

# **AQUATIC RESOURCES EDUCATION ASSOCIATION**

## **Biennial Conference September 28<sup>th</sup> – October 2, 2002 Chico Hot Springs Resort Pray, Montana**

Dear AREA Members:

Montana is ready, and we are pleased to invite you to take part in the Aquatic Resources Education Association's Biennial Conference. We'll meet September 28<sup>th</sup> to October 2<sup>nd</sup> at Chico Hot Springs Resort, located in the spectacular surroundings of Montana's Paradise Valley south of Livingston.

The Aquatic Education programs of Montana, Wyoming and South Dakota have teamed up to host this meeting, and we hope it will be a productive, educational, and enjoyable experience. We have a full agenda of sessions, with excellent presenters from across the nation.

In addition to our meeting, we'll be spending time outdoors experiencing firsthand the resources that Montana and Wyoming offer. On the afternoon of September 30<sup>th</sup>, our group will travel by raft down the Yellowstone River, the longest un-dammed river in the lower 48 states. During this field session, participants will become familiar with fisheries management issues and the aquatic resources of the river, and discuss some of the problems and issues confronting it.

Either before or after the meeting, We'd encourage you not to miss out on the wide variety of recreational opportunities available nearby. Think about fishing the world famous, blue-ribbon waters nearby, such as the Yellowstone, Madison, Gallatin, Jefferson, or a number of small mountain lakes and creeks all holding wild trout.

You may also wish to take a day hike into the Beartooth, Bridger, or Gallatin Mountain ranges. For those wanting a different type of experience, you may wish to visit one of Montana's State Parks, such as Missouri Headwaters, Lewis & Clark Caverns, or Virginia City. The Museum of the Rockies in Bozeman has a nationally famous planetarium and dinosaur display, and both Bozeman and Livingston offer excellent shopping in a western environment.

We look forward to hosting you in Montana. You couldn't have picked a more beautiful time of the year to visit us . . . . think about bringing your spouse and family with you to the state many rightly call "The Last Best Place." See you in September, and don't forget a bathing suit for the hot springs!

Dave Hagenruber  
Montana Fish Wildlife & Parks

Jake Hohl  
Wyoming Game & Fish Dept

Chad Tussing  
South Dakota Game, Fish & Parks

## **Tentative schedule of events**

### **Saturday, September 28, 2002**

Noon to 4:00 p.m.	Travel Day
5:00 to 7:00 p.m.	Board of Directors Meeting
7:00 to 11:00 p.m.	Registration
	Evening reception and sandwich buffet (provided)

### **Sunday, September 29, 2002**

7:30 to 9:00 a.m.	Registration
7:30 to 9:00 a.m.	Breakfast Buffet (provided)
9:05 to 9:30 a.m.	Opening Remarks
9:30 to 10:50 a.m.	General Session Jim Posowitz: Conservation History of the West
11:00 to 11:50a.m.	Concurrent Sessions
12:00 to 1:00 p.m.	Lunch – Italian Buffet (provided)
1:00 to 1:50 p.m.	Concurrent Sessions
2:00 to 2:50 p.m.	Concurrent Sessions
3:00 to 3:30 p.m.	Break (Sponsored by Shakespeare Fishing Tackle)
3:30 to 5:00 p.m.	Regional Meetings
5:00 to 6:30 p.m.	Fly Casting Instruction (optional)
6:30 p.m.	Outdoor Antelope and Bison BBQ (provided)

### **Monday, September 30, 2002**

7:00 to 8:00 a.m.	Breakfast Buffet (provided)
8:00 to 8:50 a.m.	Concurrent Sessions
9:00 to 9:50 a.m.	Concurrent Sessions
9:50 to 10:15 a.m.	Break (Sponsored by Shakespeare Fishing Tackle)
10:15 to 11:05 a.m.	Concurrent Sessions
11:15 to 12:05 p.m.	Concurrent Sessions
12:05 to 1:00 p.m.	Lunch – Pizza & Salad Buffet (provided)
1:00 p.m.	Fisheries Study: Upper Yellowstone River - Optional (sponsored by Wyoming Game & Fish Department)
6:30 to 10:00 pm	Shuttles to Livingston: Federation of Fly Fishers Int'l Education Center Tour & Reception Dinner - On Your Own in Livingston Shuttles return from Livingston to Chico

