

Integration of Genetics in Fisheries Management:
Strategies to Maximize Investment Returns for Aquatic Diversity Programs;

Friday, February 26, 2010
1:00 PM – 4:30 PM

Marriott Renaissance
Asheville, North Carolina

PURPOSE

To provide further insight to individuals from universities, federal and state agencies, non-governmental organizations and other interested groups on this advanced science and its application in fisheries science and management objectives. The expert panel will showcase the benefits of genetic assessments and how aquatic programs may benefit from these assessments with some cost/benefit analysis in light of today's budgetary constraints and available funding opportunities. To conclude the workshop, a panel discussion will be held where audience attendees can ask questions about possible projects and receive panel insight.

AGENDA

- 1:00 PM – 1:30 PM: ‘Introduction to Population Genetic Principles and Tools’
Dr. Eric Hallerman, Virginia Polytechnic Institute and State University
- 1:30 PM – 2:00 PM: ‘Nongame Fishes & Freshwater Mussels:
Conservation & Genetics of Poorly Characterized Species’
Dr. Morgan Raley, North Carolina State Museum of Natural Sciences
- 2:00 PM – 2:30 PM: ‘Application and implications of molecular genetic analyses
for American shad management and restoration’
Dr. Bonnie Brown and Mr. Aaron Aunis, Virginia Commonwealth University
- 2:30 PM – 3:00 PM: ‘The Use of Conservation Genetics in Hatchery Management –
Addressing Questions with Answers’
Dr. Greg Moyer, Warm Springs Fish Technology Center, USFWS
- 3:00 PM – 3:30 PM: ‘Conservation Genomics - Next Generation Tools to Aid Resource Management’
Dr. Tim King, Leetown Science Center, USGS
- 3:30 PM – 3:45 PM: Break (Details to be announced at start of workshop)
- 3:45 PM – 4:30 PM: Panel discussion with audience participation
Facilitated by Dr. Bonnie Brown
- 4:30 PM: Adjourn