



MIAMI FL



SEPTEMBER 25-28

The State of the CISO in Higher Education

Lightning Talk

Joanna Grama

Director of Cybersecurity and IT GRC Programs, EDUCAUSE



EDUCAUSE CENTER FOR ANALYSIS AND RESEARCH

The IT Workforce in Higher Ed, 2016

New research explores what's needed to support contemporary models of IT service delivery.



2016 CISO Research *(Coming Soon to a Webpage Near You)*

<https://library.educause.edu/resources/2016/3/the-it-workforce-in-higher-education-2016>

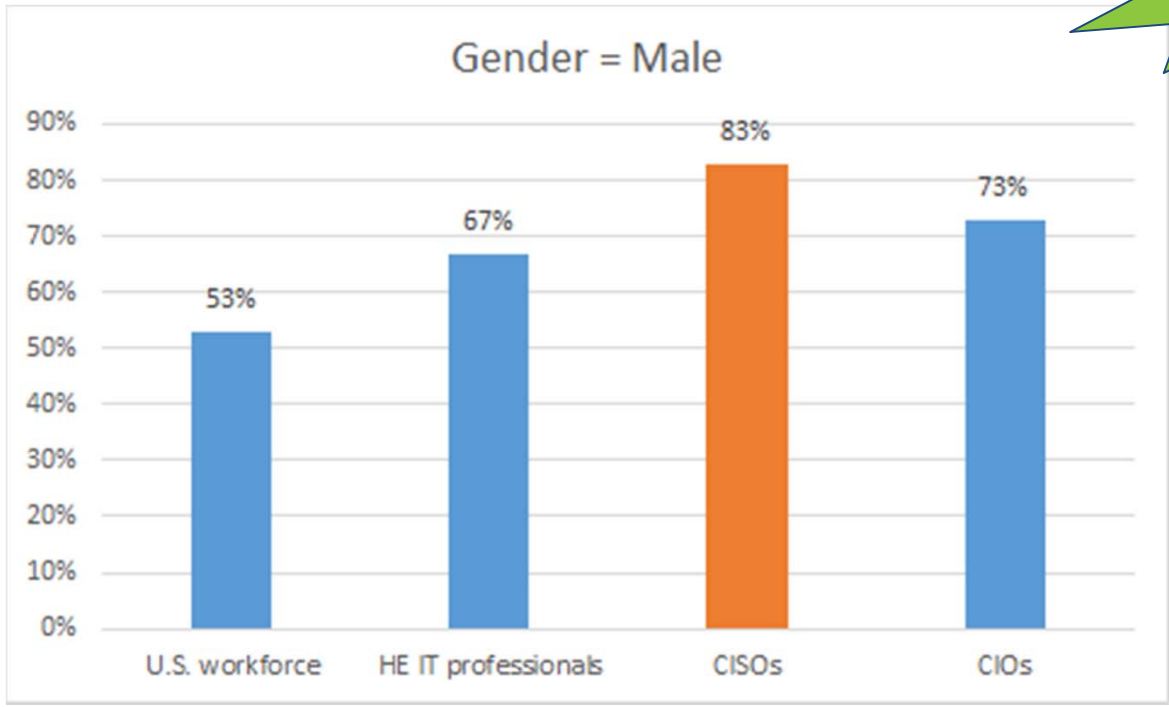


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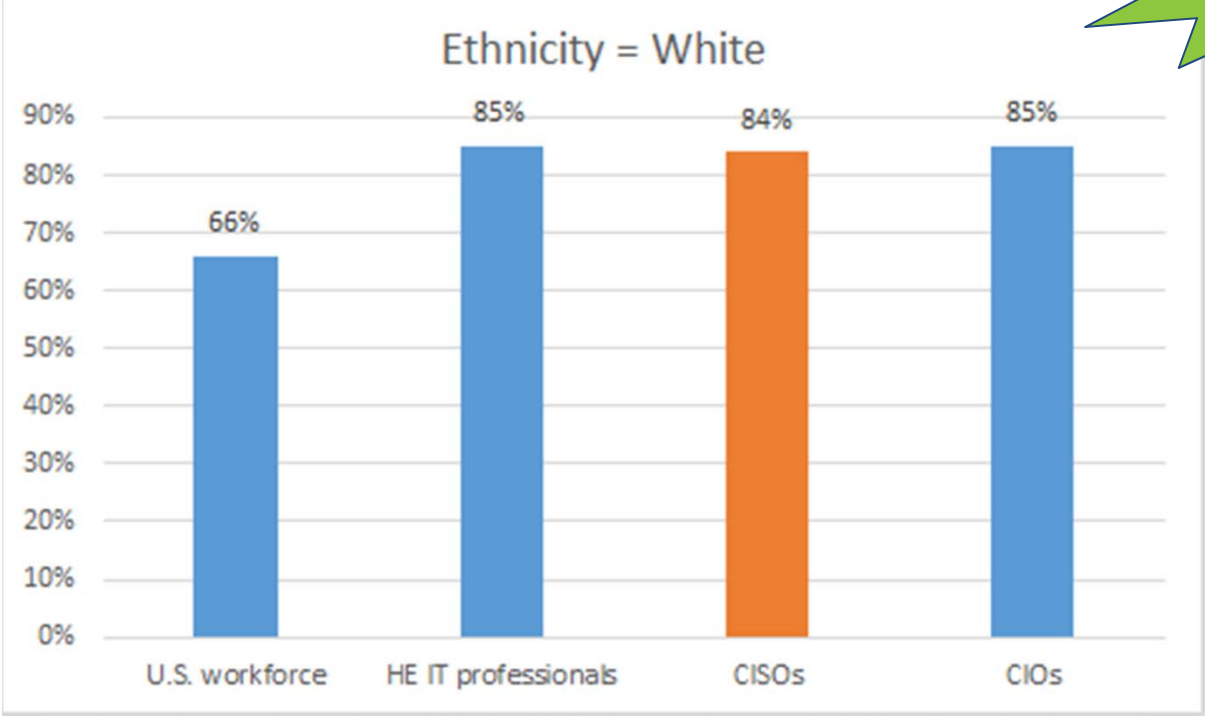
Today's CISO



