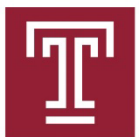




PENNSYLVANIA

TECH ACCELERATOR



**Temple
University**

College of Education
and Human Development

Institute on Disabilities



TECH OWL
TECHNOLOGY FOR OUR WHOLE LIVES

PA Tech Accelerator

- Training and Resources
 - Build capacity through trainings and resources for stakeholders
- Readiness Evaluation
 - Develop tools for successful adoption of remote supports and assistive tech
- Statewide Assessment
 - Plan and benchmark a Technology First Systems Change
- Provider Survey
 - Assess technology awareness and resources among 2,000 providers
- Technology Summits
 - Host 2025 summits to enhance awareness of tech solutions



Learn more at <https://disabilities.temple.edu/assistive-technology/pa-tech-accelerator>

Remote Supports 101

May 2025



Introductions

- AT Act Programs
 - Family out of state? Find their state program at at3center.net/state-at-programs
- Caitlin McKenney, MS, ATP
 - caitlin.mckenney@temple.edu



Objectives

- Describe three functions supported by remote technology.
- Compare professional monitoring services to technology monitored by a family member.
- Name two people that should be involved in the decision making when implementing remote supports.



What are remote supports?

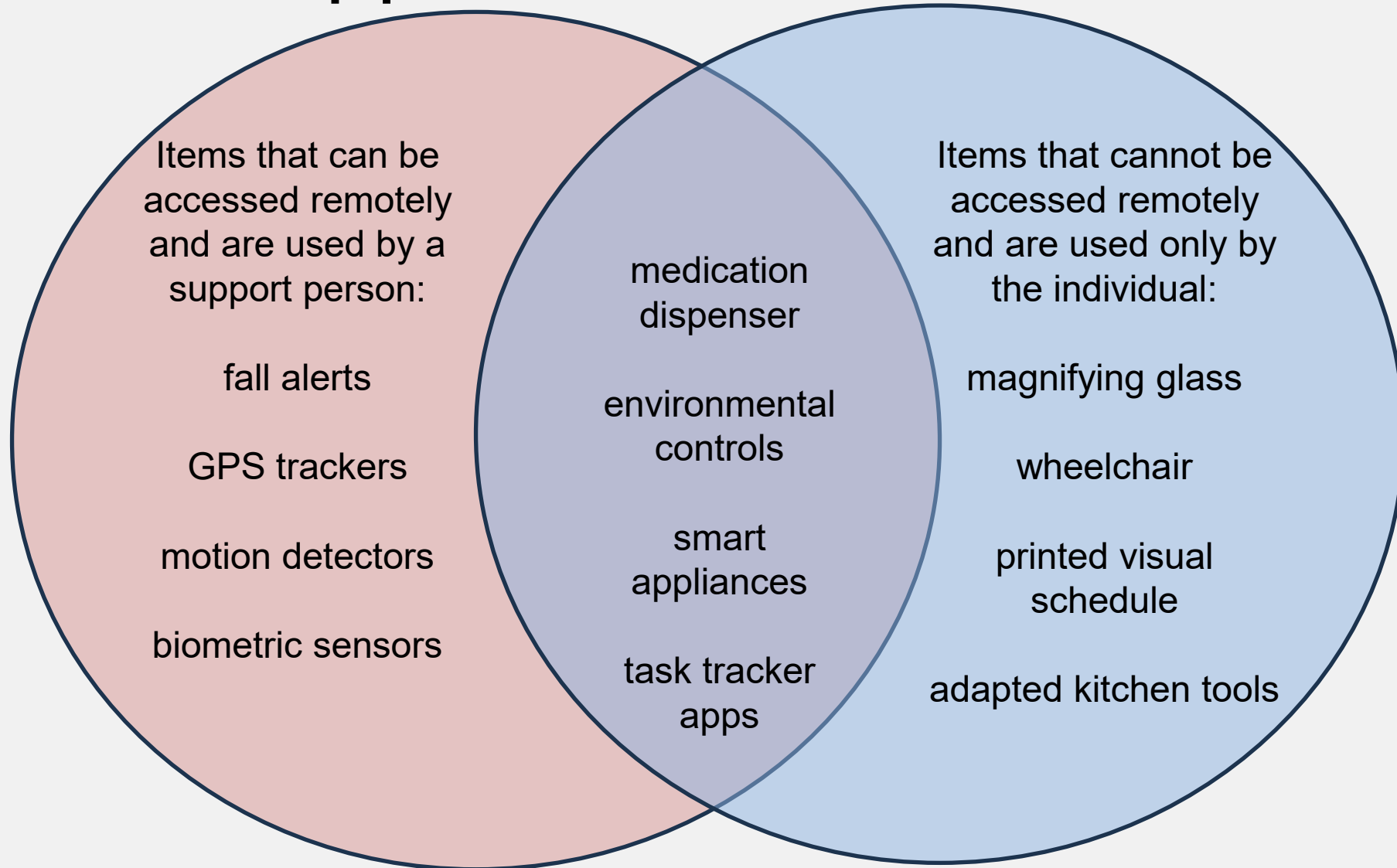


Remote support technology increases independence by connecting you to your support team. A caregiver may:

- Monitor internal or environmental conditions
- Respond to changes in routine
- Intervene with remote coaching



Remote Supports or Assistive Tech?



The answer may be “yes”!

Remote Supports is an Action

- Method of service delivery
- It requires a human available in real time!
- You can have Assistive Technology without Remote Supports
