

National Shellfisheries Association Quarterly Newsletter



Est. 1908

2026(1)

President's Message



The National Shellfisheries Association remains a vibrant, mission-driven community dedicated not only to advancing shellfish science, but to strengthening the people behind it. Through its conferences, student development efforts, and the continued success of the *Journal of Shellfish Research* -

which has expanded its international reach and earned another APEX Award - the Association demonstrates its commitment to both scientific excellence and professional growth. The NSA is stable, supported by BioOne royalties, steady membership, and active recruitment, with strong leadership guiding an optimistic path forward.

At the heart of this strength is connection. Scientific meetings, especially the annual NSA gathering, are more than venues for presenting data; they are spaces where relationships form and ideas evolve. Researchers, industry professionals, resource managers, and students come together not just to share findings, but to listen, mentor, question, and collaborate.

Face-to-face conversations - whether sparked during a Q&A session, continued over meals, or developed beside a poster - build trust and open doors to new partnerships. These interactions often lead to innovative projects and enduring collaborations that extend far beyond the meeting itself. In this way, connections transform our conferences into a dynamic, supportive ecosystem that sustains and advances the entire shellfish science community. I'm looking forward to our upcoming meeting immensely.

Kevin D.E. Stokesbury, President



'BioOne Subscribe to Open'

Thanks to the critical support of subscribing institutions worldwide, all 2026 content published in the *Journal of Shellfish Research* will be freely available as Open Access.

This means that all research in the *JSR* in 2026 will be open access to reach the widest possible international audience.

This milestone represents a significant step forward in BioOne's commitment to making research accessible to everyone. Through the collective support of the global library community, every article published in the *JSR* during the 2026 volume year will be immediately available to readers worldwide - at no cost to authors.

In this issue:

- 118th Annual Meeting Workshops
- *In Memoriam*: Danielle Kreeger
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Photo credit: L. Butler (Drexel University and the Philadelphia Water Department)

In Memoriam: Danielle Kreeger

December 8, 1962 – December 30, 2025

Our dear colleague and friend Danielle Kreeger passed on Dec 30, 2025, after a sudden and tragic illness. She leaves behind a magnificent legacy of research, outreach, leadership, and mentorship that has benefited many and remains for others. She was courageous in her life choices, despite adversity and prejudice. She will be deeply missed by those who knew and respected her amazing accomplishments, passion, energy and courage.

Danielle completed her MS at University of Delaware and her PhD at Oregon State University. Danielle was very involved in the National Shellfisheries Association. She was President (2002-2003), Treasurer (1998-2001), Chair of Past-Presidents/Elections/Awards, worked with students as well as organized and chaired special sessions. As President (2016-2018) and Historian of the Atlantic Estuarine Research Society, she demonstrated her passion for applied estuarine science and support for students and early-career scientists. In recognition of her impact they awarded her "[The Venerable Clam](#)" which is their highest honor that she shares with quite a number of notable NSA members.

As Science Director and Senior Scientist of the Partnership for the Delaware Estuary (2006-2024), Danielle transformed the partnership into a science-based institution and developed programs for wetland restoration and assessment, living shorelines and freshwater mussel recovery. She used her deep understanding of shellfish physiology and ecology to support the optimal implementation of restoration management and policy decisions. She founded a pilot-scale hatchery for mussel propagation at Philadelphia historic Fairmount Water Works. One of her greatest accomplishments was being the founding force and driver of the biennial Delaware Estuary Science Summit. This biennial event brought together leading experts from academia, industry, government, and others to share information, strengthen partnerships, and allow students to interact with leaders in a non-threatening environment. The event has touched and shaped careers of countless individuals who represent the future of our coastal resource science development and management. As a Senior Scientist at The Academy of Natural Sciences of Drexel University and an Associate Research Professor at Drexel University (2005-2025), as well as a Visiting Scientist at Bryn Mawr College and the Rutgers Haskin Shellfish Research Laboratory, Danielle led the development of freshwater mussel restoration that coupled hatchery production, field trials, and watershed-scale improvements in water quality of the Delaware River system. At each institution, she enthusiastically participated in academic programs where she taught and advised graduate students. She used these platforms to bring nature-based solutions to the Delaware Estuary that were grounded in science.

