

Stella Coker Watson Self

Department of Epidemiology and Biostatistics
Arnold School of Public Health
University of South Carolina
Phone: (864)-455-1880
Primary Email: scwatson@mailbox.sc.edu
Alternate Email: stella.self@prismahealth.org

Columbia Office: Discovery I Building, Room 437
915 Greene Street
Columbia, SC 29208

Greenville Office: Employee Services Center, Room 146
701 Grove Road
Greenville, SC 29605

Education

Clemson University: 2016-2019
Ph.D. Mathematical Sciences (emphasis statistics): 2019
Dissertation Advisor: Dr. Christopher McMahan
GPA: 4.0/4.0

Clemson University: 2014-2016
M.S. Mathematical Sciences (emphasis statistics): 2016
Thesis Advisor: Dr. Christopher McMahan
GPA: 4.0/4.0

Furman University: 2010-2014
B.S. Mathematics: 2014
GPA 4.0/4.0
Graduated Summa Cum Laude

Professional Experience

University of South Carolina: 2019-present
Assistant Professor, Department of Epidemiology and Biostatistics, Arnold School of Public Health

University of South Carolina School of Medicine Greenville: 2020-present
Adjunct Assistant Professor, Department of Biomedical Sciences

Clemson University: 2016 - 2019 (Fall and Spring Semesters)
Graduate Research Assistant funded by the Companion Animal Parasite Council

Clemson University: Summer 2018
Data Science Core Research Associate for the Greenville Health System

Clemson University: 2014-2015 (Year Round), 2016-2017 (Summer Semesters)
Graduate Teaching Assistant

Furman University: Summer 2012 & Summer 2013
Undergraduate Research Assistant

Current Research Interests

Bayesian statistics, random effects models, spatio-temporal models, Gaussian process models, Markov chain Monte Carlo methods, infectious disease forecasting (in particular, COVID-19 and Lyme disease), maternal and neonatal health, ecology and conservation.

Publications

Journal Articles

Cochrane, C., Batson, R., Aragon, M., Bedenbaugh, M., **Self, S. W.**, Isham K., and Eichelberger, K. The impact of the "39 week rule" on maternal outcomes: A statewide analysis. *Health Policy Open*, under review.

McMahan S., **Self S.**, Rennert L., Kalbaugh C., Kriebel D., Graves D., Deaver J., Popat S., Karanfil T., and Freedman D. COVID-19 wastewater epidemiology: A model to estimate infected populations. *The Lancet Planetary Health*, under review.

Fouch N., Baldwin R., Gerard P., Dyckman C., **Self S.**, and Theobald D. Contributions of [US] conservation easements to naturalness, connectivity, and habitat conservation using parcel-level comparisons. *Scientific Reports*, in revision.

Edenfield J., Durbin L., **Self S.**, Schammel C., and Kopera K. Factors influencing discharge location following ischemic stroke. *PM&R: The Journal of Injury, Function and Rehabilitation*, under review.

Self S., Huang R., Amin S., Ewing J., Rudisill C., and McLain A. A Bayesian susceptible-infectious-hospitalized-ventilated-recovered model to predict demand for COVID-19 inpatient care in a large healthcare system. *Statistics in Medicine*, under review.

Perregaux S., **Self S.**, Collins J., Renfro S., VanHale C., Ansari A., McKinley B., Rippon M., Schammel D., and Schammel C. An evaluation of breast cancer in Hispanic women at a single tertiary medical center. *Archives of Breast Cancer*, under review.

Self S., McMahan C., and Russell B. Identifying meteorological drivers of PM_{2.5} levels via a Bayesian spatial quantile regression. *Environmetrics*, accepted.

Gettings J., **Self S.**, McMahan C., Brown D. A., Nordone S., and Yabsley M. Regional and local temporal trends of *Borrelia burgdorferi* and *Anaplasma* spp. seroprevalence in domestic dogs: Contiguous United States 2012-2019. (2020) *Frontiers in Veterinary Science*, 7, doi: 10.3389/fvets.2020.561592

Fredrick A., Lorenz W., **Self S.**, Schammel C., Bolton W., Stephenson J., and Ben-or S. (2020). Delayed gastric emptying post-esophagectomy: A single institution experience. *Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery*, 15(6), doi: 10.1177/1556984520961079.