- You cannot have Remote Supports without Assistive Technology



Assistive Tech under ODP Waivers

What is it?

- Devices to “increase, maintain, or improve a participant’s functioning or increase a participant’s ability to exercise choice and control.”

Who can recommend it?

- AT evaluations may be done by a
 - physical therapist
 - occupational therapist
 - speech-language pathologist
 - assistive technology professional
 - enabling technology integration specialist
- Devices less than \$750 don’t require a professional recommendation



Remote Support under ODP Waivers

What is it?

- Remote supports involve the use of two-way real time communication that allows someone from off-site to monitor and respond to the participant's health and safety needs.
 - Must enhance independence and reduce the need for direct support

Who can recommend it?

- Assistive Technology Professional or Enabling Technology Integration Specialist



Additional Obligations

- ATP or ETIS must
 - Evaluate participant needs and how remote supports will ensure their health, welfare, and independence
 - Determine training needs and backup plans
 - Inform participant of how the tech impacts their privacy
- Be aware that
 - Recording (audio or video) is prohibited
 - Video monitoring in bedrooms or bathrooms are prohibited
 - Live audio prompts are allowed
 - Monitors must have indicators of when they are on



Functions

What do remote support technologies do?



Medication Management

Check-in calls from a live person can remind you to take your medicine.



Monitoring Vital Signs

Changes in heart rate, respiration rate, or movement patterns can be early warning signs of a health concern.



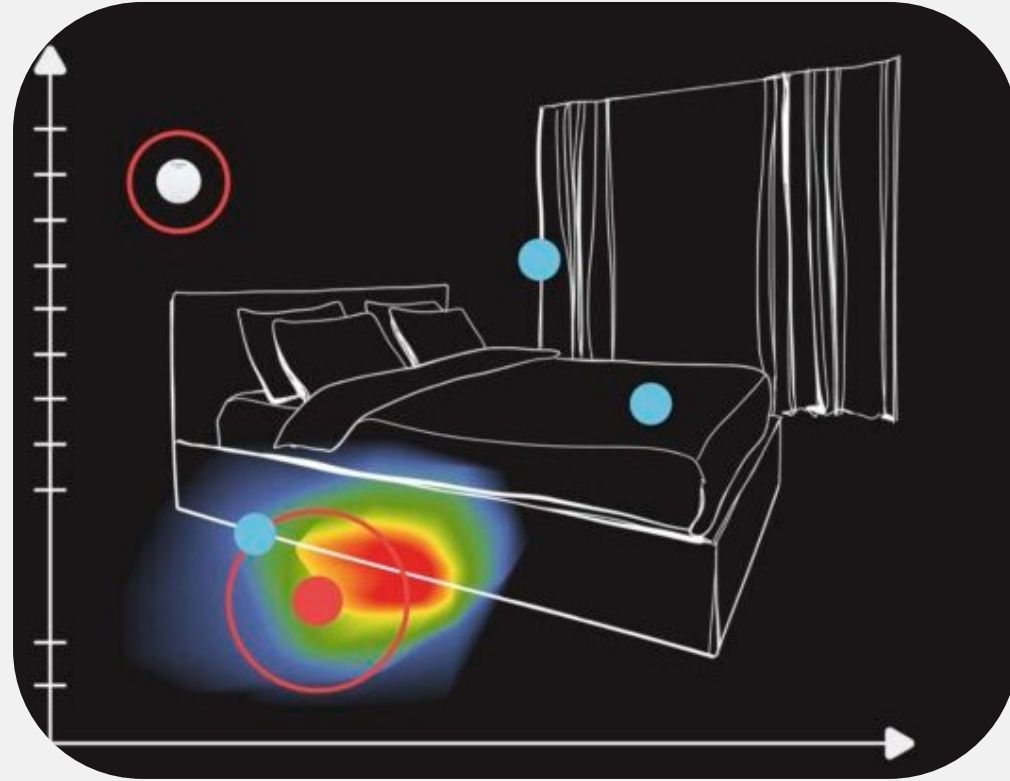
[Xandar Kardian](#)

