#### Recommendations for Supervisor Appointment Soil and Water Conservation Commission September 17, 2025

District Burke	Name of Nominee Evan S. Crawley	Replacing Name Harold Hicks Pollard	Term Appointed (22-26)	Willing to attend Basic Training Attended Feb 2020	Willing to attend other meetings Yes (local, area, state)	Number of Guiding Principles met (out of 11) 8	Reason for Vacancy Resignation	Notes  Has served as an elected supervisor since 12/20. Lincoln SWCD Director; significant program experience and younger perspective. Will step into a leadership role for NCASWCD Area 2 (Treasurer).
Mitchell	Sam Silver	Gary Hyatt	Elected (22-26)	Yes	Yes (local, area, state)		Elected to another board	Has had long-term participation in conservation programs. Active with other organizations, including NC Extension, FSA, etc. Community connections and interaction with young farmers.
New Hanover	Byron R. Toothman III	Evan Folds	Elected (22-26)	Attended Jan 2025	Yes (local, area, state)	5	Resignation	Served as an Associate Supervisor since 12/24. Direct connection to UNC Wilmington aquaculture research.

Revised 09/02/2025

### Fischer, Kristina

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>

**Sent:** Tuesday, August 19, 2025 4:12 PM

**To:** Fischer, Kristina

**Subject:** [External] Nomination for Supervisor Appointment Result #15634145

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Reference #	15634145
Status	Complete
Login Username	leaann.branch@burkenc.org
Login Email	leaann.branch@burkenc.org
Appointment or Reappointment	New Appointment
District:	Burke
Unexpired/Expired Term of Supervisor:	Harold Hicks Pollard
Elected/Appointed	Appointed
Term of Office	December 2022 to December 2026
Name of Nominee:	Evan S. Crawley
Nominee Mailing Address:	4356 Denton's Chapel Road
City:	Morganton
State:	NC
Zipcode:	28655
Nominee Email Address:	evan.crawley@lincolncountync.org
Nominee Mobile or Home Phone:	8284481802
Nominee Business Phone:	7042151836

Age	32
Occupation:	Director of Lincoln Soil and Water
Education:	Bachelors of Science - In Natural Resources with Concentration in Soil and Water Conservation
Positions of leadership NOW held by nominee:	Area 2 Assistant Treasurer, Vice Chair of Burke SWCD
Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:	Director of Soil and Water in Lincoln County - Soil & Water Technician in McDowell, Caldwell and Lincoln SWCD
Other pertinent information:	Evan has great knowledge of how Soil and Water works.
If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?	Attended previously (enter years of attendance below) (2020)
The program and purpose of the soil and water conservation district been explained to me?	Yes
I am willing to attend and participate in (check all that apply)?	<ul><li>Local District Meetings</li><li>Area Meetings</li><li>State Meetings</li></ul>
Nominee Signature:	× interest of the second of th
Typed/printed name:	Evan S. Crawley
Date:	08/5/2025
District Board Chair Signature (or Vice Chair if Chair is being nominated):	× interest of the second of th
Typed/printed name:	J. Wayne Packard
Date:	08/6/2025

Resignation letter (only needed if vacancy is due to resignation).	Pollard Resignation 2025.docx (14 KB)
Is the nominee actively engaged in, or recently retired from, an agricultural operation?	Yes
Please explain the nominee's connection to agriculture:	Employed at the Lincoln Soil and Water Conservation District
Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	3
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	Yes
Please describe how the nominee improves the ag diversity of the board:	Brings a younger perspective to the Ag Community
Will the appointment bring new leadership skills to the board?	Yes
Please describe the new leadership skills the nominee brings to the board:	Understands the ins and outs of the Soil and Water Programs.
Will the appointment strengthen the political connection/influence of the district, especially at the county level?	Yes
Please describe the new advocacy skills the nominee brings to the board:	Father-in-Law is Chairman of the Burke County Commissioners and Attends church with 2 members of the county commission.
Will the appointment provide representation from a portion of the county not currently represented?	No