Gettings J., **Self S.**, McMahan C., Brown D., Nordone S., and Yabsley M. (2020). Regional and local temporal trends of canine *Ehrlichia* species seroprevalence in the United States, 2012-2018. *Parasites & Vectors*, 13(153), doi: 10.1186/s13071-020-04022-4.

Dertien J., **Self, S.**, Baldwin R., Ross B., and Barrett K. (2020). The relationship between biodiversity and wetland cover varies across regions of the conterminous United States. *PLOS ONE* 15(5), <https://doi.org/10.1371/journal.pone.0232052>.

Self S., Liu Y., Nordone S., Yabsley M., Walden H., Lund R., Bowman D., Carpenter C., McMahan C., and Gettings, R. (2019). Canine vector-borne disease: Mapping and the accuracy of forecasting using big data from the veterinary community. *Animal Health Research Reviews*, 20(1), doi:10.1017/S1466252319000045.

Self S., Pulaski C., McMahan C., Brown D., Yabsley M., and Gettings J. (2019). Regional and local temporal trends in the prevalence of canine heartworm infection: 2012-2018. *Parasites & Vectors*, 12(1), doi:10.1186/s13071-019-3633-2.

Brown D., McMahan C., and **Watson S.** (2019). Sampling strategies for fast updating of Gaussian Markov random fields. *The American Statistician*, doi:10.1080/00031305.2019.1595144.

Self, S., McMahan C., Brown D., Lund R., Gettings J., and Yabsley M. (2018). A large scale spatio-temporal binomial regression model for estimating seroprevalence trends. *Environmetrics*, 29, doi:10.1002/env.2538.

Watson S., Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. (2017). A Bayesian spatio-temporal model for forecasting the prevalence of antibodies to *Borrelia burgdorferi*, causative agent of Lyme disease, in domestic dogs within the contiguous United States. *PLOS ONE*, 12(5), doi:10.1371/journal.pone.0174428.

Liu Y., **Watson S.**, Lund R., Gettings J., Nordone S., Yabsley M., and McMahan C. (2017). A Bayesian spatio-temporal model for forecasting *Anaplasma* species seroprevalence in domestic dogs within the contiguous United States. *PLOS ONE*, 12(7), doi:10.1371/journal.pone.0182028.

Farnsworth J., Isaac R., and **Watson S.** (2013). The geometry of the Narayana fractal. *SIAM Undergraduate Research Online*, 6, doi:10.1137/13S012303.

Submitted Abstracts

A Bayesian Susceptible-Infectious-Hospitalized-Ventilated-Recovered Model to Predict Demand for COVID-19 Inpatient Care, Eastern North American Region, International Biometric Society Spring Meeting, Baltimore, MD (March 2021). **Self S.** (presenter), Huang R., Amin S., Ewing A., Rudisill C., and McLain A.

Induction of labor versus planned Cesarean section for women with body mass index ≥ 45 , Society of Maternal-Fetal Medicine, 41st Annual Pregnancy Meeting, Virtual Meeting due to COVID-19 pandemic (February 2021). Deighan, T., **Self, S.**, Huang R., and Crockett A. Accepted for poster presentation.

Research Presentations

Landowners' incentives to place conservation easements in exurban areas, Association of Collegiate Schools of Planning 60th Annual Conference, Virtual due to COVID-19 pandemic (November 2020). Dyckman C. (presenter), White D., Baldwin R., Lauria M., McMahan C., Overby A., **Self S.**, and Fouch N. Oral Presentation.

Identifying meteorological drivers of PM_{2.5} levels via a Bayesian spatial quantile regression, Joint Statistical Meetings 2020, Virtual due to COVID-19 pandemic, (August 2020). **Self, S. W.** (presenter), McMahan C., and Russell, B. Oral Presentation.

Does surgical approach effect outcomes in treatment of rectal cancer? American Society of Colorectal Surgeons Annual Scientific Meeting, Virtual due to COVID-19 pandemic (June, 2020). Yurko Y., Schammel D., Schammel C., Bynarowica T., McGill W., and **Self S.** Poster Presentation.

A Comparative Assessment of Systematic & Coordinated Conservation Planning in Exurban Ecoregions, 2020 International Symposium for Society & Resource Management, Virtual due to COVID-19 pandemic (June 2020). Dyckman C. (presenter), Overby A., Lauria M., White D., Baldwin R., Fouch N., **Self S.**, and McMahan C. Oral Presentation.

