



## President's message

by Randy Rushin

Hello Texas Chapter! As we rapidly approach the middle of 2017, your committee chairs are busy preparing for our next convention. We held our first Committee Meeting on April 12th to begin planning for the meeting that will be held at the Hilton in College Station on January 25 – 27, 2018. Speaking of the annual meeting -- we all owe Mike Homer a big high-five for not only securing a fantastic venue for the meeting, but also for scheduling our keynote speaker! That's amazing!

### **Do you know any potential Sponsors or Vendors who should be contacted?**

If so, please contact Stephanie George ([Stephanie.George@tpwd.texas.gov](mailto:Stephanie.George@tpwd.texas.gov)) and Stephen Curtis ([Stephen.Curtis@tpwd.texas.gov](mailto:Stephen.Curtis@tpwd.texas.gov)). They have been sending out letters to potential Sponsors and Vendors. Keep in mind, these donations help offset the cost of hosting the meeting and support the Student Scholarship Fund.

We want to welcome our newest Student Subunit to the Chapter – Tarleton State University! It's exciting to see so many students interested in joining and participating in our chapter. When I say participating – I do mean taking on active roles to support the chapter. TCAFS is the one of the few organizations where students can work side-by-side with professionals. So the message to all students is that we can use your help running the chapter. Take a look at the list of committees in this newsletter. If any of them sound appealing, please contact the chairperson. I promise, they will be happy to hear from you!

The other day, I was fortunate to participate in a tour of a 7,500-acre property. The landowner had implemented a land management program supported by US Fish & Wildlife and TPWD. Originally, they were interested in managing the deer population and then decided they wanted to reintroduce turkeys. I had no idea that there is very extensive and stringent process for being eligible to receive turkeys. Through this program, the landowner began implementing other Best Management Practices (BMPs) that also benefit stream flow and water quality. As a result their efforts (and significant financial commitment), they have inspired other landowners in their area to implement similar BMPs.

While on the tour, I learned about a program through the Texas Forest Service called Forests to Faucets. The idea is that through good forest management, the quality of our water supplies will be improved. And this got me to thinking – while this program is not focused on fisheries, their work has a direct positive impact on fisheries. In fact, the initial water quality and stream flow improvements in the watershed we toured is so promising that some organizations are looking into the feasibility of reintroducing paddlefish!

**Save the Date!**

TCAFS is headed to College Station!

 January 25-27, 2018

Hilton College Station & Conference Center

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## President-Elect's message

by Michael Homer

This year seems to be flying by, and we are almost to the halfway mark of 2017. As we have approached spring, TCAFS seems to be on schedule with plans for the 2018 annual meeting at the Hilton College Station and Conference Center. As I have deliberated on topics and candidates for potential speakers for the meeting, I have found some difficulty identifying a topic that would pertain to everyone from the various fisheries background that we have represented within our membership. Many of us have seen some drastic changes to legislation from our current president's administration that protects aquatic resources as well as changes in the leadership within our federal government that may be leaving many of us questioning what effects these changes will have to how fisheries are managed and protected. To bring someone to serve as a keynote speaker to address some of these changes to our chapter has proved difficult, and we are still awaiting how these changes may affect our country and the resources we so cherish. However, topics that have perplexed many of us is managing fisheries at the watershed scale and the importance of watershed management to fisheries conservation.

