

## President's Message

Fall has arrived and many of us are busy with teaching, research, or hauling gear to get ready for the winter. For my penultimate message to the membership, I would like to take this opportunity to update you on the status of NSA. Our 1999-2000 fiscal year ended September 30<sup>th</sup> and financially, NSA is doing well. With the projected revenue from the Aquaculture 2001 meeting and the recent membership dues increase, NSA should be back on very sound financial ground by the end of the 2000-2001 fiscal year. Several initiatives are underway that will make our association more productive. First, we are looking into approaches that will increase our investment holdings. Plans are also underway to develop partnerships with companies that are willing to support NSA student activities, and a Student Endowment Fund brochure is being developed to highlight these partnerships and celebrate shellfisheries research by our students. I would like to thank Gef Flimlin, chair of the Revenue/Investment Committee, for his effort with these initiatives. Finally, plans are being made to produce a membership list that will be distributed to all NSA members. This list will provide contact information and research/business interests of each member. Hopefully, the membership list will make it easier to contact fellow NSA members and foster collaborations and interactions within our association.

As I hope everyone knows, the Aquaculture 2001 meeting is on the horizon. If you have not already booked your rooms at the Coronado Springs Hotel, do so as soon as possible. Also, don't forget that the early registration ends December 5<sup>th</sup>, and please remember to check the box next to NSA as one of your association memberships. More information about the meeting can be found in this newsletter.

Finally, an exciting slate of candidates has been prepared for the NSA 2001 election. Ballots will be mailed to you at the end of November. Please take the time to participate in the election process. NSA is your association and your vote counts!

Evan Ward  
President

## Recruits Corner

Hey Gang! The time is drawing near for Aquaculture 2001. Even if you are not going to be presenting this year it would be well worth it to come to Orlando for the meeting. If you have talked to any of the students who have attended past meetings I am sure they have all told you what a blast they can be. This year's meeting will not be an exception either. At this year's triennial meeting NSA is the lead organization and is going to need your help to make this a meeting not to forget.

As I mentioned in the last *NSA Newsletter*, help will be needed with running A/V for different sessions as well as registration. If you are interested in helping out and getting paid for your service, contact John Cooksey ([worldaqua@aol.com](mailto:worldaqua@aol.com) or FAX: 1-760-432-4275).

Also I mentioned last time the cost of accommodations at Coronado Springs. If anybody is coming up short for a room and is in need of somebody to split the cost please feel free to send me your contact information and I will get you in contact with others in your situation.

Some of you may have been attempting to visit at the Recruits site on the NSA web but have noticed that it has been down. We are working to remedy this situation very shortly. If there are any sections that you would like to see placed on our web site please feel free to contact me with your suggestions, as we are always looking to improve the communication among the Recruits. As always my email is on the back cover of the *NSA Newsletter*. Have a great rest of the semester and I hope to see all of you in Orlando.

Cheers  
Steve Allen  
Student Contact

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- ***Aquaculture 2001 Sessions***
- ***Constitution and Bylaws***
- ***Presentation Articles***

## Aquaculture 2001 Program

The Aquaculture 2001 Program Committee met in Rick DeVoe's office on September 16, 2000 for a long, productive session and put together the program for the meeting in January. The program is quite full with a total of 66 scheduled sessions. To fit all of these into the four days of the meeting required twelve (yes 12) concurrent sessions. In addition, the poster session was divided up into eight thematic sections to help everyone find related posters a little easier. Clearly, there will be something for everyone to hear each day. With this many diverse sessions I'm sure you won't have trouble finding talks that are related to your interests. More likely, you will find yourself having to choose which sessions and which talks you want to hear.

Each day there are at least two concurrent sessions devoted to shellfish – one generally to molluscs and one to crustaceans, though some mix the two for good cross pollination. Many of the other more general sessions on topics like policy and regulations, aquaculture engineering, polyculture, economics, education, etc., include papers on shellfish. Even the sessions that don't involve shellfish are spattered with talks that will be of interest for comparative reasons because they concern common issues of culture methods, disease prevention, general biology, etc. So don't discount any session based solely on the session title. Here is a list of the session titles that will most likely be of interest to NSA members:

Bivalves and Environmental Management  
Sustainable Shrimp Aquaculture  
Shellfish Culture Diversification and Disease  
Innovative Approaches - Culture of Crustaceans  
Biochemical-Physiological Approaches to *Perkinsus*  
Farm-Raised Shrimp: Consumer Attitudes  
In vitro Culture Systems for Shellfish Research  
Crawfish and Prawns Contributed  
Gulf Coast Oyster Industry Program  
Genetics Contributed  
Safer Oysters: Research & Marketing  
Sea Urchin Culture  
General Mollusc Contributed  
Crustacean Culture Posters  
Mollusc Culture Posters  
Overview of Chinese Aquaculture  
Symposium - Aquatic Species Culture Since 1857  
Aquaculture Engineering Workshop  
Intensive Aquaculture Technologies  
Polyculture Contributed  
Aquaculture Engineering  
Responsible Marine Aquaculture  
Stock Enhancement  
Environmental Regulation of Aquaculture: Permitting,  
Siting and Operating Standards What's Around the  
Corner

