr>
<td>Dock Rentals</td>
<td>7,200</td>
</tr>
<tr>
<td>Interest</td>
<td>10</td>
</tr>
<tr>
<td>Loss on Donated Securities</td>
<td>-</td>
</tr>
<tr>
<td>Total Revenue and Support</td>
<td>647,621</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPENSES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Program Services</td>
<td>$528,500</td>
</tr>
<tr>
<td>General &amp; Administrative</td>
<td>124,760</td>
</tr>
<tr>
<td>Fundraising</td>
<td>132,840</td>
</tr>
<tr>
<td>Total Expenses</td>
<td>786,100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NET ASSETS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Changes in Net Assets</td>
<td>$(138,479)</td>
</tr>
<tr>
<td>Net Assets, Beginning of Year</td>
<td>1,535,173</td>
</tr>
<tr>
<td>Net Assets, End of Year</td>
<td>1,396,694</td>
</tr>
</tbody>
</table>

From audited financial statements, Vanderwal, Spratto, and Richards, P.C.
2012 VOLUNTEERS

Emma Adams
Logan Adams
David Anderson
Anthony Applegate
Vicky Arlt
Kim Arnburner
Dennis Arnburner
Judy Arnold
Cindy Ashley
Cathie Ballard
Gerald Battle
Jerry Battle
Tom Bater
Peter Bentley
Don Bogue
Bruce Bowen
Paul Budde
Alice Buell
Webb Buell
Bob Bura
Thomas Burton
Tom Burton
Jody Byland
Chris Campbell
Russell Carew
Glen Carlson
John Castron
Kenneth Cerny
Sandra Ciesieski
Terry Ciesieski
Marcia Cline
Patt Cole
Kenneth Coleman
Ryan Collins
Stuart Corpe
Stu Cooper
Gary Costley
Tony DeRose
Chuck Dickerson
Janet Dickerson
Barbara Doffe
Donald Duanlo
Sally Dunlop
Kim Eike
Martha Eldridge
Bill Emerson
Susan Erdmann
Michael Fadel
Topher Fasst
Jim Feiker
Al Florey
Gene Fontaine
Lee Forester
Rebekah Fuller
Morgan Fung
Sandi Gath
Larry Garber
Martha Garber
Travis Gensler
Jeni Goodnow
Terri Goslin
Claudia Graham
Jim Graham
Don Gray
Harry Greenway
Bob Hagerman
Jan Hale
Melissa Hale
Bill Hansen
Paul Hartma
Richard Harvey
Gail Hastings
Conrad Heins
Larry Heiman
Lee Hepper
Jakob Hester
John Hoeft
Craig Holmes
Emily Holmes
Pat Holmes
Debbie Horne
Bill Horning
Barbara Horning
Carol Inman
Jerry Inman
Bette Jackson
Dave Janowski
Robert Johnson
Keith Johnson
Claudette Johnson
Demarie Jones
Taryn Goodney-Jones
Emma Kelly
Graham Kelly
Pan Kirt
Connie Klein
Len Klein
Arlene Koons
Abby Kopplin
Fredy Kopplin
Mary Krunz
Frank Lahee
Dave Landis
Jeanne Landis
Barry Lishawa
Linda Lishawa
Lil London
Gary Longton
Phillip Loud
Pete Magoon
John Mauer
Bill Maul
Paul McEwen
Doug McEnnis
Ann McNair
John Miller
Leanne Miller
Kristen Miller
Rolle Miller
Steve Morgan
Scott Myers
John Nelson
Ann Nichols
Harvey Norris
Barbara Nowinski
Justin O'Brien
Patt Oriel
Pat Paveglio
Leo Paveglio
Mary Peterson
Becky Peyton
Larry Peyton
Chuck Piachetoski
Sally Piachetoski
Dorina Pople
Bob Popov
Nancy Powers
Cindy Ratowski
Steve Rawlings
Dan Reelitz
Jan Reelitz
Scott Reitz
Jacob Reuss
James Richardson
Sandra Richardson
Michael Richmond
Eric Schneider
Deb Scott
Spencer Seely
Richard Shay
John Smith
Chris Somero
Sally Sonsel
Alfred Stachel
Jane Suppes
Stephanie Sutherland
Logan Stuttman
Suttons Bay Honor Society
Wayne Swallow
John Tanner
Liam Thiemans
Zack Thielander
Kathy Turner
Emily Tyner
Fred Utting
Gloria Velman
Richard Walter
Jon Walter
Janet Ward
Diana Warner
Kennard Weaver
John Welsh
John Wilson
Dale Whelan
Amanda Wild
Michael Wildman
Larry Winegar
Maury Wittman
Thom Yocum
Jay Zelenka
All data presented was collected by students and volunteer instructors as part of Inland Seas Education Association’s Great Lakes Schoolship Programs. Samples were taken aboard schooner Inland Seas, in Suttons Bay, Michigan.

