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Visit the Chapter Website

<http://www.vims.edu/adv/afs/>

2001 Tidewater AFS EXCOM

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President's Message

Jim Uphoff is recovering from surgery last week and was released from the hospital Friday, July 13. He will be taking it easy at home for a few weeks. Cards may be sent to his home: Jim Uphoff, 310 S. Hanson St., Easton, MD 21601.

Treasurer's Report

Secretary/Treasurer's Report, July 16, 2001

Savings Account:

End of June Balance: \$1,999.27

Checking Account:

End of June Balance: \$3,174.97

Treasurer's Note:

I am pleased to announce that the Chapter's Annual Meeting held in Easton in March resulted in a net profit of \$1,667.73! The Tidewater Chapter would like to thank the Maryland Department of Natural Resources, the University of Maryland Center for Estuarine Studies, the Virginia Institute of Marine Sciences, the Mid-Atlantic Chapter – AFS, East Carolina University, Virginia Commonwealth University, and all the other state agencies, academic institutions, and individuals who contributed to the success of the meeting. A summary of costs and revenues can be found below. This windfall leaves the Chapter in a very strong position to help with the upcoming National AFS meeting in Baltimore in 2002!

2001 Annual Meeting Costs/Revenues:

Revenues:	\$4,360.00
Expenses:	\$2,692.27
Net Profits:	\$1,667.73

-- Bill Rodney

Update on the Parent Society 2002 Meeting, Baltimore

Planning for the Baltimore 2002 AFS Annual Meeting continues to move ahead. A couple of noteworthy accomplishments so far.... Native Maryland artist Chris White completed original artwork for the meeting poster. Chris has won several national wildlife art and state (including Maryland) stamp competitions, and donated his time and materials to produce this painting, fitting us into his busy schedule to meet our deadline. Stop by and meet Chris at the Trade Show in Baltimore; he will have a booth and will be signing meeting posters (on sale at the 2002 meeting). The artwork combines the Baltimore Inner Harbor waterfront (background) with a wonderful depiction of feeding stripers tearing through a school of menhaden. Also included in the painting are blue crabs, an oyster reef, SAV, and white perch. Check the first call for papers in September's Fisheries magazine to get a look at the poster.... Kudos to **Ron Klauda** and **Lamar Platt** (MD DNR) for putting together the AFS 2002 meeting logo and the Tidewater Chapter logos under a tight deadline, and to **Lee Benaka** (Potomac Chapter) for coming through with the Potomac Chapter logo.... Welcome to **Mike Luisi** (MD DNR) who has been officially appointed as chair of the Student Coordinator subcommittee for the 2002 meeting.... Coming in the next newsletter meeting update, planned symposia topics, student help information, and whether the Orioles and Ravens will be in town during the meeting dates!

The Proposed Calendar for future AFS 2002 Planning Meetings is –

2001 --	2002 --	
Aug 2	Feb 7	Jun 6
Oct 4	Mar 7	Jul 11
Dec 6	Apr 4	Aug 1
	May 2	

Please volunteer to help with this important event. Contact George Sackett, General Chair, at gsackett@dnr.state.md.us.

-- Alan Heft (MD DNR, Freshwater Fisheries)

Feedback on T-shirt Sales

The Tidewater Chapter has been given the opportunity to sell the Baltimore T-shirts at the 2002 meeting, and the EXCOM has to make a decision as to whether to accept this responsibility. The Chapter keeps the proceeds, but it will require considerable effort by the membership in coming up with a great design, finding the up-front money to pay for the printing, and then "manning" (politically incorrect term) the T-shirt sales booth during the meeting. Ron Klauda has taken the lead on this initiative, but **he and EXCOM need your feedback about this important decision.** Please respond to Ron about these specific questions:

- a) Should the TWC handle sales of the official meeting t-shirt for AFS 2002?
- b) If yes, do you have any suggestions about the kind of design that you think would sell well?
- c) Will you volunteer to head-up the team that handles t-shirt design/sales?
- d) Will you participate on the t-shirt design/sales team and help man the booth at AFS 2002?

Please email your comments to RKLAUDA@dnr.state.md.us. Comments must be returned to Ron no later than the third week in August. (Just copy the address above and paste it as the address in an email. It will only take a minute. Thanks from Ron and EXCOM).

News from Student Subunits

Maryland – (<http://tortoise.hpl.umces.edu/~AFSST/>).

Although Anthony Overton (President) had "nothing to report," he has been preoccupied by the birth of a son, Zachary Austin, born June 7th. Congratulations to Anthony and Lisa!



