# How Does Cybersecurity Affect Your Career?

## UMUC's Cyber Presentation

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BUILDING YOUR FUTURE.

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# Introductions

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# Introductions



**Daniella Baltimore**

Senior Account Manager
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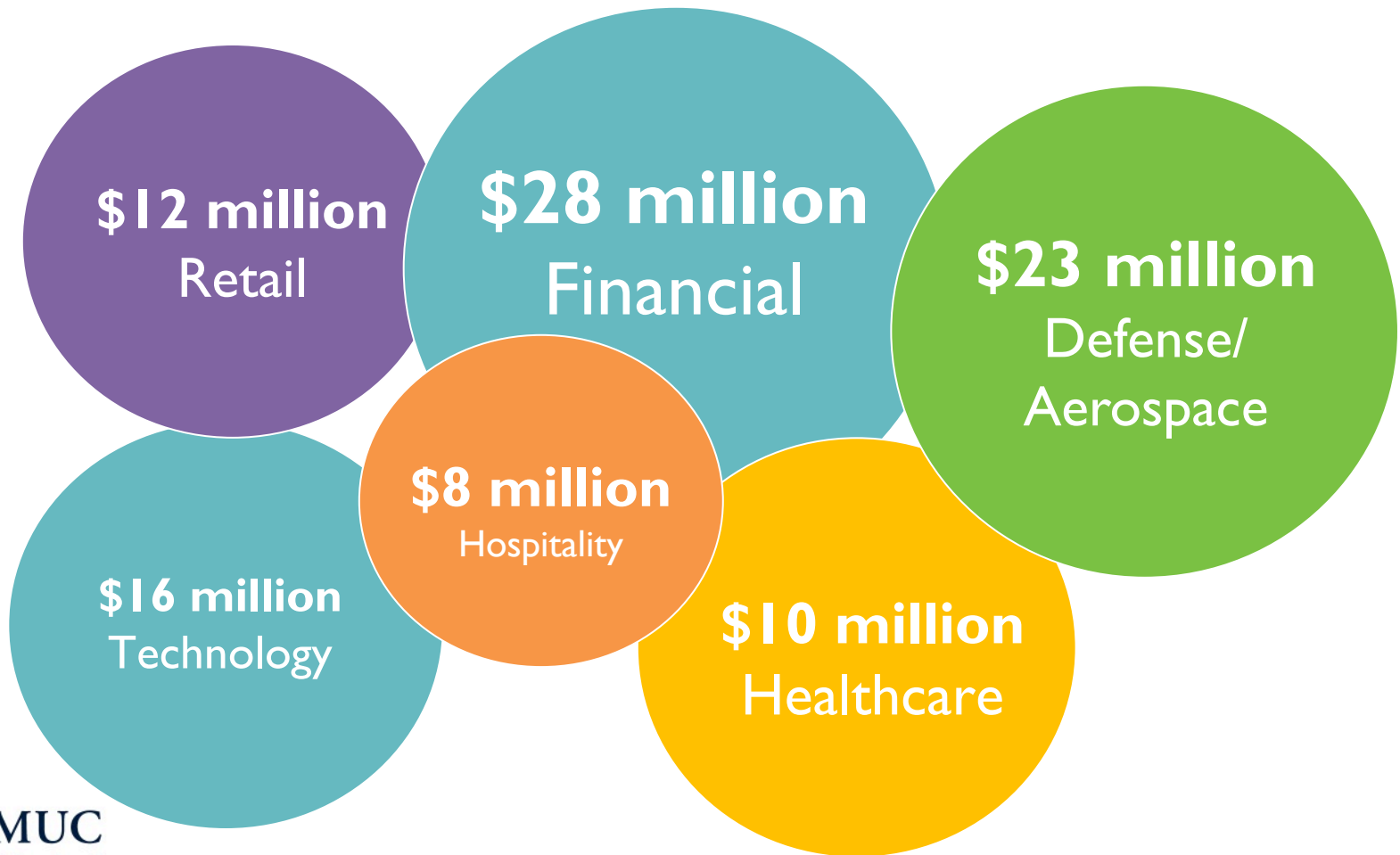
# Cybersecurity History

- Traditional view of cybersecurity is that it is practiced only by IT professionals

- Other industries/professions were not concerned with cybersecurity

- Cybersecurity has become critical to every business over the last 10 years

- As a consequence, your job may need a cybersecurity component

[1] View gainful employment disclosures for certificates.

# Why The Change?

- More businesses have become data driven

- Protection of company data is becoming increasingly important

- Compliance issues are affecting more companies

- Loss of data and breaches cost money

- Companies lose repeat business

- Examples: Commercial companies (Target), Healthcare systems

# Annual Cost By Industry



$12 million — Retail

$28 million — Financial

$23 million — Defense/Aerospace

$16 million — Technology

$8 million — Hospitality

$10 million — Healthcare

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# Implemented Laws

- **Federal and State Governments**

  - ✓ **Sarbanes-Oxley (2002)**

  - ✓ **HIPAA (1996) & HITECH (2009)**

  - ✓ **Breach notification laws**



- **Industry Associations**

  - ✓ **PCI-DSS (Payment Card Industry Data Standard)**

    - ▪ **Example: Chip-enabled cards**

[1] View gainful employment disclosures for certificates.

# Tips To Protect You & Your Company



- Create long passwords with varied characters and change them frequently

- Secure wifi access – change the default password and use a firewall

- Open only trusted emails

- Lock computers when away, and use a secured screen saver

- Use credit cards only at trusted sites

- Invest in a good antivirus program

- Keep up to date with program and system patches

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# UMUC Cyber Highlights & Alliance Benefits

## Alliance Benefits

- 25% reduction on out-of-state tuition
- $50 app fee waiver for attending today's webinar
- Open Educational Resources
- Access to award winning cyber curriculum
- Access to online library

## Cyber Highlights

- UMUC launched first stand-alone cyber bachelor's and master's degree
- Designated as National Center of Academic Excellence in Information Assurance and Cyber Defense Education by NSA and DHS
- UMUC has earned global recognition and won prestigious titles at national cyber competitions

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# UMUC Cyber Programs

## Undergrad & Grad Cyber Programs

- Cybersecurity Management & Policy
- Computer Networks & Cybersecurity
- Software Development & Security
- MS in Cybersecurity
- Digital Forensics & Cyber Investigation
- MS in Information Technology

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# Thank You & Next Event

Thank you for joining us today!

Please join us for our next webinar, *Marketing Yourself for Career Advancement*, on April 4, 2017 at 12:00pm

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