Will the appointment improve opportunities to work with non-traditional partners?	No
Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	Yes
Describe how the appointment improves the non-ag representation for the board:	Because of his background knowledge of a soil and water conservation district, he brings a point of view that is beneficial for employees and the board as a whole.
Will the appointment improve the diversity of the board?	No
Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an organization beyond the local level:	With the the resignation of Mr. Pollard, Evan will become the Area 2 Treasurer. He currently assists the Area 8 Treasurer.
Will the appointment strengthen the District's opportunity to raise funds?	Yes
	Yes  He will be able to share financial endeavors that Area 8 may be involved with.
District's opportunity to raise funds?  Please describe how the appointment strengthens the	He will be able to share financial endeavors that Area 8
Please describe how the appointment strengthens the District's opportunity to raise funds?  Will the appointment strengthen the District's education, marketing, and	He will be able to share financial endeavors that Area 8 may be involved with.
Please describe how the appointment strengthens the District's opportunity to raise funds?  Will the appointment strengthen the District's education, marketing, and outreach efforts?  How will the appointment strengthen the District's education, marketing,	He will be able to share financial endeavors that Area 8 may be involved with.  Yes  He currently is the Director/Education Coordinator in Lincoln County. We will be able to share marketing,
Please describe how the appointment strengthens the District's opportunity to raise funds?  Will the appointment strengthen the District's education, marketing, and outreach efforts?  How will the appointment strengthen the District's education, marketing, and outreach efforts?  Does the District wish to provide other justification in support of the	He will be able to share financial endeavors that Area 8 may be involved with.  Yes  He currently is the Director/Education Coordinator in Lincoln County. We will be able to share marketing, education and outreach efforts.  Evan is a valuable asset to the Burke Board in many ways. His inside knowledge is help for other board

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Device	Desktop
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June 26, 2025

HI Lea Ann,

Being way past due, please accept this e mail as my resignation from the Burke County Soil and Water Board. Please communicate to Chairman Wayne Packard my decision. Given the events in my life I do not think I can fulfill the requirements of a functional board member. I will always be in your debt for bringing me on board and mentoring me. I wish everyone the best. It has been a good ride.

Hicks Pollard

### Fischer, Kristina

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>

**Sent:** Tuesday, September 2, 2025 11:19 AM

**To:** Fischer, Kristina

**Subject:** [External] Nomination for Supervisor Appointment Result #15680380

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Reference #	15680380
Status	Complete
Login Username	mswcdistrict@gmail.com
Login Email	mswcdistrict@gmail.com
Appointment or Reappointment	New Appointment
District:	Mitchell
Unexpired/Expired Term of Supervisor:	Gary Hyatt
Elected/Appointed	Elected
Term of Office	December 2022 to December 2026
Name of Nominee:	Sam Silver
Nominee Mailing Address:	753 Water St.
City:	Bakersville
State:	NC
Zipcode:	28705
Nominee Email Address:	sinkholecreekfarms@yahoo.com
Nominee Mobile or Home Phone:	828-766-8644
Age	65

