

Pennsylvania Chapter of the American Fisheries Society



Spring Technical Meeting

8th & 9th February 2018

Wertz Student Center, Lycoming College

Williamsport, Pennsylvania

2017-2018 PA AFS OFFICERS

Tim Wertz – President
David Argent – President Elect
Jordan Allison – Past President
Heather Smiles – Secretary Treasurer
Aaron M. Henning and Allen Keim – ExComm Representative
Sara Mueller – Student Representative

SCHEDULE

Thursday, February 8th

Time	EVENT
8:00	WELCOME AND INTRODUCTIONS: Timothy Wertz
8:15	PLENARY: Peter Tango – Chesapeake Bay Monitoring Coordinator Working Title: The Chesapeake Bay, watershed management and fisheries recovery
Coldwater and Diversity Session	
8:45	Kline, B., et al. - Individual behavior influences habitat use in a thermally diverse environment in brook trout (<i>Salvelinus fontinalis</i>)
9:05	Dowell, S., et al. - Genetic assessment of Brook Trout populations in the Laurel Hill region of Pennsylvania
9:25	White, S., et al. - Quantifying hatchery introgression in wild brook trout populations in a northcentral Pennsylvania watershed
9:45	Clark, K., and J.R. Stauffer, Jr. - Distribution and abundances of French Creek Mussels
10:05	Mueller, S., and J.R. Stauffer, Jr. - Comparison of aquatic fauna among major Pennsylvania drainages
10:25 BREAK	
Environmental DNA	
10:40	Christman, P., et al. - Confirmation of species identifications of Sculpin (<i>Cottidae</i>) species in South-Central PA
11:00	Moyer, G.R., et al. - Use of environmental DNA to detect aquatic species from Susquehanna and St. Lawrence basins
11:20	Grassi, J., et al. - Environmental DNA detection of American Eels
11:40	Schroeter, J.C., et al. - Expanding genetic resources to support species detection and biodiversity monitoring using environmental DNA
12:00 LUNCH	

Remediation and Biomonitoring	
13:20	Graves, J., et al. - Potential negative outcomes from abandoned mine drainage remediation to an eastern brook trout (<i>Salvelinus fontinalis</i>) population: trade-off between isolation and invasion
13:40	Stoklosa, A., et al. - Effects of small dam removal on fish assemblage in Manatawny Creek; a preliminary examination of a 17-year study
14:00	Thompson, T., et al. - Groundwater as a source of emerging contaminants in the Chesapeake Bay
14:20	Shank, M. - Assessing the ecological recovery potential of a headwater stream after re-establishment of a conservation release
14:40	Jewitt, A. - Results from the 2017 Water Chestnut Chasers Challenge support early detection efforts in Pennsylvania
Sport Fish Management	
15:00	Lorson, R., et al. - A comparison of two methods to promote Pennsylvania catfish angling to urban anglers
15:20	End of Technical Session - wrap up

Business Meeting and Social	
17:00-17:45	PA AFS Chapter Business Meeting
18:30-20:30	Poster Session and Social

Friday February 9th

Workshops	
8:00-10:00 am and 10:00-12:00 pm	Mussel Identification Workshop – Nevin Welte, Rick Spear, and Jordan Allison Atlantic Slope Species Identification
8:00-10:00 am and 10:00-12:00 pm	Fish Kill Workshop – The USFWS Lamar Fish Health Center