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**Air temperature**

- Average 2005 - 2011
- 2012

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**Surface water temperature**

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**Bottom water temperature**

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**WHERE WE SAILED**

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**TEMPERATURE ANALYSIS**

- We compared the historical (2005-2011) monthly average air temperature, surface water, and bottom water temperatures (blue bars) to the 2012 monthly average temperature, (orange bars).
- The mean monthly temperatures for air, surface, and bottom waters from May through July were 4.3 +/- 1.8 degrees Fahrenheit higher in 2012 than the average from 2005-2011.
- Air and surface water temperatures for September and October 2012 were similar to previous years.
- Mean bottom water temperatures in 2012 were 3.2 +/- 0.7 degrees Fahrenheit higher in September and October than in previous years.
2012 SCHOOLSHIP DATA

CHANGING FISH POPULATIONS

INVASION OF THE ROUND GOBY

WATER CLARITY

By the mid-1990s, zebra mussels had spread to all five Great Lakes. Their filter-feeding contributed to increases in water clarity and decreases in the amphipod Daphnia spp. densities.

Quagga mussels were found in Lake Ontario in 1989 and in Grand Traverse Bay by 2000. Quagga mussels are larger and outcompete zebra mussels. Today, they comprise over 99% of the dreissenid mussel population in Lake Michigan, an estimated 900 trillion quagga mussels.

The increase in water clarity allows for increased growth of the native green algae Cladophora spp. which, when it dies, can create anoxic (no dissolved oxygen) environment on the lake bottom. This provides an ideal microhabitat for the bacterium that produces the botulism toxin.
2013 PROGRAMS

FAMILY SCIENCE SAILS
- June 19, 9:00 am
- June 20, 9:00 am & 2:00 pm
- June 21, 2:00 pm
- June 25, 9:00 am & 2:00 pm
- June 27, 2:00 pm, Traverse City
- July 1, 9:00 am & 2:00 pm
- July 2, 2:00 pm
- July 3, 9:00 am & 2:00 pm
- July 5, 9:00 am
- July 10, 2:00 pm, Escanaba
- July 18, 9:00 am & 2:00 pm
- July 19, 9:00 am
- August 9, 9:00 am & 2:00 pm
- August 10, 2:00 pm
- August 17, 2:00 pm
- August 21, 9:00 am & 2:00 pm, Frankfort
- August 22, 9:00 am, Frankfort
- August 26, 9:00 am & 2:00 pm
- August 27, 9:00 am & 2:00 pm
- August 28, 9:00 am & 2:00 pm
- August 29, 9:00 am & 2:00 pm
- August 30, 2:00 pm

MAKING THE GREAT LAKES GREAT SAILS
- June 21, 9:00 am, Suttons Bay
- June 27, 9:00 am, Traverse City
- July 2, 9:00 am, Suttons Bay
- July 11, 9:00 am, Escanaba
- July 26, 9:00 am, Mackinaw
- August 12, 2:00 pm, Charlevoix
- August 13, 2:00 pm, Harbor Springs
- August 14, 2:00 pm, Petoskey
- August 20, 2:00 pm, Frankfort
- August 23, 9:00 pm, Leland

YOUNG MEN IN SCIENCE
- August 15-16, Petoskey to Suttons Bay

YOUNG WOMEN IN SCIENCE
- June 17-18 Suttons Bay
- August 1-2 Suttons Bay

INVASIVE SPECIES FIELD COURSE
- June 26-28 Traverse City
- August 5-8 Suttons Bay (Advanced Course)

ASTRONOMY UNDER SAIL
- July 5, 9:15-11:15 pm
- August 2, 9:00-11:00 pm
- August 9, 9:00-11:00 pm
- September 5, 8:00-10:00 pm

FESTIVALS
- July 12, Bay de Noc Maritime Festival

MARITIME HISTORY UNDER SAIL
- July 19, 7:00-9:00 pm

TALL SHIP BIRDING CRUISE TO GULL ISLAND
- June 1, 10:00 – 2:00 pm

ISEA CLASSIC BOAT SHOW
- July 20, 10:00 am – 4:00 pm
The Inland Seas Education Association was founded in 1989 as a non-profit charitable organization. Its mission is to enhance public understanding and stewardship of the Great Lakes through hands-on shipboard and onshore educational programs for children and adults.

2013 BOARD OF DIRECTORS

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Nancy Powers
Vice President

Sally Somsel
Secretary

Steve Rawlings
Treasurer

Cathie Ballard

Michael Fandel

Larry Garber

Steven Rawlings

Thom Yocum

2013 STAFF

Thomas M. Kelly
Executive Director

Captain

Stephanie Crick
Administrator

Kathy Lievens
Development Director

Emily Shaw
Education and Volunteer Coordinator

Taryn Carew
Educational Specialist

Ben Hale
Captain

Kathy Kane
Cook/Deckhand

Gary Longton, Allen Wolfe,
Bob Hagerman, Jan Hale, Ben Clark,
Len Klein, Sally Somsel, Gary Longton,
Rebecca Fuller, Dave Williams
Crew

Chuck Dickerson
Boat Shop Lead Instructor

Ken Cerny
Classic Boat Show

Dave Williams
Erica Utter
Callie Chappell
Ben Clark
Morgan Furore
Graham Kelly
2013 Interns