



# Electronic Cigarettes and Vaping: What Every Pharmacy Professional Needs to Know

Dr. Miranda Andrus

Live Webinar February 04 2026, @ 12- 1 PM



## PROGRAM OVERVIEW

This presentation will include the history of electronic cigarettes and discuss the rapid increase in use. Safety concerns and health risks of vaping will be discussed. The use of electronic cigarettes as a tool for quitting traditional smoking will be evaluated. This presentation will prepare pharmacists and pharmacy technicians to counsel patients who want to quit vaping. The registration fee for this program is Free.

Funding for this webinar was made possible in part by grant number 6 NU58DP006790-05-02, CFDA 93.387 from the Alabama Department of Public Health (ADPH) Bureau of Prevention, Promotion, and Support's Tobacco Prevention and Control Branch through a cooperative agreement with the Centers for Disease Control and Prevention (CDC). The views expressed in written webinar materials or publications and by speakers and moderators do not necessarily reflect the official policies of the ADPH or CDC nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

Following registration, participants will have access to course instructions, updates, presentations, webinar link, program evaluation, CE certificates and credits, etc. **This program is approved for 1 ACPE Contact Hours, .1 CEUs.** Once credit is awarded, transcripts will be available online within 24 hours on the learner's CPE Monitor profile at <http://nabp.pharmacy/>

***The Office of Alumni and Professional Affairs strongly encourages each participant to check their profile online within 60 days of attendance to ensure credit has been awarded properly. ACPE will not accept CE submissions after 60 days from the live seminar date.***

# TARGET AUDIENCE

This application-based program is intended for Pharmacists (ACPE) and Pharmacy Technicians (ACPE),

## LEARNING OBJECTIVES

### Pharmacists/Technicians:

- Describe the evolution, marketing trends, and regulatory landscape of electronic cigarettes.
- Discuss the safety concerns and health risks associated with vaping.
- Evaluate the advantages and disadvantages of using electronic cigarettes as a smoking cessation tool.
- Apply evidence-based strategies to counsel patients who want to quit vaping.
- Identify resources available to assist patients ready to quit vaping.

## ACTIVITY COMPLETION REQUIREMENTS

To complete the steps for CE credit, each attendee will be required to access and review program materials located within the online course, attend the live Zoom webinar, enter the attendance code within the course that was provided at the conclusion of the program, complete the program evaluation within the online course, and claim credit within the course. Please contact [hcopce@auburn.edu](mailto:hcopce@auburn.edu) if you have any questions or needs related to this online CE program.

## TECHNOLOGY REQUIREMENTS

Participants are encouraged to secure a direct connection for all webinar programming. Please arrange for access to a computer with stable internet connection and Zoom capabilities. This program will be conducted via Zoom and includes interactive components.

If you're a new participant, we have a quick start guide here: <https://aub.ie/zoomquickstart>.

## FACULTY DISCLOSURES

Programming in with AUHCOP is in any way involved, whether as sole provider or joint-providership, shall exhibit fair content balance, providing the audience with information of multiple perspectives from which to form a professional opinion. In addition, the fair balance will assure than information provided does not discuss since commercial product. Brand names of all products included in the content may be mentioned for identification purposes only. Presenters in any continuing education offering will acknowledge and disclose any affiliation with the provider and such information will be made available to the audience. Faculty disclosures will also be included on an introductory slide during the presentation. Dr. Miranda Andrus and others in control of content have no actual or potential conflict of interest in relation to this program.

## ACCREDITATION INFORMATION

The Auburn University Harrison College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider for continuing pharmacy education; credits are recognized nationwide. The Universal Activity Number for this knowledge-based program is and is intended **0001-9999-26-001-L01-P** for pharmacists and **0001-9999-26-001-L01-T** for pharmacy technicians.

Disclosures: There is no commercial support being received for this program. Dr. Andrus and others in control of content have no actual or potential conflict of interest in relation to this program. No individuals in a position to control content for this activity have any relevant financial relationships to declare.

