# Fisheries Conservation Genetics Workshop

## Sponsored by Wisconsin Chapter American Fisheries Society

**Instructors:**
Brian Sloss and Ryan Franckowiak
Wisconsin Cooperative Fisheries Research Unit, University of Wisconsin, Stevens Point.

**Dates:**
Monday, July 27 (12:30 – 4:30 pm)
Tuesday, July 28 (8 am – 4 pm)

**Location:**
Best Western Midway, LaCrosse WI http://www.midwayhotels.com/la_crosse/ Room rates are $70 for single and $80 for double occupancy. Includes breakfast; complimentary boat slips are available. Call the hotel directly at 608-781-7000 for reservations and mention that you are attending the American Fisheries Society meeting.

**Course Fee:**
AFS Chapter member: $100.00 ($75 for students); non-member $110.00
Course fee includes refreshments, Tuesday lunch, and a copy of text: Population Genetics: Principles and Applications for Fisheries Scientists, Eric Hallerman, ed. (reduced $ if you already own the book)

**Synopsis:**
The goal of this workshop is to acquaint fishery management professionals with the uses, application, and finer details of molecular genetic analyses and conservation genetics and their role in integrated, science-based management of our natural resources. Participants will undergo an intensive review of genetic principles and learn about recent advances in the field of molecular genetics and how this impacts our ability to assist resource management efforts. Goals of the workshop include a working knowledge of the common molecular markers used in fish genetics, why these different markers are necessary, when these different markers are successfully employed, and how sampling scheme/design is an integral facet of a successful experimental design. Specific measures of genetic diversity will be explored in order to demonstrate the usefulness and complimentary nature of genetic data to traditional demographic data in managing our aquatic resources. Finally, a regional overview of recent genetic work will be used to demonstrate practical applications of genetics research in fisheries management.
**Registration deadline is June 26.** Pre-registration is required.

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**Name:** _____
**Work Affiliation:** _____
**AFS Affiliation: Member of** _____ **Chapter** (AFS Chapter or Parent Society membership)
**Address:** _____
**Email:** _____

Workshop cost
____ AFS Chapter Member - $100.00
____ Non-Member - $110.00 (includes WI Chapter membership)
____ Student - $75.00

**Pre-register by June 26 with Justine Hasz,** 715-421-7845 Justine.Hasz@wisconsin.gov
Payment will be collected at the door or may be sent to:

Justine Hasz
WIAFS Continuing Education
473 Griffith Avenue
Wisconsin Rapids WI 54494