Positions of leadership NOW held by nominee:  If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?  The program and purpose of the soil and water conservation district been explained to me?  I am willing to attend and participate in (check all that apply)?  Typed/printed name:  Sam Silver  Date:  Date:  08/12/2025  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's connection to agriculture:  Applicant is farmer, owner beef cattle, and producer of hay and corn.	Occupation:	Farmer
If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?  The program and purpose of the soil and water conservation district been explained to me?  I am willing to attend and participate in (check all that apply)?  Nominee Signature:  Typed/printed name:  Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation Letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of	Education:	MBA - Accouting
Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?  The program and purpose of the soil and water conservation district been explained to me?  I am willing to attend and participate in (check all that apply)?  Nominee Signature:  Typed/printed name:  Date:  Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation Letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of		
and water conservation district been explained to me?  I am willing to attend and participate in (check all that apply)?  Nominee Signature:  Typed/printed name:  Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation Letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of	Basic Training for Soil & Water Conservation District Supervisors within the first year after	Yes
Nominee Signature:  Typed/printed name:  Date:  O8/12/2025  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  O8/12/2025  Resignation Letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of	and water conservation district	Yes
Typed/printed name:  Date:  08/12/2025  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of	•	Area Meetings
Date: 08/12/2025  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name: Alfred Breedin  Date: 08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's Applicant is farmer, owner beef cattle, and producer of	Nominee Signature:	
District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Alfred Breedin  Date:  08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of		Comp Cilver
Vice Chair if Chair is being nominated):  Typed/printed name: Alfred Breedin  Date: 08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's Applicant is farmer, owner beef cattle, and producer of	Typed/printed name:	Sam Silver
Date: 08/12/2025  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's Applicant is farmer, owner beef cattle, and producer of		
Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's  Applicant is farmer, owner beef cattle, and producer of	Date:  District Board Chair Signature (or Vice Chair if Chair is being	08/12/2025
vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an agricultural operation?  Please explain the nominee's Applicant is farmer, owner beef cattle, and producer of	Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):	08/12/2025
or recently retired from, an agricultural operation?  Please explain the nominee's Applicant is farmer, owner beef cattle, and producer of	Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:	08/12/2025  Alfred Breedin
	Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Date:  Resignation letter (only needed if	08/12/2025  Alfred Breedin  08/12/2025
	Date:  District Board Chair Signature (or Vice Chair if Chair is being nominated):  Typed/printed name:  Date:  Resignation letter (only needed if vacancy is due to resignation).  Is the nominee actively engaged in, or recently retired from, an	08/12/2025  Alfred Breedin  08/12/2025  Gary Hyatt Resignation Letter MSWCD.pdf (181 KB)

Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	2
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	No
Will the appointment bring new leadership skills to the board?	No
Will the appointment strengthen the political connection/influence of the district, especially at the county level?	Yes
Please describe the new advocacy skills the nominee brings to the board:	Applicant is well-known among the county and in contact with various groups, organizations, and farmers.
Will the appointment provide representation from a portion of the county not currently represented?	No
Will the appointment improve opportunities to work with non-traditional partners?	No
Will the appointment improve the make-up of the board from an agricultural/nonagricultural perspective?	Yes
Describe how the appointment improves the non-ag representation for the board:	Applicant has participated in agricultural related activities over 25 years and has experienced knowledge and understanding of ag related operations and practices.
Will the appointment improve the diversity of the board?	Yes
Please describe how the appointment improves the diversity of the board:	Applicant is in daily contact with young, upcoming farmers.

Has the nominee shown past involvement in an organization beyond the local level?	Yes
Describe how the nominee has been involved in an organization beyond the local level:	Applicant has served with NC Extension, FSA, and other State organizations for several years.
Will the appointment strengthen the District's opportunity to raise funds?	Yes
Please describe how the appointment strengthens the District's opportunity to raise funds?	Applicant is active with various associations, groups, etc. such as farm bureau, local agriculture groups and local businesses. The applicant has past experience and successes organizing meetings and activities.
Will the appointment strengthen the District's education, marketing, and outreach efforts?	No
Does the District wish to provide other justification in support of the nomination? If so, enter here:	The applicant has had a long-term (+25 years) participation in conservation programs.
Last Update	2025-09-02 11:18:45
Start Time	2025-09-02 11:01:17
Finish Time	2025-09-02 11:18:45
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Dear Members of the Board,

I am writing to formally resign from my position on the Mitchell County Soil and Water Board of Supervisors, effective 06/23/2025. This decision comes as a result of my recent appointment to the Bakersville Town Board. As law prohibits the holding of two elective offices concurrently, I must respectfully step down from my current role.

It has been a true honor to serve on the Soil and Water Board. I have greatly enjoyed my time with the Board and deeply value the professional and personal relationships I have developed along the way. I am proud of the work we have accomplished together in protecting and preserving our county's natural resources. I will continue to assist with projects or be a resource for information as needed.