Also, Bill Rodney has joined the ranks of fellow graduate students in Maryland. His new address is: Bill Rodney, 3156 Arundel on the Bay Rd., Annapolis, MD 21403.

East Carolina University – (<http://www.ecu.edu/org/afs>)

Three of our graduate students have completed their research and are off to greener pastures. **Lauren Bergey** finished in December 2000, and has entered Rutgers to study with Dr. Judith Weiss. Bergey's thesis title was, "Variability of striped bass egg characteristics in populations along the eastern seaboard: implications for aquaculture and enhancement." **Paula May** graduated in June 2001; her thesis title was, "Genetic and morphological characterization of striped bass collected from the Roanoke River, North Carolina during the 1999 spawning season." **James Morris** finished in July 2001 and will start a job with the NMFS Beaufort Laboratory at the end of July. James's thesis title was, "Investigation of genetics, demographics, and life history strategies of striped bass using otolith microchemistry." The graduate committee chair for all three students was Dr. Rulifson. Thesis abstracts can be found at <http://www.ecu.edu/org/afs/memberresearch.html>.

Fall activities will begin with our annual participation in Big Sweep to clean part of the Tar River watershed located on the ECU campus.

-- Charlton Godwin (Subunit President)

News from Maryland

STRIPED BASS PROJECT -- Striped bass stock assessment (SBSA) personnel completed Spring 2001 spawning stock survey activities during the month of May. Standardized experimental drift gill net sampling was conducted on the Potomac River and the Upper Chesapeake Bay spawning areas. A total of 1,839 striped bass were sampled with 1312 striped bass tagged by SBSA personnel to supplement U.S. Fish and Wildlife Service tagging efforts. Approximately 248 (13.5%) striped bass sampled were female.

SBSA staff also examined striped bass sampled on the spawning grounds for bacterially related external lesions. During Spring, 2001 sampling, approximately 1.9% of the striped bass sampled exhibited bacterially related lesions.

SBSA personnel continue the intensive Baywide tagging study conducted concurrently with the 2001 recreational fishery. Approximately 930 striped bass have been tagged to date in the main Chesapeake Bay and the Potomac River using commercial pound nets. The study, conducted throughout the course of the season, will provide fishery-specific mortality estimates for

Chesapeake Bay. SBSA staff also examined striped bass sampled from the pound nets for bacterially related external lesions. During May sampling, approximately 7.6% of the striped bass sampled exhibited some visible form of dermal anomalies. SBSA staff will also continue fishery-dependent commercial pound net and hook and line fishery monitoring in concert with this specialized tagging survey.

MULTIFISH SURVEY -- Bycatch and Indirect Loss Quantification captured large, migratory striped bass from the Choptank River and transported them to the Cooperative Oxford Lab. These fish will be used to test several methods of tag attachment using inert replicas of satellite telemetry tags. This is in anticipation of fitting several migratory fish with live telemetry tags to track daily migratory patterns for a 4-6 month period after they leave the Bay. This will be a cooperative endeavor with Marine Ventures Foundation, a private group interested in funding fishery research.

Multifish Survey continued Upper Chesapeake Bay American shad population characterization in tailrace and pound nets located in the Susquehanna Flats. Multifish personnel followed up spring fyke net sampling in the Severn River by fry seining and determined that there was successful reproduction of white perch and yellow perch.

SHELLFISH DIVISION -- Staff responded to the public and other agencies on issues relating to the Shell Dredging permit application for certain areas in Maryland's portion of the Chesapeake Bay. The Board of Public Works approved the permit at a recent meeting, so now we are only waiting for approval from the Army Corps of Engineers. Shell dredging is scheduled to start in early summer. Shellfish staff have been working with ORP, MWA and the ORT Scientific technical committee to plan the 2001 Army Corps of Engineers oyster project.

The process for creating nine new oyster sanctuaries has begun. The public notices have been drafted and Shellfish will be working with Fisheries Legislation and Regs to advertise the closures and host the public hearings. The goal is to have all nine of our proposed sanctuaries closed by the end of the summer.

Staff participated in a cooperative RAS/TEA sponsored synoptic mapping effort of macroalgae in the coastal bays, contributing two boats and crews for the field survey as well as input during the preliminary planning stage and development of sampling protocols. Staff also conducted several oyster bar surveys related to Shellfish Program restoration initiatives.

Shellfish Monitoring is sponsoring a graduate student at George Mason U. by providing benthic samples from the

coastal bays. This work will provide valuable information on the non-molluscan invertebrates of this region, which have been sporadically studied to date. Previously, only the molluscan component had been processed from these samples, which were collected for a hard clam young-of-the-year survey.