An evaluation of breast cancer in Hispanic women at a single tertiary medical center. Health Sciences Center Research Showcase, Virtual due to COVID-19 pandemic (April 2020). Perregeaux S., **Self S.**, Collins J., Renfro S., VanHale S., Ansari A., Rippen M., Schammel C., and Schammel D. Oral Presentation.

Atypical lobular hyperplasia and lobular carcinoma insitu: to upgrade or not to upgrade? Health Sciences Center Research Showcase, Virtual due to COVID-19 pandemic (April 2020). Krachman H., Russel N., Bland S., **Self S.**, Schammel C., Cornett W., Rippon M., and Schammel D. Poster Presentation.

Prostatic embolization as an alternative treatment for benign prostatic hyperplasia. Health Sciences Center Research Showcase, Virtual due to COVID-19 pandemic (April 2020). Pike J., Sekel T., Abel W., **Self S.**, Schammel C., Devane M. Poster Presentation.

Outcomes of surgical and non-surgical management of gastric carcinomas at Greenville Memorial Hospital. Health Sciences Center Research Showcase, Greenville SC Virtual due to COVID-19 pandemic (April 2020). Seckel T., Pike J., Abel W., Hernandez V., **Self S.**, Schammel C., Schammel D., Trocha S. Poster Presentation.

Induction of labor versus planned Cesarean section for women with body mass index of ≥ 45 , C.M. Easley 28th Symposium and Resident Research Day, Greenville SC (May 2020). Deighan, T. (presenter), **Self, S.**, Huang, R., and Crockett, A. Oral Presentation.

Assessing meteorological drivers of air pollution in the Eastern United States via a Bayesian quantile regression model with spatially varying coefficients, Eastern North American Region (ENAR) International Biometric Society 2020 Spring Meeting, Virtual Meeting due to COVID-19 Pandemic (March 2020). **Self S.** (presenter), McMahan C., Russell B., and Brown D. Oral Presentation.

Impact of the "39-week rule" on adverse maternal outcomes: A statewide analysis, Society for Maternal-Fetal Medicine, 40th Annual Pregnancy Meeting, Grapevine TX (February 2020). Cochrane A. C. (presenter), Batson R., Aragon M., Bedenbaugh M., **Self S.**, Isham K., and Eichelberger K. Oral Presentation.

Impact of the "39 week Rule" on adverse neonatal outcomes: A statewide analysis, Society for Maternal-Fetal Medicine, 40th Annual Pregnancy Meeting, Grapevine TX (February 2020). Batson R. (presenter), Cochrane A., Aragon M., **Self S.**, Eichelberger K., and Isham K. Poster Presentation.

Identifying meteorological variables associated with high PM_{2.5} levels through Bayesian spatial quantile Regression. University of South Carolina-Epidemiology and Biostatistics Departmental Seminar, Columbia SC (November 2019). **Self, S.** (presenter), McMahan C., Russell, B., and Brown, D. Oral Presentation.

The spatial geography of exurban conservation easements in twelve counties across the U.S. International Symposium on Society and Resource Management, Oshkosh WI (June 2019). Dyckman C. (presenter), Lauria M., White D., Baldwin R., Fouch N., Overby A. T., Ogletree S., and **Self S.** Oral Presentation.

Persisting dilemma: is GCT benign disease or potentially malignant. Ashmore Conference, Greenville SC (May 2019). Stafford S. (presenter), Frederick A., Lorenz W, **Self S.**, Schammel D., Schammel C., and Yurko Y.

Delayed gastric emptying post esophagectomy: A single institution experience. Ashmore Conference, Greenville SC (May 2019). Frederick A. (presenter), Lorenz W., **Self S.**, Schammel C., Bolton W. Stephenson J., and Ben-Or S.

Obstructive sleep apnea and white matter hyperintensities: Correlation or causation? American Society of Neuroradiology Spring Meeting, Boston MA (May 2019). Vandewater T., Schammel N., Wilson C., **Self S.**, Schammel C., Cowley R., Gault D., and Madeline L.