Thank you for the opportunity to serve, and I wish the Board continued success in all future endeavors.

Sincerely,

**Gary Hyatt** 

Gary Hyatt

### Fischer, Kristina

From: noreply@fs3.formsite.com on behalf of Formsite <noreply@fs3.formsite.com>

Sent: Wednesday, August 6, 2025 11:27 AM

**To:** Fischer, Kristina

**Subject:** [External] Nomination for Supervisor Appointment Result #14696227

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Reference #	14696227
Status	Complete
Login Username	drharrison@nhcgov.com
Login Email	drharrison@nhcgov.com
Appointment or Reappointment	New Appointment
District:	New Hanover
Unexpired/Expired Term of Supervisor:	Evan Folds
Elected/Appointed	Elected
Term of Office	December 2022 to December 2026
Name of Nominee:	Byron R. Toothman III
Nominee Mailing Address:	2120 Metts Ave
City:	Wilmington
State:	NC
Zipcode:	28403
Nominee Email Address:	toothmanbr@gmail.com
Nominee Mobile or Home Phone:	9102624752
Nominee Business Phone:	9109622334

Age	46	
Occupation:	NC Coastal Reserve Research Biologist	
Education:	PhD	
Positions of leadership NOW held by nominee:	see attached	
Former Occupations or Positions of Leadership Contributing to Nominee's qualifications:	see attached	
Other pertinent information:	see attached	
If appointed, I am willing to attend Basic Training for Soil & Water Conservation District Supervisors within the first year after appointment?	Attended previously (enter years of attendance below) (January 2025)	
The program and purpose of the soil and water conservation district been explained to me?	Yes	
I am willing to attend and participate in (check all that apply)?	<ul><li>Local District Meetings</li><li>Area Meetings</li><li>State Meetings</li></ul>	
Nominee Signature:	× interest of the second of th	
Typed/printed name:	Byron R Toothman III	
Date:	8/6/2025	
District Board Chair Signature (or Vice Chair if Chair is being nominated):	× intitute in the second of th	
Typed/printed name:	Matthew Collogan	
Date:	8/7/2025	
Printed certification signature page for board approval. Only necessary if signature box is not signed above.	Supervisor_Appointment_formTOOTHMAN_SqfT.docx (19 KB)	

Resignation letter (only needed if vacancy is due to resignation).	Evan_Folds_Resignation_Letter_08-01-2025.pdf (960 KB)
Optional additional documentation (e.g, candidate resume').	TOOTHMAN_FULL-CV_v5.1.pdf (230 KB)
Is the nominee actively engaged in, or recently retired from, an agricultural operation?	No
Number of current District Supervisors actively engaged in, or recently retired from, an agricultural operation.	1
Will the appointment provide an opportunity to engage a segment of agriculture not currently being served?	No
Will the appointment bring new leadership skills to the board?	Yes
Please describe the new leadership skills the nominee brings to the board:	Direct connection UNCW and aqua culture research.
Will the appointment strengthen the political connection/influence of the district, especially at the county level?	Yes
Please describe the new advocacy skills the nominee brings to the board:	Increase networking to individuals as it relates to water quality and academia.
Will the appointment provide representation from a portion of the county not currently represented?	Yes
Describe how the appointment improves the geographic representation for the board:	Lives in burnt mill creek watershed.
Will the appointment improve opportunities to work with non-traditional partners?	No
Will the appointment improve the make-up	

Describe how the appointment improves the non-ag representation for the board:	More connections to water quality research.
Will the appointment improve the diversity of the board?	No
Has the nominee shown past involvement in an organization beyond the local level?	No
Will the appointment strengthen the District's opportunity to raise funds?	No
Will the appointment strengthen the District's education, marketing, and outreach efforts?	Yes
How will the appointment strengthen the District's education, marketing, and outreach efforts?	Currently helps with community outreach events with the District.
Does the District wish to provide other justification in support of the nomination? If so, enter here:	Byron has served as an associate supervisor since December 2024.
Last Update	2025-08-06 11:27:15
Start Time	2025-08-06 07:48:07
Finish Time	2025-08-06 11:27:15
IP	204.85.17.185
Browser	Chrome
Device	Desktop
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# Byron R. Toothman