FISH AND WILDLIFE HEALTH PROGRAM (FWHP) - COOPERATIVE OXFORD LABORATORY -- Marine Mammal and Sea Turtle Stranding Network personnel at the Cooperative Oxford Lab responded to a stranded dolphin and a stranded baleen whale in May. The dolphin was sighted off of Hooper's Island and the whale off of Ocean City.

OTHER MARYLAND NEWS

Shad Resurgence: Although runs on most bay rivers remain down, conservation efforts have helped the fish come back in the upper Bay area.

--From article by Tom Horton Baltimore Sun Staff Originally published May 25, 2001.

Leon Senft has been angling for American shad in the Susquehanna River for almost 50 years, long enough to remember the good old days before huge declines in springtime spawning runs led Maryland to close the season in 1980. But the York, Pa., fisherman says, "I never caught so many as in the last few years." He and other old-timers in his Susquehanna Shad Club, who record every shad they catch for Maryland biologists, are a testament to a remarkable resurgence of upper bay shad in the past few years. It's the payoff from more than a decade of stocking the Susquehanna with millions of baby shad from hatcheries and building nearly \$60 million worth of fish passages over hydroelectric dams blocking the river at Conowingo in Maryland and in Holtwood, Safe Harbor and York Haven in Pennsylvania. It is now possible for spawning shad to run, for the first time in a century or more, all the way to Binghamton, N.Y., about 440 miles above Havre de Grace, which is at the Susquehanna's mouth. In the spring of last year, a record 164,000 American shad returned from the ocean to the base of Conowingo Dam, where two lifts transport the fish over the 104-foot high structure to continue upriver. That was a leap from about 100,000 fish in 1999. This spring "has just been phenomenal," said Dale Weinrich, a fisheries biologist with the Maryland Department of Natural Resources. When interviewed in mid-May, more than 185,000 shad had been passed over Conowingo Dam. The spawning run was tailing off, but he expected to pass about 200,000 shad upriver before it ended.

Other factors were equally encouraging. A fish trap on the Susquehanna Flats used by the state to monitor shad was catching 40 a day during spring 2001, up from

10 a day in previous years. Another survey that nets recently hatched shad in the upper bay each year is indicating levels of reproduction not seen since the late 1950s. Moreover, the bulk of the young fish are not the specially marked ones released from hatcheries. This means natural reproduction is taking over.

When Weinrich began working with Chesapeake shad in 1979, Maryland was preparing to close its season for the first time. Catches of American shad had fallen from nearly 8 million pounds in the 1880s to tens of thousands of pounds, the result of dams, pollution and decades of intense fishing pressure. In 1980, there were no more than 5,000 or 6,000 American shad left in the upper bay, biologists estimated. Weinrich estimates that the population there last year was more than 1 million. Even with the big improvement, it is still a long way to full restoration of shad to the Susquehanna, said Richard St. Pierre, a federal fisheries biologist in charge of the effort. St. Pierre, speaking at a conference in Baltimore this week on the status of shad worldwide, said the long-term goal is to pass 4 million shad a year over Conowingo and 2 million a year over York Haven, the last dam before Binghamton.

Though the upper bay has been the major shad restoration focus, similar efforts in other Maryland waters are showing signs of success. The Patuxent River, where stocking of hatchery shad began in 1995, has a modest but growing American shad run. "And we're seeing the start of natural reproduction now, which is really encouraging," said DNR biologist Steve Minkinen. American shad have just begun to return to the Choptank River, Minkinen's other shad release area. They spend three or four years in the ocean before their first spawning run. "Probably we'll need to stock larger numbers there to get the results we want," he said. Another hopeful note is that hickory shad, a smaller (1- to 2-pound) relative of the American shad, have been making big comebacks in the upper bay and the Patuxent River.

A final piece of the shad puzzle is the fishing that still occurs for the species when it migrates out of the Chesapeake along the Atlantic Coast each summer and fall. Under a regional fisheries plan, this will be phased out by 2005. Despite the shad's big rebound in the upper bay, Maryland officials say they have no plans to relax the 21-year-old moratorium on keeping any fish caught in state waters. The recovery is not strong enough baywide, said Eric Schwaab, the DNR's fisheries director, and there has been no demand from commercial watermen or sportfishermen to lift the ban. "I think it's probably fair to say we're going to take that fairly slowly," Schwaab said.