Supporting Aquaculture Development in the U.S. - Critical  
Needs and National Initiatives  
Bridging the Gap: Environmentalists, Producers, Scientists  
Developing Animal Health Programs that Promote and  
Protect Aquaculture  
Integrating Aquaculture into Florida Agricultural Practices  
Aquaculture Employment and Training: What's the  
Relationship?  
Aquaculture BMPs and Codes of Practice  
How to Prepare an Aquaculture Business Plan  
Water Quality & Effluents Contributed  
Start-Up Aquaculture  
Aquatic Nuisance Species: Policies, Progress & Proactive  
Involvement  
The Future for Aquaculture Products in Foodservice  
Progress and Needs for Aquaculture Drug Approvals  
Opportunities for Business Development in Off-Shore  
Aquaculture  
Aquaculture and Drug Resistance  
Legal/Regulatory Aspects - Offshore Aquaculture  
Feeds & Nutrition Contributed  
Int'l. Assn. of Aquaculture Econ. and Mgmt  
Alternative Aquaculture Species  
Research for Sustainable Aquaculture  
Internet and Aquaculture: Sources and Resources  
Aquaculture Education  
FAA Session  
HAACP  
Alternate Careers for Students

Plenty of other activities abound in Walt Disney World and we'll be hosting several ourselves. In particular, don't forget to attend the annual business meeting and the auction to support the Student Endowment Fund.

David Bushek  
Vice President

### Metamorphosis

**Catherine Gatenby** successfully completed her Ph.D. dissertation this past summer. The title of her thesis is "A study of holding conditions, feed ration, and algal foods for the captive care of freshwater mussels". She is currently a postdoctoral research scientist with **Dan Kreeger** at the Academy of Natural Sciences in Philadelphia, where she will be working on defining the role of freshwater mussels in the functional ecology of aquatic systems.

*Editor's Note:*

*The following is the first of two articles submitted by Gef Flimlin to help presenters at Aquaculture 2001 prepare their talks. The second article appears later in this issue of the NSA Newsletter.*

## **Giving a Presentation that People Will Understand and Enjoy**

Although some might come just for the Student Endowment Fund Auction or the Ken Chew Chinese Dinner, the majority of the National Shellfisheries Association members attend the Annual Meeting to give or hear presentations about topics that interest them. Drawing and keeping the interest of the audience during a 20 minute presentation need not feel like an insurmountable task if the presenter understands the parameters of the exercise that he or she is engaged.

The audience is there because they are interested in your topic. The level of interest may vary and the depth of their basic knowledge about the topic may vary significantly. Some people may be extremely well versed in the overlying subject and want to see "what's new", while others may just be coming up to speed on the topic. Try to focus the talk so that each can take something of benefit away with them.

At the beginning, give the audience the basics..... who, what, where, when, why and how. This can be fairly general, but should let the people know exactly what they are in for. These are adults and they don't like to be kept waiting for information. You want to show that your assessment of the situation is accurate and that you can prove it.

Next, prove what you said. A picture is worth a thousand words and people like to see visuals. Pictures or graphics are most appropriate. Data graphs have their limitations, and many people glaze over when too many graphs are shown. Ensure the information is readable for all. Don't say, "I know you can't see this from the back of the room," since the folks in the first row are probably having a hard time too. Give a brief statement of what the data means without giving the history of each number. Offer those who are interested to meet with you later to address any specifics of the work, this will make them happy without losing those in the audience who are not hanging on every word of the presentation for sustenance.

Once you've proved your original premise, tell them why this is so important for them or for the shellfish community. Relate your findings to the current knowledge base. How do these findings help those working with this organism? Are the findings as satisfying as you had hoped? Is this the greatest thing since sliced bread? Make sure the audience is convinced of the efficacy of the work.

As you prepare to close, provide the audience something more to think about. Let them know where the research should go from here. Are we done? Is there more to do? Could the work go a different way or should more investigation be done along the same lines? Are there other pieces of information that are necessary before you can proceed? Are there any folks in the room who might want to collaborate or give constructive feedback?

Lastly, if you have budgeted your time appropriately, there should be time for questions. This is important since the speaker can address items that might be unclear to audience members, or take suggestions that might help in future work. Give the questioner time to fully ask the question. Look directly at them and let them know that you are listening. Restate the question for clarity and for the benefit of others. Answer as best you can without giving a second presentation and allowing time for other questions.

Finish the session by sincerely thanking the audience for their participation and offer to continue the discussion with others wanting more information outside the presentation room.

Gef Flimlin, Marine Extension Agent  
Rutgers Cooperative Extension

## **Scallop Dredge**

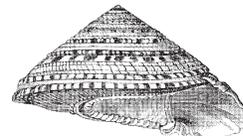
The Marine Science program at Southampton College is in need of a 4-foot scallop dredge. Does anybody have an old one they would consider donating? It's a great tax donation and a chance to help train future baymen. Please contact Sandy Shumway at phone (631) 287-8407.