University of North Carolina Wilmington, 5600 Marvin K. Moss Ln, Wilmington, NC 28409 Phone: (910) 262-4752; Email: toothmanb@uncw.edu

#### **ACCOMPLISHMENTS**

Grants: >\$ 524,000 awarded to Toothman and collaborators

Publications: 5 refereed publications with 3 to submit this year. Authorship and contributions to 8

technical reports

Mentorship: Oversight of 20 student projects, 1 honors committee advisor, 6 DIS students, and

13 extended volunteers

Speaking: 20+ professional speaking events including media interviews

Awards: 2 research fellowships, 1 NSF teaching fellowship, and 3 awards for

instructional or research excellence

Regular guest speaker topics for university courses and seminars

#### **EDUCATION**

2024 Ph.D. Marine Biology

University of North Carolina Wilmington

Dissertation: An assessment of altered mercury cycling in North Carolina estuaries with the recent invasion of *Gracilaria vermiculophylla*: A biological

mercury pump

2006 M.S. Marine Science

University of North Carolina Wilmington

1999 B.S. Marine Biology and Environmental Studies

University of North Carolina Wilmington

#### **PROFESSIONAL POSITIONS**

2008 - present	Research Biologist, NC Coastal Reserve and NC NERR
	University of North Carolina Wilmington, Wilmington, NC
2006 -2008	Research Technician II, UNCW Aquatic Ecology Laboratory
	University of North Carolina Wilmington, Wilmington, NC
2003-2010	Research and teaching assistant
	University of North Carolina Wilmington, Wilmington, NC
2003-2004	NSF GK-12 Teaching Fellow
	Graduate Teaching Assistant & Research Assistant
2002-2006	Graduate research and teaching assistant
	University of North Carolina Wilmington, Wilmington, NC
2002	Research Technician
	Duke University, Beaufort, NC
2000-2002	Aquaculturist; shrimp and microalgal culture
	Shrimp Improvement Systems, Islamorada Fl.
2000-2001	Research Technician
	Dept. of Biology, Cahoon Lab. University of North Carolina Wilmington

#### **PUBLICATIONS**

- Cahoon, L.B., J.C. Hales, E.S. Carey, S. Loucaides, K.R. Rowland, B.R.Toothman. 2016. Multiple sources of water quality impairment by fecal contamination in a rapidly developing coastal area: Southwest Brunswick County, North Carolina. Environmental Monitoring and Assessment. 188(2) 89.
- Mallin, M.A., M.I.H. Turner, M.R. McIver, B.R. Toothman, H.C. Freeman. 2016. Significant Reduction of Fecal Bacteria and Suspended Solids Loading by Coastal Best Management Practices. Journal of Coastal Research 32(4), 923-931
- Toothman, B.R., L.B. Cahoon, M.A. Mallin. 2009. Phosphorus and carbohydrate limitation of fecal coliform and fecal enterococcus within tidal creek sediments. Hydrobiologia 636 (1) 401-412.
- Mallin, M.A., L.B. Cahoon, B.R. Toothman, D.C. Parsons, M.R. McIver, M.L. Ortwine, R.N. Harrington. 2007. Impacts of a Raw Sewage Spill on Water and Sediment Quality in an Urbanized Estuary. Marine Pollution Bulletin. 54(1) 81-88.

