



## **2020 Meeting of the Virginia and Virginia Tech Chapters of the American Fisheries Society**

Tuesday, February 4<sup>th</sup> - Thursday, February 6<sup>th</sup>, 2020

Hampton Inn  
401 E. Nelson St, Lexington, VA 24450

and

Washington and Lee University  
Stackhouse Theater, Lexington, VA 24450

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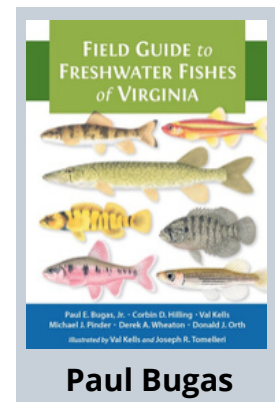
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**Paul Bugas**

2020 SPONSORS OF THE ANNUAL MEETING OF  
THE VIRGINIA AND VT CHAPTERS OF THE  
AMERICAN FISHERIES SOCIETY

2020 Meeting of the Virginia and Virginia Tech Chapters of the  
American Fisheries Society

Tuesday, February 4<sup>th</sup> - Thursday, February 6<sup>st</sup>, 2020

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401 E Nelson St, Lexington, VA 24450

and

Stackhouse Theater, Washington and Lee University  
204 W Washington St, Lexington, VA 24450

<b>Program at a glance</b>	
<b>Tuesday 4<sup>th</sup> February</b>	
12:00 PM	Registration for Joint AFS Meeting
1:00 PM – 5:00 PM	Workshop – Aquatic Plant and Algae Management - Hampton Inn, Rockbridge Room
6:30 PM – 10:00 PM	Informal Social – Hampton Inn – Rockbridge Room
<b>Wednesday 5<sup>th</sup> February</b>	
7:45 AM	Registration for Joint AFS Meeting
8:30 AM – 8:40 AM	Opening Remarks
8:40 AM – 9:50 AM	Contributed Papers
9:50 AM – 10:10 AM	BREAK
10:10 AM – 11:40 AM	Contributed Papers
11:40 AM – 1:20 PM	LUNCH
1:20 PM – 2:00 PM	Contributed Papers
2:00 PM – 2:40 PM	The Story Behind the Virginia Freshwater Field Guide
2:40 PM – 3:00 PM	BREAK
3:00 PM – 4:00 PM	SDAFS 2021 Conference – Update and Discussion
4:00 PM – 5:00 PM	Chapter Business Meeting
6:00 PM – 7:00 PM	Poster Session and Social – Hampton Inn
7:00 PM – 10:00 PM	Dinner and Raffle – Hampton Inn – Rockbridge Room
<b>Thursday 6<sup>st</sup> February</b>	
8:30 AM – 9:50 AM	Contributed Papers
9:50 AM – 10:10 AM	BREAK
10:10 AM – 11:00 PM	Contributed Papers and Closing Remarks / Awards

Program Committee: Vic DiCenzo (Chair), Brad Fink, and Karen Horodysky

## Tuesday, February 4<sup>th</sup>

Registration Opens at 12:00

<b>TIME</b>	<b>Hampton Inn – Rockbridge Room</b>
	<b>Moderator: Vic DiCenzo and Jeff Williams</b>
1:00-5:00 PM	<b>Aquatic Plant and Algae Management</b>
1:00-1:45 PM	Title: Identification and ecology of aquatic plants and algae <i>Presenter: Chris Doyle – Director of Biology, Solitude Lake Management</i>
1:45-2:05 PM	Title: Overview of management techniques <i>Presenter: Daniel Hood – Environmental Scientist, Solitude Lake Management</i>
2:05 -2:25 PM	Title: Not all herbicides are created equal <i>Presenter: Daniel Hood – Environmental Scientist, Solitude Lake Management</i>
2:25-3:10 PM	Title: What you should know about harmful algal blooms (cyanobacteria/blue green algae) and how to manage <i>Presenters: Shannon Junior, Senior Business Development Consultant &amp; Aquatic Ecologist and Tyler Meighan, Fisheries Biologist, Solitude Lake Management</i>
3:10-3:30 PM	<b>BREAK</b>
3:30-5:00 PM	Title: Case studies - development of management strategies – small group discussions <i>Facilitators: Solitude Lake Management Staff</i>
6:30-10:00 PM	Social – Pizza and Salad Hampton Inn – Rockbridge Room

## Wednesday, February 5<sup>th</sup>

Registration Opens at 7:45 A.M.

