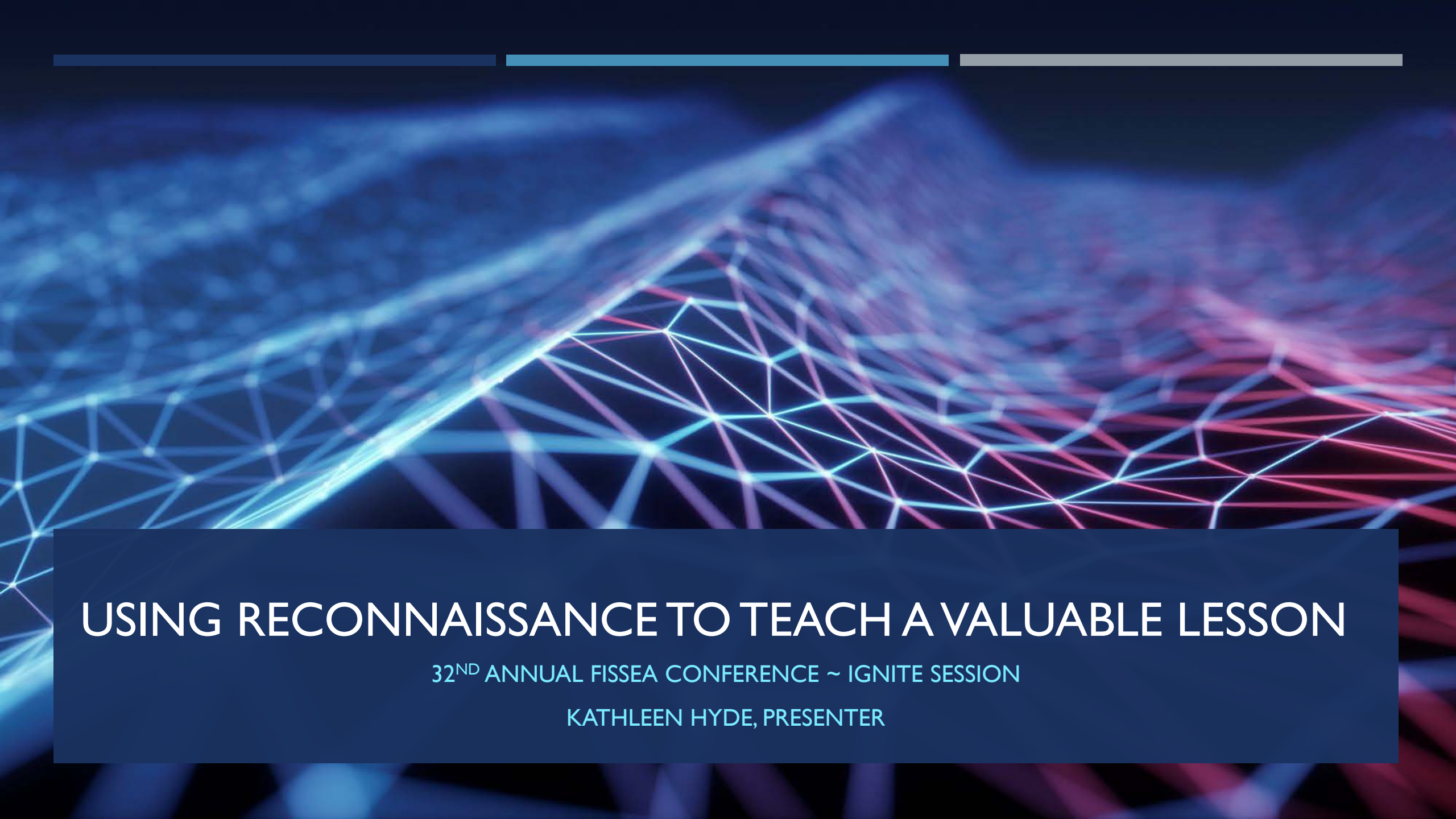

USING RECONNAISSANCE TO TEACH A VALUABLE LESSON

32ND ANNUAL FISSEA CONFERENCE ~ IGNITE SESSION

KATHLEEN HYDE, PRESENTER

ENOUGH ABOUT ME…
THIS IS A SESSION ABOUT RECONNAISSANCE

Kathleen Hyde

Chair, Cybersecurity Programs

Champlain College Online

THINKING LIKE A HACKER

- Changes your approach from reactive to proactive
- Exposes security flaws in policies and practices
- Builds security culture throughout the organization

WHY RECONNAISSANCE?

IT'S EASY

IT'S LOW COST

IT'S REAL

BEFORE YOU BEGIN…

Unlike a hacker, you must:

- Seek and gain approval for your activities
- Spell out the rules of engagement

That means you and others know:

- What you will be doing
- When you will be doing it
- What information you will or won't reveal when you use the exercise for training purposes

LET'S GO! SELECT A TARGET

- Start with the organization's website
- Use the About Us, Our Staff, Contact Us pages
- Gather basic information

GOOGLE – YOUR NEW BEST FRIEND

Start by searching:

- Employee Name
- Employee Name and Company Name
- Employee Name and State

Then search:

- Professional Awards
- Community Affiliations
- Family, Friends and Neighbors

LINKED IN – ANOTHER GOOD FRIEND

PROFILE

CONNECTIONS

ACTIVITY

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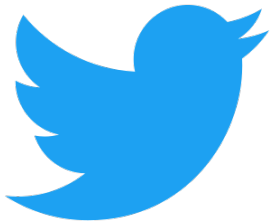
SOCIAL MEDIA BUFFET

Facebook:

- Is there an account?
- How frequently are there posts?
- Identify family & friends, milestones

Instagram:

- Is there an account?
- Identify family & friends
- Confirm identities & connections



Twitter:

- Is there an account?
- Are tweets professional, personal or both?
- Followers & Following

YouTube:

- Is there an account?
- Are there any uploads?
- Subscriptions

FOLLOW THE BREADCRUMBS… THEN USE THEM

- To illustrate how easy it is to acquire professional and personal information
- To explain social engineering and other attacks, best practices, and compliance
- To transform employees into cyber heroes!

THANK YOU

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