I am pleased to announce that Mike Montagne, Project Leader for the U.S. Fish and Wildlife Service(USFWS) Texas Fish and Wildlife Conservation Office, has offered to serve as the 2018 annual meeting keynote speaker. Mike Montagne has worked for the USFWS for 24 years, managing National Fish Hatcheries in Colorado and Utah, and is now the Project Leader of the Texas Fish and Wildlife Conservation Office (TXFWCO) in San Marcos. In his early career, Mike worked as part of the Upper Colorado River Endangered Fish Recovery Program, producing endangered fish for stocking into the Colorado, Gunnison, Green, Yampa, and San Juan Rivers, and helping to monitor the success of the recovery effort. Since 2010, Mike has been the Project Leader for the TXFWCO and has been responsible for; the conservation of aquatic species, recovery efforts of listed and candidate species, and conservation, restoration and enhancement of aquatic habitats in Texas. Currently, the TXFWCO, other USFWS offices, and our partners, are focusing on watershed level conservation in multiple river systems in Texas. Two of the main watersheds the USFWS are concentrating on are The Big Cypress Bayou and the Big Bend section of the Rio Grande. Mike's expertise will offer some introspection on fisheries management at the federal government level, and he plans to discuss watershed management and fisheries conservation while highlighting his projects in The Big Cypress Bayou and Rio Grande.

For other 2018 meeting news, the EXCOM plans to meet on June 13 at the Hilton College Station & Conference Center to conduct a site tour and provide committee updates. I will be meeting with the new contracts manager to discuss the plans for the meeting and to discuss menus for meeting breaks and the banquet. In the meantime, the hotel has already been allowing attendees to reserve their rooms under the "TCAFS2018" room block. Rooms will be offered at the State of Texas rate for singles and doubles, but pricing will increase to \$130 for triple occupancy and \$140 for quadruple occupancy. Again, we are nearly halfway to 2018, and our chapter can really use some help. We could use help finding items for raising scholarship money in the auctions and raffles. If you are interested in having more involvement in the chapter, join one of the committees within the chapter as well as one for the planning efforts for SDAFS' 2019 annual meeting to be hosted by TCAFS in 2019. I am sure I can speak for many members, we want to know what everyone is doing. Please consider submitting articles about your work, fishing ventures, research, and achievements to the TCAFS newsletter. abstract to Lastly, please consider submitting an abstract and presenting at the 2018 annual meeting.





**Texas Chapter of the American Fisheries Society is headed to College Station!**



**Come join TCAFS at our 2018 Annual Meeting!  
January 25-27, 2018  
Hilton College Station & Conference Center**



**Lodging information**

**Address: 801 University Dr., College Station, TX 77840**

**Phone: (979) 693-7500 Fax: (979) 260-1931**

**Room Block: "TCAFS 2018"**

**Rates: Single-\$110; Double-\$110; Triple-\$130; Quad-\$140**

**\*\*Please email [michael.homer@tpwd.texas.gov](mailto:michael.homer@tpwd.texas.gov) for more information\*\***

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## Tarleton State University TCAFS Subunit



Tarleton State University recently added a Fisheries Science degree through the Wildlife, Sustainability, and Ecosystem Sciences Department. So far, a handful of students have switched to this major and some incoming freshman have been accepted into this program. In January, a few students from Tarleton attended the TCAFS meeting in Corpus Christi. We were able to meet many professionals and learn a tremendous amount about current research projects, all while feeling right at home. We knew that this was an organization of which we wanted to be a part. This spring semester began our journey of becoming an AFS subunit. The Tarleton State University Subunit recently received approval from Texas Chapter to be officially recognized through AFS. We are awaiting approval from the Management Committee, and should hear back in mid-May. We are very excited to join AFS and Texas Chapter and are looking forward to being involved in future meetings and events! Our officer team currently consists of four officers: Lauren Halbert, president; Johnna Elkins, vice-president; Ricky Garibay, secretary; and Dylan Stratton, treasurer. Dr. T. Wayne Schwertner is serving as our faculty advisor. We are planning to have a back-to-school social in the fall to introduce our officers and start building our member base. We will begin having monthly meetings next semester, and we hope to have some local fisheries professionals come speak at these. We are also trying to plan hands-on field days so students can learn to use some of tools they will later use in their careers. It is our hope that our members can become as involved in the fisheries field as possible, but because we are such a new Subunit, we would appreciate any advice and/or guidance. We would like to reach out to all Texas Chapter members – officers, committee members, professionals, mentors, and other student subunits – and ask for any suggestions as to how to build membership and engage students. We welcome any and all ideas! Below is the contact information for our president and vice president. If you are interested in helping us out and sending a few suggestions our way, please reach out to us! We'd like to thank you in advance for the help we are sure you will provide!