= Washington and Lee University – Stackhouse Theater	
8:30-8:40 AM	Opening Remarks <i>Brad Fink, VA Chapter President</i>
	<b>Moderator: Dan Michaelson</b>
8:40-9:00 AM	Population Genetic Structure of Walleye in the Eastern Highlands and Adjacent Regions <i>E. Hallerman - VT</i>
9:00-9:20 AM	Stream habitat conditions in the North River before and after restoration activities <i>B. Fair – VT &amp; USFS</i>
9:20-9:40 AM	The consequences of size-selective fishing mortality for larval production and sustainable yield in species with obligate male care <i>H. Kindsvater – VT &amp; DFWC</i>
9:40-9:50 AM	The Global Shark Fin Trade – How Domestic and International Laws are Impacting Shark Fishing Activities <i>B. Noland – Oregon State University – Student (Graduate)</i>
9:50-10:10	<b>BREAK</b>
	<b>Moderator: Jason Emmel</b>
10:10-10:30 AM	Application of a Traditional Fisheries Management Technique on a Newly Established Fish Species in North America <i>H. Kim – Missouri State University – Student (Graduate)</i>
10:30-10:50 AM	Habitat Utilization and Impact of Flooding on James spiny mussel ( <i>Parvaspina collina</i> ) Populations in Virginia Streams <i>C. Verdream – JMU- Student (Graduate)</i>
10:50-11:10 AM	Direct versus Terrestrial Liming for Mitigating Acidity in Streams <i>M. Roberts – JMU (Undergraduate)</i>
11:10-11:20 AM	Analysis of the Reliability and Results of the Brook Trout Sustainability Model Over a Five-Year Data Collection <i>L. Cheng – James Madison HS – Student (High School)</i>
11:20-11:30 AM	Where everybody knows your name: brook trout remember conspecifics for at least a week <i>C. Golightly – RMC – Student (Undergraduate)</i>

<b>= Washington and Lee University – Stackhouse Theater</b>	
11:30-11:40 AM	Quantifying catch-and-release mortality in a southern Muskellunge population <i>C. Bauerlien – Coastal Carolina University – Student (Graduate)</i>
11:40-1:20 PM	<b>LUNCH – On Your Own</b> <b>Moderator: Katie McBaine</b>
1:20-1:30 PM	TIA Alliance, An Update <i>C. Yupanqui – James Madison HS – Student (High School)</i>
1:30-1:40 PM	Quality Control Management of Volunteer Collected Data <i>E. Wilbur – James Madison HS – Student (High School)</i>
1:40-2:00 PM	Resolving the mysteries of the Tennessee heelsplitter ( <i>Lasmigona holstonia</i> ) with stream temperature and paired mark-recapture data. <i>A. Ganser - VT – Student (Graduate)</i>
2:00-2:40 PM	The Story Behind the Virginia Freshwater Field Guide <i>P. Bugas – VDGIF (retired), D. Orth – VT, M. Pinder – VDGIF, C. Hilling – VT, and V. Kells – Val Kells Illustration</i>
2:40-3:00 PM	<b>BREAK</b>
3:00-4:00 PM	SDAFS 2021 Conference – update and discussion <i>Virginia Chapter EXCOM</i>
4:00-5:00 PM	Chapter Business Meeting
6:00-10:00 PM	Dinner, Raffle, and Poster Session – Hampton Inn – Rockbridge Room

