Nicholas W. Carris, Pharm.D., BCPS

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Information Phone: (813) 974-6333 Email: carris@usf.edu

<u>Place of Birth</u> Orlando, Florida, USA

Licenses

Florida Pharmacist License July 2012 – Present

Number: PS 49012 (Active)

Tennessee Pharmacist License June 2012 – May 2018

Number: 36632 (Retired)

Certification

ACLS and BLS for Healthcare Providers (CPR and AED) American December 2014 –

Heart Association (Active) Present

Board Certified Pharmacotherapy Specialist (BCPS)

December 2013 –

Board of Pharmacy Specialties (Active) Present

Education

Master of Public Health Anticipated May 2025

Biostatistics & Epidemiology University of South Florida

Fellowship: Family Medicine June 2013 – June 2015

University of Florida

1707 North Main Street Gainesville, FL

Pharmacy Practice Residency June 2012 – June 2012

TriStar Centennial Medical Center

HCA Healthcare One Park Plaza Nashville, TN

Doctor of Pharmacy Degree (PharmD)August 2008 – May 2012

Summa Cum Laude

University of Florida College of Pharmacy

Bachelor of Science with DistinctionAugust 2004 – May 2008

Nova Southeastern University (NSU)

Minors: Chemistry and Psychology

Appointments

Vice-Chair September 2024 –

Department of Pharmacotherapeutics & Clinical Research Present

USF Health Taneja College of Pharmacy

Associate Professor with Tenure

Department of Pharmacotherapeutics & Clinical Research

USF Health Taneja College of Pharmacy

Director, Division of Ambulatory Care

Department of Pharmacotherapeutics & Clinical Research

USF Health Taneja College of Pharmacy

Assistant Professor July 2015 – June 2021

July 2021 – Present

July 2020 – Present

Department of Pharmacotherapeutics & Clinical Research

USF Health Taneja College of Pharmacy

Assistant Professor July 2015 – Present

Department of Family Medicine

USF Health Morsani College of Medicine

Adjunct Assistant Professor September 2012 – May

Department of Pharmacy Practice 2013

College of Pharmacy Belmont University

Clinical Practice Activities

USF Health Family Medicine August 2020 – Present

Clinical Pharmacist

Consultations for Polypharmacy; Development of Billable Practice Models through Chronic Care Management for

Ambulatory Care Division

Clinical site as part of faculty appointment at USF Health

Florida Medical Clinical October 2015 – March 2023

Clinical Pharmacist for Managed and Accountable Care Organizations

Consultations and prospective audit and feedback for high-risk/high-cost medications and patients Population health and protocol development: polypharmacy, opioid/benzodiazepine

Clinical site as part of faculty appointment at USF Health

UF Health Family Medicine – MainJune 2013 – June 2015

Clinical pharmacist

Transitions of care

Interdisciplinary clinic for high-risk patients Director,

Anticoagulation consult service

University of Florida College of Medicine

Clinical site as part of UF post-doctoral fellowship

Other Employment

University of Florida Center for Pharmacogenomics

Research Assistant to Julie Johnson, PharmD: NHLBI Contract,

HHSN-268200800003C

University of Florida College of Pharmacy

University of Florida Center for Pharmacogenomics

Summer Internship Research Training Program Laboratory Assistant to Julie Johnson, PharmD University of Florida College of Pharmacy

Publix Pharmacy

Pharmacist Intern Windermere, FL

Awards, Honors, Honorary Society Memberships

Fellow of the American College of Clinical Pharmacy (FCCP)

Student Development Advocate

Certificate of Superlative

Awarded by the Class of 2025 PharmD Class Leadership

USF Health Dean's Interdisciplinary Research Award at the USF Health Research Day

Poster: Impact of Metformin on Statin Persistence Byron Cheon, Ambuj Kumar, Athanasios Tsalatsanis, Kevin Cowart, Ronald R. Magness, Srinivas M. Tipparaju, Nicholas W. Carris

Top Graded Reviewer

Annals of Internal Medicine

Awarded for reviewer quality score for prior year

Faculty Student Success Coach of the Year

Taneja College of Pharmacy University of South Florida

GEICO Alumni of the Month

Department of Athletics

Nova Southeastern University

Distinguished Alumni Award

Halmos College of Natural Sciences and Oceanography

Nova Southeastern University

Best Researcher Award

Taneja College of Pharmacy University of South Florida August 2010 - December

2010

Summer 2010

Summer 2009

Inducted October 2024

April 2024

February 2021

February 2020

March 2019

March 2019

November 2018

2017/2018 Academic

Year

Top Reviewer March 2018

American Journal of Preventive Medicine

Awarded for peer reviewer quality score over past year

Member Recognition Award

American College of Clinical Pharmacy: Ambulatory Care Practice

and Research Network

Awarded for Accomplishments and Contributions To the

Profession of Pharmacy

Perry A. Foote Award May 2012

This award recognizes distinguished leadership, service, and scholarship during the Doctor of Pharmacy program at the

University of Florida

Phi Lambda Sigma Pharmacy Leadership Society Inducted November

2011

February 2011

November 2016

24th Annual Research Showcase Professional Student

Division Winner

Poster: Extending Genetic Predictors of Warfarin Dose: APOE and CALU. Carris N, Gawronski BE, Shahin MH, Khalifa SI, Gong Y,

Langaee T, Johnson JA.

Rho Chi Pharmacy Honor SocietyInducted February 2010

Funded Grants

Agency: American College of Clinical Pharmacy Ambulatory Care Network

I.D.# Seed Grant

Title: 'Prevalence of Statin use for Cardiovascular Risk Reduction in Cancer Survivors and Primary

Care Physician Perspectives" P.I.: Raechel White, Pharm.D.

Role: Mentor

Total costs for project period: \$2,000 Project period: October 2023 – June 2025

Agency: Sanofi Winthrop Industrie

Title: "Economic analysis of iGlarLixi versus IDegLira for the treatment of type 2 diabetes"

P.I.: Kevin Cowart, PharmD, MPH

Role: Co-investigator

Total costs for project period: \$47885.65 Project period: August 2023 – June 2024

Agency: USF Health: Microbiome Ignite Research Award

Title: "Microbiome with Dysregulated Inflammation and Cardiometabolic Disease: An Ancillary

Study of the Microbiome in Aging Gut and Brain (MiaGB) Study"

P.I.: Nicholas W. Carris, Pharm.D.