New Crab Regs to Remain –

From article by Paul Owens, Associated Press Writer

Despite an appeal by Eastern Shore seafood processors and watermen, a spokeswoman for Gov. Parris N. Glendening says the governor will not reconsider crabbing restrictions set to take effect this summer. State officials have pointed to a National Oceanic and Atmospheric Administration report that found the number of crabs in the bay sinking to its lowest level in more than 30 years. The restrictions in Maryland, set to take effect July 23, are intended to cut this year's harvest by 6 percent. The state's goal is to reduce the harvest by 15 percent over three years to double the spawning stock.

-- Erik Zlokovitz

News from Virginia

JAMES RIVER – Recent sampling by Virginia Department of Game and Inland Fisheries and U.S. Fish and Wildlife Service biologists located large numbers of young-of-the-year American shad in Piedmont reaches of the James River, above Boshers Dam at Richmond. Using a combination of snorkeling and electrofishing (not at the same time...), VDGIF and USFWS personnel observed relatively large schools of juvenile American shad in the river near Watkins Landing and collected several fish for otolith analysis. Although not the first time that YOY shad have been observed in the upper James River, these observations may suggest that adult shad passed by the Boshers fish ladder this Spring spawned successfully. Alternatively, the juveniles may be fish stocked as larvae earlier this year. Analysis of the recovered otoliths for OTC marks should prove enlightening.

ALSO FROM JAMES RIVER - The American shad count at Boshers Dam fishway on the James River this year exceeds that of the first two years. The video review is not yet complete, but actual count before time expansion (384) already exceeds last year's estimated total of 375. The newest feature of the fishway project is "Shadcam" which is a live internet camera situated in front of the counting window. "Live" images are uploaded every 20 seconds to the Department's web site. The fishway is closed for the season, but be sure to log on next spring to watch for at least 21 different species of fish using the fishway. You can go to the website now under "fishing" to get more information about the fish passage and shad stocking programs (www.dgif.state.va.us). For more information contact Alan Weaver at (804) 752-5504 or at aweaver@dgif.stat.va.us.

Alan Weaver also reports that push net sampling catch rates for shad juveniles have been relatively higher this

year than in previous years. Push net sampling is my project's main method for catching shad this time of year. Electrofishing becomes more essential when the fish out grow the push net gear - their avoidance ability increases.

-- Greg Garman

News from North Carolina

A variety of projects and research have been completed since our last update in May. The North Carolina Division of Marine Fisheries (NCDMF) and NC Wildlife Resources Commission (NCWRC) in Wilmington have completed their survey on American shad passage through Lock and Dam #1 on the Cape Fear River. Preliminary results suggested only 6 % of migrating shad pass through the lock on any given day (approx. 400 fish tagged and 25 recaptured in the lock). Over the years other researchers have found that these lock and dams on the Cape Fear have kept fish from migrating upstream for spawning. There has been some mention that the lock and dam system may be taken down or bypassed in the near future.

Farther north, NCDMF and NCWRC personnel have been conducting abundance indices for some recreational and commercially important species. The Elizabeth City office of DMF has been conducting an Alosid and striped bass juvenile survey. Results from the striped bass seining survey revealed that striped bass catch per unit of effort (CPUE) 1.9 fish per haul were of median levels. Catches of Alosid species though, especially those of blueback and alewife herring, were unusually high with CPUEs of 8.4 and 8.6 (per haul), respectively. In Wanchese, DMF summer shrimp trawls are showing that the relative abundance is close to the 23-year mean, indicating it should be a pretty good year for harvesters. Likewise, juvenile flounder and weakfish trawling samples indicate a good year for these fish also, collecting up to 70 pounds per 30-minute tow. NCWRC began sampling Albemarle Sound tributaries for largemouth bass because of the low catches reported by recreational fishermen. NCWRC's data suggest that in fact catch effort was half of that reported last year. It is speculated that large storm events in 1999 may have caused a bad recruitment year, and this is the after effect. Though not approved yet, the NCWRC is hoping to restore bass populations to some of these tributaries in the coming year, by initiating a stocking program.

The NCWRC also is participating in a multi-agency evaluation of the Virginia Power relicenses of Roanoke River dams. The project revolves around whether peaking discharges of water from the dams upstream are having an effect on downstream water quality. Of

particular concern is the inundation of swamps and then relatively quick recession of water, which can significantly affect dissolved oxygen levels. Preliminary data suggest that this occurs in the Roanoke River, but further research is needed for confirmation.

That's about it for North Carolina; hopefully next issue some information on ECU and UNCW graduate research will be included.