biometric radar system



Fall Response

Caregivers can be alerted to a fall based on the presence or absence of motion.



Vayyar radar illustration from
[Tranquility Lifestyle Solutions](#)



Wandering

Timely alerts to a person being out of bed at night or exiting the home can reduce the need for 'just in case' staffing.



[Boundary Care](#)
app for Apple Watch



Food Access & Cooking Safety

Offer reminders at mealtimes and monitor oven or stove usage.



[Brava Oven](#)



Who implements remote supports?

Remote support technology can be monitored by:

- Natural support providers such as family members
- Professional support providers through remote monitoring services



Photo by [Disability:IN](#)



Family Monitoring

Benefits to setting up a system that can be monitored by natural supports could include:

- Acceptance by the user(s) according to their preference
- Cost effectiveness

It's important that the both parties are involved in decision making!
Factor in caregiver tech skills and personal device compatibility.



Photo by [Disability Is Beautiful](#)



Preconfigured Kits

Nomo Smart Care kit is based on the concept of “normal motion.” What might it mean if your loved one:

- Hasn't passed through the hallway from the bedroom well after their typical wake up time?
- Hasn't opened the pantry or refrigerator today?
- Has been in the bathroom much more frequently than usual?



Professional Monitoring

Service providers like Safe in Home can take care of the whole process:

- Assessment of individuals' need for remote support technology
- Installation of technology
- 24/7 monitoring and live assistance



How can TechOWL help?

Learn and try

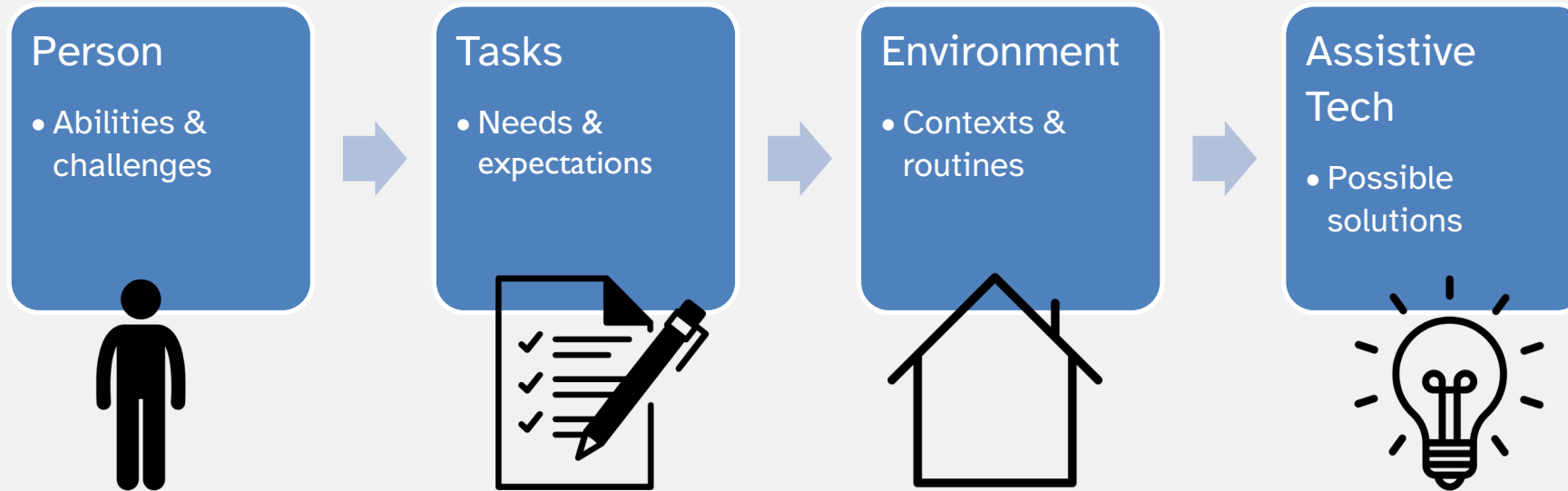
- Demonstrations
- Lending library
- Presentations & training