## **Web Sites of Interest**

Workshop on the Co-ordination of Green Sea Urchin Research in Atlantic Canada: <[crdpm.cus.ca/](http://crdpm.cus.ca/)>

British Columbia Shellfish Growers Information Resource System: <[www.island.net/~bcsga/bcsgirs/main/sgmain.htm](http://www.island.net/~bcsga/bcsgirs/main/sgmain.htm)>

Investigating Long Island Sound Lobster Mortality Events and Shell Disease Syndrome:  
Special Request for Preliminary Proposals:  
<[www.seagrant.sunysb.edu/LILobsters/LobsterRFP.htm](http://www.seagrant.sunysb.edu/LILobsters/LobsterRFP.htm)>



**The National Shellfisheries Association Constitution and Bylaws appear on the following pages.  
Date of most recent Executive Committee approval appears just below the title. The  
Constitution and Bylaws were last printed in the Summer 1999 issue of the National  
Shellfisheries Association Quarterly Newsletter.**

**CONSTITUTION  
of the  
NATIONAL SHELLFISHERIES ASSOCIATION, INC.  
(A Corporation Not for Profit)  
Approved November 13, 1990**

**ARTICLE I. NAME AND ADDRESS**

The organization shall be known as the National Shellfisheries Association, Inc., hereinafter referred to as the Association or NSA.

The official permanent address of the NSA shall be:

National Shellfisheries Association, Inc.  
National Marine Fisheries Service  
Laboratory  
Oxford, MD 21654 USA

**ARTICLE II. OBJECTIVES AND PURPOSES**

The National Shellfisheries Association is organized as a non-profit society. The objectives and the purposes of the Association shall be:

Section 1. To encourage research on molluscs, crustaceans, and associated organisms with emphasis on species of economic importance known as "shellfish".

Section 2. To gather and disseminate scientific and technical information on shellfish.

Section 3. To promote and advance shellfisheries research and the application of results to the shellfish industry.

Section 4. To hold annual meetings for presentation, exchange, and discussion of information on scientific and professional aspects of shellfish research and management.

**ARTICLE III. MEMBERSHIP**

Section 1. Membership in the NSA shall be open to all individuals who actively support the objectives and purposes of the Association.

**ARTICLE IV. TERMS OF EXISTENCE**

Section 1. This corporation is to exist perpetually.

**ARTICLE V. OFFICERS**

Section 1. The officers of the Association shall be a President, a President-Elect, a Vice President, a Secretary, and a Treasurer, elected to perform to usual duties of their respective offices.

Section 2. The signing officers of the Association are the President, the President-Elect, and the Treasurer or their appointees.

Section 3. All officers shall be elected for one year, or until the next regular annual meeting. The President-Elect shall, upon completion of the term, accede to the Presidency. Therefore, elections shall be for President-Elect, Vice President, Secretary and Treasurer. The President Elect will be installed as President at the opening of New Business of each regular annual business meeting. No officers, except for the Secretary and Treasurer, may succeed themselves.

Section 4. Nomination for office shall be made by an Elections Committee appointed by the President. All persons nominated by this committee shall be members in good standing and eligible to hold office in the Association. The Elections Committee shall present the list of consenting nominees to the Secretary, who shall prepare a mail ballot to be sent to the membership at least sixty (60) calendar days prior to the annual meeting. The ballot shall permit write-in votes for each office. Ballots must be returned to the President Elect fourteen (14) calendar days before the annual meeting, and they shall be audited as the Executive Committee directs.

Section 5. A simple majority of the votes received by the President-Elect fourteen (14) days prior to the annual meeting of the Association shall be necessary for the election of officers and the members of the Executive Committee. Elected officers other than the President-Elect take office at the end of each annual business meeting.

Section 6. In the event that any officer other than the President-Elect resigns or otherwise leaves a position vacant, the Executive Committee shall, by a simple majority vote of committee members present at a properly constituted meeting, at which business may be conducted, appoint a replacement to fill the remainder of the term. Any vacancy in the office of the President-Elect must be filled through membership ballot.

Section 7. No elected officer may receive any compensation for services rendered. Certain travel expenses may be defrayed when authorized by the President with the concurrence of the Treasurer. Clerical and other operational funds may be paid by the Treasurer when so authorized by the President.

**ARTICLE VI. EXECUTIVE COMMITTEE**

Section 1. The Executive Committee shall consist of the elected officers, the immediate past-President, the Chairperson of the Pacific Coast Section, the Editor of the Journal of Shellfish Research (JSR), formerly known as Proceedings, and three (3) persons elected by the Association to serve as Members-at-Large for a term of three (3) years or until their successors are elected. Each Member-at-Large shall not

be eligible for re-election to the same office within a period of three (3) years after their term of office has expired.

Section 2. The Executive Committee shall manage the business and the affairs of the Association, subject to the provisions of the Constitution and By-Laws. A quorum of the Executive Committee consists of a simple majority of its members. A properly constituted meeting of the committee is any meeting in which all of the members have been notified in advance and of which a simple majority of all members have agreed to the meeting. All decisions of the Executive Committee shall be by a simple majority vote of the quorum.

