# Hi-Tech O&M

# Dates: September 30th and October 1st 2016 Presenters: Diane Brauner and Ed Summers Workshop Fee: $225.00 \*(Early Bird $199.00) Credits: 16 PDP’s, ACVREP’s, Continuing Ed. Hours Sign in/Coffee: 8:30 am Workshop: 9:00 am – 4:00 pm

**Description:** Join a successful tech-savvy blind traveler and a veteran COMS for a 2-day, in-depth training as they share how to use technology to enable independent travel in a variety of specific real-world contexts. For example, finding bus stops, planning a route, building mental models, pedestrian travel in campus environments, etc. You will learn strategies for nurturing curiosity and confidence in young travelers as well as how to use cutting edge technology with students/clients of all ages. Technology topics will include an introduction to VoiceOver, accessible maps, GPS apps, functional daily living skill apps, activities to create digital O&M cheat sheets and an exciting new technology that incorporates iBeacons to provide O&M information and accurate positioning for indoor navigation. This session will include hands-on time to using the iBeacons that will be deployed around the training center. **Each participant must have an iPhone and the free BlindSq Event app.**

## Objectives

Participants will learn:

* Basic Voiceover screen reader gestures with an iPhone
* Technology to develop curiosity, knowledge and mental maps about their community and/or surroundings and to pre-view new environments
* Apps to plan and travel routes
* Apps for outdoor and indoor navigation
* Core suite of apps that are commonly used for O&M purposes
* How to teach these apps and strategies to O&M students and clients

## Prerequisites

Participants **MUST** have an **iPhone** running the latest version (unless otherwise stated) (must be an iPhone, not an Android phone)

* **Free BlindSq Event app** (which will be available in the App Store a week prior to the conference)

## Recommendations

* Participants will have the opportunity to observe and/or participate in hands-on activities with some apps that are only available on the iPad; if you have access to an iPad, please bring it. An iPad is not required.
* Some participants may prefer to use earbuds with the navigational apps as the environment may be noisy. Earbuds are not required. We do recommend non-occluding (bone conducting) ear buds such as [AfterShokz](http://aftershokz.com) or [AirDrives](http://www.airdrives.com) for safety reasons when listening and walking. These earbuds allow users to hear the environmental sounds – such as traffic – as well as VoiceOver announcements.

**Recommended iPhone apps:**

* NC NatSci app (free interactive, accessible museum map)
* LookTel Money Reader (optional)
* Tap, Tap, See (optional)

**Recommended iPad apps**: (iPad is recommended but not required)

* SAS Gloss (free annotation app – not available on the iPhone)
* iBooks (free)

\*Additional apps may be recommended prior to the training

## Presenters

* 1. ***Ed Summers*** is a blind software engineer and an accessibility specialist. He has a B.S. in Computer Science and 20 years of professional experience as a software developer and a development manager. Ed's personal mission is to enable people with disabilities to realize their full potential in the classroom and the 21st century knowledge economy. Ed leads the accessibility team at SAS, the market leader in business analytics software and services that is used at more than 70,000 sites around the world. He is the Chairman of the North Carolina Commission for the Blind. He is also a member of the North Carolina State Board of Education Advisory Council for the Governor Morehead School for the Blind.

***Diane Brauner*** is an educational accessibility consultant working with Perkins School for the Blind to create and manage the Paths to Technology website. Diane continues to collaborate with SAS on a variety of accessibility projects including iPad accessibility trainings. Diane has 25 years experience as a COMS, working primarily with preschool and school-age students. She holds degrees in Rehabilitation, Elementary Education,Visual Impairments, Hearing Impairments, and Orientation and Mobility.

**Register Online** or Download Announcement and Registration

Please submit registration and payment **by 9/23/16**\* Early Bird Discount applies if registration is received by 9/15/16

**Perkins Training Center   
175 North Beacon Street   
 Watertown, MA 02472** **Questions,** please contact: Teresa Pagliuca 617-972-7712 Email: PerkinsTrainingCenter@Perkins.org   
Phone: 617-972-7712 Fax: 617-972-7209

REGISTRATION

**Hi-Tech O&M**  
**Return registration form and payment by 9/23/16**

\* Early Bird Discount applies if registration is received by 9/15/16

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**Please indicate accommodations required:**

**Braille: Large Print: Interpreter: Special Diet:**

**How did you hear about this workshop?**

Please indicate all that apply:  
Continuing Ed. Credits  ACVREP Points PDP’s   
  
 **PLEASE RETURN REGISTRATION AND PAYMENT TO:  
Perkins Training Center**175 North Beacon Street   
Watertown, MA 02472

Checks can be made out to **Perkins School for the Blind**.

Payment must be received and confirmed in order to secure your participation.   
\*\*Please Note: Confirmed participant refunds will not be given without a 48 hour notice of cancellation\*\*