Danielle published 52 peer-reviewed papers, > 500 technical reports, and made many other contributions to science and nature-based ecosystem management. Danielle was a dedicated and inspirational mentor to many students and peers. Her students came to appreciate the role and value of organisms within ecosystem processes. She pushed her students to think critically and work hard, but always took time to review their work carefully and provide the guidance needed with encouragement and compassion. Even after her formal role as an advisor ended, she remained engaged with former students to learn from them, offer advice, and provide encouragement.

Danielle was an avid outdoor enthusiast. She preferred fieldwork over office work, getting her hands dirty and doing the actual work of ecological science to get that first-hand insight and experience. Outside of work she got her hands dirty collecting antique bottles and artifacts often recovered by digging in colonial privies. She claimed her massive collection would fund her retirement. Danielle was a life-long surfer, always looking for a opportunity to hit the waves and put her impressive collection of surfboards to use. In winter, she switched to snowboards and stayed in shape earning a black belt in karate.

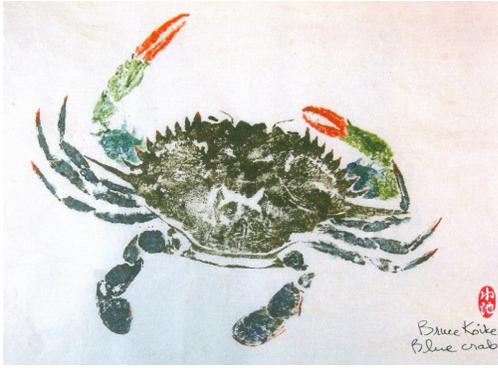
Danielle was many things to many people. She was intense, energetic, and hard working. She was friendly, stubborn, smart, humble, trustworthy, and "real". She could take a joke, but rarely joked about others. She was someone to have a beer with at the end of a long day, preferably a local IPA, and if possible, while watching Philly sports or hitting the dance floor. Danielle's passion for ecology, shellfish, her friends and family, and life in general was contagious and will be greatly missed.



Dave Bushek
Chris Langdon

Link to obituary: <https://www.cavanaghfuneralhome.com/obituaries/Danielle-Kreeger?obId=46869789>

118th ANNUAL MEETING WORKSHOPS - pre-register now:



Gyotaku Workshop

Wednesday, March 25th, 2-5 pm

This hands-on workshop introduces the Japanese art of *Gyotaku*. All materials and supplies are provided for this 3-hour session that focuses on finfish as the printing subject. Cost: \$115 for professionals and \$95 for students. Email Bruce Koike to sign up: koike.bruce@gmail.com



NASA Aquaculture Workshop

Monday, March 23rd, 9:15 am - 12:15 pm

This introductory workshop will provide an overview of NASA remote sensing data for supporting shellfishery activities in marine and freshwater environments. No prior knowledge or experience is required to attend the training. Attendees should bring their laptops to participate in hands-on experiences. [Sign up now](#)

OTHER WORKSHOPS:

Regional Shellfish Seed Biosecurity Program (RSSBP) Workshop: West Coast Shellfish Seed Biosecurity Status and Needs

Art & Design of Effective Science Presentations Workshop

Northeast Bivalve Hatchery Health Consortium

NSA AT THE MOVIES



Movies will be playing on a loop throughout the conference - pop in when you have time!

SILENT AUCTION

XYLEM ANALYTICS has very generously donated a ProSolo ODO/CT kit for the Student Endowment Fund Auction.

The kit includes the ODO/CT sensor with storage cup, a 15 ft cable, and the handheld display/logger.

You are welcome to submit bids, even if not attending the meeting, up to 5 pm, Tuesday 3/24/26.



Submit bids to Jay Parsons
(jay.parsons007@gmail.com)

An Update from the NSA Student Endowment Fund Committee

Student Travel Awards

To assist students with the costs of attending the upcoming annual meeting in Portland, the SEF Committee adopted a lottery-based system that offers waivers for either registration costs or accommodation costs. The SEF Committee received 30 applications from students, 29 of which were eligible at the time of the random drawing. Of those, a total of 12 students will receive funding, with six students being provided with shared accommodation at no cost (three rooms x two students per room) and six students being provided with registration waivers.

ATTENTION: Calling Graduate Student Presenters & Presentation Judges!