Direct costs: \$5,000

Project period: November 2022 – June 2023

Agency: USF Health Taneja College of Pharmacy Seed Grant

Title: "Paradigm shift in the treatment of statin induced muscle pain by Metformin use"

P.I.: Nicholas W. Carris, Pharm.D. Direct costs per year: \$6,000

Project period: July 2019 – June 2020

Agency: University of South Florida: Equipment Acquisition and Improvement Grant

Title: "Acquisition of qRT-PCR and grip strength machine"

P.I.: Strinivas Tipparaju, Ph.D. Role on Project: Co-investigator

Total costs for project period: \$36,095

Project period: May 2018

Agency: University of South Florida: USF Health Women's Collaborative Seed Grant

Title: "Emerging risk factors for high risk pregnancy: Prediabetes"

P.I.: Nicholas W. Carris, Pharm.D. Total costs for project period: \$10,000 Project period: May 2016 – May 2018

Agency: American College of Clinical Pharmacy Ambulatory Care Network

I.D.# Tuition Grant to Attend the American College of Clinical Pharmacy Research Institute's

Focused Investigator Training P.I.: Nicholas W. Carris, Pharm.D. Total costs for project period: \$3,750

Project period: May 2016

Agency: <u>University of South Florida</u>: <u>Research & Innovation</u>, <u>Sponsored Research Conference</u>

Title: Innovations in Geriatric Health Symposium

P.I.: Janelle Perkins, Pharm.D. Role on Project: Co-investigator Total costs for project period: \$5,000 Project period: February 2016

Agency: American College of Clinical Pharmacy Ambulatory Care Network

I.D.# Seed Grant

Title: Diabetes prevention: An updated cost-savings analysis

P.I.: Nicholas W. Carris, Pharm.D. Total costs for project period: \$2,000 Project period: October 2015 – June 2017

Agency: <u>NIH/NHLBI</u> I.D.# R18 HL 116259-01

Title: "MEDication Focused Outpatient Care for Underutilization of Secondary Prevention

(MEDFOCUS)"

Role on Project: Site Co-investigator

Site PI: John Gums, PharmD

Total costs for project period: \$2,187,400 Project period: 4/1/2014 – 3/31/2019 Agency: AbbVie

Title: "Study of Diabetic Nephropathy with Atrasentan (SONAR)"

Role on Project: Site Co-investigator

Site PI: John Gums, PharmD

Total costs for project period: \$234,450 Project period: November 2013 – 2016

Refereed Original Articles (earliest to most recent)

* Corresponding author

- 1. **Carris N***, Kutner S, Reilly-Rogers S. New Pharmacological Therapies for Vasomotor Symptom Management: Focus on Bazedoxifene/Conjugated Estrogens and Paroxetine Mesylate. *Annals of Pharmacotherapy*. 2014;48(10):1343-9.
- 2. **Carris NW***, Taylor JR, Gums JG. Combining a GLP-1 Receptor Agonist and Basal Insulin: Study Evidence and Practical Considerations. *Drugs*. 2014;74(18):2141-52.
- 3. **Carris NW***, Spinelli A, Pierini D, Taylor JR, Anderson KV, Sando K, Powell J, Rosenberg E, Zumberg M, Smith SM, Gums JG, Dietrich E. Feasibility of extended duration follow-up for patients receiving warfarin (FADE-OUT). *Cardiovascular Therapeutics*. 2015;33(3):98-103.
- 4. Beavers CJ*, **Carris NW**, Ruf K. Management Strategies for Clopidogrel Hypersensitivity. *Drugs*. 2015;75(9):999-1007.
- 5. **Carris NW***, Smith SM*. Quality of Life in Treatment-Resistant Hypertension. Current Hypertension Reports. *Current Hypertension Reports*. 2015;17(8):61.
- 6. **Carris NW**, Ghushchyan V, Libby AM, Smith SM*. Health-related quality of life in persons with apparent treatment-resistant hypertension on at least four antihypertensives. *Journal of Human Hypertension*. 2016;30(3):191-6.
- 7. **Carris NW**, Pardo J*, Montero J, Shaeer KM. Minocycline as a Substitute for Doxycycline in Targeted Scenarios: A Systematic Review. Open Forum Infectious Diseases. *Open Forum Infectious Disease*. 2015;2(4):ofv178.
- 8. Robinson K*, Cutler JBR, **Carris NW**. First Pharmacological Therapy for Hypoactive Sexual Desire Disorder in Premenopausal Women: Flibanserin. *Annals of Pharmacotherapy*. 2016;50(2):125-32.
- 9. Smith SM*, **Carris NW**, Dietrich E, Gums JG, Uribe L, Coffey CS, Gums TH, Carter BL. Physician-Pharmacist Collaboration versus Usual Care for Treatment-Resistant Hypertension. *Journal of the American Society of Hypertension*. 2016;10(4):307-17.
- 10. **Carris NW***, Hwang AY, Smith SS, Taylor JR, Sando K, Powell J, Rosenberg EI, Zumberg MS, Gums JG, Dietrich EA, Anderson KV. Patient Satisfaction with extended-interval warfarin monitoring. *Journal of Thrombosis and Thrombolysis*. 2016;42(4):486-93.
- 11. Patel RV, Shaeer KM*, Patel P, Garmaza A, Wiangkham K, Franks RB, Pane O, **Carris NW**. EPA-registered repellents for mosquitoes transmitting emerging viral disease. *Pharmacotherapy*. 2016;36(12):1272-80.

