

THE SFAAS “NEWSREEL”

Number 16 / July & August 2022

In this issue of *Newsreel*, a little bit of everything – graduates, new people, retirements, new projects, and more!

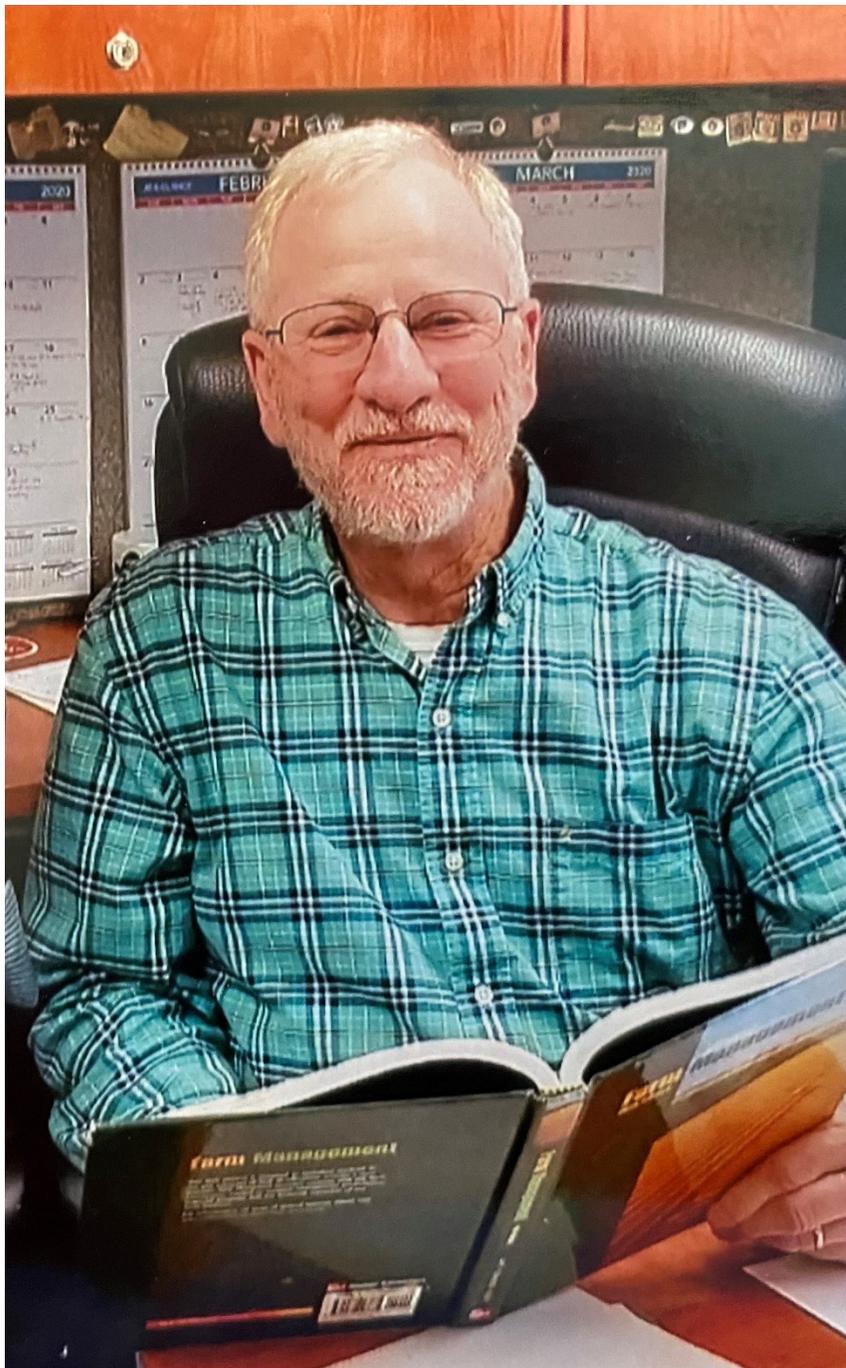
On top of that, a new academic year is starting. The band is practicing not far from Swingle, the streets are crowded again, and lots of excitement in the air.

Please keep information coming, so we can let everyone know of things that are happening.

Joe Tomasso
Professor & Director (and *Newsreel* editor!)