## Breaks Provided by Washington and Lee University, Environmental Studies Program

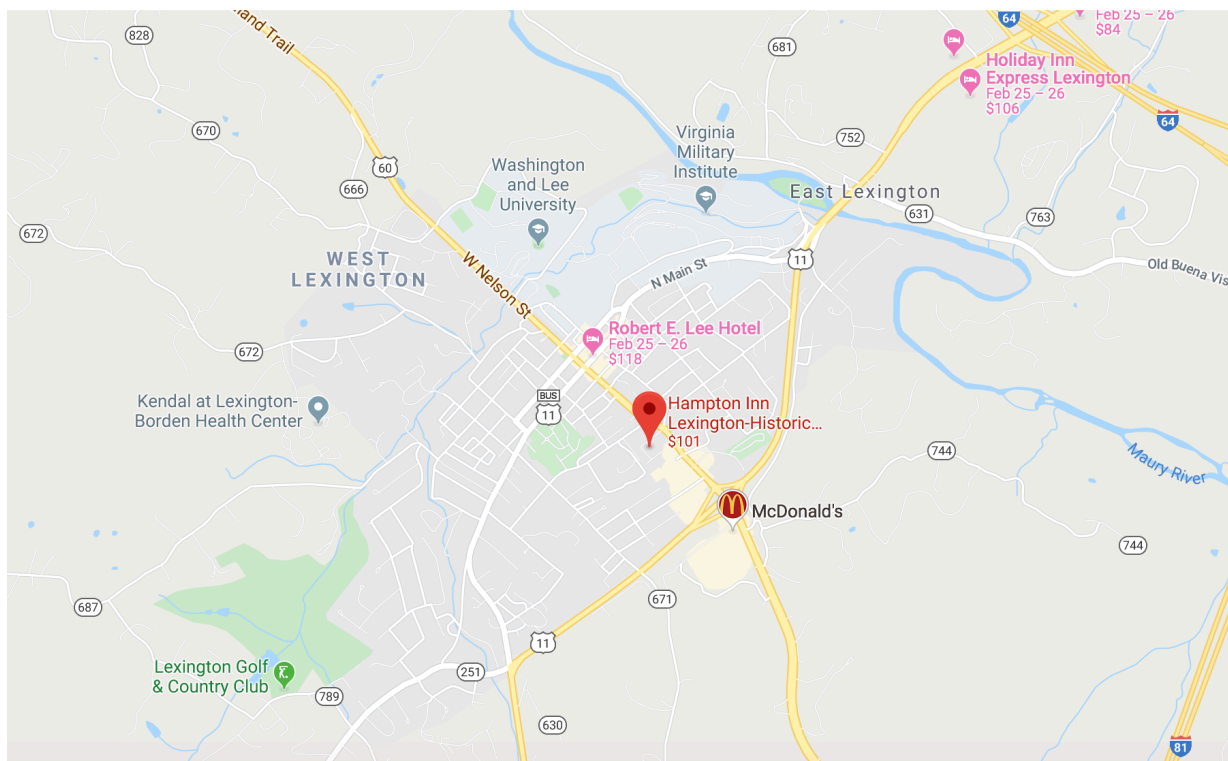
<b>TIME</b>	<b>Hampton Inn – Rockbridge Room</b>
6:00-7:00 p.m.	<b>Poster Session</b> Comparing Spawning Population Size of Alewife ( <i>Alosa pseudoharengus</i> ) and Blueback Herring ( <i>A. aestivalis</i> ) in Three Potomac River Tributaries <i>K. Russell - George Mason University – Student (Undergraduate)</i>
	Utilizing untapped Instagram resources for assessing global shark distribution <i>J. Jenrette – VT – Student (Graduate)</i>
	Impact of Tree Felling for Atlantic Coast Pipeline on Hodges Draft in Augusta County <i>A. Slawson – JMU – Student (Undergraduate)</i>
7:00-10:00 PM	Dinner and Raffle– Hampton Inn – Rockbridge Room

