

PAPERS AND PRESENTATIONS

VA SGMAP personnel represent papers and formal preparations for professional associations, state and federal regulatory agencies and advisory boards, and industry meetings. These presentations, reflecting Sea Grant research, education and advisory activities, represents only a part, but admittedly an impressive part, of the VA SGMAP success in meeting the objectives relating to providing a mechanism for information transfer, presentations at professional, industry and governmental gatherings providing Sea Grant an important and visible role in the interests and activities of our client groups and peers. These presentations are listed below:

1998

Clark, Vicki P. Blue Crab Ecology Workshop. W&M, Gifted Education Program. Williamsburg, VA.

Clark, Vicki P. The Bridge: A Web-Based Marine Education Clearinghouse. National Sea Grant Educators Network. Port Aransas, TX.

Clark, Vicki P. The Bridge: A Web-Based Marine Education Clearinghouse. National Science Teachers Assoc. and NMEA. Las Vegas, NV.

Clark, Vicki P. Blue Crab Ecology Workshop. Region 2 Science and Math Coalition. Hampton, VA.

Clark, Vicki P. The Bridge: A Web-Based Marine Education Clearinghouse. NMEA. Palmas del Mar, Humacao, Puerto Rico.

Clark, Vicki P. The Bridge: A Web-Based Marine Education Clearinghouse. MAMEA. VA Beach, VA.

Clark, Vicki P. The Bridge: A Web-Based Marine Education Clearinghouse. VA Assoc. of Science Teachers. Richmond, VA.

Clark, Vicki P. Rapa Whelk/Ballast Water. Mid-Atlantic Marine Education Assoc. Annual Conference. VA Beach, VA.

Clark, Vicki P. Blue Crab Ecology. VIMS Marine Science Teacher Workshop. Gloucester Point, VA

DuPaul, William D. The Role of MAP in the Univ. Structure. Sea Grant MAP Leaders' Annual Meeting. Hyannis, MA.

DuPaul, William D. and David B. Rudders. Preliminary Findings on the Comparison of Scallop Dredges and Scallop Trawls. NEFMC Sea Scallop Industry Advisory Committee. Providence, RI.

DuPaul, William D. Use of Square Mesh Twine-Tops for the Reduction of Summer Flounder Bycatch in Sea Scallop Dredges. NEFMC Sea Scallop Oversight Committee. Providence, RI.

Flick, George J. Determination of Histamine, Putrescine and Cadaverine Levels in Fresh and Stored Bluefish (*Pomatomus saltatrix*) Using Reverse Phase HPLC with Precolumn Fluorescamine Derivatization. Institute of Food Technologists. Atlanta, GA.

Flick, George J. The Effects of Varying Thermal Processing Schedules on *L. monocytogenes* and Indicative Microorganisms in Blue Crab (*Callinectes sapidus*) Meat. International Assoc. of Milk, Food and Environmental Sanitarians Annual Meeting. Nashville, TN.

Flick, George J. *Listeria monocytogenes* in the Crab Processing Plant. Interstate Seafood Seminar. Rehoboth, DE.

Flick, George J. Shrimp Quality and Safety. Interview to the *Washington Post*.

Flick, George J. Seafood HACCP. Interview to the *Earth Watch* radio program.

Flick, George J. Biosecurity. Second International Recirculating Aquaculture Conference. Roanoke, VA.

Flick, George J. Fish and Shellfish Safety. Univ. of TN. Knoxville, TN.

Gallivan, Thomas J. Clam Breeding Project. Northeast Aquaculture Conference. Rockport, ME.

Jahncke, Michael L. Seafood HACCP. IFT Annual Meeting. Atlanta, GA.

Jahncke, Michael L. and Michael H. Schwarz. Possible Employee, Animal and Public Health Hazards Associated with Recirculating Aquaculture Systems. First NSF International Conference on Food Safety. Albuquerque, NM.

Jahncke, Michael L. Seminar on Lipid Oxidation in Rainbow Trout and Natural Product Lipid Oxidation Inhibitors to the Management and Technical Staff of Kalsec, Inc. Kalamazoo, MI.