ECAR CISO Survey Research Report, Forthcoming 2016 Q4



Today's CISO

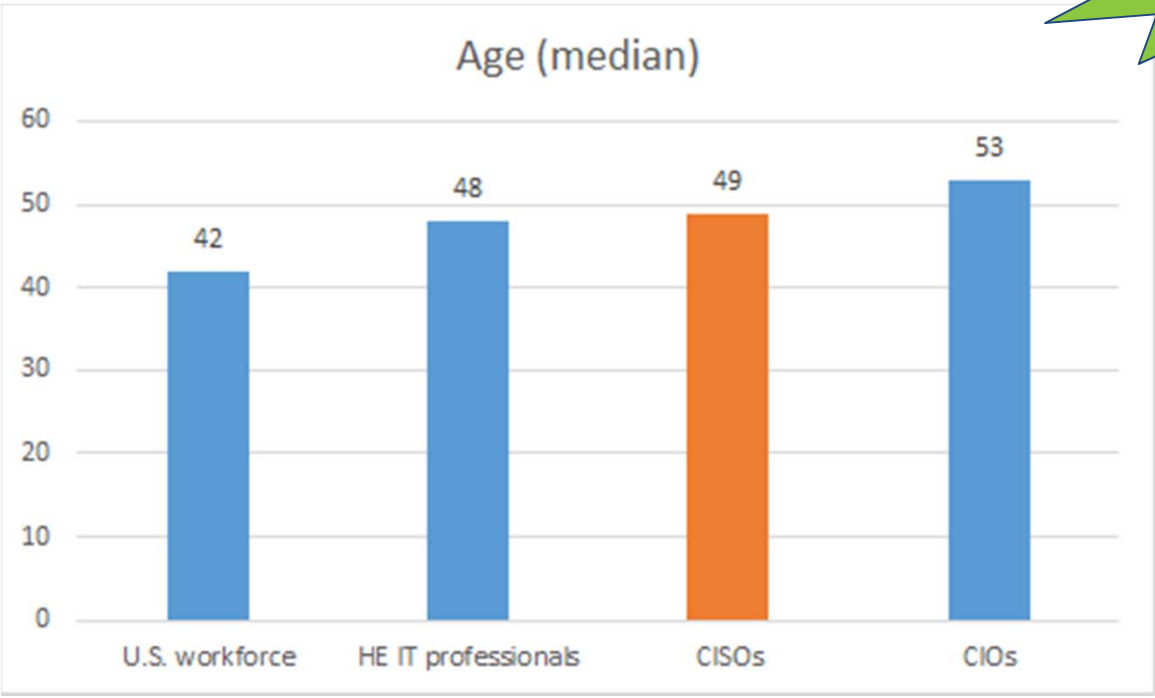


ECAR CISO Survey Research Report, Forthcoming 2016 Q4



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Today's CISO



ECAR CISO Survey Research Report, Forthcoming 2016 Q4



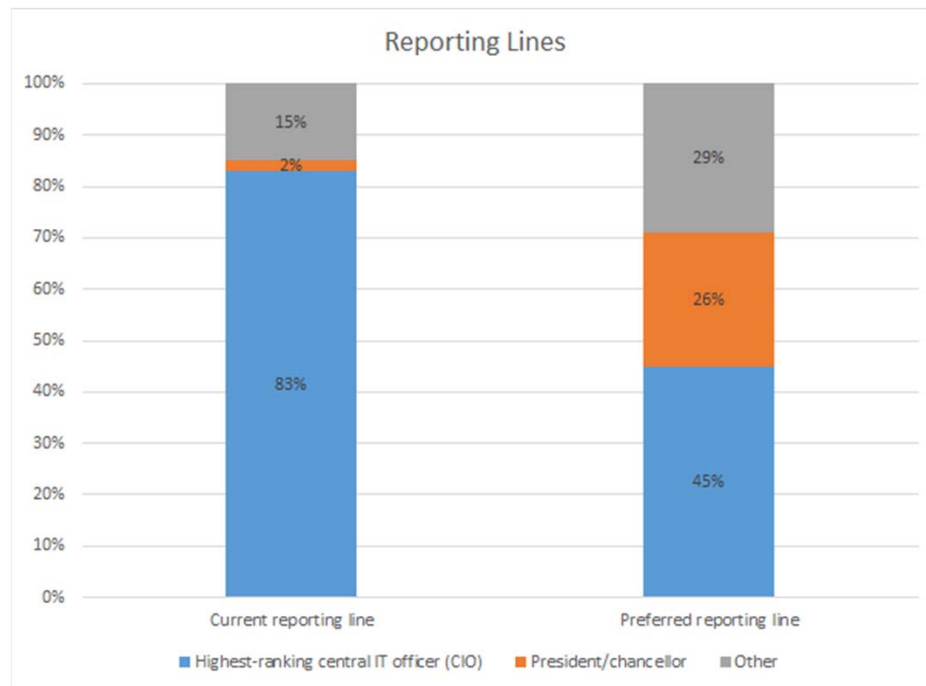
Top CISO Responsibilities