--Wesley Patrick

Laboratory Spotlight

Ann M. Barse, Salisbury University

Dr. Ann M. Barse is an Assistant Professor in the Department of Biological Sciences at Salisbury University in Salisbury, Maryland. Tidewater research activities send her and her students from the Gulf Stream to inland waters. The common theme of these studies involves parasites of fish and invertebrates. Dr. Barse has been collecting monogenean parasites of billfishes (Istiophoridae) for over 10 years, with student involvement since 1996. She is interested in documenting the biodiversity of these symbionts, noting their host and microhabitat specificity, and investigating their possible use as biological tags. So far, they have found 5 species of *Monogenea* from white marlin, Atlantic, Gulf, and Pacific blue marlin, Atlantic sailfish, and longbill spearfish. Also, they found another species from a single swordfish (Ziphiidae) and another from a single bigeye tuna (Scombridae). These records comprise 6 new parasite-host records, and 7 new parasite-host geographic records, and 1 new species. Students involved in this study are Jennifer Mullendore, Rebecca Allan, Gwynne Harper, and Zachary Lanham.



Another ongoing study involves the introduced parasitic nematode, *Anguillicola crassus*, in Chesapeake Bay American eels, whose presence was discovered in 1997.

Dr. Barse's lab has documented the increase in its distribution in Maryland portions of the Bay. Students working on the project are Laura E. Eierman, Scott A. McGuire, Melissa A. Vinores, and Amy Delano. Since 1999, Chesapeake Bay eels also have been examined for thorny-headed worms (Acanthocephala). Students involved in this study are Jennifer Gay, Sara Budd, and Robert Fitzpatrick. Jennifer examined the intestines of 89 eels collected in spring 1998 from 3 Chesapeake Bay tributaries – Susquehanna, Chester, and St. Jerome's Creek -- for the presence of acanthocephalans. Only Susquehanna River eels were infected, with an overall eel infestation rate of 63%. Three different species of Acanthocephalans from different 3 genera were identified. Sara and Bobby will continue Jennifer's work.

Last year, Dr. Barse's lab began work on trematode communities and imposex in the mud snail, *Ilyanassa obsoleta*. Student researchers include Daniel Troup and Andrew T. Stuhl. Dan started with a survey of the larval trematodes of mud snails by collecting a total of 400 snails in a transect along the beach face in fall 2000. He found 4 species of trematodes: *Himasthla quissetensis*, *Lepocreadium setiferoides*, *Gynaecotyla adunca*, and *Zoogonus rubellus* (46% overall prevalence). In contrast, Andrew found overall prevalence was less than 10% in spring 2001. Andrew also reported that of 42 female snails, 37 (88%) were categorized as "imposex" females. Imposex is a condition, well documented in scientific literature, in which female gastropods acquire male sexual characteristics after exposure to tributyltin, an antifouling compound used in boat bottom paint. A second host invertebrate study was launched this spring concerning turbellarian (Platyhelminthes) communities of Delaware horseshoe crabs. Although there are several papers documenting the turbellarians associated with horseshoe crabs, none are at the community level of analysis. Kristen Camp has collected all the turbellarians from different parts of the bodies of several horseshoe crabs early this summer. She will work on their identifications and calculate species richness/evenness for these communities.

Dr. Barse's address: Ann M. Barse, Department of Biological Sciences, Salisbury University, 1101 Camden Avenue, Salisbury, MD 21801. Phone (410) 543-6073; email ambarse@ssu.edu.

Tidewater Chapter Celebrates 15 Years –

By John E. Cooper

The Tidewater Chapter was a dream of Carl “Sully” Sullivan, former Executive Director of the American Fisheries Society, who thought it was important to bring together fisheries professionals interested in the well-being of the coastal habitats in Maryland, Virginia, and North Carolina. The first organizational meeting was held in 1985, and the following people were the founding organizers of the Chapter: Paul Anninos (VA), Yates Barber (VA), John Cooper (NC), Jane DiCosimo (VA), George LaPointe (VA), Brenda Norcross (VA), Bert Parolari (VA), Allyn Powell (NC), Roger Rulifson (NC), and J. Dale Shively (VA). In March 1986, the Tidewater Chapter petitioned to form, a set of bylaws were officially approved, and in September 1986 the Chapter was ratified by the AFS membership in Providence, RI.