President - Lauren Halbert – [lauren.halbert@go.tarleton.edu](mailto:lauren.halbert@go.tarleton.edu)  
Vice President - Johnna Elkins – [johnna.elkins@go.tarleton.edu](mailto:johnna.elkins@go.tarleton.edu)

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## Texas A&M Corpus Christi TCAFS Subunit



President - Tyler Steube- MS, Fisheries and Mariculture, available at [tsteube@islander.tamucc.edu](mailto:tsteube@islander.tamucc.edu) or [tyler.steube@gmail.com](mailto:tyler.steube@gmail.com) and 614-271-2118

Vice President - Polly Hajovsky- MS, Fisheries and Mariculture, [polly.hajovsky@tamucc.edu](mailto:polly.hajovsky@tamucc.edu)

Secretary/ Treasurer - Michelle Bromschwig, MS Fisheries and Mariculture, [bromschwig@islander.tamucc.edu](mailto:bromschwig@islander.tamucc.edu)



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# Texas Chapter AFS Annual Business Meeting Minutes

April 12, 2017

## EXCOM Conference Call

by Niki Ragan, Secretary Treasurer

**Determination of a quorum:** Yes, by Randy Rushin at 10:12am.

**President's Report** – (Randy Rushin): Randy introduced Mike Homer for his update on planning the 2018 annual meeting.

**SDAFS Officer Update** – (Craig Bonds): Not present; no report.

**President-Elect** – (Mike Homer):

- Has contract with the Hilton of College Station to host the 2018 meeting.
- The Hilton hotel sales manager manager, Stephanie Nichols, has left her position, and we are now working with Julie Freeman to coordinate our meeting contract. Mike has not met with her yet.
- Room block will be honored from 1/24-1/28, and it will be for 100 rooms at the state rate of \$110/night for single and double occupancy, triple occupancy @ \$130/night, and quadruple occupancy @ \$140/night. The state rate will be adjusted should they change in FY2018.
- The food and beverage minimum is \$8000, and the venue is offering 80% attrition for the room block.
- Room block is listed as "TCAFS 2018," and it will be honored until January 3, 2018.
- For every 40 rooms occupied, the Chapter will receive 1 comped room.
- If we meet the \$8,000.00 Food and Beverage minimum, the cost of the meeting space will be waived.
- Hotel renovation will be completed by end of Summer 2017, and it is within walking distance to lots of dining options (known to locals as "restaurant row").
- Hotel is offering a buffet for the student/mentor lunch with the option to pay on your own.
- Vegan, dairy-free, and gluten-free dining options will be available upon request.
- Possibility of acquiring the HOT Grant through the Convention and Visitors' Bureau to help cover some of the meeting costs.
- Taking recommendations for Plenary Speaker.
  - Ideas for topics: water level/quality issues, watershed conservation, R3 (Angler Recruitment, Retention, Reactivation)
- No charge for hosting our next business meeting at the hotel in June and doing a site tour.

**2019 Division Planning** – (Dan Daugherty):

- Oversight Committee: Dan Daugherty, Ken Kurzawski, and Kevin Storey
- Working on getting volunteers for Southern Division meeting.
- Appointed and recruited chairs for the major planning committees:
  - Program – Alice Best (also designing logo for meeting)
    - Debbie and Allison assisting
  - Finance/Registration – Greg Southard
  - Local Arrangements – Mike Morgan
    - John Taylor, Sarah Haas, Joe Beach assisting
  - Sponsorship/Fundraising – Tom Lang
    - Stephen Curtis and Stephanie George assisting

**Secretary/Treasurer's Report** – (Niki Ragan):

- Mike Homer came to Snook in February to help make transition.