1. Information security policies (including development & compliance)
2. Incident management
3. Awareness and training
4. Information security compliance
5. Risk assessment and management
6. Organization of information security

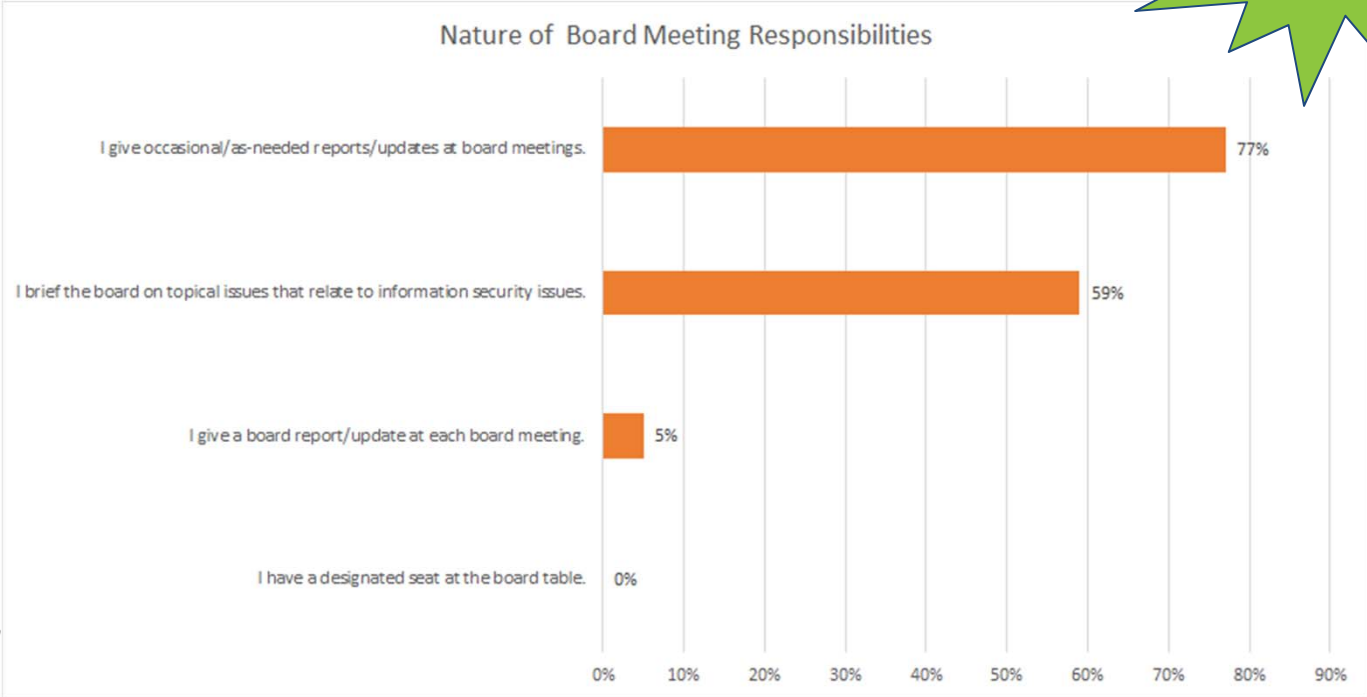
At least
90%
of CISOs said they are currently responsible for these duties at their institution.