Section 3. At each Executive Committee meeting prior to the annual meeting the President-Elect with coordination of the Treasurer shall submit for Executive Committee approval a proposed budget for the ensuing calendar year.

Section 4. The Executive Committee shall approve budgets, approve appointments, present proposals, and describe other activities that may require discussion and approval by the membership. The Secretary or a duly appointed member of the Association shall keep minutes of Committee meetings and deposit copies with the Secretary. Minutes shall be open to members or sent to them.

#### **ARTICLE VII. BYLAWS**

Section 1. The structure and function of the National Shellfisheries Association within the context of the Constitution shall be described in the Bylaws. The Executive Committee of the Association may provide such Bylaws for the conduct of its business and the carrying out of its purpose as they may deem necessary from time to time. The Bylaws can be amended by a two-thirds (2/3) majority of the Executive Committee.

#### **ARTICLE VIII. AMENDMENTS**

Section 1. The Constitution, after adoption by a 2/3 majority of the voting membership, shall supersede all existing Constitutions and Bylaws, and will take effect immediately.

Section 2. The Constitution may be altered or amended on recommendation of the Executive Committee, by a 2/3 majority of the voting membership, by a mail ballot, provided the membership shall receive written notice of such amendments at least sixty (60) calendar days prior to the deadline for voting. Ballots shall be collected and counted by the Secretary and validated by the President within twenty (20) calendar days after the voting deadline.

#### **ARTICLE IX. ACQUISITIONS**

Section 1. In order to promote the purposes of this corporation, it may acquire property by grant, gift, purchase, devise or bequest, and hold and dispose of such property as the Association shall require for the benefit of its members and not pecuniary profit.

#### **ARTICLE X. DISTRIBUTION OF ASSETS**

Section 1. In the event of dissolution, any assets of the National Shellfisheries Association shall be distributed to a non-profit fund, foundation or corporate organization operated exclusively for the purpose as specified in Section 501 (C) (3) of the United States Internal Revenue Code. The fund, foundation, or corporate organization to which the National Shellfisheries Association assets will be distributed shall be selected by the National Shellfisheries Association Executive Committee at its last meeting.

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**BYLAWS**  
**of the**  
**NATIONAL SHELLFISHERIES ASSOCIATION, INC.**  
**(A Corporation Not for Profit)**  
**June 23, 1991**

#### **BYLAW I NAME AND PURPOSE**

Section 1.

The name of the organization shall be the National Shellfisheries Association, as described in the Constitution.

Section 2.

The purpose and activities of this Association shall be as described in the Constitution.

#### **BYLAW II MEMBERSHIP AND DUES**

Section 1.

Any individual or institution that qualifies for membership under the Constitution and Bylaws may become a member in good standing of the Association by having a genuine interest in the purposes of the Association, by paying the appropriate dues, and by adhering to the rules and regulations laid down in the various sections and subsections of the Constitution and Bylaws.

Section 2.

Dues, payable in U.S. dollars on or before January 1 of each calendar year, may be changed as necessary by a vote of the Executive Committee present at the annual meeting.

(a) Any member whose dues are in arrears for a period of more than one (1) year, and after two (2) written notices from the Secretary, shall be dropped from the membership within thirty (30) days after the second notice.

(b) *The Journal of Shellfish Research* shall not be distributed to members who have been dropped for non-payment of dues.

(c) Any person, firm, society, club, or state or federal agency, on approval of the Executive Committee and by payment of a sum to be established annually by the Executive Committee, may become a Patron of the Association. Patrons are entitled to six (6) copies of the *Journal of Shellfish Research*. Corporations, agencies and commercial companies may not use membership in the Association as a substitute for their duties and obligations to the Shellfish Institute of North America.

(d) Libraries and agencies not desiring to become Patrons may subscribe to the *Journal of Shellfish Research* and purchase copies for a subscription cost to be established by the Executive Committee.

(e) Any person, upon the recommendation of the Awards Committee, may be made an Honorary Member with all the privileges of a Member, by a simple majority vote of the Executive Committee contacted by telephone or mail before the Association annual meeting, and shall be exempt from payment of dues.

### BYLAWS III MEETINGS, VOTINGS

#### Section 1.

The annual meeting of the membership shall be held at the time and place set by the Executive Committee. The Secretary shall serve by mail a written notice thereof, not less than sixty (60) calendar days prior to such meeting, to each member at their address as it appears on the records of the Association. The newsletter may serve as the written notice. There is no quorum requirement for the annual meeting.

#### Section 2.

In all matters of business on which the membership is entitled to vote, all members shall be eligible to cast one vote.

#### Section 3.

The annual meetings of the Association shall consist of a program of papers, discussions, symposia, demonstrations and other activities.