## PROGRAM FACULTY

Miranda Andrus, PharmD, BCPS, FCCP currently is a Clinical Professor of Pharmacy Practice with Auburn University Harrison College of Pharmacy, and Clinical Professor of Family Medicine with the University of Alabama at Birmingham (UAB) Heersink School of Medicine in Huntsville. Dr. Andrus is a native of Lookout Mountain, Georgia. She completed her pre-pharmacy course work at Trevecca Nazarene University in Nashville, Tennessee. She earned a Doctor of Pharmacy degree, graduating Magna Cum Laude, from the Samford University McWhorter School of Pharmacy in 1999. She completed a post-graduate specialty residency in Primary Care at the Durham VA Medical Center and UNC at Chapel Hill School of Pharmacy in 2000. In 2002, Dr. Andrus became a Board Certified Pharmacotherapy Specialist. At HCOP, Dr. Andrus teaches in the Practice Ready Curriculum in areas such as smoking cessation, SOAP note writing, and patient care work-up. She serves as Course Coordinator of the Integrated Learning Experiences IX and X in the third year of the PharmD curriculum and provides instruction outpatient primary care within the experiential curriculum. Her excellence in teaching has been recognized with multiple awards, including the HCOP Excellence in Teaching Award (2015), the Pharmacy Student Council Advocate Award (2010), and seven Preceptor of Excellence Awards. Dr. Andrus has been extremely active in the American College of Clinical Pharmacists (ACCP) since 2000. She served as Treasurer on the ACCP Board of Regents from 2018–2021 and is the founding director of the ACCP Professional Leadership Development Program, launched in 2022. She previously chaired the ACCP Education and Training Practice and Research Network in 2006-2007 and has served as chair of numerous national committees. In 2009 she received the distinction of Fellow of the American College of Clinical Pharmacy (FCCP). Dr. Andrus is a frequent speaker and presenter at national and state pharmacy and interdisciplinary conferences. She is passionate about treatment and prevention of tobacco and nicotine related disorders and has received state and federal grant funding for these efforts. She has authored over 40 peer reviewed publications related to the scholarship of teaching and learning in experiential education, tobacco/nicotine use disorder and treatment, diabetes, hypertension and dyslipidemia. Dr. Andrus began her appointment with the Harrison College of Pharmacy in Tuscaloosa, Alabama where she practiced in rural health for four years. In 2004, she moved to Huntsville and practices at the UAB-Huntsville Family Medicine Center where she provides pharmacotherapy patient services in the areas of smoking cessation, diabetes, hypertension, medication adherence, polypharmacy and medication affordability. She actively educates medical students and residents and, in this setting, including both patient care consults and frequent didactic lectures. She offers a popular elective pharmacotherapy rotation for second- and third-year Family Medicine Resident Physicians.

# POST-GRADUATE EDUCATION ADVISORY COMMITTEE

Spencer Durham, Pharm.D., BCPS, BCIDP  
Associate Clinical Professor, Director of Professional Affairs  
Harrison College of Pharmacy

Amy Carbajal, MPA  
Chief Operations Officer, Harrison College of Pharmacy

Natalie Hohmann, Pharm.D., Ph.D.  
Associate Professor, Drug Discovery and Development, Harrison College of Pharmacy

Haley Phillippe, Pharm.D., FASCP, BCPS, BCGP  
Clinical Professor, Pharmacy Practice, Harrison College of Pharmacy

Abby Bell, BSN, RNC-OB  
Clinical Placement and Nurse Apprenticeship Coordinator, AU College of Nursing

Brianna Foster  
Program Administrator, Alumni Affairs, Harrison College of Pharmacy

Tanja Redd, MBA, Ph.D.  
Program Coordinator, Professional Affairs, Harrison College of Pharmacy

Members of the Post-Graduate Education Advisory Committee have completed a conflict-of-interest disclosure form and have no actual or potential conflicts of interest in relation to this program.