Here is a list of members serving as Chapter officers and in committees:

President –

Oct 1985 - Jan 1987	Paul Anninos, VA
Jan 1987 - Oct 1987	Roger Rulifson, NC
Oct 1987 - Jan 1989	John Cooper, NC
Jan 1989 - Dec 1989	Eileen Setzler-Hamilton, MD
Dec 1989 - Feb 1991	Ron Southwick, VA
Feb 1991 - Feb 1992	John Merriner, NC
Feb 1992 - Jan 1993	Ron Klauda, MD
Jan 1993 - Jan 1994	Rick Eades, VA
Jan 1994 - Jan 1995	Chuck Manooch, NC
Jan 1995 - Jan 1996	Ed Christoffers, MD
Jan 1996 - Jan 1997	Price Smith, VA
Jan 1997 - Feb 1998	Joe Luczkovich, NC
Feb 1998 –Mar 1999	David Secor, MD
Mar 1999 – Mar 2000	John Olney, VA
Mar 2000 – Mar 2001	Chris Batsavage, NC
March 2001 - present	Jim Uphoff, MD

Secretary/Treasurer–

1985 – 1988	George LaPointe, VA
1988 – 1990	Chris Bonzek, MD
1990 – 1992	Rick Eades, VA
1992 – 1995	Don Kain, VA
1995 –1996	John Christmas, MD
1997 - present	Bill Rodney, MD

Membership –

1988 (combined with the Secretary/Treasurer position in 1989)	Jane DiCosimo, VA
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Members-at-Large –

Maryland

1987-1988	Jay O'Dell
1988-1990	Ron Klauda
1991-1993	Paul Miller
1993-1994	Lisa Kline
1994-1995	Bill Goldsborough
1995-1996	Janet Norman
1996-1997	Margaret McGinty
1997-1998	Beverly Sauls
1999 - 2000	Julie Weider
2000 - 2001	Erik Zlokovitz

Virginia

1987-1988	Brenda Norcross
1988-1989	Gary Swihart
1989-1990	Lewis Gillingham
1990-1991	Erik Barth
1991-1993	Dean Fowler
1993-1994	Price Smith
1994-1995	Greg Garman
1995- 1998	Alan Weaver
1999 - 2000	Chrissy Van Hilst
2000 - 2001	Bill Connelly

North Carolina

1987-1989	Sean McKenna
1989-1990	Lynn Henry
1990-1991	Roger Rulifson
1991-1992	Joe Smith
1992-1994	Michael Burton
1994-1996	Jennifer Potts
1996- 1998	Neil McNeill
1999 – 2000	Patricia Murphy
2000 – 2001	Jeff Gearhart

Student Member

1993	Jennifer Potts, NC
1994	Julie Keister,
1995	Jeff Gearhart, NC
1996, 1997	Chris Batsavage, NC
1998	Eric Zlokovitz, MD
1998	Troy Gunderson,

Student Subunit Presidents

ECU, 1998-1999	Brian Wall
ECU, 1999-2000	James Morris
ECU, 2000-2001	James Morris
ECU, 2001-2002	Charlton Godwin
U of MD, 1999-2000	Anthony Overton
U of MD, 2000-2001	Anthony Overton

Newsletter Editor –

1987 – 1988	George LaPointe, VA
1988 – 1989	Chris Bonzek, MD
1989 – 1993	John Cooper, NC
1993 – 1994	Ed Christoffers, MD
1994–1995	Chris Victoria, MD
1995 – 1999	Rick Eades, VA
2000 – present	Roger Rulifson and James Morris, NC

President's Award

1993	Joe Loesch
1993	John Cooper
1998	Ron Klauda

Meritorius Service Award

1996	John Cooper
1998	Rick Eades
2001	Bill Rodney

Standing Committees –**Nominating Committee** -(year served is one year prior to the nominations)

1987	Allyn Powell, NC
1988	Walt Pollard, NC
1989	Joe Loesch, VA
1990	Eileen Setzler-Hamilton, MD
1991	Dean Fowler, VA
1992	?
1993	Ron Klauda, MD
1994	Chuck Manooch, NC; Ron Klauda, MD
1995	Ron Klauda, MD; Rick Eades, VA; Joe Smith, NC
1996	Price Smith, VA
2000	Ron Klauda, MD; Chris Batsavage, NC

Coveted Oyster Toadfish Award

1999	John Olney
2000	Chris Batsavage
2001	Jim Uphoff

Education Award

1999	Roger Rulifson
2000	Eileen Setzler-Hamilton

Audit Committee –

1987	John Cooper, NC
1988	Linda Clements, NC
1989	Pat Tester, NC
1991	Mitchell Norman, VA
1992	?

Environmental Concerns

1993	Dave Dowling
1996, 1997	Margaret McGinty

Education/Outreach

1996, 1997	Kate Meade
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Legislative/Resolution

