

Speakers

Charles Clapsaddle began keeping fish at age 7 with goldfish he won at a carnival. He raised and spawned them, and was hooked on fish forever. He soon turned his attention to locally-collected mosquitofish and sailfin mollies, and by junior high he was breeding fancy guppies. Charles earned a BS in Zoology from University of Texas at Austin to further his knowledge of fish biology and genetics, and his fascination with livebearers continues today. His family hatchery (www.goliadfarms.com) breeds many kinds of aquarium fishes, but developing new livebearer strains and improving existing strains is what he finds most rewarding. Charles will describe his plant-based filtration systems, spawning and rearing systems, selective breeding techniques, and hatchery operations including the disasters: hurricanes, floods, power failure, and disease.

Ted Judy is an aquarium addict with over 25 years of fish keeping and breeding experience. He is a generalist who enjoys all types of fish from around the world, but West African species (especially the dwarf cichlids) are always an important component of his fish room. He is on the American Cichlid Association Board of Trustees, as well as the boards of the Milwaukee Aquarium Society and the Madison Area Aquatic Hobbyists. Ted is a former high school science teacher who is now a full-time stay-at-home father, with a fish room. He is a prolific speaker and writer, and wants to become a better photographer. Ted also maintains a personal blog website (www.tedsfishroom.com) and a community forum dedicated to dwarf cichlids: www.apistogramma.com.

Mark Denaro has kept freshwater aquariums since 1970 and marine aquariums since 1976. He has propagated hundreds of freshwater fish and plant species, 20+ marine invertebrates, and spawned 8 species of marine fish in his tanks. Mark is a past president of the International Betta Congress and the Indianapolis Aquarium Society, and is currently president of the Bucks County Aquarium Society. He is a well-known aquarium speaker and fish show judge with 30 years of experience in the pet industry. Mark operates Anubias Design, an online retailer of new and rare fishes, invertebrates and plants in the Philadelphia area (www.anubiasdesign.com). His latest endeavor is founding the American Labyrinth Fish Association (ALFA) for the study, breeding and trade of Bettas, Gouramis, Paradisefish, Ctenopomas, and their relatives.

All Aquarium Hobbyists Welcome!

The Raleigh Aquarium Society invites you to attend our Twenty-seventh Annual Carolina Aquarium Workshop, one of the best and oldest aquarium conventions in the Southeast. We have an excellent line up of speakers with many years of experience representing many different aspects of the aquarium hobby. Our Workshop offers you the opportunity to get information, ask questions, and to share ideas or problems with other hobbyists. Drawing attendees from many other states and aquarium clubs, The Workshop is a great opportunity to share expertise and hard-to-find species.

The Workshop registration fee covers the Friday field trip and Saturday daytime programs and exhibits. There is an extra charge for Saturday's dinner and speaker. There is no charge for Sunday's open auction. Anyone may bring items to be sold.

Many aquarium shops and manufacturers serving this region donated the aquarium equipment and supplies offered in the raffles and auction. We greatly appreciate the support the Workshop receives from these businesses.



Further information, speaker updates and MYGROUPAUCTIONS.COM info available at <http://www.raleighaquariumsociety.org>

The Raleigh Aquarium Society presents the 27th Carolina Aquarium Workshop

February 17-18-19, 2012

North Carolina State Fairgrounds
Gov. James G. Martin Building
(Trinity Road entrance)
Raleigh NC 27607

Friday Afternoon:
Native Fish Collecting Trip

Saturday Speakers:

- **Aquascaping Design & Ecology:** Kris Weinhold (guitarfish.org)
- **Fish Hatchery Operations:** Charles Clapsaddle (goliadfarms.com)
- **Wild Bettas & Labyrinth Fish:** Mark Denaro (anubiasdesign.com)
- **West African Aquarium Fishes:** Ted Judy (tedsfishroom.com)
- **Barbs of Asia and Africa:** Todd Wenzel
- **Cichlids of the Maya:** Eric Hanneman (liquidsunshinetropicalfish.com)
- **Ted's Most Excellent Cameroon Adventure:** Ted Judy -- after dinner

Sunday: AUCTION

All Day Giant Auction of Fish, Plants,
Invertebrates, Equipment and More!

Schedule

Friday, February 17, 2012

1:00 pm Native Fish Collecting trip – Meet at NC State Fairgrounds James Martin building (see map) and return by 5:30. Equipment provided, but bring dry clothes, boots/waders, buckets, & dip nets if you have them. Contact Gerald Pottern for info or to sign up: (raleighfish@yahoo.com or 919-649-6506).