You can find past *Newsreels* at
<https://agriculture.auburn.edu/research/faas/newsletters/>





RETIRING

Terry Hanson will retire on October 1 after 14 years as a faculty member in SFAAS. However, his association with us goes back a lot longer than 14 years. In 1978, he was in Auburn to receive technical training in fisheries for the Peace Corps. From 1982 to 1984, Terry earned his MS in Aquaculture from Auburn, and from 1989 to 1998, he was a research fellow with the International Center for Aquaculture & Aquatic Environments while he earned his PhD.

In retirement, Terry plans to travel, visit family (especially grandkids!), read, paint, and pick up hobbies left behind. He also plans on doing some consulting – “but on my own terms”.



LEAVING US

Brianna Jones (aka: The P-card lady) is leaving us to take a job with the City of Auburn where she will be an administrative clerk in the Environmental Services Department.

Bri started working as a student worker in what was then FAA in 2011. After she graduated in 2013, she became a TES employee and was soon hired as a full-time employee.



NEW MS GRADUATE

Amber Young recently defended her thesis. Her major professor was Terry Hanson and her committee members were Steve Sammons and Shannon Brewer.

Amber's thesis topic was the distribution, relative abundance, and habitat association of warrior bass in the Black Warrior River watershed.

She recently started a job as a regional fisheries biologist with Idaho Fish & Game in McCall, Idaho. Amber will be managing the Chinook and steelhead fisheries in her district.



NEW MS GRADUATE

Phil Carson recently defended his thesis. His major professor was Terry Hanson and his committee members were Steve Sammons and Matt Catalano.

Phil's thesis was entitled "Fish kill loss valuation through estimation of angling effort and use valuation on three mid-size Alabama rivers".

He has taken a position with the South Carolina Department of Natural Resources in the Statewide Fisheries Research Division.



NEW MS GRADUATE

Gavin Aguilar recently defended his thesis. His major professor was Ian Butts and his committee members were Anita Kelly, Luke Roy and Tim Bruce

Gavin's thesis was entitled "Development of intensive indoor rearing strategies for largemouth bass during critical life history stages".

He has taken a position with Idaho Fish & Game as a fisheries biologist.

NEW POSTDOCTORAL FELLOW



Jianzhou He recently joined Kevin Wang's lab. He holds a PhD from Michigan State University.

Before joining the Wang lab, Dr. He was a postdoctoral research associate at the University of Arizona.

His research focuses on developing an all-in-one biochar-surfactant system to pre-sorb and destruct PFAS using hydrated electrons.

Dr. He's career goal is to become a faculty member at a US university.



NEW PhD STUDENT

Trinh Ngo will soon join Allen Davis' lab. She is from Vinh Long Province in Vietnam and holds a BS in advanced aquaculture from Can Tho University. Trinh also holds a MS in aquaculture from the National Taiwan Ocean University.

Her dissertation topic is not yet defined, but will concern aquatic animal nutrition.

Trinh's career goal is to conduct research related to aquaculture nutrition.



NEW MS STUDENT

Abdulmalik Oladipupo recently joined the labs of Tim Bruce and Anita Kelly. He holds a BS in Aquaculture & Fisheries Management from the Federal University of Agriculture in Abeokuta, Nigeria.

His thesis topic will be - immunostimulants and associated feeding regimes in channel catfish culture.

Abdulmalik's career goal is to obtain a PhD and work in the area of fish health with the goal of reducing losses due to disease in aquaculture operations.



NEW MS STUDENT

Aiden Maddux recently joined Shannon Brewer's lab. He holds a BS in Fisheries & Wildlife Management from The University of Georgia. His work experience includes SCDNR and AU.

His thesis topic will be the location and movement of silver and bighead carp in the Lower Red River.

Aiden's career goal is to become a state fisheries biologist or work for a private conservation group.