Student Presentation Awards

At the annual meeting, the NSA will be adjudicating competitions for both its Thurlow C. Nelson (Outstanding Oral) and Gordon Gunter (Outstanding Poster) Presentation Awards. The winners of these awards receive membership for two years in the Association and a Certificate of Accomplishment. If you will be a graduate student presenter at the meeting (or are a recent graduate presenting your Master's or Ph.D. research) and want your presentation (oral or poster) to be considered for these awards, please contact Steve Geiger to be added to the list (Stephen.Geiger@MyFWC.com). Please note that you must have paid your 2026 NSA membership dues to be eligible for these awards (preferably well before the meeting).

And of course, the Presentation Awards would not be possible without judges. If you will be attending the annual meeting and are willing to serve as a judge, please contact Steve Geiger (Stephen.Geiger@MyFWC.com) to be added to the list of judges. More information will be forthcoming once the schedule of eligible presentations and the judges list has been finalized.

More information about both of these student support opportunities can be found here: <https://www.shellfish.org/sef-student-presentation-and-travel-awards>

If you would be willing to help the Association by serving on the Student Endowment Fund Committee, please contact Steve or NSA President, Kevin Stokesbury.

Special thanks to past SEF Committee Chairs, Peter Kingsley-Smith and Melissa Southworth, for their help with the awards process.

We look forward to seeing you in Portland!

Steve Geiger
NSA Student Endowment Fund Committee



10 Most Cited Papers from the Journal of Shellfish Research (2005-2025)

Most-referenced was retrieved from Dimensions (another product from Digital Science) and citations are derived from publisher metadata, Crossref, PubMed Central, and OpenCitations. Source: BioOne.

1. Mann, R., & Powell, E.N. 2007. Why oyster restoration goals in the Chesapeake Bay are not and probably cannot be achieved. *Journal of Shellfish Research*, 26(4): 905-917.
2. Rosa, Maria, Ward, J. Evan, & Shumway, Sandra E. 2018. Selective capture and ingestion of particles by suspension-feeding bivalve molluscs: a review. *Journal of Shellfish Research*, 37(4): 727-746.
3. Karatayev, Alexander Y., Boltovskoy, Demetrio, Padilla, Dianna K., & Burlakova, Lyubov E. 2007. The invasive bivalves *Dreissena polymorpha* and *Limnoperna fortunei*: parallels, contrasts, potential spread, and invasion impacts. *Journal of Shellfish Research*, 26(1): 205-213.
4. Tolley, Gregory S., & Volety, Aswani K. 2005. The role of oysters in habitat use of oyster reefs by resident fishes and decapod crustaceans. *Journal of Shellfish Research*, 24(4):1007-1012.
5. McKindsey, Christopher W., Landry, Thomas., O'Beirn, Francis X., & Davies, Ian M. 2007. Bivalve aquaculture and exotic species: a review of ecological considerations and management issues. *Journal of Shellfish Research*, 26(2): 281-294.
6. Brumbaugh, Robert D. & Coen, Loren D. 2009. Contemporary approaches for small-scale oyster reef restoration to address substrate versus recruitment limitation: a review and comments relevant for the Olympia oyster, *Ostrea lurida* Carpenter, 1864. *Journal of Shellfish Research*, 28(1): 147-161.
7. Waldbusser, George G., Steenson, Ryan A., & Green, Mark A. 2011. Oyster shell dissolution rates in estuarine waters: effects of pH and shell legacy. *Journal of Shellfish Research*, 30(3): 659-669.
8. Wang, H., Qian, L., Liu, X., Zhang, G., & Guo, X. 2010. Classification of a common cupped oyster from southern China. *Journal of Shellfish Research*, 29(4): 857-866.
9. Watson, Sue-Ann, Southgate, Paul C., Tyler, Paul A., & Peck, Lloyd S. 2009. Early larval development of the Sydney rock oyster *Saccostrea glomerata* under near-future predictions of CO₂-driven ocean acidification. *Journal of Shellfish Research*, 28(3): 431-437.
10. Cook, Peter. 2016. Recent trends in worldwide abalone production. *Journal of Shellfish Research*, 35(3): 581-583.

Access these articles (as well as hundreds of other journals/resources) using your institution's BioOne subscription ([see list of subscribing institutions](#)).