Impact of hospital type and provider profession on beliefs about elective induction in nulliparous women. 2019 C. M. Easley Symposium and Resident Research Day, Greenville SC (May 2019). Aragon M. (presenter), Cochrane A., Batson R., **Self S.**, Thorp J., Isham K., and Eichelberger K. Oral Presentation.

Impact of the "39-week rule" on adverse maternal outcomes: A statewide analysis. 2019 C. M. Easley Symposium and Resident Research Day, Greenville SC (May 2019). Cochrane, A. (presenter), Batson R., Aragon M., Bedenbaugh M., **Self S.**, Isham K, and Eichelberger K. Oral Presentation.

Impact of the "39-week Rule" on adverse neonatal outcomes: A statewide analysis. 2019 C. M. Easley Symposium and Resident Research Day, Greenville SC (May 2019). Batson R. (presenter), Cochrane A., Aragon M., **Self S.**, Eichelberger K. and Isham K. Oral Presentation.

Obstructive sleep apnea and white matter hyperintensities: Correlation or causation? Greenville Health System Symposium, Greenville SC (April 2019). Vandewater T., Schammel N., Wilson C., **Self S.**, Schammel C., Cowley R., Gault D., and Madeline L.

Delayed gastric emptying post esophagectomy: A single institution experience. Greenville Health System Symposium, Greenville SC (April 2019). Frederick A., Lorenz W., **Self S.**, Schammel C., Bolton W., Stephenson J., and Ben-Or, S.

Obstructive sleep apnea and white matter hyperintensities: Correlation or causation? Wallace R. Roy Functional Radiology Symposium, Greenville SC (March 2019). Vandewater T., Schammel N., Wilson C., **Self S.**, Schammel C., Cowley R., Gault D., and Madeline L.

Ticks and tick-borne diseases: Tracking an invasive tick and modeling efforts for tick-borne pathogens. Shelter Medicine Symposium, Athens GA (February 2019). Yabsley M., Gettings J., McMahan C., Lund R., Liu Y., Nordone S., and **Self S.**

The rising seroprevalence of *Borrelia burgdorferi* in domestic dogs. Georgia Veterinary Medical Association One Health Symposium, Athens GA (January 2019). **Watson S.**, Nordone, S., Yabsley M., Lund R., McMahan C. S., and Gettings J. (presenter).

Companion Animal Parasite Council: One Health in Practice. Georgia Veterinary Medical Association One Health Symposium, Athens GA (January 2019). Yabsley, M., **Watson, S.**, Lund R., McMahan C., and Gettings, J.

A Bayesian multidimensional trend filter. Georgia Statistics Day, Athens GA (October 2018). **Watson S.** (presenter), McMahan C., Russell B., and Brown D.

Delayed gastric emptying post esophagectomy: A single institution experience, Eastern Cardiothoracic Surgical Society Annual Meeting, Clearwater Beach FL (October 2018). Fredrick A., Lorenz W., **Self S.**, Ben-Or S., and Schammel C.

A Bayesian multidimensional trend filter. South Carolina Chapter of the American Statistical Association: South Carolina Statistics Consortium, Clemson SC (October 2018). **Watson S.** (presenter), McMahan C., Russell B., and Brown,D.

Identifying regions with increasing Lyme disease risk using a Bayesian spatio-temporal model. Clemson University College of Science Donor Celebration, Clemson SC (April 2018). **Watson S.** (presenter), Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. Oral Presentation.

A Bayesian GLMM for modeling spatially varying trends in disease prevalence with an application to Lyme disease. ENAR 2018 Spring Meeting, Atlanta GA (March 2018). **Watson S.** (presenter), Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. Poster Presentation.

A Bayesian spatio-temporal model for identifying regions experiencing increasing disease risk. South Carolina Chapter of the American Statistical Association Palmetto Symposium, Columbia SC (March, 2018). **Watson S.** (presenter), Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. Oral Presentation.

A Bayesian binomial GLMM for modeling spatially varying trends in large datasets with a computationally efficient model fitting procedure. Clemson-UGA Joint Seminar, Athens GA (March 2018). **Watson S.** (presenter), Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. Poster Presentation.

Using Bayesian statistics and MCMC methods to model disease prevalence. Graduate Student Seminar, Clemson SC, (November 2017). **Watson S.** (presenter). Oral Presentation.