#### MANUSCRIPTS in REVIEW/ADVANCED PREPARATION

- Brown, C.N., M.A. Mallin, B.R. Toothman. 2024. 20-year water quality analysis reveals spatial variability and long-term changes at North Carolina's Masonboro Island National Estuarine Research Reserve. Estuarine, Coastal, and Shelf Science. ACCEPTED, IN REVIEW.
- Toothman, B.R., M.A. Polk, L.B. Cahoon. (in preparation) Novel mode of ecosystem engineering by invasive Gracilaria vermiculophylla: Impacts on intertidal geomorphology and dissolved oxygen. Intended Journal: Invasive Species
- Toothman, B.R., P.M. Erwin, L.B. Cahoon. (in preparation) Invasive macroalgal mats mimic sediment microbial communities and support numerous taxa with potential for mercury methylation. Target Journal: Estuarine Coastal and Shelf Science
- Toothman, B.R., S.D. Emslie, S.A Skrabal, L.B. Cahoon. (in preparation). Invasive macroalgal mats catalyze mercury assimilation in salt marsh estuaries. Target: Limnology and Oceanography

#### **TECHNICAL REPORTS**

- Staszak, L., A. Larimer, B.R. Toothman, C. Weychert, G. Bodnar, T.J. Barrett, A.S. Deaton, E.F. Hain, J. Kelvington. 2015. *Chapter 11, Additional Stressors*. In Barrett, T.J, A.S. Deaton, E.F. Hain, J. Johnson (Eds.), 2015 *North Carolina Coastal Habitat Protection Plan*. North Carolina Department of Environmental Quality. Division of Marine Fisheries, NC. 481 pages.
- Patt, H., T.J. Barrett, A. Markwith, A.S. Deaton, L. Staszak, J. Peters, H. Paerl, M. Mallin, B. Peierls, B.R. Toothman, A. Hain, S. Jenkins, 2015 *Chapter 10 Water Quality Impacts*. In Barrett, T.J, A.S. Deaton, E.F. Hain, J. Johnson (Eds.), 2015 *North Carolina Coastal Habitat Protection Plan*. North Carolina Department of Environmental Quality. Division of Marine Fisheries, NC. 481 pages.
- Toothman, B.R., K. Brogan. 2013. *Invasive Species: Gracilaria vermiculophylla*. North Carolina Coastal Reserve, Technical paper series, No. 6.
- Fear, J. and B.R. Toothman. 2012. NCNERR SWMP tier 2 Emergent Marsh Biomonitoring. Final report. January, 2012. North Carolina National Estuarine Research Reserve, Beaufort, NC. 17pp.
- Cahoon, L.B. M.A. Mallin, B.R. Toothman, M. Ortwine, R.N. Harrington, R.S. Gerhart, S.M.K. Gill, J.Knowles. 2007. *Is There a Relationship Between Phosphorus and Fecal Microbes in Aquatic Sediments?* Final report submitted to the Water Resources Research Institute of the UNC.
- Toothman, B.R., M.L. Ortwine, L.B. Cahoon, 2006. Fecal contamination of tidal creek sediments: Factors controlling indicator bacteria concentrations. pp. 67-77, within *Environmental quality of Wilmington and New Hanover County watersheds* 2004-2005, CMS Report 06-01, UNCW Center for Marine Science Research.
  - Mallin, M. A., L. B. Cahoon, M. Posey, V. L. Johnson, D.C. Parsons, T.D. Alphin, B.R. Toothman, M.L.

Ortwine, J. F. Merritt. 2006. *Environmental Quality of Wilmington and New Hanover County Watersheds* 2004-2005. Center for Marine Science Report 06-01.

Cahoon, L.B., B.R. Toothman, M.L. Ortwine, R.N. Harrington, R.S. Gerhart, S.L. Alexander, T.D. Blackburn. 2005. Fecal contamination of tidal creek sediments – relationships to sediment phosphorus and among indicator bacteria. pp. 48-55, Environmental quality of Wilmington and New Hanover County Watersheds 2003-2004.