Thursday, February 6<sup>th</sup>

TIME	Washington and Lee University – Stackhouse Theater
8:30-8:50 AM	<p><b>Moderator: Dawn Kirk</b></p> <p>Combining inference from movement studies and population genetics to determine scale of smallmouth bass dispersal in rivers.</p> <p><i>R. Humston – W&amp;L</i></p>
8:50-9:10 AM	<p>Preserving a Potential State Record Fish</p> <p><i>H. Hatcher – VDGIF, FWC</i></p>
9:10-9:30 AM	<p>Trends in abundance of Northern Snakehead and Largemouth Bass in two Virginia tidal rivers</p> <p><i>J. Odenkirk - VDGIF</i></p>
9:30-9:50 AM	<p><i>Smith Mountain Lake Aquatic Habitat Enhancement Project</i></p> <p><i>D. Wilson - VDGIF</i></p>
9:50-10:10 AM	<p><b>BREAK</b></p>
10:10-10:30 AM	<p>Use of an Electronic Fish Counter to Estimate River Herring Run Strength at Walker’s Dam Denil Fishway on the Chickahominy River</p> <p><i>A. Weaver - VDGIF</i></p>
10:30-11:00 AM	<p>Closing remarks and awards</p> <p><i>V. DiCenzo, VA Chapter President</i></p>

## Hampton Inn Lexington-Historic District

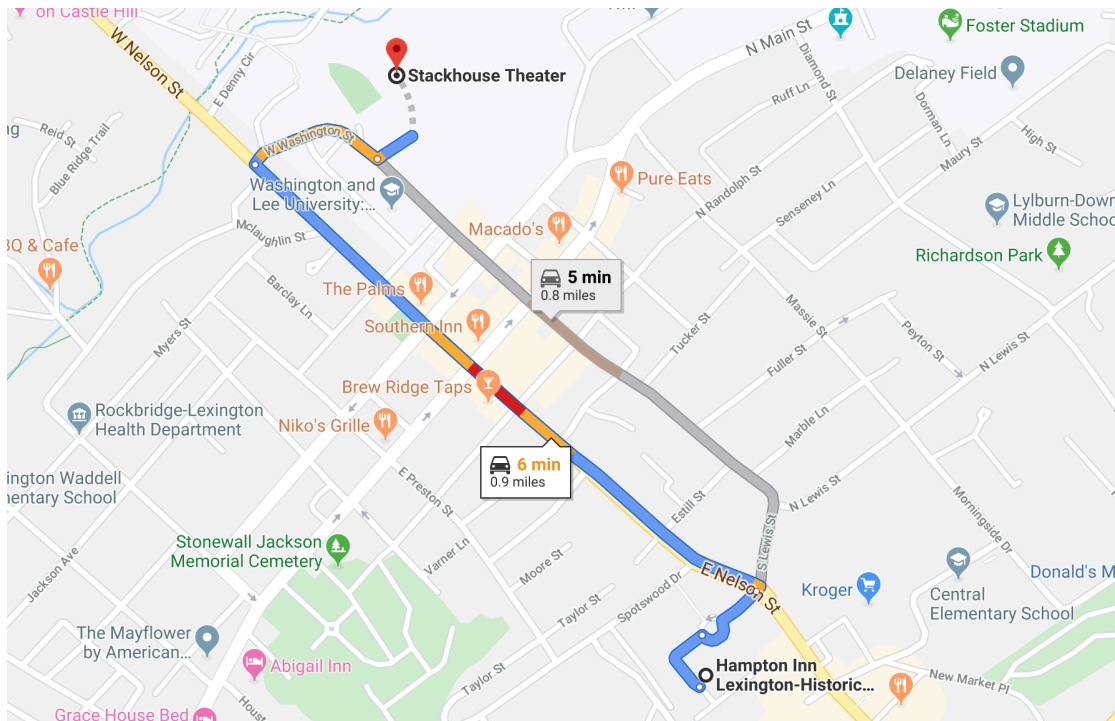
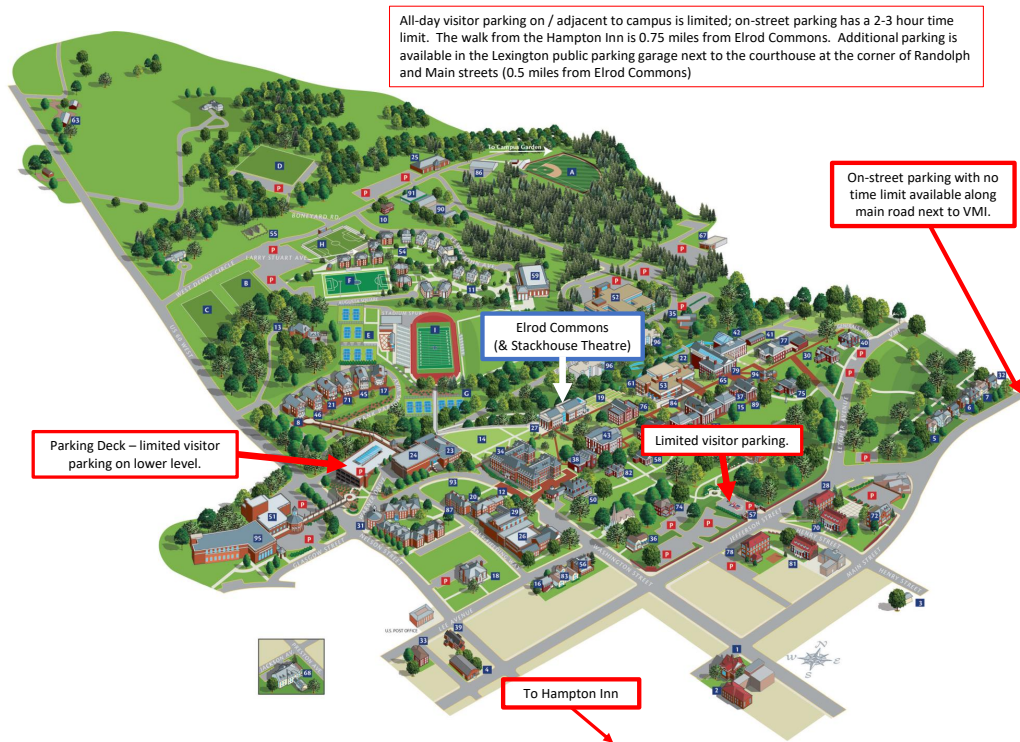
401 E Nelson St, Lexington, VA 24450