A Bayesian spatio-temporal model for forecasting the prevalence of antibodies to *Borrelia burgdorferi*, causative agent of Lyme disease, in domestic dogs within the contiguous United States. South Carolina Chapter of the American Statistical Association Palmetto Symposium, Columbia SC (March 2017). **Watson S.** (presenter), Liu Y., Lund R., Gettings J., Nordone S., McMahan C., and Yabsley M. Oral Presentation.

A Model for forecasting flea activity. Companion Animal Parasite Council Summer Board Meeting. Atlanta GA (June 2016). **Watson S.** (presenter), and McMahan C. Oral Presentation.

Fighting fires with fighters: a version of the firefighter problem in which the fighter walks a continuous path on a square graph. MAA Southeastern Section Annual Meeting. Cookeville TN (March 2014). **Watson S.** (presenter), Lewis W., Isaac R., and Lewis T. Oral Presentation.

The Narayana numbers modulo 2: a discrete fractal. MAA Southeastern Section Annual Meeting. Rock Hill SC (March 2013). **Watson S.** (presenter), Isacc R., Farnsworth J., and Lewis T. Oral Presentation.

Funded Research

Completed

McLeod Health COVID-19 Data Analysis

Source: McLeod Health

Period: 2020

Role: PI (in kind)

Ongoing

Research Center for Child Well-Being

Source: NIH COBRE Phase I

Period: 2020-2024

Role: Core Scientist, Statistical and Data Management Core (20% Effort)

SARS-CoV-2 Antibody Statewide Surveillance

Source: South Carolina Department of Health and Environmental Control

Period: 2020-2021

Role: Co-I (25% Effort)

Evaluating a Technology and EMR-based Strategy to Intervene on Social Determinants of Health-Related Needs in a Large Health System

Source: University of South Carolina Big Data Health Science Center

Period July 2020 -August 2021
Role: Co-I (in kind)

Modeling Small Area Estimates of Indicators of Children's Mental Health and Mental Disorders Using National Survey Data

Source: CDC

Period: 2020-2021

PI: Jan Eberth

Role: Co-I (10% effort)

A Data-Driven Model to Predict Demand for COVID-19 Care in the Prisma Health System

Source: Health Sciences Center, Prisma Health

Period: 2020

Role: PI (in kind)

Access and Utilization of Colonoscopy: A Spatial Perspective

Source: American Cancer Society Mentored Research Scholar Grant

Period: 1/1/16-12/31/20

PI: Jan Eberth

Role: Co-I (5% effort)

Pending

Developing a Statistical Model for Passive COVID-19 Surveillance using the Amount of SARS-CoV-2 RNA in Wastewater and the Reported Number of Positive SARS-CoV-2 Viral Tests

Source: NIH (R21)

PI: **Stella Self**

Role: PI

Novel Surveillance Strategies for Vector-Borne Disease which Reduce Cost and Improve Accuracy

Source: NIH (R01)

PI: **Stella Self**

Role: PI

Improving mosquito control methodologies through development of technology-driven traps and artificial intelligence guided detection of mosquito breeding habitats

Source: NIH (R01)

PI: Melissa Nolan

Role: Co-I

Let's Talk About Sleep: Development of a mHealth Technology Sleep Function to Improve the Clinical Management of Rheumatoid Arthritis

Source: Health Science Center, Prisma Health

PI: Melanie Cozad

Role: Co-I

Mitigating Injurious Falls in Older Adults Through Non-Injurious Fall and Gait Analysis From Floor Vibrations: Phase 2

Source: NIH (STTR)

PI: Stacy Fritz

Role: Co-I

Microbiome Targeted Oral Butyrate Therapy in Gulf War Multisymptom Illness

Source: VA

PI: Saurabh Chatterjee
Role: Co-I

Not Funded

Joining the Dots between Food Insecurity, Multimorbidity, Cognition, and Race among Older Adults
Source: NIH (R21)
PI: Anwar Merchant
Role: Co-I

South Carolina Clinical and Translational Research Center (SC-CTRC) (Resubmission)
Source: NIH
PI: Xiaoming Li
Role: Co-I

Lung Cancer Screening to Treatment Pathways for Rural Patients
Source: NIH
Period 2020 - 2025
PI: Jan Eberth
Role: Co-I (10% effort)