Jahncke, Michael L. Safety and Quality of Hybrid Striped Bass. World Aquaculture Meeting. Las Vegas, NV.

Jahncke, Michael L. Seafood Safety. Rotarian Club. Smithfield, VA.

Jahncke, Michael L. The Seafood Industry of Virginia. VA Tech Commonwealth Tour. Southern Piedmont, AREC.

Jahncke, M.L. and M.H. Schwarz. Potential Hazards Associated with Aquaculture. Seafood Safety Session of the Marine Technology Society Meeting. Baltimore, MD.

Garrett, E.S., A. Reilly, **M.L. Jahncke**, and R. Martin. Aquaculture: Practices with Unintended Consequences. IAMFES 85th Annual Meeting. Nashville, TN.

Lacey, Patricia F. What Lenders Want: Financing Your Aquaculture Enterprise. Recirculating Aquaculture Conference. Roanoke, VA.

Lacey, Patricia F. and G. Spittle. Computers and Aquaculture: Options. Recirculating Aquaculture Conference. Roanoke, VA.

Lacey, Patricia F. The Economics of Seafood in VA. Christopher Newport Univ. Elderhostel. Newport News, VA.

Lane, Robert M. Field Presentation Methods for Successful Preparation and Presentation of Field Data. Graduate Lecture Series Bio Systems Engineering. VA Tech, Blacksburg, VA.

Lane, Robert M. Data Logging Methods for Collecting Processing Information. American Society of Agricultural Engineers (Student Branch). Blacksburg, VA.

Lane, Robert M. Thermometer Re-calibration Methods. VA Dept. of Health. Hampton, VA.

Smith, J. R., **Lane, Robert M., George J. Flick** and **Michael L. Jahncke.** The Effects of Varying Thermal Processing Schedules on *Listeria monocytogenes* and Indicative Organism in Blue Crab (*Callinectes sapidus*) Meat. International Association of Milk Food and Environmental Sanitarians Annual Meeting. Nashville, TN.

Larkin, Frances L. The Bridge. American Geophysical Union Conference. San Francisco, CA.

Larkin, Frances L. The Bridge: Linking Marine Science and Educators. National Marine Educators Assoc. Annual Conference. Humacao, Palmas Del Mar, Puerto Rico.

Larkin, Frances L. VIMS Governors School Introduction. VIMS/NASA Orientation, Gloucester Point, VA.

Lawrence, Lisa A. The Bridge: Linking Marine Science and Educators. National Marine Educators Assoc. Annual Conference. Humacao, Palmas Del Mar, Puerto Rico.

Lucy, Jon A. Structure and Coordination of Angler-Based VA Game Fish Tagging Program. NMFS Tagging Workshop. Silver Spring, MD.

Lucy, Jon A. and Michael Arendt. Fall 1997 Results of Tautog Hook-Release Mortality Study. CCA of VA Sport Fishing Show Seminars. VA Beach, VA.

Lucy, Jon A. Preliminary Results of Tautog Hook-Release Mortality Study. Richmond Boat Show and Fishing Seminars. Richmond, VA.

Lucy, Jon A. and Claude Bain. VA Game Fish Tagging Program: Objectives, Target Species, Data Records, Tagging and Fish Handling Procedures. VA Game Fish Tagging Program Training Workshops (4 workshops). VA Beach, VA, Gloucester Point, VA, Wachapreague, VA and Newport News, VA.

Lucy, Jon A. Marine Science - its scope and career opportunities (6 sessions). Peasley Middle School Career Day. Gloucester, VA.

Lucy, Jon A. Amberjack - life history and recreational-commercial fishery. VA Seafood Seminar Series. Gloucester Point, VA.

Lucy, Jon A. and Claude Bain. Benefits and Concerns Regarding Angler Tagging Programs - lessons learned from the VA Game Fish Tagging Program. AFS Annual Meeting, Symposium on Cooperative Angler Tagging Programs (invited speaker). Hartford, CT.

Lucy, Jon A. Cooperative Angler Tagging Programs: Past, Present and Future Role in Fisheries Management. American Fisheries Society Annual Meeting. Hartford, CT.

