

5:30 Announcements/Adjourn
5:35 RAFFLE DRAWING*
5:40 Delamar Room: NWFCC Ex-Com Meeting

DAY 3: THURSDAY, DECEMBER 5, 2013

8:00 Announcements
8:05 RAFFLE DRAWING*

SESSION #6: Diversity In Aquaculture: Species, Design, Methodology—Session Chair: Rick Lowell

8:10 William R. Brignon, Development of Conservation Hatchery Programs for Imperiled Species
8:30 Jeffrey C. Jolley, Development of Conservation Hatchery Programs for Imperiled Species
8:50 Timothy Hoffnagle, Accelerated vs Natural and Freshwater vs Saltwater Growth Regimes in the Grande Ronde Basin Spring Chinook Salmon Captive Brood Stock Program
9:10 Morning Break
9:25 RAFFLE DRAWING*
9:30 **FISH CULTURE HALL OF FAME INDUCTION**

SESSION #7: Diversity In Aquaculture: Species, Design, Methodology—Session Chair: Joel Patterson

9:50 Jennifer Meineke, Wyoming’s Oldest Hatchery: The Story of Three Seasons, Five Brood Stocks, and Seven Species
10:10 Brian Beckman, Marine Perspectives on Hatchery Chinook Salmon Production in the Columbia River Basin
10:30 Donald A. Larsen, Variation in Minijack Rate Among Columbia River Basin Chinook Salmon Hatchery Populations
10:50 Introduction of 2014 NWFCC Host and Venue
10:55 Closing Remarks/Adjourn
11:00 GRAND PRIZE DRAWING*

***MUST BE PRESENT TO WIN RAFFLE DRAWINGS!**

THANK YOU TO OUR VENDORS

Northwest International
Redd Zone
Pentair Aquatic Eco Systems
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THANK YOU TO THE FOLLOWING FOR THEIR HELP:

Lynette Moran	Joel Patterson	Gary Byrne
Liz Mamer	Brent Snider	Jeff Heindel
Esther Victory	Bryan Grant	Theresa Hart
Eric Pankau	Gene McPherson	Rick Alsager
Jerry McGehee	Bob Becker	Travis Brown
Jeff Seggerman	Mick Hoover	Doug Burton
Kurtis Plaster	Kevin Yelton	Doug Munson
Rick Lowell	Ken Felty	



**64th ANNUAL
NORTHWEST
FISH CULTURE
CONFERENCE**

**DECEMBER 3-5, 2013
RIVERSIDE HOTEL
BOISE, IDAHO**

HOSTED BY:



DAY 1:

TUESDAY, DECEMBER 3, 2013

- 8:00 Registration
- 1:00 Welcome/Announcements: Gary Byrne
- 1:15 Keynote Speaker: Randy MacMillan
- 1:45 Keynote Speaker: Paul Lumley
- 2:15 Keynote Speaker: Kari Duncan
- 2:45 Keynote Speaker: Ed Schriever

SESSION #1:

Applied Aquaculture—Session Chair: Eric Pankau

- 3:30 Jerry McGehee, Clearwater Fish Hatchery Intake Repair
- 3:50 Nate J. Wiese, 2.5 Million Homeless Spring Chinook, Now What?
- 4:10 Joe Miller, The Use of Circular Rearing Vessels to Improve the Age Distribution of Hatchery-Origin Spawners
- 4:30 Christopher Cena, Evaluation of the Viability of Sex Reversed Rainbow Trout Brood Stock Milt for Various Lengths of Time
- 4:50 Announcements/Adjourn
- 4:55 RAFFLE DRAWING*

5:30-9:00 Poster Session/Vendor Social
(Poster Authors Present)

DAY 2:

WEDNESDAY, DECEMBER 4, 2013

- 8:00 Announcements:
- 8:05 RAFFLE DRAWING*

SESSION #2:

Applied Aquaculture—Session Chair: Bob Becker

- 8:10 Jamie Mitchell, Shifting Hayspur Hatchery Brood Stock Management: Predictable Spawn Induction by Intensive Photoperiod Manipulation
- 8:30 Kirstin Gale, Using Photoperiod to Produce Out-Of-Season Spawners and Sub-Yearling Spring Catchables
- 8:50 Paul McCarrel, Lookingglass Fish Hatchery: A Mix of the Old and New
- 9:10 Eric Pankau, Bear River Bonneville Cutthroat Trout Conservation Aquaculture in Idaho
- 9:30 Morning Break
- 9:45 RAFFLE DRAWING*

SESSION #3:

Aquaculture in Research and Management—
Session Chair: Jeff Seggerman

- 9:50 Christine Moffitt, Social Values Related to Aquaculture
- 10:10 Becky Johnson, Hatcheries: Fish in Nets and Fish in Habitat
- 10:30 Doug Olson, National Fish Hatchery Assessment in the Columbia River
- 10:50 Becky Johnson, Best Management Practices: A Tool Not a Rule
- 11:10 John Cassinelli, Improving Return-to-Creel of Hatchery Catchable Rainbow Trout in Idaho: Statewide Exploitation Rates and Evaluating Rearing Density
- 11:30 Dan Schill, Competition Between Wild Trout and Stocked “Catchable” Trout: A Literature Review and Thoughts on a Long-Standing Debate
- 12:00 Lunch
- 1:05 RAFFLE DRAWING*

SESSION #4:

Fish Health and Nutrition—Session Chair: Doug Munson

- 1:10 Gary Fornshell, Biosecurity at the Hatchery Level: Creating a State of Mind
- 1:30 Christine Moffitt, Preventing/Controlling Invasives at Hatcheries
- 1:50 Gary George, The Alaska Department of Fish and Game’s Production Planning Options to Meet Stocking Requests and Minimize Costs
- 2:10 Dina Spangenberg, The Effect of Diet and Ration on Smolting and Early Male Maturation in White River Spring Chinook
- 2:30 Peter J. Graf, The Roles of Size and Precocity on Post-release Survival of Spring Chinook Salmon That Were Fed Different Diets and Rations
- 2:50 Steven Roberts, Atypical Bacterial Gill Disease in Trout and Kokanee Fry at Spokane Hatchery
- 3:10 Afternoon Break
- 3:25 RAFFLE DRAWING*

SESSION #5:

New Technologies/Programs—Session Chair: Doug Burton

- 3:30 Jeanne McFall/Mort McMillen, Contracting for Hatcheries: Experience With Design/Build
- 3:50 Doug Engemann, The Idaho Department of Fish & Game is excited to announce the completion of the new Springfield Fish Hatchery
- 4:10 Dean Follett, Tripling Production Using State of the Art Technology
- 4:30 Gary George, The Alaska Department of Fish & Game’s Transition from Two Older Sport Fish Hatcheries into One New Sport Fish Hatchery
- 4:50 Patrick Phillips, Chief Joseph Hatchery: A 70-Year-Old Promise Fulfilled
- 5:10 Keith Wolf, The Chief Joseph Hatchery’s Master Database: Synchronized Data Collection, Analysis and Reporting