Assessing Trends in Lyme Disease Risk by Integrating Data from Multiple Sources into a Bayesian Spatio-Temporal Model
Source: University of South Carolina Big Data Health Sciences Center
Period: July 2020-August 2021
Role: PI (8% effort)

A Retrospective Analysis to Investigate the Association between Coinfection with *Chlamydia trachomatis* and *Neisseria gonorrhoeae* during Pregnancy and Adverse Neonatal Outcomes
Source: Transformative Research Seed Grant: Health Sciences Center, Prisma Health
Period: 4/1/20-3/31/21
Role: PI (in kind)

Online Mindfulness Intervention to Reduce Stress among Diabetes Patients
Source: Transformative Research Seed Grant: Health Sciences Center, Prisma Health
Period: 4/1/20-3/31/21
PI: Sara Wagner Robb and Jessica Odom
Role: Co-I (in kind)

Teaching Experience

University of South Carolina

BIOS J757 Intermediate Biostatistics: Spring 2020 (Instructor)
BIOS 760 Biostatistical Methods for Clinical Trials: Fall 2020 (Instructor)

Clemson University

Statistics Preliminary Exam Review Course: Summer 2017 (Instructor)
MATH 1020: Business Calculus I: Summer 2015 (Teaching Assistant)

MATH 1040: Precalculus and Introductory Differential Calculus: Fall 2015 (Instructor)

MATH 1051: Precalculus Laboratory: Fall 2014 (Teaching Assistant)

MATH 1060: Calculus of One Variable I: Spring 2015, Summer 2016 (Teaching Assistant)

MATH 1070: Differential and Integral Calculus: Spring 2015 (Teaching Assistant)

MATH 1991: Problem Solving in Mathematics Laboratory: Fall 2014 (Teaching Assistant)

Mentoring

Ongoing

Nadeesha Vidanapathirana: PhD Biostatistics, Committee Chair

Rongjie Huang: PhD Biostatistics, Committee Chair

Michael Stutz: PhD Statistics, Committee Member

Nyrobi Tyson: MPH Epidemiology, Committee Member

Completed

Ummay Anika: MSPH Biostatistics, Committee Member
A simulation-based study of location-shift models under non-normal conditions

Professional Involvement

External Service

Treasurer of the South Carolina Chapter of the American Statistical Association

Member of the American Statistical Association

Member of the American Mathematical Society

Member of the South Carolina ArcGIS Society

Institutional Service

Co-organizer of the departmental seminar for Epidemiology and Biostatistics : 2020-present

Member of the Biostatistics Admissions Committee: 2019-present.

Secretary of the Clemson Chapter of the Association for Women in Mathematics: 2016-2017.

Co-Treasurer of the Clemson Chapter of the Association for Women in Mathematics: 2015-2016.

Honors and Awards

Certificate of Meritorious Service, University of South Carolina, 2020

Outstanding Graduate in Discovery Award, College of Science, Clemson University, April 2019.

Outstanding Graduate Research Award, School of Mathematical and Statistical Sciences, Clemson University, April 2019.

Georgia Statistics Day: Outstanding Student Poster Award, Honorable Mention, October 2018.

American Statistical Association South Carolina Chapter Outstanding Presentation Award, SCASA, March 2018.

Personal Enrichment Grant, The Graduate School, Clemson University, November 2017.

Outstanding MS Student Award, Clemson University, 2016.

R.C. Edwards Fellowship, The Graduate School, Clemson University, 2014.

Furman University Scholarship Cup, Furman University, 2014.

DeLany Medal in Mathematics, Mathematics Department, Furman University, 2014.

Mathematics Faculty Award for Excellence, Mathematics Department, Furman University, 2014.

Member of Phi Beta Kappa Honors Society, Gamma Chapter, Furman University, 2013-2014.

Best Student Presentation Award, MAA: Southeastern Section, 2014.

Media Interviews

SC likely to exceed coronavirus projections by Saturday. Here's Why. The Island Packet. Print Interview, April 8, 2020.

Is SC's curve plateauing? It's too early to tell, but masks help. WIS News Columbia. Print Interview, August 1, 2020.

Experts say SC COVID-19 cases may be on decline, but school starting could set us back. WIS News Columbia. Print Interview, August 12, 2020.

The fall surge has definitely started: Hospitals prepare for increase in COVID-19 cases. WIS News Columbia. TV Interview, November 11, 2020.