Lucy, Jon A. Benefits and Concerns Regarding Angler Tagging Symposium Lessons Learned from the VA Game Fish tagging Program. American Fisheries Society Annual Conference. Hartford, CT.

Lucy, Jon A. Catch and Release in Marine Recreational Fisheries - Tracking Released Fish Survival. VIMS Fisheries Faculty Seminar. Gloucester Point, VA.

Arendt, Michael and **Jon A. Lucy.** Stomach Contents Analysis of Cobia (*Rachycentron canadum*) from the Chesapeake Bay. 128th American Fisheries Society Annual Conference. Hartford, CT.

Oesterling, Michael J. Aquaculture Development Over the Past Decade. NC Aquaculture Development Conference. New Bern, NC.

Oesterling, Michael J. Closed System Soft Crab Production. NC SGMAP. Plymouth, NC.

Oesterling, Michael J. Soft Crab Production and Marketing. VA Chef's Assoc. Gloucester Point, VA.

Schwarz, Michael H., Michael L. Jahncke and R. Cool. Marine Recirculating Isolation/Quarantine Facility for Summer Flounder. Northeast Aquaculture Conference and Expo. Rockport, ME.

1999

Clark, Vicki P. Science, Ships and Stowaways: Teaching About Ballast Water Introductions. National Marine Educators Assoc. Annual Meeting. Charleston, SC.

DuPaul, William D. Results of Modifications to Sea Scallop Twine Tops to Facilitate the Reduction of Finfish Bycatch: Georges Bank Closed Area II Experimental Fishery, Sept.-Oct. 1998. NEFMC Sea Scallop Plan Development Team. Saugus, MA.

DuPaul, William D. Scallop Gear Selectivity and Scallop Biology: A Mismatch in Resource Management. National Shellfisheries Assoc. Annual Conference. Halifax, Nova Scotia.

DuPaul, William D. Salvaging the VA Scallop Industry. VA Seafood Council Annual Meeting. Richmond, VA.

DuPaul, William D. Scallop Bycatch. NEFMC Sea Scallop Plan Development Team. Saugus, MA.

Fisher, Robert A. Seafood Restructuring. Eastern Shore Seafood Restaurants Education Seminars. Ocean City, MD.

Fisher, Robert A. HACCP for Soft Crab Producers. East Coast Commercial Fisherman's and Aquaculture Trade Expo, Ocean City, MD.

Flick, George J. Seafood Quality and Safety. VA Seafood Council Annual Meeting. Richmond, VA

Flick, George J. Common Chemicals for Cleaning and Disinfecting Aquaculture Facilities. Aquaculture America '99. Tampa, FL.

Flick, George J. Aquaculture in the U.S.: Problems and Solutions. Univ. of TN. Knoxville, TN.

Gallivan, Thomas J. East Coast Clam Aquaculture. VA Shellfish Growers Assoc. Annual Meeting. Gloucester Point, VA.

Gallivan, Thomas J. East Coast Clam Aquaculture. East Coast Commercial Fisherman's and Aquaculture Trade Show. Ocean City, MD.

Haynes, Susan E. Blue Crab Bowl. Chesapeake Bay Education Conference, VA Dept. of Environmental Quality. Richmond, VA.

Haynes, Susan E. National Ocean Science Bowl. National Marine Educators Assoc. Annual Conference. Charleston, SC.

Haynes, Susan E. Careers in Marine Science. National Ocean Science Bowl. Washington, D.C.

Haynes, Susan E. Blue Crab Bowl. Mid-Atlantic Marine Education Assoc. Annual Conference. VA Beach, VA.

Jahncke, Michael L. Review of Codex Dairy Product Standards with Respect to the Level of Public Health Protection Offered by Pasteurization. National Advisory Committee on Non-Microbiological Criteria for Foods (NACMCF). Washington, DC.

Suvanich, V., W. Prinyawiwatkul, **Michael L. Jahncke**, W.J. Lyon, and D.L. Marshall. Quality characteristics of catfish surimi as affected by different processing protocols. IFT 60th Annual Meeting, Chicago, Ill, July 24-28, 1999.