- 12. **Carris NW***, Feng C, Kelly WN. The Changing Cost to Prevent Diabetes: A Retrospective Analysis of the Diabetes Prevention Program. *Journal of the American Pharmacists Association*. 2017;57(6):717-22.
- 13. **Carris NW***, Tipparaju SM, Magness DJ, Chapalamadugu KC, Magness RR. Pleiotropic effects of metformin to rescue statin-induced muscle injury and insulin resistance: A proposed mechanism and potential clinical implications. *Medical Hypotheses*. 2017;107: 39-44.
- 14. **Carris NW***, Tsalatsanis A, Tipparaju SM, Cheng F, Magness RR, Kumar A. Metformin's Impact on Statin-Associated Muscle Symptoms: An analysis of ACCORD study data and research materials from the NHLBI Biologic Specimen and Data Repository Information Coordinating Center. *Diabetes Obesity & Metabolism*. 2018;20(8):1994-9.
- 15. Hwang AY*, **Carris NW**, Dietrich EA, Gums JG, Smith SM. Evaluation of SAMe-TT2R2 score on predicting success with extended-interval warfarin monitoring. *Annals of Pharmacotherapy*. 2018;52(11):1085-90.
- 16. **Carris NW***, Magness RR, Labovitz, AJ. Prevention of Diabetes Mellitus in Patients with Prediabetes. American Journal of Cardiology. *American Journal of Cardiology*. 2019;123(3):507-12.
- 17. **Carris NW***, Cowart K, Garcia AS. Ambulatory Care Pharmacists' Perception of Prediabetes. *Journal of Pharmacy Practice*. 2019;897190019857844.
- 18. **Carris NW***, Nwabuobi C, He W, Bullers K, Wilson R, Louis JM, Magness RR. Review of Prediabetes and Hypertensive Disorders of Pregnancy. *American Journal of Perinatology*. 2019;10.1055/s-0039-1698831.
- 19. **Carris NW***, Cheon B, Wolfson J. Open Data, Trials and New Ethics of Using Others Work. *Journal of Medical Ethics*. doi:10.1136/medethics-2019-105898.
- 20. **Carris NW***, Coon S, Moseley MG. Searching for the Lowest Effective Opioid Dose: A Framework for Acute Pain from the National Academies. *Journal of the American College of Clinical Pharmacy*. 2020;3:1158–1160.
- 21. Cowart K*, **Carris NW**. Evaluation of cardiovascular and renal outcomes with ertugliflozin: what is the VERdict from the VERTIS-CV trial? *Expert Opinion on Pharmacotherapy*. doi: 10.1080/14656566.2020.1822327
- 22. Cheon B, Kumar A, Tsalatsanis A, Cowart K, Magness R, Tipparaju S, **Carris NW***. Impact of Metformin on Statin Persistence: A Post-Hoc Analysis of a Large Randomized Controlled Trial. *Journal of General Internal Medicine*. doi: 10.1007/s11606-020-06344-6
- 23. Updike WH, Pane O, Franks R, Saber F, Abdeen F, Balazy DD, **Carris NW***. Is it Time to Expand Glucagon-like Peptide-1 Receptor Agonist Use for Weight Loss in Patients Without Diabetes? *Drugs*. 2021;81(8):881-893. doi:10.1007/s40265-021-01525-x.
- 24. **Carris NW***, Dietrich EA. Semaglutide for Weight Loss. *Ann Pharmacother*. 2021;10600280211027204. doi:10.1177/10600280211027204

- 25. Cowart K*, **Carris NW**. Continuous Glucose Monitoring and Glycemic Control in Patients with Type 2 Diabetes Treated with Basal Insulin. *JAMA*. 2021;326(13):1329-1330. doi: 10.1001/jama.2021.13472.
- 26. Cowart K*, **Carris NW**. Practicable Measurement and Identification of Overbasalization. *Clinical Diabetes* 2021 Oct; cd210096. doi.org/10.2337/cd21-0096
- 27. Cowart K, Gonzalez R, **Carris NW***. Cardiovascular and microvascular outcomes with iGlarLixi versus iDegLira: A real-world, population-based cohort study. *Diabetes Obes Metab.* 2022;24(2):348-353. doi: 10.1111/dom.14579.
- 28. **Carris NW***, Corvin J. Prediabetes: An Undiagnosed Pandemic. *Endocr Pract.* 2022;28(2):231-232. doi: 10.1016/j.eprac.2021.10.004.
- 29. **Carris NW***, Mhaskar R, Coughlin E, Bracey E, Tipparaju SM, Halade GV*. Novel biomarkers of inflammation in heart failure with preserved ejection fraction: analysis from a large prospective cohort study. *BMC Cardiovasc Disord*. 2022;22(1):221. doi: 10.1186/s12872-022-02656-z.
- 30. Cowart K, Vascimini A, Kumar A, Tsalatsanis A, Saba Y, **Carris NW***. Impact of Overbasalization on Clinical Outcomes in Patients With Type 2 Diabetes: A Post-Hoc Analysis of a Large Randomized Controlled Trial. *Clin Diabetes*. 2022. cd220046. doi:10.2337/cd22-0046
- 31. Durell N, Franks R, Coon S, Cowart K, **Carris NW***. Effect of Antidepressants on Glucagon-Like Peptide-1 Receptor Agonist-Related Weight Loss. *Journal of Pharmacy Technology*. 2022. doi:10.1177/87551225221110850
- 32. **Carris NW,** Cole JD, Snyder Franklin A, Sunjic KM*. Vancomycin Flight Simulator: A Team-Based Learning Exercise. Pharmacy 2023, 11, 13. https://doi.org/10.3390/pharmacy11010013
- 33. Teague M, Martinez A, Walker E, El-Rifai M, **Carris NW***. Use and Interchange of Incretin Mimetics in the Treatment of Metabolic Diseases: A Narrative Review. Clin Ther. 2023;S0149-2918(23)00062-0. doi:10.1016/j.clinthera.2023.02.003
- 34. Cowart K, Singleton J, **Carris NW***. Inclisiran for the Treatment of Hyperlipidemia and Atherosclerotic Cardiovascular Disease Risk Reduction: A Narrative Review. *Clin Ther*. 2023: S0149-2918(23)00205-9. doi: 10.1016/j.clinthera.2023.06.011.
- 35. Cowart K*, Coon S, **Carris NW**. A Review of the Safety and Efficacy of Bexagliflozin for the Management of Type 2 Diabetes. *Annals of Pharmacotherapy*. 2023:10600280231190443. doi: 10.1177/10600280231190443.
- 36. **Carris NW***, Bunnell BE, Mhaskar R, DuCoin CG, Stern M. A Systematic Approach to Treating Early Metabolic Disease and Prediabetes. *Diabetes Ther.* 2023. doi: 10.1007/s13300-023-01455-9.