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- PayPal switch is still pending, should be finalized this week.
  - Waiting on TAMU subunit tax info for Chapter taxes to be submitted (taxes have since been submitted to CPA).
  - Contributions to Bass and Coastal Brigade still need to be made.
  - Chapter bank account has \$23,389.20. Will deposit excess of \$14,000.00 into the endowment account.

#### **Old Business:**

- Dave Buzan is working on Procedures Manual and By Laws updates.
  - Requested comments, still waiting on some comments to come back.

#### **Website Update:**

- Currently, no links are operable.
- Need to discuss a back-up option.
- John Taylor and Sarah Haas are heading up efforts; Danny Lewis will remain as a technical resource but is stepping down as a chairperson because he is retiring.
- Need an ETA on when to expect completion so we can decide on next steps.
- Looking at possibilities for online registration:
  - RegOnline, Google Docs for abstract submittals, confex.com, Cvent
- Dan Bennett volunteered to help John, Sarah, and Danny.
- Recapped what caused us to need to move our site to AFS in the first place.
  - The Division site had been hacked, so we opted to move to go through the AFS site
- Sarah proposed to update the projectors used for TCAFS
  - Price list/quotes will be needed before they can be replaced

### **Committee Reports**

#### **Awards & History** – Michelle Nations (present):

- No update.

#### **Continuing Ed.** – Lynn Wright (present):

- No update, but Lynn welcomed suggestions for 2018 meeting continuing education courses and prospective educators.

#### **Editorial** – Dan Daugherty (present) and Allison Pease (not present):

- Via Dan, Allison is working on finishing up the proceedings from the year before last and will then start working on proceedings from this last year.

#### **Nominating** – Dan Bennett (present):

- Dan Daugherty was “voluntold” to run for president elect.
- Looking for other recommendations to run against Daugherty.
- Would like to see a procedural update to formalize the end of officer elections (by the end of the poster session) to have a finalized result the next day.
- Brought up the idea to have a voting slip included with the name tags or attendees’ registration folders.

#### **Endowments** – Dave Terre (present):

- San Antonio River Authority hired summer student intern out of 10-12 applicants
- Endowment account balance: \$294,175.38
- 4% growth since the first of the year
- ~ 30% of endowment is tied up in bonds – built for growth and income

#### **Issues** – Mark Webb (not present) and Niki Ragan (present):

- No update.

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**Membership** – Debbie Wade (present):

- No update.

**Pond Management** – Greg Binion (not present):

- No update.

**Publicity/Exhibits** – Stephen Curtis and Stephanie George (present):

- Received positive feedback on variety of items, handmade items, trips, and item bundles.
- Need volunteers for the day of the auction next year.
  - Amanda Gordon plus a couple of others have expressed interest.
- Roughly 10% of silent auction items were purchased with the “Buy Now” option.
- Recommendation was made to raise the “Buy Now” price if we continue to use it.

**Scholarship** – Jennifer Butler (present):

- No update.

**Student Outreach** – Joe Beach (present):

- AFS Annual Meeting to be held in Tampa, FL in August.
  - Current AFS students who volunteer for a minimum of 10 hours will be paid \$100 or \$10/hour after the meeting.
  - Students must sign up as a volunteer when registering online to receive benefit, and will be assigned to the greatest need.
  - AFS will hold a networking event just for students at the zoo and will have early bird student rates.
- UTSA subunit status is still pending.
- Tom Lang and Mike Homer helped Tarleton students with their paperwork to become a subunit.

**Student Subunit Chapter Reports** –

- None present; no update.
- Tarleton State subunit approved by EXCOM vote after business meeting.

**New Business:**

- Randy Rushin brought up the idea to get students or others involved with committee chairs to possibly step in and take over should something happen to existing chairs, to smoothen transitions, and to give students the opportunity to be more involved in the Texas Chapter.