Lacey, Patricia Farish. Creating and Evaluating Opportunity Through Business Planning. East Coast Fisherman's and Aquaculture Trade Expo. Ocean City, MD.

Lacey, Patricia Farish. "Hot" Topics in Human Resources Management. VA Annual Horticulture Conference. VA Beach, VA.

Lane, Robert M. Aquaculture Programs at VPI. Hampton Roads Area Council Boy Scouts. Hampton, VA.

Lane, Robert M. Results from Oyster Questionnaire. Interstate Seafood Seminar. VA Beach, VA.

Larkin, Frances L. National Ocean Science Bowl. National Marine Educators Assoc. Annual Conference. Charleston, SC.

Larkin, Frances L. VIMS Governors School Introduction. VIMS/NASA Orientation, Gloucester Point, VA.

Lawrence, Lisa A. The Bridge: Connecting Educators and Marine Science. National Marine Educators Assoc. Annual Conference. Charleston, SC.

Lawrence, Lisa A. The Bridge: Using On-Line Oceanography. National Marine Educators Assoc. Annual Conference. Charleston, SC.

Lawrence, Lisa A. The Bridge: Marine Education Science. National Ocean Science Bowl. Washington, D.C.

Lawrence, Lisa A. The Bridge: Connecting Educators and Marine Science. NC Assoc. of Educational Communicators and Technology Conference. Research Triangle Park, NC.

Lawrence, Lisa A. The Bridge. Marine Technology Society Annual Conference. Baltimore, MD.

Lawrence, Lisa A. The Bridge: Linking Marine Science and Educators on the World Wide Web. Mid-Atlantic Marine Education Assoc. Annual Conference. Virginia Beach, VA.

Lawrence, Lisa A. The Bridge: Linking Marine Science and Educators on the World Wide Web. VA Assoc. of Science Teachers Annual Conference. Richmond, VA.

Lucy, Jon A. VA Game Fish Tagging Program. Bethany United Methodist Church Men's Group. Gloucester Point, VA.

Lucy, Jon A. Networking for Catch and Release Symposium. Mid-Atlantic Sea Grant MAP Meeting. Nags Head, NC.

Lucy, Jon A. Catch and Release Fishing and VA's Game Fish Tagging Program. VIMS Wachapreague Lab Seminar Series. Wachapreague, VA.

Lucy, Jon A. Summer Flounder Release Mortality Study. Richmond Boat Show's Saltwater Fishing Seminar Series. Richmond, VA.

Lucy, Jon A. Hooking Mortality in Tautog Taken on Angling Gear in VA's Chesapeake Bay. American Fisheries Society Annual Conference. Charlotte, NC.

Arendt, Michael and **Lucy, Jon A.** Diel Activity, Residence and Movement of Adult Tautog (*Tautoga onitis*) in Lower Chesapeake Bay. 15th International Symposium on Biotelemetry. Juneau, AK.

Oesterling, Michael J. Bay Scallop Culture. Fishermen Retraining Program. Crystal River, FL.

Oesterling, Michael J. Tour of VIMS for VA State Univ. and VA Fish Farmers Assoc. Gloucester Point, VA.

Oesterling, Michael J. VA Oyster Gardener's Program. Mid-Atlantic Sea Grant MAP Meeting. Nags Head, NC.

Oesterling, Michael J. Soft Shell Crab Industry in VA. Middlesex County Lion's Club Middlesex, VA.

Oesterling, Michael J. Culture Potential of Soft Shell Clams *Mya arenaria*. Aquaculture America '99. Tampa, FL.

Schwarz, Michael H. Tour of VPI Seafood Lab; Aquaculture Program and Educational Outreach Initiatives at VPI. Jones Middle School. Hampton, VA.

Schwarz, Michael H. Aquaculture Programs at VPI. Hampton Roads Area Council Boy Scouts. Hampton, VA.

Schwarz, M.H., M.L. Jahncke, and R. Cool. Preliminary results of a summer flounder (*Paralichthys dentatus*) recirculating system. VA Academy of Sciences Annual Meeting, Norfolk, VA, May 27, 1999.

Schwarz, Michael H. Mariculture in the United States an Emerging Industry. American Fisheries Society Meeting. Blacksburg, VA.