#### Section 4.

The business meeting shall include, but not be limited to, the following:

- (a) Report of the President
- (b) Reports of the Secretary and Treasurer
- (c) Reports of Committees (Audit-Budget-Finance, Membership, Resolution, etc.)
- (d) Report of the Editor of the *Journal of Shellfish Research*
- (e) Announcements of changes in editorship, editorial board, page charges, and page or budget limitations with respect to the *Journal of Shellfish Research*
- (f) Old and new business
- (g) Installation of officers
- (h) Appointment of new committees and associate editors

### BYLAW IV DUTIES OF OFFICERS

#### Section 1.

The President is responsible for the conduct of business and the organization of the Association. This individual shall preside over all annual and special meetings, shall make such appointments as are authorized in the Bylaws, and shall exercise such other functions and responsibilities as may be determined from time to time by action of the Association or the Executive Committee of which she or he is chair. The President is authorized to, from time to time, appoint ad hoc committees from the membership of the Association to perform various duties as in the discretion of the President may seem appropriate. The President shall also serve as ex-officio member of all committees.

#### Section 2.

The President-Elect shall, at the end of the term, accede to the Presidency. During this term as President-Elect, he or she shall perform the duties of the President in the absence of the President. The President-Elect shall serve as chair of the Site Selection Committee and appoint the members of the Arrangements Committee for the annual meeting at which she or he will serve as President.

#### Section 3.

The Vice President shall act in the capacity of President-Elect in the former's absence, or, in the absence of both the President and the President-Elect, shall perform the duties of the President until a new President-Elect has been elected. The Vice President shall serve as chair of the Program Committee and shall appoint other committee members.

#### Section 4.

The Secretary shall be responsible for distributing ballots and the minutes of Association meeting and meetings of the Executive Committee, for maintaining an updated record of policy and operational actions decided by both groups, for maintaining contact with institutional subscribers of the journal, and for preparing the annual report for the Executive Committee meeting.

#### Section 5.

The Treasurer shall be responsible for maintaining or overseeing the maintenance of membership and mailing lists. The Treasurer shall ensure that documented accounts of all transactions are maintained, that accepted bookkeeping and accounting practices are followed, and that the Association's financial resources are managed according to procedures adopted by the Executive Committee. The Treasurer shall, at the annual meeting, present a draft budget for the next fiscal year, and shall submit a detailed financial report audited in such a manner as shall be specified by the Executive Committee.

#### Section 6.

No officer of the Association or member of the Executive Committee shall be answerable for any act, receipt, neglect, or default of any other officer or Executive Committee member. No officer or Executive Committee member shall be liable individually or collectively for any judgement or for any act done or step taken or omitted under the advice of counsel, nor for any mistake or fact or law nor for anything which they may do or refrain from doing in good faith.

### BYLAW V PUBLICATIONS

#### Section 1.

The Association shall publish semiannually the *Journal of Shellfish Research* to include scientific and applied papers which satisfy the requirements of the Editorial Board. Papers may be submitted at any time. Accepted manuscripts will be published in the earliest convenient *Journal of Shellfish Research*. Authors shall be notified of the current page charge for publication when a receipt of a manuscript is acknowledged. Rates including Life Membership rates shall be reviewed annually by the Publications Committee and the Editor. The

Executive Committee shall vote to approve or disapprove these rates and the rates shall be published in the Newsletter.

Section 2.

The Editor and six (6) or more Associate Editors shall be nominated by the Publications Committee and selected by the Executive Committee for determinate periods to serve on the Editorial Board.

Section 3.

Special publications, symposia, and other reports may be issued as determined by vote of the Executive Committee.

**BYLAW VI STANDING COMMITTEES**

Section 1.

The President, with the approval of the Executive Committee, shall appoint the following committees, of at least two (2) members each, to serve for a term of one (1) year unless otherwise specified, or at the discretion of the Executive Committee.

(a) An Audit-Budget-Finance Committee to manage the financial affairs of the Association and to examine the financial report of the Treasurer before its presentation to the Association for approval.

(b) An Awards Committee to review and nominate members who, by their exemplary service to the Association or to the profession, deserve recognition as Honorary Member of the Association. These nominations are to be presented to the Executive Committee prior to the annual meeting. The Committee shall also review and nominate individuals for the Wallace Award, which will be awarded by simple majority vote of the Executive Committee before the annual meeting.

The Awards Committee is responsible for preparing a nomination package. The nomination package shall consist, at a minimum, of:

1. The identity of the nominee
2. A written biography suitable for publishing in the society journal.

If the Executive Committee agrees to the selection, the Awards Committee shall be:

1. In charge of the presentation ceremony
2. In charge of, with consultation of the Treasurer, obtaining a suitable plaque or award for the awardee
3. In charge of ensuring that the biography is published in the society journal.

For the Wallace Award the Awards Committee should select individuals whose actions most demonstrate the principles and actions concerned with programs in shellfisheries, aquaculture, and conservation as exemplified by Mr. David Wallace during his lifetime in promoting understanding, knowledge, and cooperation among industry members, the academic community, and all levels of government (states, national, and international), an who has had outstanding success in bringing together shellfish scientists and industry officials for the benefit of shellfisheries. The award is not linked to NSA membership.