**Adjourn:** Dan Daugherty made the motion to adjourn the meeting; Michelle Nations seconded the motion. Meeting adjourned at approximately 12pm.



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# TAMUCC AFS - An Active Part of the Corpus Christi Community

By Michele Nations, aka Facebook Maven

I helped the Texas A&M University Corpus Christi Student American Fisheries Society (TAMUCC AFS) Subunit by posting their activities out on the TCAFS Facebook page and listserv, and I want to recognize them in the newsletter, also.

First of all, they have a hefty mission statement:

*To advance public understanding of coastal and freshwater ecosystems, increase knowledge of fishery resources, promote fisheries related careers, and encourage AFS membership at the national, regional, state, and local level.*

They have developed an Education and Outreach Committee that is to be responsible for distributing information about the student sub-chapter, local fisheries, and water resources to its members, the community, and K-12 schools. To achieve this, their plans are to:

1. Create a student sub-chapter brochure for distribution.
2. Develop and compile educational resources for schools that focus on local ecosystems and Gulf of Mexico fisheries careers.
3. Organize fisheries related K-12 events including Kid Fish days in conjunction with the CCA Marine Development Center.
4. Manage social media accounts including Instagram (@afs\_tamucc) and Facebook, and provide media such as videos, photography, articles to encourage membership in the student sub-chapter.

Here are a couple of events they conducted in May 2017:

- May 18<sup>th</sup>: the TAMUCC AFS participated in the Texas Saltwater-Fisheries Enhancement Association (seatexas.com) 17<sup>th</sup> Annual Fundraising Banquet by assisting in set-up, take-down, banquet, and auction-related help. SEA is a Corpus Christi fisheries conservation group that has been a generous supporter of the TAMUCC AFS through the donation of funds which will allow subunit members to attend conferences in 2017 and 2018.
- May 19<sup>th</sup>: the TAMUCC AFS adopted University Beach from the Texas General Land Office Program called Texas Adopt-A-Beach (<http://www.glo.texas.gov/adopt-a-beach/>). Adopting the beach means they are committed to clean the marine debris three times a year for two years. This beach cleanup requires a lot of effort on the students' part and shows how much they care for their local coastline. Members picked up over 30 lbs. of trash and debris during that Friday morning cleanup. They recorded the items found and reported the information to the Ocean Conservancy. The students, families, and nesting birds will greatly appreciate all their efforts.





# Involve Me and I Learn

By Michele Nations, Awards Committee Chair

*Tell Me and I Forget. Teach Me and I Remember. Involve Me and I Learn.* – Benjamin Franklin

Benjamin Franklin was spot on. We can tell people something, and it usually goes in one ear and out the other. Right?

With a good teacher, the lessons are placed deeper in our minds, and we can remember more.

However, the third technique of reaching people requires a deeper interaction. Involvement could be as quick as someone submitting a nomination for a deserving person or group. Volunteering to be a judge for the Outstanding Fisheries Worker of the Year or one of the presentation judges requires you to be involved with other people on the awards committee, attendance at the meeting, studying the presentations being given, and applying your evaluation skills.

Another way of saying all of this is involvement means participating!

Help the committee chairs reach out to you to find out where you would like to be!

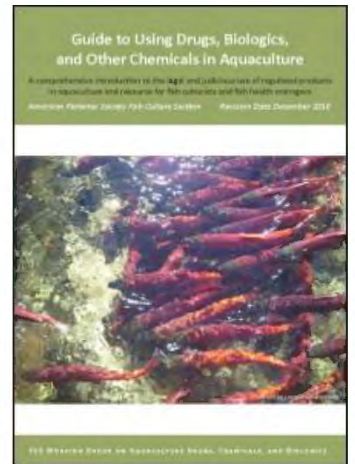
We know you are out there!



## Fish Culturists!

There is now a new edition of the Guide to Using Drugs, Biologics, and Other Chemicals in Aquaculture! Published by the AFS Fish Culture Section, dated December 2016.

