

Christopher Todd Elder, Pharm.D., BCOP

901 S Flagler Drive • West Palm Beach, FL 33401

Telephone: (561) 803-2719 (office)

Email: Christopher_Elder@pba.edu

CLINICAL EXPERIENCE

Assistant Professor of Pharmacy Practice June 2017-Present
Palm Beach Atlantic University, Gregory School of Pharmacy
West Palm Beach, FL

Didactic Instruction

- Hematologic, Oncologic, and Immunologic Pharmacotherapy June 2017-Present
 - Course Coordinator and Instructor (3 Credits)
- Communications June 2017-Present
 - Course Instructor (3 credits)
- Case Studies Series in Therapeutics June 2017-Present
 - Course Facilitator/Mentor (2 credits)

Clinical Pharmacist-Hematology/Oncology (Practice site) August 2017-Present
Cleveland Clinic Florida, West Palm Beach, FL

- Ambulatory care oncology pharmacist specialist
- Development of oral chemotherapy education and monitoring program for Cleveland Clinic site
- Interdisciplinary department support for education and monitoring patient drug therapy and education focus on immunotherapy and oral chemotherapy
- Precept current advanced pharmacy students from multiple state pharmacy schools as well as current PGY-1 and PGY-2 pharmacy residents

Clinical Pharmacist-Hematology/Oncology July 2014-May 2017
PGY-2 Hematology/Oncology Residency Coordinator July 2015-May 2017
Lead Oral Chemotherapy Clinical Pharmacist August 2016-May 2017
Cone Health Cancer Center
Greensboro, NC

Duties:

- Provide comprehensive pharmaceutical care to adult oncology patients including: patient counseling and drug therapy monitoring to ensure patients receive safe, efficacious and cost-effective medication therapy
- Perform all distributive functions of department including: physician order interpretation, order entry into EMR, therapy monitoring, IV admixture, monitoring delivery systems, computer operation and stock control
- Supervise the dispensing of medications and intravenous solutions to patients for all types of chemotherapy and ancillary treatments
- Evaluation of appropriateness of drug utilization
- Evaluation of drug therapy to promote individualized therapy for patient needs
- Serve as member of oncology P&T sub-committee focusing on formulary recommendations based on current guidelines and pharmaco-economic strategies
- Perform clinical duties for pharmacist managed cancer center anticoagulation clinic

- Interdisciplinary department support for education and monitoring patient drug therapy and education
- Act as supervisor to pharmacy technicians
- Precept current advanced pharmacy students from multiple state pharmacy schools as well as current PGY-1 and PGY-2 pharmacy residents
- Appointment to PGY-2 oncology resident coordinator to assist current PGY-2 director in managing residency program
- Served as quality initiative team leader for oncology pharmacy group
- Developed oral chemotherapy navigator monitoring program for cancer center

EDUCATION AND TRAINING

PGY2 Pharmacy Residency – Hematology/Oncology Specialty ASHP Accredited Pharmacy Practice Specialty Residency Cone Health Cancer Center, Greensboro, NC Director: Lew Iacovelli, BS, PharmD, BCOP, CPP	July 2013-June 2014
PGY1 Pharmacy Residency – Acute Care Track ASHP Accredited Pharmacy Practice Residency Moses H. Cone Memorial Hospital, Cone Health, Greensboro, NC Director: Jackie Roh, Rph, BCPS	June 2012 – June 2013
Doctor of Pharmacy South University School of Pharmacy Savannah, Georgia Graduated High Honors	June 2009 – June 2012
Bachelor of Science in Biology/Chemistry Point Loma Nazarene University San Diego, California Graduated <i>Cum Laude</i>	Aug 2005 – May 2009

LICENSURE AND CERTIFICATES

Licensed Pharmacist State of North Carolina #22858 State of Florida #PS56248	August 2012 –Present June 2017 – Present
Board Certified Oncology Pharmacy Specialist (BCOP) Certification #5150027	July 2015 - Present
Advanced Cardiac Life Support (ACLS) American Heart Association (AHA)	August 2012 –June 2016
Basic Life Support for the Healthcare Provider (CPR and AED) American Heart Association (AHA)	July 2012 – Present

OTHER TEACHING EXPERIENCE

Clinical Instructor

University of North Carolina, Greensboro, NC
High Point University, High Point, NC

August 2012 – 2017
August 2016 – 2017

PAS 530: Oncology Pharmacology and Pharmacotherapy

Elon University Physician Assistant Program
Course Director: Melissa Murfin, PharmD-PA-C