The Committee is responsible for preparing a nomination package. The nomination package shall consist, at a minimum, of:

1. The identity of the nominee
2. A written statement concerning the general contributions of the individual

If the Executive Committee agrees to the selection, the subcommittee shall be:

1. In charge of the presentation ceremony
2. In charge of, with consultation of the Treasurer, obtaining a suitable plaque or award for the awardee
3. In charge of preparing and submitting the award statement to the society newsletter for publication

(c) A Membership Committee to ensure that all people actively interested in the objectives of the Association are invited to become members.

(d) An Election Committee composed of the immediate Past President, the current President, and the President-Elect, to submit a list of nominees for all offices and members-at-large whose terms are expiring, with a short vitae of each to the Executive Committee six (6) months prior to the annual meeting. Upon selection by the Executive Committee, the candidates will be presented to the membership by special mail ballot within sixty (60) calendar days prior to the annual meeting. The ballots will be returned to the President-Elect who will be responsible for collecting and collating the votes and reporting the results to the Executive Committee. The candidates will be notified of the election results at least one week prior to the annual meeting. The Executive Committee will validate the election at their annual meeting.

(e) A Publications Committee to manage the publishing affairs of the Association. The Treasurer and/or the Journal Business Manager and the Editor of the *Journal of Shellfish Research* shall be a member of the Committee.

(f) A Resolutions Committee to draft and recommend resolutions considered prudent and necessary for the promotion of the objectives and purposes of the Association.

(g) A President's Committee consisting of all Past Presidents of the Association to assist the Executive Committee in broad policy matters and special issues. This committee shall be chaired by the immediate Past President.

Section 2.

The President-Elect, with the approval of the Executive Committee, shall appoint the following committees, of at least two (2) members each, to serve for a term of one (1) year unless otherwise specified, or at the discretion of the Executive Committee.

(a) An Arrangements Committee to arrange for programs at the annual meeting for which the President-Elect will serve as President. This committee will be chaired by the President-Elect.

(b) A Site Selection Committee composed of the current President, the President-Elect, the Vice President, and one or more other members selected by the President, if desirable, to select the location of the annual conference for the next conference for which a location has not been chosen. The President-Elect will serve as chair and will appoint an on-site Registration Coordinator to schedule and perform registration duties (in conjunction with the Treasurer) during the annual meeting at which the President-Elect will take office. Normally this committee will secure sites for meetings at least two years in advance.

(c) An Endowment Committee to examine student abstracts and applications for support to present papers at the next Annual Meeting. The committee will include the Treasurer who will report on the availability of funds. The committee will make recommendations to the Executive Committee for the awards. The committee will also be responsible for organizing the review of all qualified student presentations for the Thurlow C. Nelson Award at the annual meeting.

Section 3.

The Vice-President, with the approval of the Executive Committee, shall appoint the following committees, of at least two (2) members each, to serve for a term of one (1) year unless otherwise specified, or at the discretion of the Executive Committee.

(a) A Program Committee to arrange for programs at the upcoming annual meeting. This committee will be chaired by the Vice President.

Section 4.

All Standing Committees will conduct business based on voting by a simple majority of the members present at their meetings.

**BYLAW VII MEMBERSHIP LIST**

Section 1.

The official membership list of the Association shall be distributed to all members as frequently as necessary at the discretion of the Executive Committee.

**BYLAW VIII RESOLUTIONS**

Section 1.

The Association may express opinions and recommendations by resolution(s) or other appropriate action(s), except on specific numbered bills of federal or state legislatures.

**BYLAW IX AMENDMENTS**

Section 1.

These Bylaws may be amended, altered or rescinded by a two-thirds (2/3) majority vote of those members of the Executive Committee present at any scheduled meeting of the Executive Committee for which proper notice has been given. The Secretary shall ensure that all such changes to the Bylaws are communicated to the membership at the earliest opportunity. Changes to the Bylaws may be made by teleconference provided a duly constituted meeting has been called and appropriate notification has been given to all members of the Executive Committee.

Section 2.

A petition for change in the Bylaws can be submitted to the Executive Committee by ten percent (10%) of the membership. The Executive Committee shall review the recommended changes and offer them, with recommendations, to the membership for majority vote.

**BYLAW X REGIONAL SECTIONS OF THE ASSOCIATION**

Section 1.

The Pacific Coast Section (PCS) of the Association is authorized to elect its own officers and hold meetings at times and places selected by its members. Local dues will be assessed. All members of the Association are invited to attend PCS meetings.

Section 2.

The purpose of the Pacific Coast Section shall be to further the aims and interests of the Association on the Pacific Coast. The PCS shall operate under a constitution and bylaws established by its members insofar as they are not inconsistent with the constitution and bylaws of the parent Association.

**BYLAW XI MISCELLANEOUS**

Section 1.

No member, committee chair, Executive Committee member or Office of this Association shall use the seal, logo or name of the Association to endorse, condemn or express an evaluation of any product or service of any firm or individual.

Section 2.

No part of the financial resources of this Association may be used to defray the travel expense of any officer or member where the purpose of such travel is to influence or intervene in the internal legislation of any country.

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***Visit the NSA Web Site for the latest updates***

**<http://www.shellfish.org>**

## Presentations from the Audience's Point of View

These ideas have been realized after hearing numerous scientific presentations and actually enjoying some.