Saturday, February 18, 2012

8:30 am Registration Table Opens
9:00 am **Todd Wenzel**
 Barbs of Asia & Africa
10:15am **Kris Weinhold**
 Aquascaping Design & Ecology
11:30pm Lunch
12:30pm **Ted Judy**
 West African Aquariums
1:45 pm **Charles Clapsaddle**
 Operating a Fish Hatchery
3:00 pm **Eric Hanneman**
 Cichlids of the Maya
4:15 pm **Mark Denaro**
 Labyrinth Fish
5:30 pm Break
6:00 pm Dinner – **Ted Judy**
 Ted's Most Excellent Adventure
 (Cameroon & Gabon)

Sunday, February 19, 2012

9:00 am Auction Setup and Registration **
 (Register ONLINE in advance if possible)
11:00am Auction Begins

**** Auction registration for buyers and sellers is exclusively online at mygroupauctions.com. A few computers for on-site use will be available.**

Registration & Contact Information

For information call Chris Smith **919-698-2828** or Todd Wenzel **919-791-7352** or send email to: raleighaquariumsociety@yahoo.com.

Nearby Hotel Accommodations

Ramada Inn, 1520 Blue Ridge Rd. Raleigh
 (800) 272-6232 (closest hotel)
 Comfort Suites, 1200 Hurricane Alley Way, Raleigh
 (919) 854-0502
 Hampton Inn, 111 Hampton Woods Lane, Raleigh
 (919) 233-1798
 Wyngate, 6115 Corporate Ridge Road, Raleigh
 (919) 847-7383

Speakers

Eric Hanneman has raised fish for over 40 years, focusing mainly on Central American and African cichlids, plus various livebearers, catfish, tetras, killifish, and others. He has collected fish in Mexico, Belize, Guatemala, Honduras and Panama, and been diving in Lake Tanganyika to observe wild cichlids. Between trips he resides in Raleigh, where he is Curator of Living Collections/Aquarist at the NC Museum of Natural Sciences and also maintains about 40 tanks at home. Eric received his Ph.D. in Developmental Neurobiology from the University of Oregon in 1986. Following 6 years of postdoctoral studies he became a stay-at-home Dad, then from 2005 to 2010 he owned Liquid Sunshine Tropical Fish, an aquarium shop in Eugene Oregon, before moving to Raleigh. Eric has served on the ACA Board of Trustees for 20 years and writes a bi-monthly column, Cichlid World, for TFH magazine. See Eric's website: liquidsunshinetropicalfish.com.

Kris Weinhold grew up keeping aquariums, but really fell in love with planted aquariums several years ago, diving head-first into researching and experimenting with various plants, growing techniques, and aquascape designs. Kris is a past-president of the Greater Washington Aquatic Plant Association (GWAPA), and has published articles in *The Aquatic Gardener* (www.aquatic-gardeners.org). He also maintains a website/blog (www.guitarfish.org) showcasing his aquarium and nature photography, and informative articles on aquarium keeping and aquatic plant ecology (see his excellent Planted Aquarium Guide).

Todd Wenzel has been keeping aquariums for over 40 years, first in his hometown near Milwaukee and now in the Raleigh area, where he was a founding member of RAS thirty years ago. He has a BS degree in Fishery Science and MS in Zoology, focusing on fish immunology. Todd worked as an aquaculture agent for the NC Cooperative Extension Service, managed an aquaculture research center in Virginia, and managed the old Fish Pros shop in Raleigh. He has spawned and raised about 140 species of fresh and salt water fishes, and has collected wild fish in Peru, Brazil and Jamaica (on his honeymoon!). He enjoys the support of his wife Dee and daughter Cristen. When he's not playing with fish, Todd competes as a national level target shooter, brews beer, and is a Certified beer judge.

Twenty-Seventh Annual Carolina Aquarium Workshop Registration Form

Name _____

Address _____

City/State _____

Zip _____

Phone _____

Email _____

If registering for more than one person please list all names or use additional forms.

No.	Description	Amount included
	Native Fish Trip *	No Additional Charge*
	Registration - \$20.00 (individual or family)	
	Student Registration \$10.00	
	Dinner - Adults, 12+ \$20.00 each **	
	Dinner - Children <12 \$10.00 each **	
	Raleigh Aquarium Society membership \$15 includes family	
	Total. Make check payable to "Raleigh Aquarium Society"	

* Workshop registration required for the Native Fish Collecting trip. See Schedule for more info.
 ** Banquet Dinner, early registration encouraged for the dinner due to limited space.

Send to:
Raleigh Aquarium Society
P.O. Box 31564, Raleigh, NC 27612-1564