CISO Reporting Lines



ECAR CISO Survey Research Report, Forthcoming 2016 Q4

The Board and the CISO

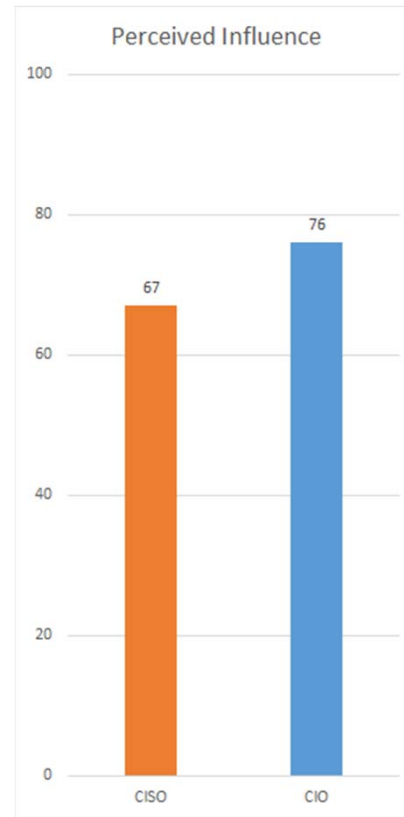


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CISO Influence

How influential do you *feel* you are at your institution?