Get devices

- Reused equipment
- Free special phones
- CreATe together
- Del Sordo grant & funding advice



Finding a Solution



TechOWL Lending Library

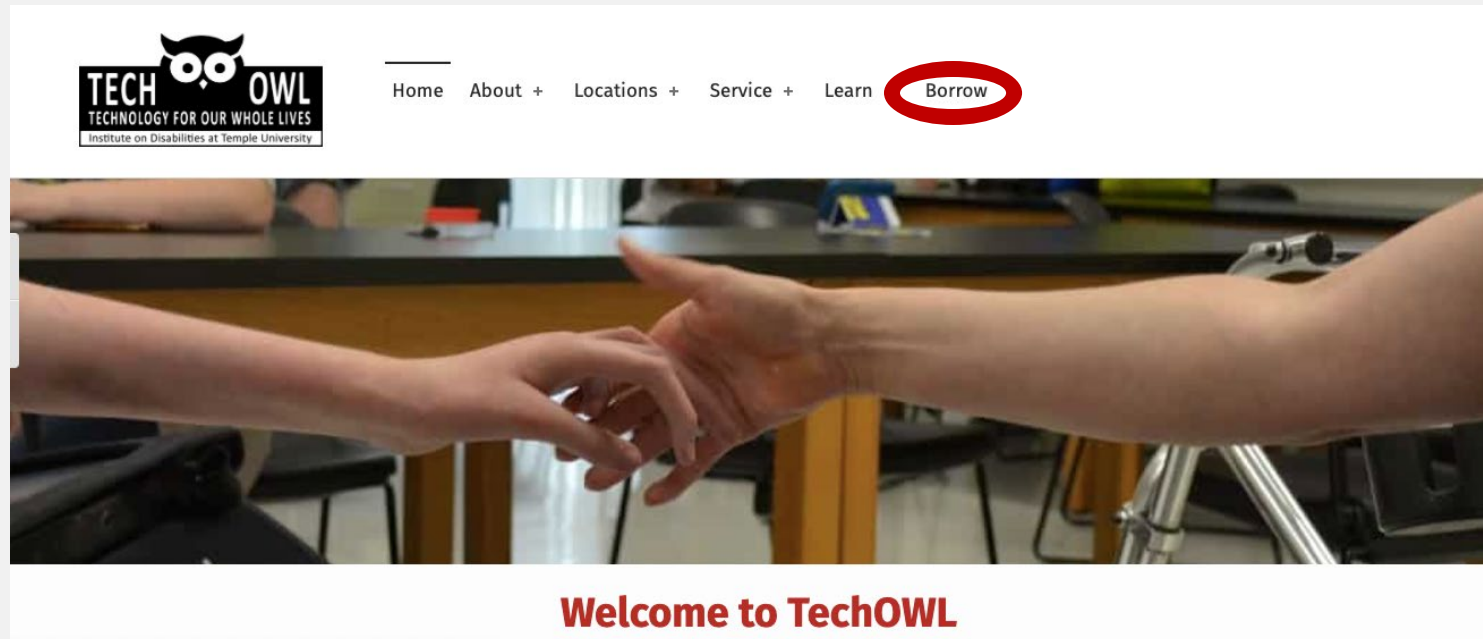
Sign up at techowlpa.org/library

Completely free!