- 37. Vascimini A, Saba Y, Baskharoun F, Crooks K, Huynh V, Wasson S, Wright E, Bullers K, Franks R, **Carris NW**, Cowart K*. Pharmacist-Driven Continuous Glucose Monitoring in Community and Ambulatory Care Pharmacy Practice: A Scoping Review. *Journal of the American Pharmacist Association*. 2023: S1544-3191(23)00251-0. doi: 10.1016/j.japh.2023.07.010.
- 38. Butler TA*, Heiman E, Bianco J, Blanco D, **Carris NW**, Martinez A*. Evaluation of Pharmacist Impact on a Multidisciplinary Transitions of Care Service in Bundled Payments for Care Improvement Advanced Model Patients. *Journal of the American College of Clinical Pharmacy*. https://doi.org/10.1002/jac5.1884
- 39. Marte F*, Bianco J, Martinez A, **Carris NW***. Impact of a pharmacist-managed telemedicine pharmacotherapy clinic in the era of COVID-19. *Journal of Pharmacy Practice*. 2023 Nov 15:8971900231210156. doi: 10.1177/08971900231210156.
- 40. **Carris NW**, Mhaskar R, Coughlin E, Bracey E, Tipparaju SM, Reddy KR, Hariom Y, Halade GV*. Association of Common Foods with Inflammation and Mortality: Analysis from a Large Prospective Cohort Study. *Journal of Medicinal Food*. 2024. 1–8. doi: 10.1089/jmf.2023.0203
- 41. **Carris NW***, Wallace S, DuCoin cg, Mhaskar R, Stern M, Bunnell B. Discontinuing Semaglutide After Weight Loss: Strategy for Weight Maintenance and a Possible New Side Effect. *Canadian Journal of Physiology and Pharmacology*. 2024 Jun 1;102(6):391-395. doi: 10.1139/cjpp-2023-0464.
- 42. Wilson C, Butler T, Martinez A, Bianco J, **Carris NW***. A Pilot Project Implementing a Team-based Approach for Remote Physiologic Monitoring in an Accountable Care Organization. *American Journal of Health-System Pharmacy*. 2024 Jun 18:zxae170. doi: 10.1093/ajhp/zxae170.
- 43. White RT, Cowart K, **Carris NW**. Ambulatory Care Pharmacy Specialty Training. *Journal of the American Pharmacist Association*. 2024 Jun 6:102137. doi: 10.1016/j.japh.2024.102137.
- 44. Nelson S*, Buter TA, Martinez A, Bianco J, Blanco D, **Carris NW***. Impact of an ambulatory clinical pharmacy population health initiative on glycated hemoglobin reduction and value-based measures. *Diabetology. In press* [accepted 13 November 2024]

Books, Textbooks, Chapters (earliest to most recent)

- 1. Dietrich E, **Carris N**, Panavelil TA. Anti-inflammatory, Antipyretic, and Analgesic Agents; Drugs for Rheumatoid Arthritis, Gout, and Headache. In: Whalen K, Finkel R, Panavelil TA, eds. <u>Lippincott Illustrated Reviews: Pharmacology</u>. 6th ed. Baltimore: Lippincott Williams & Wilkins, 2015 (Chapter 36): 447 470
- 2. **Carris NW**, Smith SM, Gums JG. Osteoarthritis. In: Chisholm-Burns MA, Schwinghammer TL, Wells BG, Malone PM, Kolesar JM, DiPiro JT, eds. <u>Pharmacotherapy Principles & Practice</u>. 4th ed. New York: McGraw-Hill, 2016 (Chapter 58): 889 899
- 3. Garland SG, **Carris NW**, Smith SM. Osteoarthritis. In: Chisholm-Burns MA, Schwinghammer TL, Malone PM, Kolesar JM, Bookstaver B, Lee K, eds. <u>Pharmacotherapy Principles & Practice</u>. 5th ed. New York: McGraw-Hill, 2019. (Chapter 58): 903 914

- 4. **National Academies of Sciences, Engineering, and Medicine**. 2019. Framing opioid prescribing guidelines for acute pain: Developing the evidence. Washington, DC: The National Academies Press. https://doi.org/10.17226/25555.
- 5. **Carris NW**, Cowart K. Non-Statin Therapy for Dyslipidemia. In: Sanoski CA, Witt DM, eds. Pharmacotherapy Self-Assessment Program, 2022 Book 1. Cardiology. Lenexa, KS: American College of Clinical Pharmacy, 2022:157-180.
- 6. ACCP Ambulatory Care Pharmacist's Survival Guide, 5th Edition Eds. Evoy KE, Balli M, **Carris NW**, et al. American College of Clinical Pharmacy, 2024.

Abstracts

- 1. **Carris N**, Gawronski BE, Shahin MH, Khalifa SI, Gong Y, Langaee T, Johnson JA. Extending genetic predictors of warfarin dose: APOE and CALU. University of Florida Genetics 2010 Symposium. October 2010.
- 2. **Carris N**, Marks G. Evaluation of meropenem use in critical care units at a community hospital. American Society of Health-System Pharmacists, 2012 Midyear Clinical Meeting.
- 3. **Carris N**, Dietrich E, Schultz A, Alessandrini J, Summers L, Gums JG. Tracking thrombosis and pain metrics in a status-post orthopedic surgical population: results from a participating institution in the surgical outcomes project. American College of Clinical Pharmacy, 2013 Annual Meeting. October 13–16, 2013, in Albuquerque, New Mexico.
- 4. **Carris NW**, Taylor J, Anderson KV, Sando K, Spinelli A, Elliott J, Powell J, Pierini DC, Cogan P, Smith SM, Gums J, Dietrich E. Feasibility of extended duration follow-up for patients receiving warfarin. American College of Clinical Pharmacy, 2014 Annual Meeting. October 12–15, 2014, in Austin, Texas.
- 5. Shute K, Kodsi B, Samraj G, Malaty J, **Carris N**, Smith S. Establishing and integrating a multidisciplinary anticoagulation clinic into an academic based residency program. 48th Society of Teachers of Family Medicine Annual Spring Conference. Orlando, FL. April 25-29, 2015. Roundtable Presentation 33010.
- 6. Kodsi B, Samraj G, Machek M, **Carris N**, Malaty J. Impact of integrating family medicine and pharmacy in an interdisciplinary anti-coagulation program. 48th Society of Teachers of Family Medicine Annual Spring Conference. Orlando, FL. April 25-29, 2015. Poster 33009.
- 7. **Carris NW**, Smith SM, Taylor J, Sando K, Powell J, Hwang A, Gums JG, Dietrich E, Anderson KV. Anticoagulation-related quality-of-life associated with extended-interval monitoring: a pre-specified analysis of the FADE-OUT study. American College of Clinical Pharmacy, 2015 Annual Meeting. October 17–21, 2015, in San Francisco, California.
- 8. **Carris NW**, Miladinovic B, Kelly WN. Updated cost-savings of metformin for diabetes prevention. American College of Clinical Pharmacy, 2016 Annual Meeting. October 23–26, 2016, in Hollywood, Florida.