Recruits Corner

Dear Recruits,

We hope you all have had a fantastic beginning to 2026. We are looking forward to seeing you at the NSA 118th Annual Conference in **Portland, OR** from **March 22 - 26, 2026**.



Early-bird registration rates for students end on February 20, 2026. If you haven't begun travel planning, we highly recommend beginning to make hotel, flight, and other travel reservations.

We are planning our annual student activities for the students attending. We will begin with the **Annual Student Field Trip** to the **Oregon Zoo on March 22nd**. We will also be hosting the **Annual Student Breakfast on March 23rd**. Both of these events will require **sign-ups prior to the conference**, so please watch your email if you are interested in participating. Additionally, we will also be hosting a graduate student night out. Watch your emails for more details.

To facilitate student communication at the conference, we will also be creating a Discord server where you will be able to chat with other students, post about events, or share photos! Discord is a free app available for iOS and Android, so download the app on your way to the conference! **The link to this Discord server will be sent to student Recruits over email - please do not share or disseminate the link.**



Student Recruits who have received Student Endowment Fund Travel Awards will be required to volunteer at the conference. Make sure to sign up for slots. Any other students who would like to help and volunteer are welcome to sign up as well. Volunteering is a great way to meet your peers, get involved, and help the conference run smoothly!

Stay in the loop by following the Student Recruits website (<https://www.shellfish.org/student-members>), facebook page (<https://www.facebook.com/groups/2216454881732029>), and NSA instagram (@nationalshellfisheries).

We are always happy to hear from you, so reach out with ideas, questions, or concerns.

Emily Fuqua (efuqua@fsu.edu)
Anne Gilewski (anne.gilewski@uconn.edu)

NEW PAID LIFE MEMBER

Thank you, Alyssa Mullen

Log-in to renew and update your membership status (www.shellfish.org), or contact the Secretariat with any questions (secretariat@shellfish.org)

BioOne Ambassador Forum

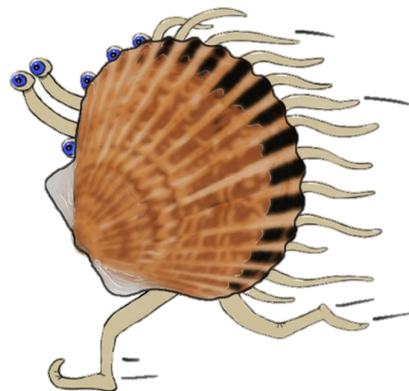
How are early-career researchers shaping scientific communication? Watch a special conversation featuring the 2025 BioOne Ambassador Award winners, including NSA student member, Jessica Pruett: <https://www.youtube.com/watch?v=uYKHuYGQjRw>

The BioOne Ambassador Award recognizes early-career researchers who excel at communicating the importance and impact of their specialized research to the public. BioOne Ambassadors are selected from among early career researchers published in BioOne Complete journals, such as the *Journal of Shellfish Research*.



Please check with your libraries and encourage them to subscribe to BioOne.2 or BioOne Complete for full access via the library portals. "Hits" count when it comes to royalties and these funds are very important to the NSA and support of publication of the JSR. Check out Jessica's manuscript and USE BIOONE OFTEN!

The Scallop Gallop NSA 5K in Portland



Contact Emily or Anne:
efuqua@fsu.edu
anne.gilewski@uconn.edu

COME AND CELEBRATE 50 YEARS OF INTERNATIONAL PECTINID WORKSHOPS!



The International Pectinid Workshop is coming to New Bedford, Massachusetts, USA, April 22-28, 2026. The meeting will be held in the Whaling Museum.

This is your chance to enjoy all things scallop – bring your latest research and ideas, and enjoy the camaraderie of fellow scallop enthusiasts. Watch for updates.

<https://internationalpectinidworkshop2026.com>

REVIEWERS NEEDED for the JSR

Every manuscript that arrives at the JSR office needs reviewers – usually two, sometimes more. Every manuscript that you submit to a journal, JSR or others, requires the same, i.e., if you are publishing, you should be reviewing. Securing quality reviews in a timely manner is a never-ending task and often difficult to accomplish. The same excuses prevail, too busy, class project, grant deadline, teaching schedule, travel, dead grandmothers, and more. EVERYBODY IS BUSY, nothing special about your schedule. Moreover, reviewing papers can be interesting, only manuscripts closely related to your field of study are sent, so you should be keen to see what new work is being done.