#### **RESEARCH GRANTS and AWARDS**

2019	NERRS Science Collaborative Catalyst Grant  Bridging the gap between quadrats and satellites: assessing utility of drown imagery to enhance emergent vegetation biomonitoring. Puckett, B., J. G. Jenkins, J. Ridge, E. Smith, D. Sanger, R. Guy, S. Eastman, M. Munoz, A. McCombs, B.R. Toothman, H. Sutton, E Olivares	ibson, W.
2016	UNCW Center for Marine Science Student Support Grant	\$400
2015	North Carolina SeaGrant Mini-Grant Investigation of methylation of mercury within dense algal mats of Graci vermiculophylla. Toothman, B.R., L.B. Cahoon	<b>\$6,286</b> Iaria
2013	National Estuarine Research Reserve System Science Collaborative Removing Coastal Stormwater Pollution at the Community and Individua Carolina. Kolodij, L., Jenkins, W., M.A. Mallin, J.A. Marsh, T. Miller, T. Skra Toothman	
2012	North Carolina SeaGrant MiniGrant Evaluating the invasive seaweed, Gracilaria vermiculophylla, as a source promoter compounds. Toothman, B.R., L.B. Cahoon	<b>\$5,060</b> of plant growth

#### **SCHOLARSHIPS and FELLOWSHIPS**

2019-2020	Ahuja Academy of Water Quality Fellowship	\$3,572
2018-2019	Ahuja Academy of Water Quality Fellowship	\$7,000
2017	EPA Rain Catcher Award for community green infrastructure projects co-recipient. Awarded for NERRS Science Collaborative Project: Removing Coastal Stormwater Pollution at the Community and Individual Scales in North Carolina (2013)	
2016	UNCW Division of Student Affairs recognition of significant student impact	
2005	UNCW Center for Marine Science Outstanding Graduate Teaching Award	\$500
2004	NSF GK-12 Graduate Teaching Fellowship	\$30,000

#### **TEACHING EXPERIENCE**

Introduction to Cellular Biology Laboratory (Undergrad-UNCW)	3 yrs
7 <sup>th</sup> Grade New Hanover County Science NSF teaching fellow	1 yrs

#### STUDENT MENTORING

#### **HONORS STUDENT (committee)**

2014 Abigail Shurtleff

#### **DIS STUDENTS**

2019 Emily Michaud
 2016 Kimberly Gaston
 Andrea Weed
 Sarah Eure
 2015 James Moore
 2014 James Moore

#### **VOLUNTEERS**

2013 Nicholas Cortale Brooke Milligan Megan Stephenson **Rachel Stearns** 2012 **Brendan Turley** James Moore Sam Candio **Denise Bruce** Maria Bent 2011 Fabio Moreira Christopher LaClaire 2010 Joanna Strickland Charlotte Dean

#### **CONFERENCE PRESENTATIONS, SEMINARS, and OUTREACH**

2023	Coastal & Estuarine Research Federation Biennial Conference
2023	Cape Fear River Watch Saturday Seminar
2019	Coastal & Estuarine Research Federation Biennial Conference
2015	Coastal & Estuarine Research Federation Biennial Conference
	Coastal Reserve Coastal Explorations Series for Teachers
	UNCW Environmental Studies Seminar Series.
	Cape Fear Backyard Naturalist Series
2013	Cape Fear ARCH
	NC Coastal Reserve Teacher Environmental Education Certification Workshop
	North Carolina Coastal Resources Commission
	Masonboro Island Local Advisory Committee
2012	National Estuarine Research Reserves 2012 National Meeting
	NC NERR Coastal Training Program
2011	Coastal & Estuarine Research Federation Biennial Conference
	Osher Life Long Learning Institute
2010	Southport NC Maritime Museum Southport Presentation Series
2009	NC Coastal Reserve Teacher Environmental Education Certification Workshop
2008	NC Coastal Reserve Teacher Environmental Education Certification Workshop
2005	N.C. Academy of Science Annual Meeting
	WRRI Annual Conference
2004	Presentation to the Water Resources Research Institute Annual Meeting
	Western Society of Naturalists Annual Meeting

#### Public lectures and Educational Outreach

2015

2015 Guest interview on Down East Journal, NPR Public Radio East. Red Algae; A Problem Along

Southeastern North Carolina Coast. Aired July 17<sup>th</sup>, 2015.