- 9. Hwang A, Smith SM, Dietrich E, **Carris N**, Gums J. Evaluation of SAMe-TT2R2 score on predicting anticoagulation control with extended-interval warfarin monitoring. American College of Clinical Pharmacy, 2017 Annual Meeting. October 7–10, 2017, in Phoenix, Arizona.
- 10. **Carris N**, Eichel C, Martinez J, Saraiya C. A physician/patient integrated approach to increasing annual wellness visits. American College of Clinical Pharmacy, 2017 Annual Meeting. October 7–10, 2017, in Phoenix, Arizona.
- 11. **Carris NW**, Cowart K, Garcia A. Prediabetes and Pharmacist Opinion: An Opportunity for Team-Based Care. American College of Clinical Pharmacy Global Conference on Clinical Pharmacy. October 20–23, 2018, in Seattle, Washington.
- 12. Bartel K, Rosenblum A, Fox C, **Carris NW**. Bias in Research. 2019 ASHP Midyear Clinical Meeting. Las Vegas, NV, December 8-12, 2019.
- 13. **Carris NW**, Cheon B, Wolfson J. Open Data: Novel Uses and Old Ethical Concerns New Again. USF Health Research Day. February 21, 2020. [Oral Presentation]
- 14. **Carris NW**, Cheon B, Tsalatsanis A, Cowart K, Magness RR, Tipparaju SM, Kumar A. Impact of Metformin use on Statin Persistence in patients with type 2 diabetes: A post-hoc analysis. American College of Clinical Pharmacy, 2020 Annual Meeting. October 19–30, 2020, Virtual.
- 15. Cowart K, Tsalatsanis A, Cutler J, Updike WH, **Carris NW**. Real-World Impact of Continuous Glucose Monitoring in Non-Insulin Treated Type 2 Diabetes. 2022 ACCP Virtual Poster Symposium. May 25, 2022, Virtual.
- 16. Wilson C, Martinez A, Bianco J, **Carris N**. Implementation of remote physiologic monitoring in an Accountable Care Organization. Vizient Pharmacy Network Meeting, 2022. December 2-3, 2022, in Las Vegas, Nevada.
- 17. Butler TA, Martinez A, Heiman E, Blanco D, Bianco J, **Carris N**. Evaluation of pharmacist impact on a multidisciplinary transitions of care service in Bundled Payments for Care Improvement Advanced model (BPCI-A) patients. Vizient Pharmacy Network, 2022 Annual Meeting. December 3, 2022, in Las Vegas, Nevada.
- 18. Butler TA, Wilson C, **Carris N**, Bianco J, Martinez A. Evaluation of a team-based approach to remote physiologic monitoring. Vizient Pharmacy Network, 2023 Annual Meeting. December 2, 2023, in Anaheim, California.
- 19. Nelson S, Butler T, Martinez A, Bianco J, Blanco D, **Carris N**. Pharmacist impact on A1c reduction and value-based measures. Poster presentation Vizient Member Networks Pharmacy Network Meeting: December 2, 2023; Anaheim, California.

Non-refereed Articles

1. **Carris, N**. Ceftaroline: A new cephalosporin with activity against methicillin-resistant staphylococcus aureus. PharmaNote. July 2011;26(10):1-7

- 2. Gums T, **Carris N**. A word to the wise pharmacy student: pharmacy fellowships. American College of Clinical Pharmacy Ambulatory Care Practice and Research Network Newsletter. 2014;7(1):15
- 3. **Carris N.** A flock of hypertension guidelines. Florida Family Physician. 2014;63: 8-11.
- 4. Teague M, Martinez A, **Carris NW**. Interchanging Glucagon Like Peptide-1 Receptor Agonists. ACCP Ambulatory Care PRN: Always Advocating. News Letter 27 October 2023.
- 5. **Carris NW**, MacMaster H, Baalmann A, Berlie H, Sherrill C on Behalf of the Endocrine and Metabolism Practice and Research Network Research Committee. Dear Excel... We are Never Ever Ever... Getting Back Together. Endocrine and Metabolism Practice and Research Network 2024 Spring NewsLetter. March 8, 2024.