### **Tuesday, October 1, 2002**

7:00 to 8:00 a.m.	Breakfast Buffet (provided)
8:00 to 8:50 a.m.	Concurrent Sessions
9:00 to 9:50 a.m.	Concurrent Sessions
10:00 to 10:30 a.m.	Break (Sponsored by Shakespeare Fishing Tackle)
10:30 to 12:00 p.m.	General Session: Speaker Vince Yannone: 40 Years of Conservation Education & Montana Native Fish
12:00 to 1:00 p.m.	Lunch – Tex-Mex Buffet (provided)
1:00 to 1:50 p.m.	AREA Business Meeting
2:00 to 2:50 p.m.	Concurrent Sessions
3:00 to 3:50 p.m.	Concurrent Sessions
6:00 p.m.	Social Hour
7:00 p.m.	Evening banquet – Prime Rib & Salmon Buffet (Sponsored by RBFF)
8:00 p.m.	Banquet Entertainment – Ken Overcast - Singer & Cowboy Poet

### **Wednesday, October 2, 2002**

7:00 to 8:00 a.m.	Breakfast Buffet (provided)
-------------------	-----------------------------

8:30 a.m.

**Field Studies**

Yellowstone National Park

Lewis & Clark Caverns St Park and Missouri River Headwaters State Park

Bag lunch (provided)

Dinner On Your Own

**Thursday, October 3, 2002**

Travel Day

## **Conference Sessions (tentative)**

### **General Session Speakers**

1. Jim Posewitz: Jim spent his career with Montana Fish, Wildlife & Parks, and is now Executive Director of Orion the Hunter's Institute. Author of *Beyond Fair Chase*, Jim will discuss the history of the conservation movement, especially as it pertains to the western United States, and the role that hunters and anglers have played.
2. Vince Yannone: Vince currently does educational programs and seminars for the Rocky Mountain Elk Foundation and the Discovery Channel. He will discuss Montana's Native Fish Education Efforts, as well as share his views on the role of conservation agencies in education.
3. Ken Overcast: Ken is a third-generation rancher from northern Montana, and a singer with 6 albums and a Grammy Award nomination to his credit, as well as a storyteller and cowboy poet.

### **CONFERENCE PAPERS**

#### **Session I. Sunday 11:00 AM to 12:00 N – Concurrent Sessions**

##### **Model Programs**

*“Agua Pura” : Engaging Latino Youth and Families in Aquatic Resource Issues - Michael Marzolla and Andrez Montiel, University of California Cooperative Extension.*

##### **Professional Development**

*Theory Into Action: A presentation of the Best Practices in Fishing, Boating and Aquatic Stewardship Education tools for educators project - Mike O'Malley, Washington Department of Fish and Wildlife, D.J. Case & Associates*

##### **Model Programs 2**

*The Foundations of Therapeutic Fishing Interventions for Individuals with Severe and Persistent Mental Illness; Some Reflections from Let's Go Fishing in New Hampshire - Michael E. Beech, Monadnock Family Services and Mark Beauchesne, New Hampshire Department of Fish and Game*

#### **Session II. Sunday 1:00 PM to 3:00 PM – Concurrent Sessions**

##### **Model Programs**

*Healthy Water, Healthy People – Innovative Water Quality Education Tools for Professional Aquatic Educators - John Etgen, Montana State University.*

*Green Eggs and Sand - Gary Kreamer, Delaware Department of Natural Resources, Cindy Grove, Maryland Department of Natural Resources, Sue Canale, New Jersey Fish and Wildlife, and Stewart Michels, Delaware DNREC*

##### **Program Evaluation**

*South Carolina Youth Aquatic Survey Results - BeBe Harrison, South Carolina Department of Natural Resources, Mark Duda, David Allen, and Gene Hayes, Responsive Management.*

*Fishing for the Future: Establishing and Maintaining a 4-H Sportfishing Program - Douglas L. Steele, National 4-H Sportfishing Program, Mark Cronquist, Colorado Extension Service, Jon Lyman, Alaska Fish and Game, and Larry Hysmith, Texas Extension Service.*

## **Model Programs 2**

Public / Private Partnerships – A model for aquatic education - Dave Hagenruber, Montana Fish, Wildlife & Parks and Robert H. Wiltshire, International Fly Fishing Center

**Reorganization of the “Hooked On Fishing - Not On Drugs” Program - Anne Glick, Laura Jerome, Future Fisherman Foundation, and Betty Lewis, Maine Department of Inland Fisheries & Wildlife**

## **Session III. Monday 8:00 AM to 12:00 N – Concurrent Sessions**

### **Model Programs**

Partnerships That Work - Texas Parks and Wildlife and Texas Cooperative Extension - Ann Miller, Texas Parks and Wildlife and Larry Hysmith, Texas Cooperative Extension.