Toothman CV 2024

2015 Guest Interview on NC SeaGrant's North Carolina Science Now-Secrets of Tidal Creeks. Aired on

NC-TV 01/07/2015.

2014 Guest interview on Cape Fear Critters —Cape Fear River episode. Aired on New Hanover Public

Television 11/24/2014

Annual Guest Speaker for UNCW Environmental Studies Field Methods Course.

Annual Guest Speaker for UNCW Environmental Studies Foundations of Environmental Conservation and

Management Course. 2016

Annual Guest speaker for UNCW Marine Science Field Methods Course

Volunteer speaker at area schools as opportunities are available.

#### **UNIVERSITY SERVICE**

2020 -	Marine Science Council Diversity and Inclusion committee
2018 - 2020	UNCW Coastal and Marine Sciences Advisory Council
2016 -	UNCW Center for Marine Science Outdoor Areas Committee
2016	UNCW Center for Marine Science Aquaculture and Fisheries Collaborative Research Working Group
2016	UNCW Center for Marine Science Conservation and Policy Collaborative Research Working Group
2016	UNCW Center for Marine Science Estuarine and Coastal Sounds Discovery, Applied Issues, and Modelling Collaborative Research Working Group
2015	Organized NC Coastal Reserve / UNCW partnership to install and maintain Masonboro Sound water quality monitoring for the CREST seawater system

#### **CERTIFICATIONS and MEMBERSHIPS**

CPR/AED/First-Aid/; Wilderness First-Aid; Chainsaw Safety Certification; UNCW Radiation Safety Training; UNCW Small Boat Certification

#### **REFERENCES**

Professor Lawrence B. Cahoon, Ph.D.

University of North Carolina Wilmington

John Fear, Ph.D.

Deputy Director North Carolina Sea Grant

910.962.3706 919.515.9104 cahoon@uncw.edu jmfear@ncsu.edu

Professor Patrick M. Erwin, Ph.D. UNCW Biology and Marine Biology University of North Carolina Wilmington

910.962.2326

erwinp@uncw.edu

Brandon Puckett, Ph.D.
Research Marine Biologist

NOAA National Centers for Coastal Ocean

Science 252-216-2209

brandon.puckett@noaa.gov

Letters of recommendation and additional references will be provided upon request

New Hanover Soil & Water Conservation District 230 Government Center Dr #100 Wilmington, NC 28403

8/1/2025

Subject: Resignation

Dear Staff and Board,

I am writing to tender my resignation from the elected position that I hold with the District. It has been a great honor to serve the public as an elected official, and a pleasure to work with the distinguished humans who have been a part of our Staff and Board over the last 6+ years, including the collaborative staff of New Hanover County and our colleagues in fellow Soil & Water Conservation Districts.

We have accomplished a lot together, we are now gaining a foothold in important County conversations, we brought attention to what is possible with Eagles Island on the West Bank, we have established a closer working relationship with New Hanover County Schools, and we played an important role in bringing about the development of the New Hanover County Sustainability Department. I also am now well aware of how difficult it is to move the needle in the service of championing soil and water within local government, so please know that I have deep respect and appreciation for each of you.

I will be continuing my involvement with the Eagles Island Nature Park project, and with the new Sustainability Committee organizing in the New Hanover County School System, as well as my work as a regenerative systems strategist with my company Be Agriculture, so will be in touch and hope to see you around sometime soon.

Spoke with Dru, Matt, and the Board of Elections, and will follow their process to tie up any loose ends, once the paperwork is filed you can move to appoint a replacement. Please let me know if I can ever be of service to the Board.

Thank you, again, for your friendship, and for your heartfelt service in the spirit of protecting and enhancing the soil and water of New Hanover County and beyond.

Sincerely,

Evan Folds