### Directions to Hampton Inn from I-81

- Take exit 188B onto US 60-West
- US 60-West for 2.6 miles
- Hampton Inn is located on the left (just past Cook Out)





### Directions from Hampton Inn to Stackhouse Theater, Washington and Lee University

- Left on E. Nelson Street for 0.6 miles
- Right on Washington Street for 0.1 miles
- See campus map above for parking options

## Lunch options during the VA Chapter AFS conference in Lexington, VA

### 1. Options on W&L Campus:

- a. [The Marketplace](#) All-you-care-to-eat dining with excellent variety including options for vegan, vegetarian, and gluten-free diets. Directly across from Stackhouse Theatre in the Elrod Commons.
- b. [Café 77](#) Quick foods including deli sandwiches and grill items. Upstairs on main floor of Elrod Commons, convenient to Stackhouse Theatre.
- c. [E. Café in Hillel House](#) Kosher style restaurant with variety of bagels, soups, salads, sandwiches, and smoothies. Short walk from Elrod Commons to the corner of campus at Jefferson and Washington streets.

### 2. Options in Lexington:

There is a comprehensive list of area restaurants available on the visitor's bureau website (<https://lexingtonvirginia.com/directory/dining-restaurants>). Restaurants within easy walking distance from campus include:

- Mano Taqueria
- Blue Sky Bakery
- Pure Eats
- The Palms
- Napa Thai
- Bistro on Main
- Sweet Treats Bakery
- Niko's Grill
- Salerno Wood Fired Pizza & Taphouse
- Brew Ridge Taps
- Macado's
- Rocco Ristorante & Bar
- Haywood's
- Sheridan Livery Inn Restaurant
- Southern Inn Restaurant
- The Red Hen