Smile. "You look mahvelous!!!"

Enjoy yourself and try to feel comfortable, you won't be banished to Bogie Land if you make a mistake. You know much more about this specific subject than 99% of the people in the audience.

Look professional, you can change back into your jeans and T-shirt after your session is over.

Add some enthusiasm and inflection when you speak. Monotones will kill an audience faster than arsenic. The audience can't be interested if you don't sound interested.

Talk to the audience. Don't face the projection screen. The screen doesn't care and you already know the information. The audience wants to look at your face, not your back.

If the setting, microphone, slide projector and remote control allow it, feel free to let go of your death grip on the podium and move around. Brief forays are acceptable and help to give animation to a subject that might be dry. The audience is interested in you, as well as the topic.

Limit the slides in the presentation. Too much information can be confusing or boring. Some think that one slide per minute is appropriate, but you may need to show more. If so, keep the presentation flowing and don't get stuck on one small point that may be lost on 95% of the audience.

We understand that you did all this work, and "by golly everyone is going to see every piece of data", but don't overdo it.

Don't read every word on every text slide, we are old enough to read it ourselves and have already read the entire slide by the time you are off the first line. Instead, paraphrase and make reference to the information on the screen.

Make slides that everyone in the room can read. Don't put too much information on one slide. Simplicity is important. Remember, the old folks can't switch glasses that fast to see the fine print.

Limit the number of statistical analyses slides. We take your word for it. And if someone really wants to see that information, you can offer to send it.

If you want to use a laser pointer to identify something on a

slide, fine. Refrain from constantly waving it around like a Jedi Knight Light Sword covering the screen with images like Microsoft screen-savers.

Practice the presentation before you get to the conference so that you feel in control of it and its length. Don't run over your allotted time.

React to those asking questions; look at the questioner and allow them to finish before responding. Rephrase the question so that you and the rest of the audience, who may not have heard it completely, fully understand it.

Answer the question as well as you can. If you don't know the answer, say so, but offer to look for it if the questioner wants. Allow others in the room to chime in if they have any thoughts.

Make this a positive experience for you and the audience. Think of it like a conversation where you have something really great to tell everyone. Be comfortable with the audience, they will not decide the course of your life hereafter, they are only there to listen to what you have to say, and they want to see you do a good job, because that makes it more enjoyable and educational for them.

Thank the audience for being interested in your subject enough to participate in this two-way learning experience, and mean it.

Smile! I'll be watching!

Gef Flimlin, Marine Extension Agent  
Rutgers Cooperative Extension

## **AUCTION**

**Spring cleaning? Unwanted Christmas presents? It's time to contribute to the next ANNUAL AUDACIOUS ACTION-PACKED AUCTION to benefit the STUDENT ENDOWMENT FUND.**

**Donations of just about any new or used shellfish-related items will be accepted. These include, but are not limited to: books & other publications (historically important reprints), home brews and vintages, jewelry, artwork, and, of course, t-shirts and other articles of clothing. Please bring items with you to the Aquaculture '01 meeting in Orlando, Florida.**



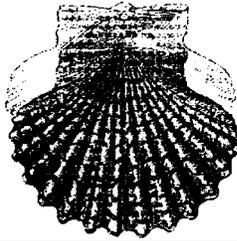
## From the Newsletter Editor...

Thanks to Gef Flimlin for his two contributions on improving presentations for the our upcoming annual meeting - "Aquaculture 2001" in Coronado Springs, FL. Any NSA member wishing to submit a general article of interest to members, please contact me at the address on the back page.

Don't forget to vote! You should receive your ballot very soon.

Finally, the annual auction will be coming up soon at the Aquaculture 2001 meeting. Remember all proceeds go towards a good cause - the SEF!

Jay Parsons



### Aquaculture 2001 Auction

#### **For the benefit of the STUDENT ENDOWMENT FUND**

**The aquaculture '01 meeting will be a large event so please start collecting any new or used shellfish-related items. These include, but are not limited to: books & other publications (historically important reprints), home brews and vintages, jewelry, artwork, and, of course, t-shirts and other articles of clothing.**

**Please bring items with you to the Aquaculture '01 meeting in Orlando, Florida or send to Sandy Shumway at the address on the back page.**

Recruited by? \_\_\_\_\_

#### ***How to Join the National Shellfisheries Association***

Fill out and mail a copy of the application blank below. The dues are US \$65.00 per year (\$35.00 for students) which may be paid by credit card, check, or money order. Membership entitles you to receive *The Journal of Shellfish Research* and the *Quarterly Newsletter*!

#### **NATIONAL SHELLFISHERIES ASSOCIATION - APPLICATION FOR MEMBERSHIP (NEW MEMBERS ONLY)**

Name: \_\_\_\_\_ For Calendar Year: \_\_\_\_\_ Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Institutional Affiliation, if any: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Shellfisheries interests: \_\_\_\_\_  
\_\_\_\_\_

Regular or Student membership? \_\_\_\_\_

Student members only - Advisor's signature **REQUIRED**

\_\_\_\_\_

If paying by credit card: Type of card: VISA MASTERCARD (circle one)

Name on card: \_\_\_\_\_ Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Number: \_\_\_\_\_

Make checks (MUST be drawn on a US bank) or international postal money order for \$65.00 (\$35.00 for students with advisor's signature) payable to the National Shellfisheries Association and send to Ms. Nancy C. Lewis, NSA Bookkeeper, P.O. Box 350, VIMS Eastern Shore Lab, Wachapreague, VA 23480 USA.