Invited Presentations

National Presentations

Paying for Clinical Pharmacy Services: Comprehensive Medication Management, Transitions of Care, and Beyond

Continuing Education

American Society of Health System Pharmacists Mid-Year Clinical Meeting

Treatment of Hypertension Peripartum and Postpartum

Continuing Education

American College of Clinical Pharmacy Annual Meeting

Dysglycemia, Microvascular Disease, and HFpEF

Podium Presentation

Annual Meeting of the North American Section of the International Academy of Cardiovascular Sciences

Regional Presentation

Prediabetes: An Undiagnosed Pandemic

Continuing Education

South West Society Florida Society of Health System

Pharmacists

Beyond the Basics of Pharmacy Based Ambulatory

Practices: Stepping Out of Stereotypes

Continuing Education

Florida Society of Health-System Pharmacists Fall Meeting

Techniques to minimize Medication-Related Problems after Transitions of Care through Medication

Reconciliation

Continuing Education

Aspen Rx Health

December 2023

November 2023

September 2023

March 2023

October 2022

August 2021

Blood Pressure: Reconciling Hypertension and Diabetes November 2018 **Guidelines Continuing Education** American Association of Diabetes Educators (Florida Chapter) March 2018 An Update on Blood Pressure **Continuing Education** Southwest Society; Florida Society of Health-System **Pharmacists SPRINT to the Guidelines** August 2017 **Continuing Education** Southwest Society; Florida Society of Health-System **Pharmacists** The Cost of Preventing Diabetes April 2017 **Continuing Education** Southwest Society; Florida Society of Health-System **Pharmacists** Pediatric Immunizations: A Review with Pearls for February 2013 **Inpatient Pharmacists Continuing Education** 2013 Tennessee Society of Health-System Pharmacists Mid-Year Meeting **Local Presentations** Safe Medication Use in Older Adults October 2022 **Continuing Education** Tampa General Hospital **Innovation in Private for Profit Health Systems June 2019 Continuing Education** Redefining the Value of Our Profession through Intrapreneurship, Entrepreneurship and Innovation **Research Seminar June 2018** Educational series on research project development Department of Pharmacotherapeutics and Clinical Research **Opioids, Benzodiazepines, and Polypharmacy** May 2018 Clinical Transformation Team: Lecture/Program Initiation Florida Medical Clinic **Dataset Development** July 2017

Clinical Research Workshop

University of South Florida Taneja College of Pharmacy

Inter-Residency Research and Data Management June 2017 **Continuing Education** Tampa Bay Residency Forum Preceptor Workshop 2017 **Guide to Hypertension Management** September 2016 Physician and Administrator Training Clinical Liaison Session: Florida Medical Clinic **Data Management** February 2016 Department of Pharmacotherapeutics and Clinical Research University of South Florida **Triglycerides** February 2016 Department of Family Medicine Florida Medical Clinic **Polypharmacy** January 2016 Florida Medical Clinic: Physician Education Feasibility of Extended-interval Follow-up for Patients May 2015 **Receiving Warfarin** Department of Pharmacotherapy and Translational Research University of Florida College of Pharmacy Updates in the Treatment of High Blood Pressure in October 2014 Adults Community Health and Family Medicine Physicians University of Florida College of Medicine **Warfarin Dose Adjustments** May 2014 Family Medicine Residency Program University of Florida College of Medicine **New Drug Update** April 2014 Family Medicine Residency Program University of Florida College of Medicine Cystitis in the Post Antibiotic Era March 2014 Department of Pharmacotherapy and Translational University of Florida College of Pharmacy **Hypertension: Guideline updates** January 2014 Family Medicine Residency Program University of Florida College of Medicine The Outpatient Management of Warfarin November 2013 Family Medicine Residency Program University of Florida College of Medicine

Pharmacotherapy of Obesity

Family Medicine Residency Program University of Florida College of Medicine September 2013

TriStar CE Program: Case Based Infectious Diseases

Continuing Education

TriStar Centennial Medical Center

June 2013

Synera: Drug Monograph

Pharmacy & Therapeutics Committee TriStar Centennial Medical Center

March 2013

Intravenous Non-Cytotoxic Extravasation Policy/Protocol

Pharmacy & Therapeutics Committee TriStar Centennial Medical Center

August 2012

Student Perspective Lecture

College of Pharmacy Fall Faculty Workshop University of Florida College of Pharmacy

September 2011

Antibiotic Streamlining

Department of Pharmacy Celebration Health Hospital **April 2011**

Antimicrobial Stewardship: Quantifying Double β-lactam

"Never" Combinations **Department of Pharmacy**

North Florida Regional Medical Center

April 2011

Neuroleptic Malignant Syndrome

Department of Pharmacy

North Florida Regional Medical Center

April 2011

Polymorphisms of ApoE and CALU: An Association Study with Therapeutic Warfarin Dose in an Egyptian

Population

Research Training Program

Evidence Based Clinical Reasoning III

University of Florida College of Pharmacy

July 2010

Courses Coordinated

Workplace Professional Development

University of South Florida Taneja College of Pharmacy

Fall Semester 2023 -

Fall Semester 2023 -

Present

University of South Florida Taneja College of Pharmacy

Present

Advanced Therapeutics and Clinical Reasoning (PY3 Elective) Fall Semester 2023 -

University of South Florida Taneja College of Pharmacy Present Pharmacy Longitudinal Research Program (Spring – PY2) University of South Florida Taneja College of Pharmacy

Spring Semester 2019 -Present

Pharmacy Longitudinal Research Program (Fall – PY2) University of South Florida Taneja College of Pharmacy

Fall Semester 2018 -2023

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2016 -

2023

Pharmacotherapy 6

University of Florida College of Pharmacy

Spring 2015, 2014

Case Based Infectious Disease Belmont College of Pharmacy

Spring 2013

Didactic Lectures

Respiratory Conditions in Ambulatory Care

Ambulatory Care Clerkship Lecture Series

University of South Florida Taneja College of Pharmacy

May 2024 - Present

Billing in Pharmacy

Ambulatory Care Elective

University of South Florida Taneja College of Pharmacy

Fall Semester 2023 -

Present

Personal and Professional Development

Introduction to Pharmacv

University of South Florida Taneja College of Pharmacy

Fall 2023 - Present

Sleep Apnea

Integrated Pharmacotherapeutics I

University of South Florida Taneja College of Pharmacy

Fall Semester 2022 -

Present

Hypertension

Integrated Pharmacotherapeutics I

University of South Florida Taneja College of Pharmacy

Fall Semester 2022 –

Present

How to Journal Club

Ambulatory Care Clerkship Lecture Series

University of South Florida Taneja College of Pharmacy

May 2022 – January

2024

Health Professionals' Impact on the Opioid Epidemic

Physician Assistant Program

University of South Florida Morsani College of Medicine

Spring Semester 2020

and 2021

Warfarin Clinic: Bridging Evidence to Practice

Pharmaceutical Skills 3

University of South Florida Taneja College of Pharmacy

Fall Semester 2019 -

2021

Personal and Professional Development

Pharmaceutical Skills 1

University of South Florida Taneja College of Pharmacy

Fall Semester 2019 -

2021

Sleep Apnea

Pharmaceutical Skills 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2019 –