August 2013

•Lecture 1: Chemotherapy Agents: Topoisomerase Inhibitors, Anthracyclines, Mitotic Inhibitors

KIN720: Pathophysiology and Pharmacology

Course Director (Graduate Sports Medicine): Laurie Wideman, PhD
Lecture 1: Cancer Treatments

April 2013

NUR 684: Pharmacotherapeutics for Nurse Practitioners

Course Director: Ellen Jones, ND, FNP, APRN

August 2012-November 2012

- Lecture 1: Asthma, COPD, and Bronchitis
- Lecture 2: GI Disorders: GERD, PUD, & IBS
- Lecture 3: Alzheimer's Disease, ADHD, Smoking Cessation, Obesity

SELECTED PRESENTATIONS

How Are We Doing Fighting The Most Common Cancers In Adults?

July 2019

Presenters: Christopher Elder, Pharm.D., BCOP

- Local state presentation at the Florida Pharmacist Association annual conference (FPA)

ACCP Updates in Therapeutics 2019: Pharmacotherapy Preparatory Review & Recertification Course: Oncology Supportive Care

April 2019

Presenters: Christopher Elder, Pharm.D., BCOP

- Online recording for Pharmacotherapy BCPS exam prep review

Navigating the Safety Hurdles of Inpatient Chemotherapy

March 2019

Presenters: Christopher Elder, Pharm.D., BCOP

- One hour CE dinner program for local Florida Society of Health-System Pharmacist (FSHP)

ACCP 2018 Last Chance Pharmacotherapy Review Webinar: Oncology

September 2018

Presenters: Christopher Elder, Pharm.D., BCOP

- National webinar presentation for Pharmacotherapy BCPS exam review

ACCP Updates in Therapeutics 2018: Pharmacotherapy Preparatory Review & Recertification Course: Oncology Supportive Care February 2018

Presenters: Christopher Elder, Pharm.D., BCOP

- National presentation for Pharmacotherapy BCPS exam prep review

The Pharmacist's Role in Managing Oral Oncolytics January 2017

Presenters: Christopher Elder, Pharm.D., BCOP and Adam Peele, Pharm.D., MHA, BCPS, BCOP

- National webinar presentation for hospital administrators and health care providers

New Advances in Chemotherapy Treatment: The Ongoing Battle with Cancer April 2015

- Community outreach presentation to staff, community and patients

Chemotherapy Induced Cardiotoxicities: Prevention and Management April 2014

- ACPE Continuing Education presented to Cone Health pharmacy staff

A Year in Review: New Oncology Drugs Approved in 2013 February 2014

- ACPE Continuing Education presented to Cone Health Cancer Center nursing staff

Alphabet Soup: Deciphering Tumor Markers and Pathways September 2013

- ACPE Continuing Education presented to Cone Health Cancer Center nursing staff

Management of Tumor Lysis Syndrome: Prevention and Treatment January 2013

- ACPE Continuing Education presented to Cone Health pharmacy staff

Research/Peer-Reviewed Publications

White K, **Elder CT**. Saddle Pulmonary Embolism with Fluorouracil: A Case Report. *J Oncol Pharm Pract.* 2020 (published online ahead of print).

Elder CT, Ohana Z, Younas Y. Fulvestrant and Palbociclib Induced Hepatotoxicity: A Case Report. *J Hematol Oncol Pharm.* Accepted **Publication Fall 2020**

Reff, MJ, Shillingburg A, Shah B, **Elder CT**, et al. Front-Line Use of Tyrosine Kinase Inhibitors in Chronic Phase Chronic Myeloid Leukemia: Practice Considerations. *J Oncol Pharm Pract.* 2020; 26(1):156-174.

Hicks JK, Aquilante CL, Dunnenberger HN, Gammal RS, Funk RS, Aitken SL, Bright DR, Coons JC, Dotson KM, **Elder CT**, Groff LT, Lee JC. ACCP White Paper: Precision pharmacotherapy: Integrating pharmacogenomics into clinical pharmacy practice. *J Am Coll Clin Pharm* 2019; 2:303-13.

Selected Poster Presentations and Book Chapter Publications

ACCP Updates in Therapeutics 2019: Pharmacotherapy Preparatory Review & Recertification Course

Book Chapter: Oncology Supportive Care

Author: Christopher T. Elder, Pharm.D., BCOP

- Book chapter as part of the prep course through ACCP for the 2019 BCPS Pharmacotherapy review course

Evaluation of Risk Factors with Current Standard-of-Care Antiemetic Prophylaxis in Cancer Patients.

Shokoya A, Boykin K, Elder C, et al.