Using the STEP OUTSIDE program to strengthen sportfishing educational programs - Sharon Rushton, Jodi DiCamillo, STEP OUTSIDE Program, and Mark Duda, Responsive Management.

Trout Unlimited's First Cast Program – Introducing Kids to Stewardship Through Fly Fishing - Duncan Blair, Trout Unlimited.

WILD about FISH, aka WET, WILD and Fishy - Theresa Stabo, Wisconsin Department of Natural Resources

### **Professional Development**

Todo el Mundo a Pescar: Invite Us All! - Margarita Lara and Shari Dann, Michigan State University, Department of Fisheries & Wildlife.

Production of large-format interpretation materials in-house, using existing engineering-type plotters - Michael F. O'Malley, Washington Department of Fish and Wildlife.

Promoting Best Practices for Teachers and Educators in the Collection of Marine and Freshwater Organisms - Rob Kramer and George Shipp, Florida Fish and Wildlife Conservation Commission.

Investigation for the Use of Summer Camp Staff to Deliver and Develop Aquatic Education Programs - Keith Koupal, Anne Skalski, and Laura Jerome

## **Model Programs 2**

Project WET- Developing Creative Partnerships for Aquatic Education - Rab Cummings, Project WET USA.

Promoting Stewardship of Aquatic Resources through a Watershed Education Program - Beth Reinhart, New Hampshire Fish and Game Department

Wild Resources Education Workshop: A Intergrated Resource-Based Professional Development Experience for Formal and Non-formal Educators - Daniel R. Dziubek Department of Parks and Recreation/Environmental Education and Carl Richardson, Pennsylvania Fish and Boat Commission

Teaching Fly Fishing: A Private-Sector Perspective - Macauley Lord, L.L. Bean Fly Fishing Schools.

## **Session IV. Tuesday 8:00 AM to 10:00 AM – Concurrent Sessions**

### **Model Programs**

Interactive CD-ROM and Database-Driven Websites – Wildlife Education for the Masses using Multimedia and the Internet - Douglas Galarus, Information Technology Office, University of Montana.

## **Recreational Boating and Fishing Foundation and Aquatic Education Summit**

Passport to Fishing, Boating, and Aquatic Stewardship: An Updated "Pathway to Fishing" Event-based Program - Stephanie Hussey, RBFF

Working for you in big ways! An Overview of Two Major Web Tools For Aquatic Educators, [www.WaterWorksWonders.org](http://www.WaterWorksWonders.org), and [www.RBFF-Education.org](http://www.RBFF-Education.org) - Jen Patterson, RBFF.

### **Session V. Tuesday 2:00 PM to 4:00 PM – Concurrent Sessions**

#### **Model Programs**

**The States' Perspective About the Aquatic Nuisance Species Issue and the "Stop Aquatic Hitchhikers!" Public Awareness Campaign - Joe Starinchak, USFWS, Division of Fish & Wildlife Management Assistance**

The River Continuum Poster Series - Lonnie D. Nelson, Kentucky Department Fish and Wildlife Resources

## **Recreational Boating and Fishing Foundation and Aquatic Education Summit**

Re-cap of the Retailer Initiative: Results of the Wal-Mart Efforts - Stephanie Hussey, RBFF

A National Plan for Aquatic Education: Aiming for validation and collaboration - Jen Patterson, RBFF, Moderator.  
Panelists: Hector Cruz-Lopez, Florida Fish and Wildlife Conservation Commission, Jon Lyman, Alaska Fish and Game Department, and Carl Richardson, Pennsylvania Fish and Boat Commission

### **Field Study Description**

#### **Upper Yellowstone River**

Sponsored by Wyoming Game & Fish Dept

This trip will begin at Chico, with a presentation by river outfitters who fought a proposal to dam the Yellowstone river. Fisheries managers from Montana FWP will discuss the fisheries of the river, endangered fish species management, and angler use and conflict issues. The group will float a short stretch of the river, stopping to collect aquatic insects with the assistance of Federation of Fly Fishers Education Staff and Montana FWP Staff. At the conclusion of the float, participants will be returned to Chico.