1996, 1997	Rob Brumbaugh
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Awards/Scholarship

1996 – present	Ron Klauda
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Finance

1996 - 1997	Price Smith
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Chapter History

1996 – 2001	John Cooper
2001 -	Roger Rulifson

Best Paper Awards –

Category & Year	Presenter, Affiliation	Title:
Professional-		
1989	Doran Mason, U.MD	"Utilization of acoustic technology in the assessment of pelagic fish stocks in Lake Michigan and the Potomac River estuary"
1990	Ken Paynter, Ches. Bay Inst.	"Growth studies on oysters in the Chesapeake Bay"
1991	Joe Luczkovich, ECU	"Predator-prey interactions in mangrove swamps: prey selectivity of snook <i>Centropomis undecimalis</i> "
1992	Lenwood Hall, U. MD	"Ambient toxicity testing in the Chesapeake bay watershed using water column tests"
Best Student Paper –		
1989	Karolyn Mueller, U. of Delaware	"The use of stabilized coal ash as oyster cultch"
1990	Beth Sasser, ECU	"Presence of estriol in the blue crab <i>Callinectes sapidus</i> "
1991	Kyle Hartman, U. MD	"Seasonal diets of juvenile striped bass, bluefish, and weakfish in Chesapeake Bay, 1990"
1992	Doug Dixon, VIMS	"Assessment of fluctuations in hydrographic and meteorological conditions on relative abundance of juvenile <i>Alosa</i> in the Mattaponi and Pamunkey Rivers, VA, 1979-1991"
1996	(1st-tie) Geoffrey G. White, VIMS	"Daily spawning incidence of Tautog <i>Tautoga onitis</i> from Virginia Waters: inshore-offshore differences"
	(1st-tie) G. Chris Rilling, U. MD	"Temporal and spatial variability in the distribution and dynamics of bay anchovy <i>Anchoa mitchilli</i> early life stages in the Chesapeake Bay"
	(3rd) Jane M. Cleveland, U. MD	"Abundance, distribution, and growth rates of tuna larvae in the eastern Gulf of Mexico and FL Straits"
1997	(1st) Jill Stevenson, U. MD	"Management of Atlantic sturgeon fisheries in the Hudson River and New York Bight"
	(2nd) Garcy Ward, ECU	"The role of piscivory in shaping fish community structure in seagrass meadows in Apalachee Bay, Florida"
1998	(1st) Catherine Wannemaker, NCSU	"Hypoxia avoidance thresholds of estuarine fishes"
	(2nd) Erik Zlokovitz, U. MD	"Effect of habitat use on PCB contamination in Hudson River striped bass"
1999	(1st) David O'Brien, CBL	"Modeling the effects of fishing on the age structure, feeding ecology, and mean trophic level of Atlantic cod on Georges Bank"
	(2nd) Richard Kraus, VIMS	"Habitat specific occurrence of juvenile summer flounder in Chesapeake Bay and the implications for conservation management"
2000	(1st) Kristin Maki, VIMS	"Estimating proportion mature at age when immature fish are unavailable for study with application to American shad <i>Alosa sapidissima</i> in the York River, VA"
	(2nd) John Bichy, NCSU	Life history assessment on the reproduction and age and growth of striped mullet in NC"
2001	(1st) Elizabeth North, CBL	"The upper Chesapeake estuarine turbidity maximum: a nursery area for white perch and striped bass larvae with potential consequences for recruitment"
	(2 nd) John Jacobs, U. MD Horn Point	"Condition and chemical composition of fall Chesapeake Bay striped bass, <i>Morone saxatilis</i> , from 1998-1999: a comparative approach"
	(Hon. Mention) Kevin Gooss, VCU	"Age and growth of age-0 American shad, <i>Alosa sapidissima</i> , in three VA rivers"

Best Student Poster –

**Category
& Year**

Presenter, Affiliation

Title:

1992	(1st) Beth Bettendorf, U. MD	"Prey preferences of blue crab <i>Callinectes sapidus</i> feeding on three bivalve species"
1997	(1st) John Cooper, State Univ. of NY (2nd) Ken Hines, ECU	"Food habits and growth of juvenile striped bass in Albemarle Sound, NC" "Catch comparisons between low profile and high profile skimmer trawl nets in the inshore shrimp fishery of North Carolina"
1998	(1st) Chris Pullinger, ECU (2nd) Brian Wall, ECU	"The relationship of fish size to fundamental frequency of sounds produced in the lab and in the field by members of the family Sciaenidae" "Fish passage through water control structures at Mattamuskeet National Wildlife Refuge, NC, using flap gates and fish slots"
1999	(1st) Donna Marie Bilkovic, VIMS (2nd) Michael Frisk, CBL	"Egg and larvae distribution of American shad in the Pamunkey and Mattaponi rivers, VA" "Predicting biological parameters in chondrichthyan fishes"
2000	(1st) Michael Frisk, CBL (2nd) Christian Hager, VIMS	"Leslie matrix modeling of winter skate <i>Raja ocellata</i> : population and management concerns" "Efficiency of passive pound net cull panels: a comparison of size selectivity and relative release for gray trout <i>Cynoscion regalis</i> and summer flounder <i>Paralichthys dentatus</i> "
2001	(1st) Wesley Patrick, ECU (2nd) Lynn Takata, U. MD (Hon. Mention) James Gartland, VIMS	"Competitive interactions between native and hybrid striped bass in the Cape Fear River, NC" "Broad scale habitat use of young-of-the-year bluefish in Maryland nurseries" Diet composition of young-of-the-year bluefish (<i>Pomotomus saltatrix</i>) in the lower Chesapeake Bay and near shore VA waters"

Annual Meetings

Year	Date	Location	Theme	No. of Papers /posters
1987	Jan 30-31	Virginia Institute of Marine Science, Gloucester Pt., VA	Panel: Estuaries of National Concern: lessons from the past, plans for the future	
1987	Nov 15-17	North Carolina Aquarium, Atlantic Beach, NC	Coastal development and fisheries	28/1
1989	Jan 12-14	Calvert Marine Museum, Solomons, MD	Recruitment, monitoring, and assessment	19/0, 4 student papers
1990	Jan 11-13	Virginia Marine Science Museum, Gloucester Pt., VA		23/0, 4 student papers
1991	Feb 7-9	Trinity Center, Pine Knoll Shores, NC		22/0, 7 student papers
1992	Feb 20-22	Tidewater Inn, Easton, MD		23/6; 4 student papers; 3 student posters
1993	Jan 13-16	Clarion Resort, Virginia Beach, VA (joint meeting with VA Chapter)	Anadromous Alosa Symposium	31 presentations, includes posters

Year	Date	Location	Theme	No. of Papers /posters
1994	Jan 19-21	Duke Marine Lab, Beaufort, NC		24/0
1995	Feb 23-26	Virginia Beach Resort Hotel, Virginia Beach, VA (also AFS Southern Division mid-year meeting and joint meeting with VA Chapter)		84 papers
1996	Feb 9-10	Holiday Inn, Williamsburg, VA (joint meeting with VA Chapter)		21/0; 10 student papers
1997	Jan 23-25	Duke Marine Lab, Beaufort, NC	Panel: weakfish decline and soniferous fishes mini-symposium NC fisheries moratorium	16/6; 2 student papers 4 student posters
1998	Feb 19-21	Holiday Inn, Solomons, MD	Estuarine fisheries and habitat	23/7; 7 student papers; 5 student posters
1999	Mar 11-13	Virginia Institute of Marine Science, Gloucester Pt., VA	Research on recreational fish & fisheries	24/20; 12 student papers; 12 student posters
2000	Mar 9-11	Ramada Inn, Kill Devil Hills, NC	Estuarine research in North Carolina	25/10; 14 student papers; 4 student posters
2001	Mar 1-3	Talbot County Historical Society, Easton, MD (joint meeting with Mid-Atlantic Chapter)	Mid-Atlantic fish, shellfish, and fisheries: life history, habitat, and other important aspects	30/10; 8 student papers; 5 student posters

Announcements

AFS 131st Annual Meeting, Phoenix, AZ, 19-23 August, 2001 --

**** Call for Student Poster and Paper Judges ****

Dear Colleagues,

It has been brought to my attention that many of you will be attending the AFS meetings in Phoenix, Arizona in August. In a moment of weakness, I agreed to coordinate judges for best student papers. Due to your quick intellect, insightfulness, keen sense of judgment and fairness, many of you have been nominated to be participants as judges for student papers during the meetings. I hope to get enough volunteers to spread out responsibilities so that no one will be overly burdened and that there will be 2-3 judges per presentation. Tally and comment sheets will be provided for each talk. Please let me know if you are willing to participate, field of expertise, limitations in your schedule (leaving early, arriving late, when you are participating in symposia

etc.), conflict of interest, and any other pertinent information. Volunteer judges are greatly respected and revered in the ichthyological community. Thanking you in advance for agreeing to help with such an important part of any national meeting. Please contact me ASAP by email or phone.

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