- Poster presentation at local Southeast Society of Health-System Pharmacists in April 2019

ACCP Updates in Therapeutics 2018: Pharmacotherapy Preparatory Review & Recertification Course

Book Chapter: Oncology Supportive Care

Author: Christopher T. Elder, Pharm.D., BCOP

- Book chapter as part of the prep course through ACCP for the 2018 BCPS Pharmacotherapy review course

Abemaciclib (Verzenio) for the Treatment of HR+/HER2- Breast Cancer

Xu K, Throop C, Elder C

- Poster presentation at Florida Pharmacy Association (FPA) annual conference in Bonita Springs, FL July 2018

Literature Evaluation of Apalutamide (Erleada) for the Treatment of Non-metastatic Castration Resistant Prostate Cancer

Arevalo J, Buitrago M, Hernandez J, Osmon E, Elder C

- Poster presentation at Florida Pharmacy Association (FPA) annual conference in Bonita Springs, FL July 2018

Clinical Pharmacist Managed Oral Chemotherapy Clinic at a Community Based Comprehensive Cancer Center

Elder, C, Tucker G, Jacobsen S, et al.

- Cone Health Cancer Center, Greensboro, NC
- Presented at ACCP 2017 Annual Conference October 10, 2017

Improving oral chemotherapy fulfillment processes and implementation of a pharmacist-managed oral chemotherapy follow-up program

Jacobsen S, Shadad F, Peele A, Elder C

- American Society of Clinical Oncology (ASCO) Quality Training Program
- Presented October 8, 2015

Evaluation of the impact of a pharmacist as a part of a multidisciplinary lung cancer outpatient clinic

Felt K, Peele A, Elder C

- Poster presentation at Hematology/Oncology Pharmacy Association (HOPA) meeting in Atlanta, GA 2015

Effectiveness of pharmacist-guided follow-up services in patients with cancer starting oral chemotherapy

Elder C, Iacovelli L

- Presented at the South Eastern Regional Conference in Athens, GA, May 2014
- Poster Presentation at Hematology/Oncology Pharmacy Association (HOPA) meeting in New Orleans, LA 2014

PROFESSIONAL EXPERIENCE, SERVICE, & LEADERSHIP

2018-2020 FLASCO (Florida Society of Clinical Oncology) Legislative Committee Member

May 2018-Present

- Identify and consider public policy issues related to cancer care and clinical research
- Identify areas for potential advocacy intervention
- Identify unaddressed needs and review/approve draft policy documents

2018 ACCP Clinical Practice Affairs Committee Member

October 2017-October 2018

- Goal: Develop an ACCP white paper that articulates real-world applications of precision medicine (specifically, “precision pharmacotherapy”) to today’s clinical pharmacist practice
- Regular meetings and effort put into writing process and editing
- Draft submitted July 2018
- Publication: April 2019

AWARDS, SCHOLARSHIPS, OFFICES

Faculty Advisor of the Year

May 2019

- Recognized for outstanding leadership and service as faculty advisor

Leadership in Pharmacy - Class of 2012

June 2012

South University School of Pharmacy
Savannah, Georgia

Pharmaceutical Sciences Achievement Award - Class of 2012

June 2012

South University School of Pharmacy
Savannah, Georgia

- Awarded to student with the highest overall GPA in the pharmaceutical curriculum including: Integrated Sequences I-III, Pharmacokinetics I-II, Pathophysiology I-II, Pharmaceutical Analysis, Pharmaceutical Calculations, Molecular Biology, Biochemistry I-II, Pharmaceutics I-II, and Microbiology/Immunology

Dedication and Service Award
Pharmacy Student Leadership Council (PSLC)
South University School of Pharmacy
Savannah, Georgia

August 2011

Rho Chi Honor Society – Gamma Upsilon Chapter
South University School of Pharmacy
Savannah, Georgia

September 2010-
Present

PROFESSIONAL AFFILIATIONS

American College of Clinical Pharmacy (ACCP)

Oct 2012 – Present

Hematology Oncology Pharmacy Association (HOPA)

Sept 2013 – Present

American Association of Colleges of Pharmacy (AACP)

June 2017 – Present

North Carolina Oncology Pharmacists (NCOP)

July 2013 – June 2017

American Society of Health-Systems Pharmacists (ASHP)

Sept 2010 – August 2017

Rho Chi Honor Society – Gamma Upsilon Chapter

Sept 2010 – Present

Phi Lambda Sigma Leadership Society – Gamma Delta Chapter

Sept 2010 – Present

References Available on Request