NEW MS STUDENT

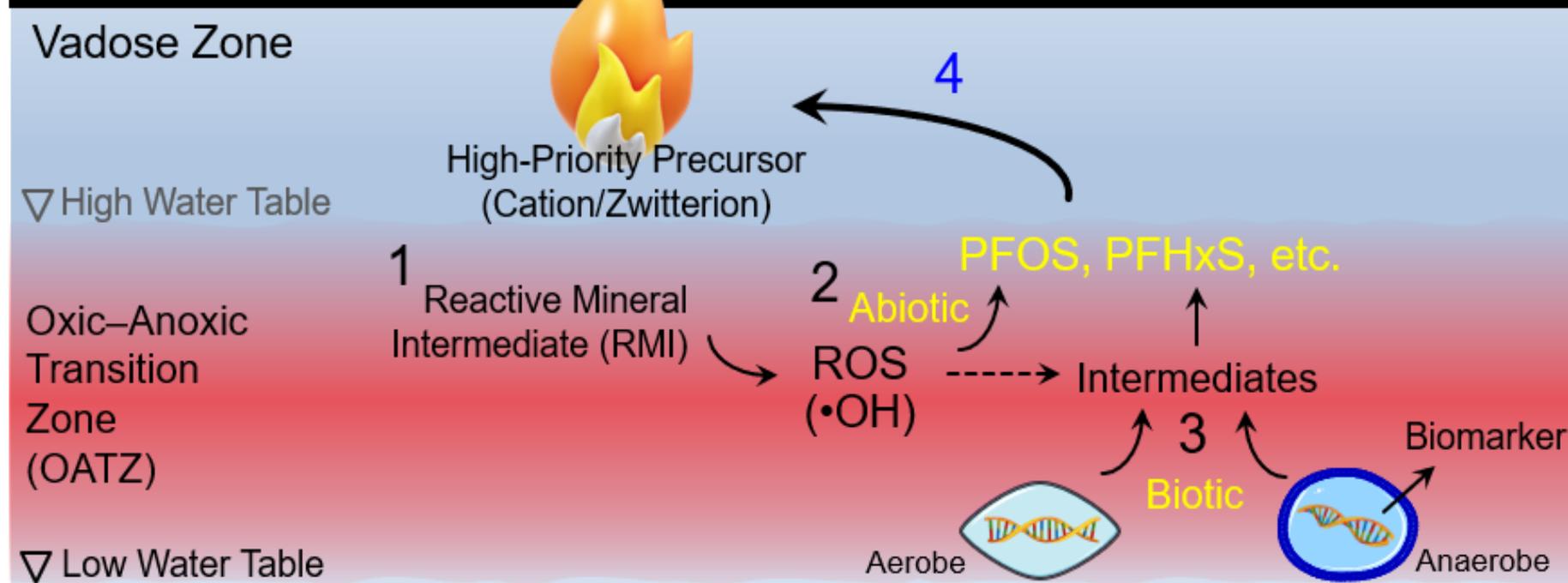
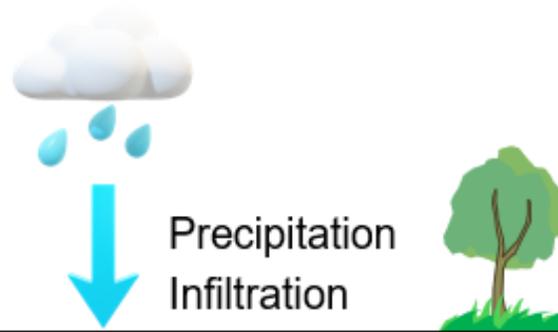


Dan Bryant will soon join Shannon Brewer's lab. He holds a BS in Fish, Wildlife & Conservation Biology from Colorado State University. Dan has previously worked for Wyoming Game & Fish and Colorado Parks & Wildlife.

His thesis topic will be evaluating the effects of harvest on population dynamics of three buffalo species.

NEW GRANT

AFFF in DoD Fire-Training Area



Transformation of PFAS Precursors in AFFF-Impacted Soil and Groundwater

Kevin Wang will be leading a \$1.38 million project funded by the Department of Defense to study the transformation of PFAS contained in fire-fighting foams.

An understanding of the transformation into high-priority PFAS substances will allow the design of better remediation programs.

DAM STORY



Dennis DeVries and **Rusty Wright** have been leading a large study, supported by the US Army Corps of Engineers, to answer questions about the impact of dams, locks, and locking times on fish passage in rivers.

Studies on the Alabama River have provided information to the Corps of Engineers and The Nature Conservancy as they explore ways to improve fish passage at the Claiborne and Miller's Ferry dams.

See the linked story for more information on fish passage questions and the DeVries / Wright projects.