Devices shipped to your home to try for 5+ weeks

Extensions can be granted if there is not a waitlist

Staff are available for support setting up, troubleshooting, or learning how to use the device



Alerting Devices for Caregivers



SafeWander Wake
Up Sensor



Motion Sensor Alarm



Attendant Call Chime
(switch-adapted)

Reminder Devices



Reminder Rosie



SafeWave



Echo Show

Medication Dispensers



MedReady



Pill Drill



ePill

Personal Care Tools



Toothbrush
Pillow



Auto Shut Off Outlet



Automatic nail
clipper

Kitchen Tools



Automatic Pot Stirrer



iGuardStove
Shutoff



Attento Board



One-handed
cutting board

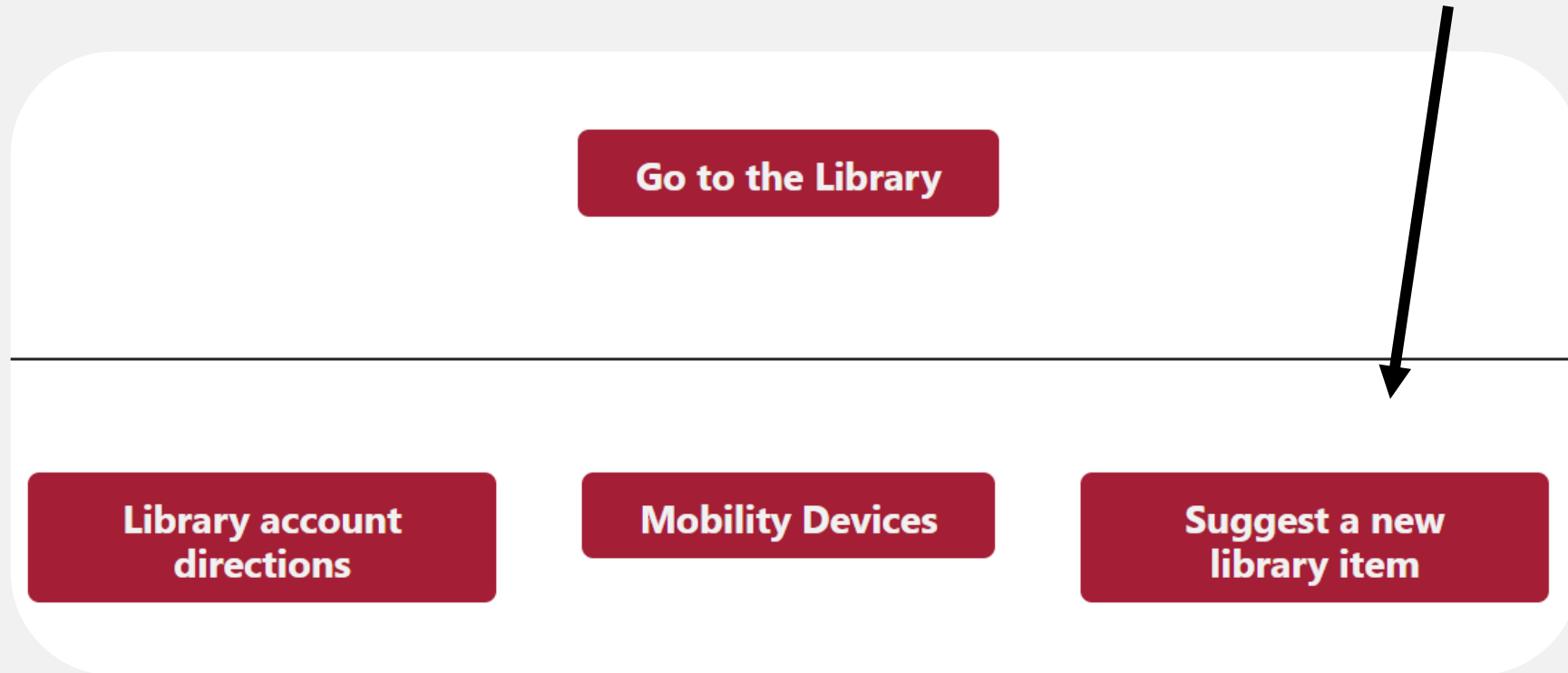


KiddiKutter Knife



Automatic can opener

Suggest a New Library Item!



Contact Information

TechOWL Admin Office

Phone: 800-204-7428

Email: TechOWL@temple.edu

Web chat: techowlpa.org

TechOWL Community Space

1392 Cecil B Moore Avenue

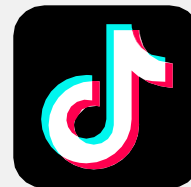
- Monday / Wednesday 10am-2pm
- Tuesday / Thursday 1pm-5pm
- Other hours by appointment



Facebook.com/TechOWLPA



@TechOWLPA



@TechOWLPA

Questions

Thank you for joining!



Please complete this survey

bit.ly/TechOWLsurvey

Presenter: Caitlin

Topic: Tech Accelerator