All aquaculture operations have occasional demands for drugs, biologics, and other chemicals, collectively referred to as “regulated products.” The Guide to Using Drugs, Biologics, and Other Chemicals in Aquaculture was developed by the Fish Culture Section Working Group on Aquaculture Drugs, Chemicals & Biologics (WGADCB) as a comprehensive introduction to the use of regulated products in aquaculture and a resource for fisheries professionals.



The Guide, which includes updated information on aquatic drugs and contacts for providing feedback, can be found on <https://drive.google.com/file/d/0B43dbIZIJqD3Q2NqQkhfeV84emc/view>. A companion treatment calculator is available in Excel 97-2003 (.xls) and Excel 2010 (.xlsx) formats. These tools are indispensable for those in need of detailed information regarding the legal and judicious use of these products in aquaculture. By downloading the Guide, you are just a click away from valuable information!



Become a member of the American Fisheries Society and sign-up for the Fish Culture Section and check us out on Facebook!

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## US will miss 'aquaculture revolution' without skilled manpower, say experts



*Efforts needed to attract and retain the young to the industry*  
*By Aaron Orlowski*

The US aquaculture industry faces numerous hurdles: a negative image, a difficult regulatory environment and, crucially, a shortage of educated, skilled workers.

That lack of professionals, in turn, threatens to hold back the industry even as demand for farmed seafood and fish is rising and Americans grow increasingly aware of the origin of the food on their plates.

Well-trained workers with the necessary skills are hard to come by, Michael Schwarz, a past president of both the World and United States Aquaculture Societies, told Aquaculture North America (ANA). In the 25 years he's been in the industry, Schwarz has seen only attrition.

"As soon as you start looking for experience in fish culture and fish hatcheries, biosecurity, we're not getting the next generation jumping in," said Schwarz, who is also the director of Virginia Tech's Virginia Seafood and Agricultural Research and Extension Center.

Professors that started aquaculture programs in the 1970s and 1980s are retiring, and the faculty that are replacing them are professors that do other types of sciences, said Jesse Trushenski, the president-elect of the American Fisheries Society.

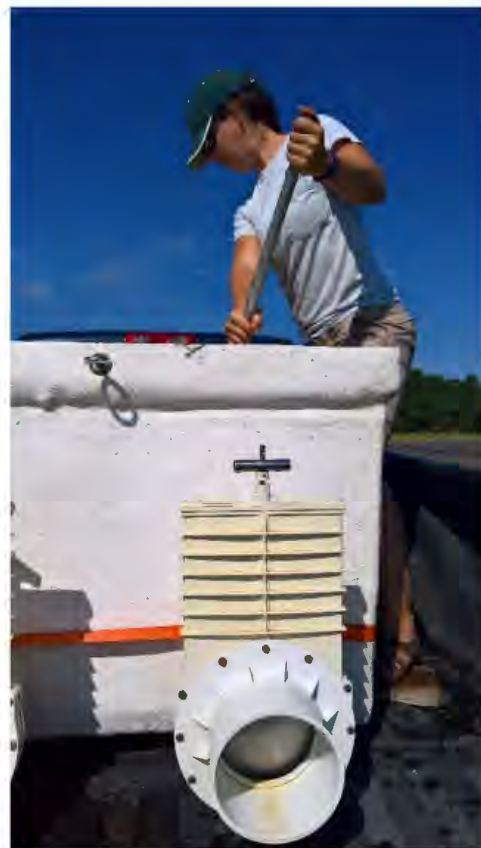
Some university administrators seem to favor basic science programs, believing they're better at securing grants and publishing papers, Trushenski told ANA. Programs that once provided training fisheries management and aquaculture now offer programs in evolutionary research or physiological ecology. Though basic research helps advance scientific knowledge, it doesn't offer the expertise that is more often needed by state agencies and the private sector, Trushenski said.