## Upcoming Meetings

**Molluscs 2000:** December 4-8, 2000, The University of Sydney, NSW, Australia. The conference is the second 3-yearly conference to be held by The Malacological Society of Australasia, aimed at bringing together people working on molluscs in the Indo-Pacific and Australasian regions. For more information contact Dr Winston Ponder phone 61 2 9320 6120, fax 61 2 93206050, or web site [www.austmus.gov.au/science/division/invert/mal/malsoc/confer3.htm](http://www.austmus.gov.au/science/division/invert/mal/malsoc/confer3.htm).

**Aquaculture 2001:** January 21-25, 2001, Coronado Springs Resort, Disney World, Lake Buena Vista (near Orlando), Florida. Triennial meeting of the **National Shellfisheries Association**, World Aquaculture Society and the American Fisheries Society - Fish Culture Section. For more information visit [www.was.org](http://www.was.org), or Director of Conferences and Sales: John Cooksey, voice +1-760-432-4270, fax +1-760-432-4275 or email [worldaqua@aol.com](mailto:worldaqua@aol.com).

**21st Milford Aquaculture Seminar:** February 26-28, 2001, Quality Inn Conference Center, 100 Pond Lily Avenue, New Haven, CT 06525 (Phone: 203-387-6651). Call for Abstracts deadline due date: January 5, 2001. Aquaculturists and researchers with a professional interest in the culture of shellfish or finfish are invited to submit abstracts for both oral and poster presentations. Abstracts should include the title, names and affiliations of authors and a complete address. There must be a clear statement of work, methods employed, results and conclusions. Abstracts should not exceed one page in length (single spaced) and should be submitted no later than January 5, 2001 to Walter Blogoslawski, NMFS, Milford Laboratory, 212 Rogers Ave., Milford, CT 06460, in hard copy and on IBM compatible diskette in WordPerfect 5.0, 5.1, 6.0 or 8.0 or Microsoft Word and the diskette labeled with the format used. Hard copy may also be faxed to Walter Blogoslawski at (203) 579-7070 or e-mailed to [walter.blogoslawski@noaa.gov](mailto:walter.blogoslawski@noaa.gov) for inclusion in the final printed program. All accepted abstracts will be reviewed and edited for publication in the Journal of Shellfish Research, June-July 2001 issue.

**13th International Pectinid Workshop:** April 18-24, 2001, Coquimbo, Chile. Deadline for submission of abstracts is November 1, 2000. For information contact the local organizing committee, IPW, Universidad Catolica del Norte, Facultad de Ciencias del Mar, Casilla: 117, Coquimbo, Chile. Fax (56) 51-209782 or email [pectinid2001@nevados.ucn.cl](mailto:pectinid2001@nevados.ucn.cl).

**Aquaculture Canada '01:** May 6-9, 2001, Westin Nova Scotian in Halifax, NS, Canada. The theme for the 18th annual meeting of the Aquaculture Association of Canada will be "Moving Forward Through Partnerships". For more information contact Linda Hiemstra at email [hiemstra@mala.bc.ca](mailto:hiemstra@mala.bc.ca) or visit [www.mi.mun.ca/mi/aac](http://www.mi.mun.ca/mi/aac).

**International Commemorative Symposium 70<sup>th</sup> Anniversary of the Japanese Society of Fisheries Science:** October 1-5, 2001, Pacifico Convention Plaza Yokohama, Yokohama, Japan. The symposium will consist of plenary sessions including keynote addresses, oral presentations, poster sessions and workshops on fisheries biology, environment and conservation, aquaculture, and others. The deadline for abstract submission is September 30, 2000. For more information contact web page [www.symp70yr.or.jp](http://www.symp70yr.or.jp) or secretariat Dr. Toshiaki Ohshima, Tokyo University of Fisheries, Konan 4-5-7, Minato, Tokyo 108-8477, Japan, phone +81-3-5463-0613, fax +81-3-5463-0627, or email [symp70yr@tokyo-u-fish.ac.jp](mailto:symp70yr@tokyo-u-fish.ac.jp).

### 21st Milford Aquaculture Seminar

February 26-28, 2001

Quality Inn Conference Center  
100 Pond Lily Avenue, New Haven, CT

Call for Abstracts  
Due Date: January 5, 2001

For information contact:

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Milford, CT 06460 Fax (203) 579-7070; email  
[walter.blogoslawski@noaa.gov](mailto:walter.blogoslawski@noaa.gov)

If you know of any meetings, conferences or workshops that might be of interest to NSA members, please contact Jay Parsons at email: [Jay.Parsons@mi.mun.ca](mailto:Jay.Parsons@mi.mun.ca), phone (709)778-0307 or fax (709) 778-0535.

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