2020

Data Collection and Management

Pharmacy Longitudinal Research Project: Interactive Discussion

University of South Florida Taneja College of Pharmacy

Fall Semester 2018

My Research

Seminars in Pharmacy (IDH 4930)

University of South Florida

2018 - Present

Applying the New Blood Pressure Guidelines

Pharmaceutical Skills Lab 4: Interactive Lecture

University of South Florida Taneja College of Pharmacy

March 2018

How I Changed Life for People as a Pharmacist

Seminars in Pharmacy (IDH 4930)

University of South Florida

2018 - Present

Vital Signs

Pharmaceutical Skills Lab 3

University of South Florida Taneja College of Pharmacy

Fall Semester 2017 –

2021

The Treatment of High Blood Pressure

Ambulatory Care Clerkship Lecture Series

University of South Florida Taneja College of Pharmacy

June 2016 – August 2022

Targeted Infectious Diseases Review

Clerkship student lecture series

University of Florida College of Pharmacy

May 2015

Skin and Soft Tissue Infections Lecture

Clerkship student lecture series

University of Florida College of Pharmacy

March 2015

Skin and Soft Tissue Infections Lecture

Pharmacotherapy III lecture

University of Florida College of Pharmacy

February 2015, 2014

Geriatric Pharmacotherapy

Pharmacotherapy Review lecture

University of Florida College of Medicine: Physician Assistant

program

January 2015, 2014

Basics of Literature Review Clerkship student lecture series University of Florida College of Pharmacy	June 2014
Anticoagulants and Antiplatelets Lecture Pharmacotherapy Review lecture University of Florida College of Medicine: Physician Assistants	June 2014
Lipids Lecture Pharmacotherapy Review lecture University of Florida College of Medicine: Physician Assistants	May 2014
Hypertension and CHF Lecture Pharmacotherapy Review lecture University of Florida College of Medicine: Physician Assistants	May 2014
Diabetes Mellitus and Metabolic Syndrome Lecture Pharmacotherapy Review lecture University of Florida College of Medicine: Physician Assistants	May 2014
SSTI/LRTI/URTI Lecture Pharmacotherapy III lecture University of Florida College of Medicine: Physician Assistant	May 2014
Lower Respiratory Tract Infections Lecture Pharmacotherapy III lecture University of Florida College of Pharmacy	March 2014
Upper Respiratory Tract Infections Lecture Pharmacotherapy III lecture University of Florida College of Pharmacy	March 2014
Glaucoma Lecture Pharmacotherapy II lecture University of Florida College of Pharmacy	September 2013
Infectious Disease Pharmacology/UTI Lecture Clerkship student lecture series University of Florida College of Pharmacy	August 2013
Congenital Heart Defects and Kawasaki disease Pediatric elective lecture Belmont University College of Pharmacy	October 2012
Essentials of Hypertension Introductory Pharmacotherapy Lecture University of Florida College of Pharmacy	September 2011

Didactic Case Discussions (with content development)

Depression: Team Based Learning Exercise

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2019 -

2022

Warfarin Dosing Case: Team Based Learning Exercise

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2019 -

2022

Cardiometabolic Disease: Integrated discussion

Capstone Interprofessional Education

Taneja College of Pharmacy & Morsani College of Medicine

University of South Florida

April 2017 - 2022

Vancomycin Dosing Case: Team Based Learning Exercise

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2016 -

2022

Sleep Apnea: Case Discussion

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2016 -

2020

Depression: Case Discussion

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2016 -

2018

Motivational Interviewing: Case Discussion

Pharmaceutical Skills Lab 4

University of South Florida Taneja College of Pharmacy

Spring Semester 2016 -

2023

Integrated Case Assessment and Rational Pharmacotherapy

Ambulatory Care Clerkship Students

University of South Florida Taneja College of Pharmacy

October 2015

Pharmacotherapy Case Discussion: Cardiovascular Disease

Pharmacotherapy Review case and discussion

University of Physician Assistant program

June 2015

Pharmacotherapy Case Discussion: Type 2 Diabetes

Pharmacotherapy Review case and discussion

University of Florida Physician Assistant program

May 2015

Pharmacotherapy Case Discussion: SSTI and ID Review

Pharmacotherapy Review case and discussion

University of Florida Physician Assistant program

May 2015

Pharmacotherapy Case Discussion: Hypertension

Pharmacotherapy Review case and discussion University of Florida Physician Assistant program May 2015

Skin and Soft Tissue Infections Case Discussion February 2015, 2014 Pharmacotherapy III interactive case discussion University of Florida College of Pharmacy **Lower Respiratory Tract Infections Case Discussion** March 2014 Pharmacotherapy III interactive case discussion University of Florida College of Pharmacy **Experiential Teaching Advanced Pharmacy Practice Experience (Elective)** August 2020 Academia University of South Florida Taneja College of Pharmacy **Advanced Pharmacy Practice Experience (Elective)** April 2018 - 2022 Innovative Clinical Practice Models and Clinical Research University of South Florida Taneja College of Pharmacy **Advanced Pharmacy Practice Experience (Required** May 2016 - Present **Ambulatory Care Rotation)** University of South Florida Taneja College of Pharmacy Advanced Pharmacy Practice Experience (Required July 2013 - June 2015 Ambulatory Care Rotation) University of Florida College of Pharmacy **Editorial Staff PharmaNote®** 2013 - 2015**Assistant Editor** Frontiers in Pharmacology 2023 - Present **Drugs Outcomes Research and Policies Review Editor Pharmacy Today** 2024 - Present Editorial Advisory Board American Pharmacist's Association **Master's Thesis Committees** "Risk of preeclampsia in women with gestational diabetes 2019 - 2020

mellitus"

Astha Kakkad for MSPH

Mentor: Pharmacy Longitudinal Research Project

2017 - 2019
2019 – 2020
2020 - 2021
2022 - Present
2022 - Present
2023 – Present
2017 - 2018
2018 - 2019
2018 - 2019
2018 - 2019
2019 – 2020