"Public fish hatcheries and private fish farms have an increasingly tough time finding and hiring people with appropriate education and, especially, hands-on experience in raising fish, and other aquatic species," said Trushenski, who is also the supervisor of the Eagle Fish Health Laboratory in Idaho. "Sourcing talent is an ongoing challenge."

The United States has been a leader in aquaculture research and development, if not industry growth. "Because growth of the aquaculture industry has been relatively slow in the US compared to other parts of the world, we tend to be a net exporter of aquaculture advances and talent," Trushenski said.

"We are in an aquaculture revolution. It's just this country is missing it," Schwarz said.

*From Aquaculture North America, Vol. 8, Issue 3, May/June 2017,*  
<http://aquaculturenorthamerica.com/>





## TPWD Launches new "Texas Rivers" Conservation License Plate

AUSTIN – Texans can help the Texas Parks and Wildlife Department keep the state's rivers healthy and flowing through their purchase of the new Texas Rivers conservation license plate, available now at [www.ConservationPlate.org/Rivers](http://www.ConservationPlate.org/Rivers).

"The new plate design features a Texas river cascading over boulders and past cypress trees while gently carrying a kayaker downstream past a fly fisherman casting into a yellow sunset," said Janis Johnson, the Conservation License Plate program manager at the Texas Parks and Wildlife Department. "We expect this plate will appeal to a broad group of people, including swimmers, tubers, anglers, canoers and kayakers, water conservationists and all of the people who love and appreciate Texas rivers."

The Texas Rivers plate sells for \$30, with \$22 going directly to Texas Parks and Wildlife Department to help conserve Texas rivers. This revenue will help fund the Department's "Conserving Texas Rivers Initiative," a public-private partnership that helps build and sustain capacity among local landowners, communities, and non-governmental organizations to conserve their hometown rivers. Since 2010, the initiative has helped restore more than ten thousand acres of springs, creeks, and streamside habitats for fish and wildlife. It has also helped restore Guadalupe Bass, the official state fish, in rivers of the Hill Country.

Plate revenues will also help expand opportunities for nature-oriented recreation on Texas rivers through the Department's River Access and Conservation Areas Program. Since 2012, the program has established 19 public river access areas on 10 rivers. These access areas provide opportunities for bank, wade and kayak/canoe fishing, wildlife viewing and other forms of nature-oriented recreation on more than 150 miles of Texas rivers. To learn more about these programs and how revenues from sales of the Texas Rivers conservation license plate will be used, please visit: <http://www.conservationplate.org/projects.phtml>.

"Texas rivers are treasured and indispensable resources that sustain us all, and the image on this new Texas Rivers conservation license plate illustrates the values associated with healthy, flowing rivers," said Tim Birdsong, Chief of Habitat Conservation for the Texas Parks and Wildlife Department's Inland Fisheries Division. "Our hope is that this new plate will help connect and unite those with a shared passion for conserving Texas' scenic, wild, and storied rivers for current and future generations."

The Texas Rivers plate is one of eight specialty plates that support the Department's mission. Others include the horned lizard, rattlesnake and hummingbird plates benefiting wildlife diversity; the white-tailed deer plate benefiting big game management; the large-mouth bass plate benefiting bass fishing; and the camping and bluebonnet plates benefiting state parks.

To buy the new Texas Rivers conservation license plate or one of the other seven designs available, visit [www.conservationplate.org](http://www.conservationplate.org) or your local county tax assessor-collector's office. You do not have to wait until you receive your renewal notice, you can order at any time and the cost will be pro-rated. All conservation plates are available for cars, trucks, motorcycles, trailers and RVs.



## Freebies for the busy fisheries professional!

### Free Office video training courses

Microsoft announced in March the release of six new video training courses covering Office basics. They're available as part of the Office Training Center.