#### **Federation of Fly Fishers Education Center Tour & Reception**

This event will include a shuttle via motorcoach from Chico to Livingston, about 25 miles one-way. Participants will visit the Federation of Fly Fishers International Education Center and tour the facility and learn about the programs it offers, with an opportunity to visit with educational staff. Participants will walk to their choice of dining in Livingston (dinner on own), and will be shuttled back to Chico later that evening.

#### **Yellowstone National Park**

\$75 per person (minimum 13 participants required – can accommodate up to 40)

Visit America's first National Park to explore the unique aquatic ecosystems and fisheries resources found in Yellowstone. This guided tour will leave Chico after breakfast, and enter the park at Mammoth, with time to visit other important and historic features on the day-long trip. Lunch will be provided, and the trip will return to Chico late in the afternoon.

#### **Lewis & Clark Caverns & Missouri River Headwaters State Park**

\$75 per person (minimum 16 participants required – can accommodate up to 40)

This trip will leave in the morning of Wednesday, October 2. Participants will travel via motorcoach through Livingston and Bozeman to the town of Three Forks, where Lewis & Clark first saw the Madison, Gallatin, and Jefferson rivers combine to form the Missouri. You'll spend some time with a park interpreter, explore the rivers, the park and its interpretive displays, and then leave for the one-hour drive to Lewis & Clark Caverns. Once at the caverns, you'll eat lunch (provided), and then take the one to two hour guided tour of the caverns, which overlook the lower Jefferson River, with an opportunity to learn about the unique fisheries management partnership between local ranches and anglers. There may be time for a bit of hiking on the trails of the park, then the bus will leave for the two hour return to Chico, arriving late in the afternoon.

## **Registration Fees**

AREA member	\$175
Non-member	\$250
Daily	\$100
Student	\$100
Guest (meals only)	\$200
Late (after September 1)	\$375
Yellowstone National Park Field Study	\$75
Lewis & Clark & Mo River Headwaters	\$70
State Parks Field Study	

### **Early Registration Deadline is September 1, 2002; after that date, Late Registration fees apply**

The conference fees are all-inclusive, including 11 meals (4 breakfasts, 4 lunches, and 3 dinners) but does not include alcoholic beverages. One dinner is not included. Also included: Yellowstone river float; shuttle transportation to/from Livingston for the evening reception.

To register for the conference, send a completed registration form and check payable to Montana FWP to:

Dave Hagenruber  
Montana Fish, Wildlife & Parks  
1420 E 6<sup>th</sup> Ave  
Helena MT 59620  
Phone 406-444-9736  
Email: [dhagenruber@state.mt.us](mailto:dhagenruber@state.mt.us)  
Federal ID Number - 810302402

(Registration Form is the LAST Page of this document.)

## **Travel Information**

### **Airports**

It is recommended for participants traveling by air to fly to the Bozeman MT airport which is about 60 miles away from the conference location. Special shuttle arrangements have been made for transport between the Bozeman airport and Chico. No other arrangements have been made for other airports.

Other nearby airports are:

Helena – Helena Airport – approximately 150 miles

Billings – Logan International Airport – approximately 140 miles

Great Falls – International Airport - approximately 230 miles

## **Transportation Information**

### **Airport Shuttles to and from Chico Hot Springs and Bozeman Airport**

Karst Stage is offering a conference rate of \$55.00/person round trip, \$30.00/person one way if you travel on the following dates: 9/28 or 9/29 and 10/2 or 10/3. Shuttles are available at a higher rate if you arrive before during or after the guaranteed dates.

Karst is located inside the passenger terminal just beyond baggage claim. Karst meets all arriving and departing flights at Gallatin Field (Bozeman) Airport.

**Reservations are required by 9/25** and can be made on the Airport Shuttle page on their web site [www.karststage.com](http://www.karststage.com). Please put AREA in the conference box at the bottom of the reservation form to qualify for the conference rate. Online reservations will be confirmed by email. Inquiries can be made at [airport@karststage.com](mailto:airport@karststage.com) or by calling (800) 287-4759.

### **Rental Cars**

The following car rental options are available at or near the Bozeman airport:

**Avis Rent a Car (800) 831-2847 (406) 388-6414**

**Budget Rent a Car (800) 952-8343 (406) 388-4091**

**Hertz Rent A Car (800) 654-3131 (406) 388-6939**

**National Car Rental (800) 227-3768 (406) 388-6694**

RentaWreck (406) 388-4189

Practical Rent a Car (406) 586-8373

## **Resort Information**

The 2002 AREA Conference is based entirely at Chico Hot Springs Resort, and all activities will take place at or near the resort. Chico is located in Pray, Montana, about 30 miles south of Livingston; there are no other lodging options within 20 miles of this location.