<https://southern-science.com/2022/08/06/dam-disconnect/>

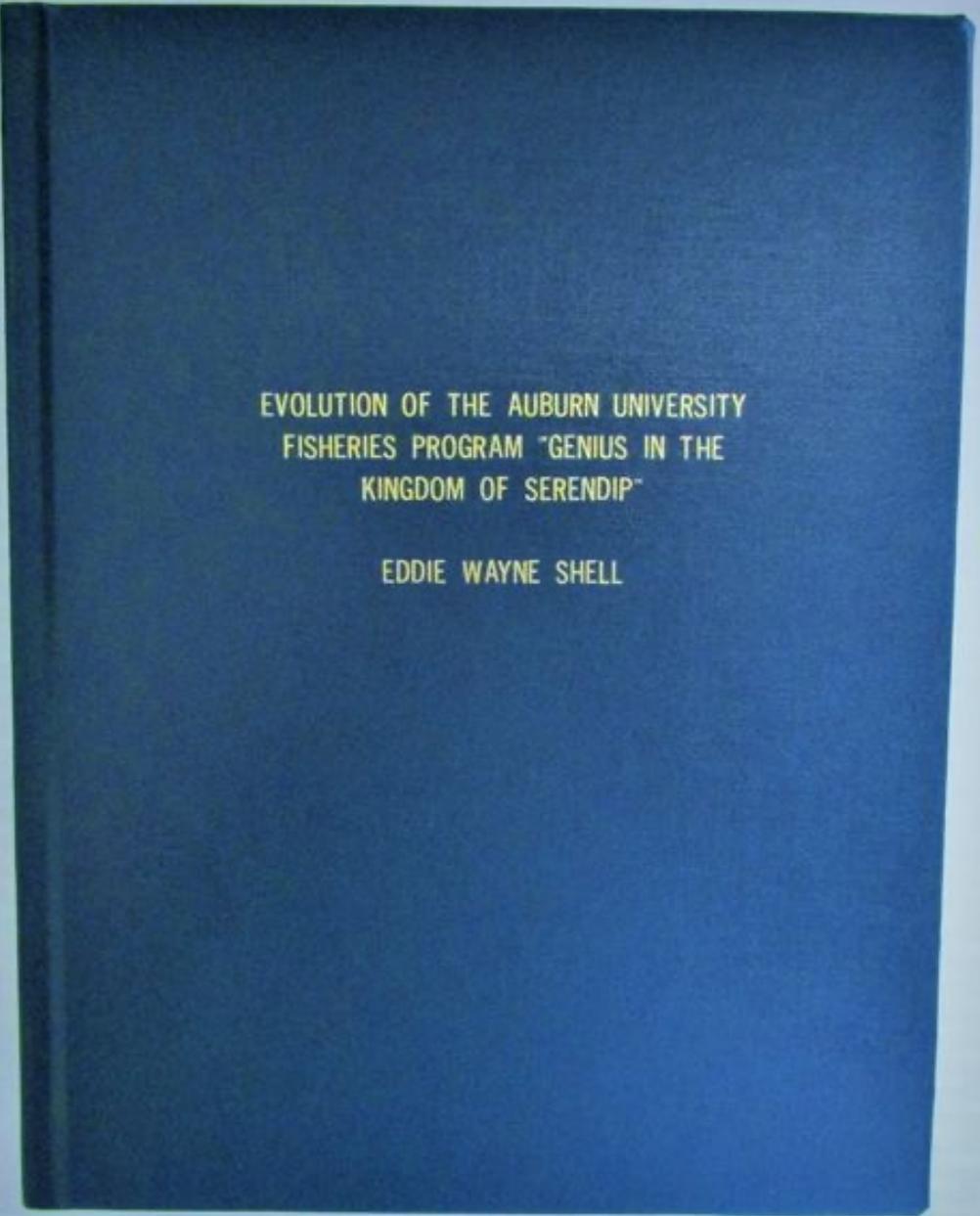
LAST CHANCE TO BUY DR SHELL'S BOOK

Greg Whitis worked with **EW Shell** to produce a hardback version of **Dr. Shell's** history of the Auburn Fisheries program.

The book is 862 pages in length and features 72 pages of color and black and white photographs. It also includes a complete list of graduates from 1948.

Greg will do one more printing, so this is your last chance to order one!

Gregorynwhitis.com



EVOLUTION OF THE AUBURN UNIVERSITY
FISHERIES PROGRAM "GENIUS IN THE
KINGDOM OF SERENDIP"

EDDIE WAYNE SHELL