<https://support.office.com/en-us/article/Office-Training-Center-b8f02f81-ec85-4493-a39b-4c48e6bc4bf6>

- Find what you need or get help and training with Tell Me.
- Use templates to create professional documents.
- Express complex ideas and data with SmartArt and Charts.
- Collaborate in shared documents whether you're working offline, online, or simultaneously with others.
- Work seamlessly anywhere with your favorite Office apps and pick up where you left off on any device.

#### What is Office 365?

- The latest Office apps, like Word, Excel, PowerPoint, and Outlook.
- The ability to install on PCs, Macs, tablets, and phones.
- 1 TB of OneDrive cloud storage.
- Feature updates and upgrades not available anywhere else.

#### Word training

- Documents and text
- Sharing, mailing lists, and sections
- Design, word count, and track changes

#### PowerPoint training

- Presentations, text, and images
- Design, audio, and video
- Animation, tables, and sharing

#### Excel training

- Workbooks, cells, and formulas
- Tables, charts, and analysis
- PivotTables, collaboration, and Mac

#### Outlook training

- Emails, text, and images
- Calendars, meetings, and to-do lists
- Mac, iPhone, and iPad



Office



Word



Excel



Outlook



PowerPoint



OneNote



Access

If you are totally unfamiliar with some of the Microsoft Office applications, this might be a good introduction. The training tends to be basic but in our rush to use software, we often overlook the fundamentals so you might still get something out of these videos. Your only cost is in time. Who knows you might become the authority in your section!

### Apple gives it away

For the Mac users in the crowd, in case you hadn't heard, the latest versions of Pages, Numbers, and Keynote for iPhones, iPads, and Mac are all now free. Previously, the Mac versions of these apps cost \$19.99 per app, and the iOS versions cost \$9.99 per app. However, Apple has included its first-party apps for free with new iPads and Macs in the past, so you might already have downloaded these apps. Apple also made iMovie and GarageBand free for iOS and Mac as well. Previously, the iOS versions of those apps cost \$4.99 on Apple's App Store.

Quick recap, you can get Pages, Numbers, Keynote, GarageBand, and iMovie on Mac and iOS all free.



Hey, GarageBand might come in useful if you want to record a musical version of your presentation! Just saying...



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## Join the Texas Chapter

If you are interested in joining or renewing your membership to the Texas Chapter of the American Fisheries Society, you can get membership materials at our web site, <http://sd.fisheries.org/tcafs/> or by contacting Deborah Wade, Texas Freshwater Fisheries Center, 5550 FM 2495, Athens, TX 75752, (903) 670-2234, [Deborah.Wade@tpwd.state.tx.us](mailto:Deborah.Wade@tpwd.state.tx.us)

**If your e-mail address has changed, please contact us with an update so you can continue to receive the chapter newsletter.**

Members are encouraged to make submissions to the Newsletter Editor by mail or e-mail to one of the addresses listed below.

### EXECUTIVE COMMITTEE

*PRESIDENT* ..... Randy Rushin  
*PRESIDENT-ELECT* ..... Michael Homer  
*PAST-PRESIDENT* ..... Dave Buzan  
*SECRETARY-TREASURER* ..... Niki Ragan

### COMMITTEE CHAIRPERSONS

*AWARDS* ..... Michele Nations  
*CONTINUING EDUCATION* ..... Lynn Wright  
*EDITORIAL* ..... Dan Daugherty & Allison Pease  
*ENDOWMENTS* ..... Dave Terre  
*HISTORY* ..... Michele Nations  
*INTERNET* ..... Sarah Haas & John Taylor  
*ISSUES* ..... Mark Webb  
(includes Stocks-at-Risk & Exotic Species Sub-committees)  
*MEMBERSHIP* ..... Deborah Wade  
*NOMINATING* ..... Dan Bennett  
*POND MANAGEMENT* ..... Greg Binion  
*PUBLICITY / EXHIBITS* ..... Stephen Curtis & Stephanie George  
*SCHOLARSHIP* ..... Jennifer Butler  
*STUDENT OUTREACH* ..... Joe Beach

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