One of my favorite messages is the one that says ‘my paper was submitted on XXX and I have not heard back from you’ – sent by someone who has been asked to review numerous times and never helped out. It’s common, it’s frustrating, and it is unfair. Senior scientists are the most guilty parties and these are the very individuals that can and should be offering their expertise to the younger generations.

Students: you should learn how to review a manuscript as part of your graduate training. This can be done in collaboration with your advisor and is encouraged.

PLEASE, when you receive a request to review a manuscript, think about it carefully before relegating to the trash or replying that you are too busy. This is your opportunity to help your colleagues, students, and the *Journal*.

If you interested in serving as a reviewer, please contact the Editor and include either your resume or key words describing your areas of expertise.

THANK YOU to all who already contribute!

Sandy Shumway
Editor

NSA Pacific Coast Section News

Planning is officially underway for the PCSGA/NSA-PCS Annual Conference and Tradeshow, which will be held at the Semiahmoo Resort in Blaine, WA, from September 14–18, 2026. This year marks the 80th anniversary of the PCSGA, and NSA-PCS has been a dedicated partner in this conference since 1960.

Over the coming months, the Planning Committee will develop the agenda, workshops, and speaker lineups, as well as the usual activities such as the Auction, Fun-run, and student fundraisers, and some special ones to help celebrate this occasion. If you are interested in presenting, please note that the call for titles, abstracts, and workshop proposals will open in April. If you have any questions, please contact me at szeiner@nwifc.org.

Additionally, the NSA-PCS and PCSGA are co-sponsoring the *Dr. Kenneth Chew Research Scholarship* in honor of the late Dr. Kenneth Chew. This \$1,200 scholarship award is a wonderful opportunity; please watch for further details and application instructions.

If you have not yet renewed your NSA dues, please do so and remember to check the PCS box and include an additional \$10 to maintain your membership in the Pacific Coast Section of National Shellfisheries Association.

For the latest news regarding our Section and upcoming meetings, please visit our Facebook page.

I look forward to seeing you at the upcoming conference in Portland, Oregon.

Sandy Zeiner
Chair, Pacific Coast Section



From Maine to Massachusetts - FoodBev Media highlights sustainable shellfish operations



<https://www.foodbev.com/news/lobster-boats-and-cranberry-bogs-a-journey-through-new-england-s-f-b-landscape>

Officers, Committee Chairs, & Staff of the National Shellfisheries Association

EXCOM Members

Kevin Stokesbury
President
SMAST/UMASSD
836 South Rodney French Blvd
New Bedford, MA 02744
Email: kstokesbury@umassd.edu

Melissa Southworth
President-Elect
VIMS
P.O. Box 1346
Gloucester Point, VA 23062
Email: melsouth@vims.edu

Brian Beal
Vice-President
University of Maine at Machias
Downeast Institute
116 O'Brien Avenue
Machias, ME 04654
Email: bbeal@maine.edu

Jay Parsons
Treasurer
68 Ch Du Barrage
Chelsea, QC Canada J9B 1N2
Phone: (613) 290-5333
Email: Jay.Parsons007@gmail.com

Peter Kingsley-Smith
Secretary
Marine Resources Research Institute
South Carolina Dept. of Natural Resources
217 Fort Johnson Road
Charleston, SC 29412
Phone: (843) 953-9840
Email: kingsleymithp@dnr.sc.gov

Aswani Volety
Past-President
Chair, Past-Presidents, Elections, and
Awards Committees
UNCW
601 South College Road
Wilmington, NC 28403
Email: voletyak@uncw.edu

Steven M. Allen
Senior Past-President
Editor, *NSA Quarterly Newsletter*
32 Towle St
Auburn, ME 04210
Phone: (443) 994-5164
Email: stevenmallen@gmail.com

Ed Catapane
2023-2026 Member-at-Large
2105 Gerritsen Ave
Brooklyn, NY 11229
Email: catapane@mec.cuny.edu

Don Webster
2024-2027 Member-at-Large
Wye Research & Education Center
124 Wye Narrows Drive
Queenstown, MD 21658
Email: dwebster@umd.edu

Bobbi Hudson
2025-2028 Member-at-Large
Pacific Shellfish Institute
120 State Avenue NE
#1056
Olympia, WA 98501
Email: bobbi@pacshell.org