Depression: A Team-Based Learning Activity Megan Barber, Pharm.D. and Ashley Miller, Pharm.D.	2019 - 2020
Vancomycin: A Team-Based Learning Activity Jennifer Ryder, Pharm.D. and Morgan Mastin, Pharm.D.	2019 - 2020
Sleep Apnea Lecture and Interactive Case Discussion Baylee Bryan, Pharm.D.	2019 - 2020
Depression: A Team-Based Learning Activity Vilmarie Colon-Berrios, Pharm.D.	2020 - 2021
Warfarin: A Team-Based Learning Activity Krystyl de Villa, Pharm.D. and Jenna Thiel, Pharm.D.	2020 - 2021
Vancomycin: A Team-Based Learning Activity Robert Pie, Pharm.D. and Andrew Carothers, Pharm.D.	2021 - 2022
Warfarin: A Team-Based Learning Activity Mekaliah Creese, Pharm.D. and Ashani McDonald, Pharm.D.	2021 - 2022
<u>Grant Reviewer</u>	
Medication Optimization Improving Human Health Grant American College of Clinical Pharmacy Foundation	2023
Futures Grant American College of Clinical Pharmacy Foundation	2022
Ambulatory Care Seed Grant American College of Clinical Pharmacy Ambulatory Care Practice and Research Network	2020
Ambulatory Care Seed Grant American College of Clinical Pharmacy Ambulatory Care Practice and Research Network	2019
Peer Reviewer (alphabetically)	
 American Journal of Obstetrics & Gynecology American Journal of Pharmaceutical Education American Journal of Preventive Medicine Annals of Internal Medicine Annals of Medicine Annals of Pharmacotherapy BMJ Open BMJ Public Health Canadian Journal of Physiology and Pharmacology Circulation Clinical Pharmacokinetics 	2024 2014 - 2017, 2020, 2023 2017 - 2021 2018 - 2020 2021 2015 - 2022, 2024 2021 - 2022, 2024 2024 2014 2024 2015 - 2016 2016

13. Clinical Therapeutics	2019, 2020, 2022, 2024
14. Diabetes, Metabolic Syndrome & Obesity: Targets & Therapy	2015
15. Diabetes, Obesity, and Metabolism	2018, 2022 – 2024
16. Diabetes Research and Clinical Practice	2019 - 2021
17. Diabetes Therapy	2023
18. Diabetologia	2017, 2021
19. Diabetology & Metabolic Syndrome	2018, 2019
20. Drugs - Real World Outcomes	2022
21. Expert Opinion On Pharmacotherapy	2023
22. International Journal of Medical Informatics	2019
23. JAMIA Open	2015, 2021
24. Journal of the American Heart Association	2022, 2024
25. Journal of the American Informatics Association Open	2021
26. Journal of Cardiovascular Translational Research	2022
27. Journal of General Internal Medicine	2019, 2022, 2023
28. Journal of Human Hypertension	2018
29. Journal of Pharmacy Practice	2019
30. Journal of Pharmacy Technology	2024
31. Journal of that macy recliniology	2018 – 2022, 2024
32. Preventing Chronic Disease	2024
33. Pharmacotherapy	2023 - 2024
34. Vascular Health and Risk Management	2015 - 2016
54. Vasculai Health and Nisk Management	2013 - 2010
National Committees	
Research Committee (Chair)	2024
American College of Clinical Pharmacy	
Endocrine and Metabolism PRN Research Committee Practice	
and Research Network	
Research Committee (Member)	2023
American College of Clinical Pharmacy	
Endocrine and Metabolism PRN Research Committee Practice	
and Research Network	
and Research Network	
Advocacy Committee (Member)	2023
American College of Clinical Pharmacy	2020
Ambulatory Care Practice and Research Network	
AUDULATORY CALE PLACTICE AND RESEARCH NELWORK	
Allibulatory care Fractice and Research Network	
·	2022
Education Committee (Member)	2022
Education Committee (Member) American College of Clinical Pharmacy	2022
Education Committee (Member)	2022
Education Committee (Member) American College of Clinical Pharmacy Ambulatory Care Practice and Research Network	
Education Committee (Member) American College of Clinical Pharmacy Ambulatory Care Practice and Research Network Research Process Committee (Member)	2022 2016 - 2020
Education Committee (Member) American College of Clinical Pharmacy Ambulatory Care Practice and Research Network	

Regional Committees

Membership Affairs Council

Florida Society of Health-System Pharmacists (Member)

August 2019 – September 2020

University Committees

Honors and Awards Council

University of South Florida

November 2021 -

Present

College Committees

Curriculum Committee

University of South Florida Taneja College of Pharmacy July 2024 - Present

Faculty Council

University of South Florida Taneja College of Pharmacy August 2021 – June 2022

Committee on Student Affairs

University of South Florida Taneja College of Pharmacy Chair: October 2022 – June 2024 July 2020 - June 2024

Assessment Committee

University of South Florida Taneja College of Pharmacy July 2018 - June 2020

Research Committee

University of South Florida Taneja College of Pharmacy Secretary: June 2016 – June 2017 Chair: July 2017 – July 2018 January 2016 – July 2018

Student Organizations Advised

Academy of Managed Care Pharmacy – Student Chapter University of South Florida Taneja College of Pharmacy

September 2015 – Present

Community Service

Upward Bound: Career Speed Dating

University of South Florida Taneja College of Pharmacy

Summer 2020

Upward Bound Program: Mentorship Presentation

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University of South Florida Taneja College of Pharmacy

Summer 2020

Licensed Foster Parent April 2020 - April 2021; State of Florida Department of Children and Family Services Sept 2022 – Aug 2024

Upward Bound Program Summer 2019 University of South Florida Taneja College of Pharmacy: Activity

Volunteer

DEA Drug Take Back Volunteer pharmacist Tampa, FL

Migrant Worker Health Fair April 2014

Volunteer pharmacist Gainesville, FL

Equal Access Clinic Network: Free Clinic for the Uninsured Volunteer clinical pharmacist: Free after hours clinic University of Florida, Gainesville, FL

July 2013 – June 2015

September 2015, April

2019