Guests must call Chico to make their own lodging reservations. Please call 1-800-468-9232 outside Montana, or 406-333-4933 from within Montana. There are a number of room options available at Chico, and all room choices are on a first come, first served basis.

Prices for rooms range from \$30 to \$50 per night. Participants can find more information on the accommodations on the internet [www.chicohotspings.com](http://www.chicohotspings.com) or by calling the lodge.

**There are no room refunds after September 13, 2002.**

## **Recreation Opportunities**

With the blue ribbon trout waters of the upper Yellowstone river just a few miles from Chico, the fishing at this meeting may be too good to pass up. There is a variety of fishing opportunities in Paradise Valley, from the challenging and difficult technical flyfishing of the private spring creeks, to the fun of a fast moving mountain creek. A variety of flies & lures will produce fish during this time, and there are a number of flyshops to provide information. Two-day or season non-resident licenses are available close to Chico. Due to the cold water temperatures waders are normally a necessity, but guided float trips may also be arranged at local fishing outfitters.

Miles of hiking trails are close to Chico, ranging from easy to difficult hikes and elevation gains. This is grizzly country, so pepper spray is advised for those venturing into the backcountry. Chico also offers guided horseback rides- contact the resort for details.

Yellowstone National Park is about a 30 minute drive. Late September will find the elk especially visible, vocal, and active, as they enter their breeding season. Visitors to the park also may encounter deer, antelope, wolves, and both black and grizzly bears.

## **Weather & Clothing**

Fall is usually an ideal time to visit Southwest Montana, but it is important to be prepared for a variety of weather conditions. Normal daytime high temperatures are in the range of 55 to 70 degrees, but can reach into the 80's. Normal low temperatures can be expected in the 30 to 40 degree range, but can drop into the teens. This time of year is normally dry, but storms can bring cold rain or even snow, so be prepared with layers of warm clothing, topped by a water and windproof shell, with a warm hat and gloves if you choose. Sturdy boots or shoes will be needed for hiking or walking, and if we're lucky, we'll encounter weather suitable for shorts & sandals on our Yellowstone River Float.

# AQUATIC RESOURCE EDUCATION ASSOCIATION CONFERENCE MONTANA 2002

## REGISTRATION FORM

Conference Registration Deadline is September 1, 2002  
 Visit [www.AREAnet.org](http://www.AREAnet.org) for additional conference information

Name: \_\_\_\_\_ Guest name: \_\_\_\_\_  
 (only if guest is registered)

Agency/Organization: \_\_\_\_\_

Arrival Date: \_\_\_\_\_ Departure Date: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Vest Size: Circle - M L XL Other: \_\_\_\_\_

Registration Type	Price	Amounts	<i>Full Conference Fee includes all educational sessions plus 4 breakfasts, 4 lunches, 3 dinners, and registration gift.</i>
<ul style="list-style-type: none"> <li>• Member pre-registration Must be AREA member in good standing-dues paid for 2002</li> <li>• Non-Member pre-registration</li> <li>• Student Registration</li> <li>• Late Registration (after September 1, 2002)</li> <li>• Guest (Meals Only)</li> <li>• Daily Registration</li> </ul>	\$175  \$250 \$100 \$375  \$200 \$100/day		<b>Send check, made payable to MT FWP, and completed form to:</b> <b>Dave Hagengruber</b> <b>Montana FWP</b> <b>1420 E 6<sup>th</sup> Avenue</b> <b>Helena, MT 59620</b> <b>(406) 444-9736</b> <b>Email:</b> <a href="mailto:dhagengruber@state.mt.us">dhagengruber@state.mt.us</a>
Circle: Sunday 9/29 Monday 9/30 Tuesday 10/01			
<b>Field Studies</b>			
<ul style="list-style-type: none"> <li>• Yellowstone National Park</li> <li>• Lewis &amp; Clark Caverns &amp; Missouri River Headwaters State Park</li> </ul>	\$75 \$75		
	<b>Total Amount:</b>		

If you or your guests need an accommodation to participate in this conference due to a disability, please contact AREA – Dave Hagengruber – at (406) 444-9736  
 Email: [dhagengruber@state.mt.us](mailto:dhagengruber@state.mt.us)

Reserve your room by September 1, 2002, to receive the Chico Resort Conference Rates.