Sandra E. Shumway
Editor, *JSR*; Conference Manager;
Chair, Membership Committee
University of Connecticut
Dept. of Marine Sciences
1080 Shennecossett Road
Groton, CT 06340
Phone: (860) 405-9282
Email: sandra.shumway@uconn.edu

John N. Kraeuter
Chair, Audit-Budget-Finance Committee
1 Hills Beach Road
Biddeford, ME 04005
Email: kraeuter@hsrl.rutgers.edu

Sandy Zeiner
Chair, Pacific Coast Section
Northwest Indian Fisheries Commission
6730 Martin Way East
Olympia, WA 98516
Phone: (360) 528-4370
Email: szeiner@nwifc.org

Other Contacts

Roger Mann
Co-Chair, Publications Committee
Virginia Institute of Marine Science
P.O. Box 1346
Gloucester Point, VA 23062
Phone: (804) 684-7360
Email: mann@vims.edu

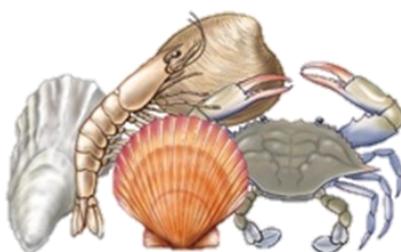
Juliana Harding
Co-Chair, Publications Committee
Coastal Carolina University
Department of Marine Science
P.O. Box 261954
Conway, SC 29528-6054
Email: jharding@coastal.edu

Stephen Geiger
Student Endowment Awards
Florida Fish & Wildlife Research Inst.
100 8th Avenue S.E.
St. Petersburg, FL 33701
Email: steve.geiger@myFWC.com

Emily Fuqua
Recruits, Co-Chair
Florida State University
47 Meadowlark Drive
Crawfordville, FL 32327
Email: efuqua@fsu.edu

Anne Gilewski
Recruits, Co-Chair
University of Connecticut
Dept. of Marine Sciences
1080 Shennecossett Rd
Groton, CT 06340
Email: anne.gilewski@uconn.edu

Noreen Blaschik Favreau, *Secretariat*
Associate Editor, *NSA Quarterly Newsletter*
Webmaster
University of Connecticut
Dept. of Marine Sciences
1080 Shennecossett Rd
Groton, CT 06340
Email: secretariat@shellfish.org



Noreen Blaschik Favreau, *QNL* Associate Editor
University of Connecticut
Marine Sciences Department
1080 Shennecossett Rd
Groton, CT 06340 USA
Forwarding Service Requested

RENEW YOUR DUES

Be sure to review your membership profile. Contact secretariat@shellfish.org with questions.

www.shellfish.org

Upcoming Events

Florida United Malacologists: - Apr. 11, 2026. Florida, USA. For more information: <https://shellmuseum.org/shells-and-science/florida-united-malacologists/>

24th International Pectinid Workshop: Apr. 22-28, 2026. New Bedford, Massachusetts, USA. For more information: <https://internationalpectinidworkshop2026.com/>

American Malacological Society 2026: Jun. 15-18, 2026. Syracuse, New York, USA. For more information: <https://ams.wildapricot.org/>

CLAMA 2026 - XIII Congreso Latinoamericano de Malacologia: Aug. 17-21, 2026. Cartagena, Colombia. For more information: <https://asocoma.co/>

International Conference on Molluscan Shellfish Safety: Sept. 6-11, 2026. Exeter, England, UK. For more information: <https://www.icmss.net/>

13th International Conference on Fisheries & Aquaculture: Sept. 29-30, 2026. Miri, Sarawak, Malaysia. For more information: <https://aquaconference.tiikm.com/>

7th World Conference on Marine Biodiversity: Nov. 17-20, 2026. Belgium. For more information: <https://www.wcmb2026.org/>

119th NSA Annual Meeting: Mar. 21-25, 2027. Baltimore, Maryland, USA. Watch for details.

120th NSA Annual Meeting (Triennial): Feb. 7-11, 2028. Seattle, Washington, USA. Watch for details.

If you would like to announce a meeting, conference, workshop, or publication of interest to NSA members, please contact the *QNL* Editor, Steven Allen (stevenmallen@gmail.com).

