

Activity Announcement

Data Visualization: Best Practices to Facilitate Discovery and Improve Communication of Evidence

ACPE Activity Number: 0204-0000-21-043-L04-P

Activity Date: May 25, 2021

Activity Type: Application

CE Credits: 1.0

Activity Fee: Free of charge to ASHP members

Accreditation for Pharmacists



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Target Audience

This continuing pharmacy education activity is designed for pharmacists who are new practitioners and are interested in advancing their knowledge on how to interpret the statistical methods used in medical literature.

Activity Overview

Join ASHP New Practitioners Forum for a live webinar as we welcome back Dr. Kenneth Shermock, Director of the Center for Medication Quality and Outcomes at The Johns Hopkins Health System, and Dr. Brittany Lee Karas, Drug Information Pharmacist at Northwestern Memorial Hospital. Dr. Shermock will discuss how to accurately and effectively interpret evidence how this skill can impact your clinical practice. As pharmacists, we make routine use of data visualizations to better understand topics and most of us create visualizations to convey information to others. Yet, far fewer of us have been exposed to formal schools of thought and scientific evidence regarding effective data visualization. This results in missed opportunities to understand our world more deeply, and to share these discoveries with others. This webinar will introduce evidence-based visualization techniques and demonstrate how they can be used to discover and reveal deep and often unexpected truths.

Learning Objectives

1. Identify empiric evidence regarding our ability to accurately interpret alternate graphical depictions of information.
2. Describe the impact of selected best practices in data visualization.
3. Summarize between the dual purposes of data visualization: discovery and presentation.
4. Discuss an approach to graphical design that adds detail to increase clarity.

Schedule of Educational Activities

(Schedule required for those activities with more than one components, topics, tasks, etc. This is a required ACPE Standard element and something must be included here. Below is an example of the minimum information needed for a schedule.)

1. **Webinar and speaker introduction (5 minutes)**
 - a. Brittany Lee Karas, PharmD
2. **Data visualization presentation (40 minutes)**
 - a. Kenneth Shermock, PharmD, PhD, FASHP
3. **Q&A and discussion (10 minutes)**

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- a. Brittany Lee Karas, PharmD
4. **New Practitioners Forum news & announcements**
 - a. Brittany Lee Karas, PharmD

Faculty Information

- Kenneth Shermock, Pharm.D., Ph.D., FASHP, Director, Center for Medication Quality and Outcomes, The Johns Hopkins Health System, Associate Director, Center for Drug Safety and Effectiveness, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
- Brittany Lee Karas, Pharm.D., Drug Information Pharmacist, Department of Pharmacy, Northwestern Memorial Hospital, Chicago, IL

Disclosures

In accordance with the Accreditation Council for Continuing Medical Education's Standards for Commercial Support and the Accreditation Council for Pharmacy Education's Standards for Commercial Support, anyone in a position to control the content of an educational activity is required to disclose to the accredited provider their relevant financial relationships. An individual has a relevant financial relationship if he or she (or spouse/domestic partner) has a financial relationship in any amount occurring in the past 12 months with a commercial interest whose products or services are discussed in the activity content over which the individual has control. In accordance with these Standards, all potential conflicts of interest have been resolved.

As defined by ACCME, a commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The Standards for Commercial Support do not consider providers of clinical service directly to patients to be commercial interests. The existence or non-existence of relevant financial relationships will be disclosed to the activity audience.

All planners, program chairs, presenters, reviewers and ASHP staff report no financial relationships relevant to this activity.

Methods and CE Requirements

For the live webinar, participants must participate in the entire activity to get the Attendance Code to claim continuing pharmacy education credit online at the ASHP eLearning Portal. Follow the prompts to complete the evaluation, claim credit, and view the statement of credit immediately after the activity within 60 days of the activity, but no later than **July 26, 2021**.

For Enduring/Home study, participants must participate in the entire activity, complete the evaluation and all required components to claim continuing pharmacy education credit online at ASHP eLearning Portal. Follow the prompts to claim credit and view your statement of credit within 60 days of completing the activity.

Important Note – ACPE 60 Day Deadline:

Per ACPE requirements, CPE credit must be claimed within 60 days of being earned. To verify that you have completed the required steps and to ensure your credits have been reported to CPE Monitor, check your NABP eProfile account to validate that your credits were transferred successfully before the ACPE 60-day deadline. After the 60 day deadline, ASHP will no longer be able to award credit for this activity.

System Technical Requirements



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System Requirements Courses and learning activities are delivered via your Web browser and Acrobat PDF. Users should have a basic comfort level using a computer and navigating web sites.

View the [minimum technical and system requirements](#) for learning activities.