Highly influential

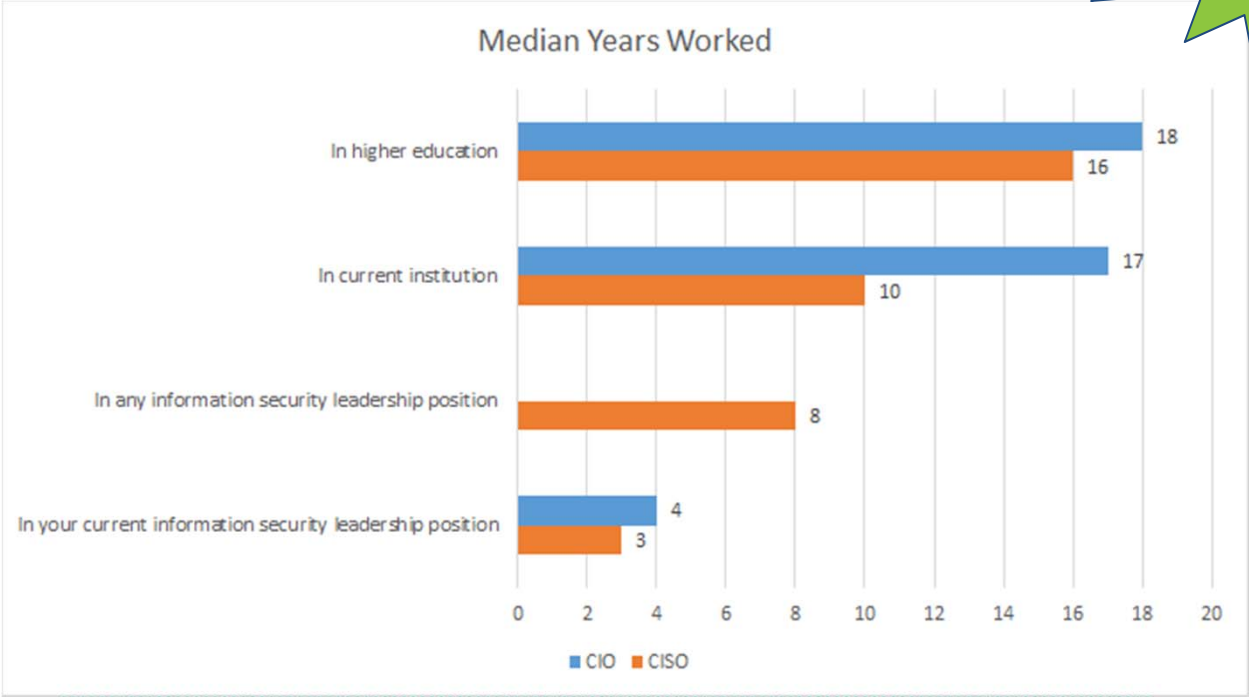


Not at all influential

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The Making of a CISO



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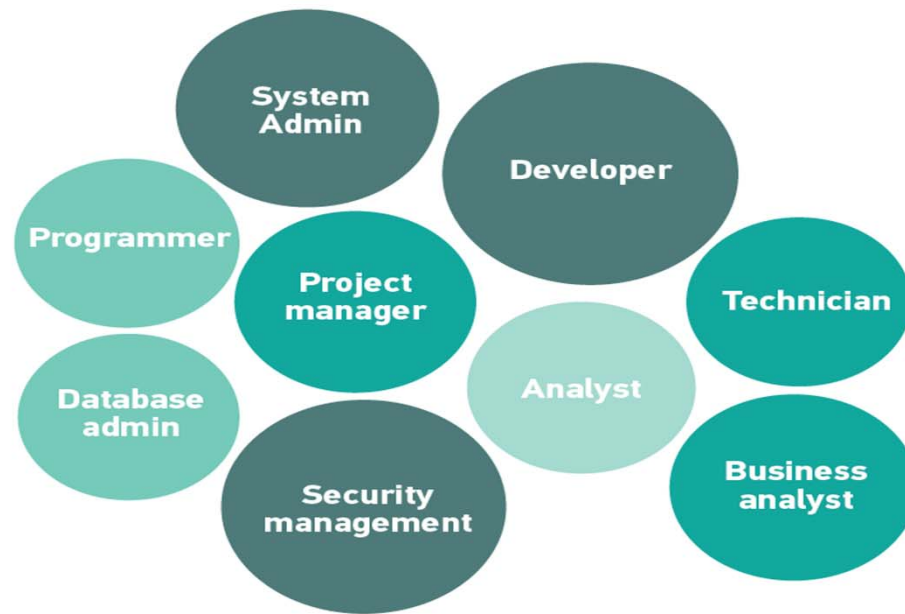


Slide 10

1

+edahlstrom@educause.edu Look at the last item (current infosec position). Should the word "any" be deleted there?
Joanna Grama,

Higher Ed IT Positions in Short Supply (generally)



Model for InfoSec Leadership

- Core Roles
- Primary Roles
- Discrete Roles
- Overarching Role

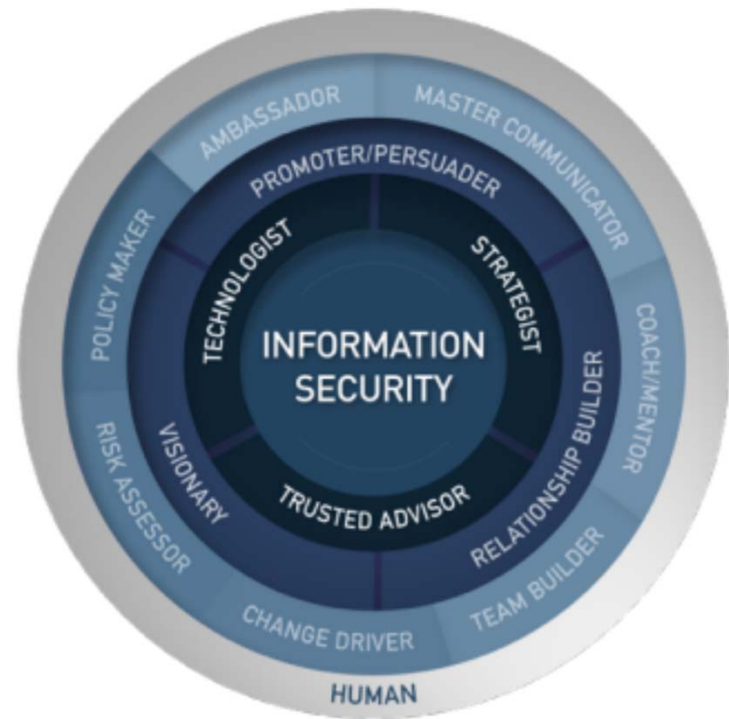


Figure 1. A Model for Information Security Leadership

Technology in Higher Education: Information Security Leadership (March 2016)
<https://library.educause.edu/resources/2016/3/technology-in-higher-education-information-security-leadership>

Model for InfoSec Leadership

Category	Theme
Higher education trends impact information security.	<ul style="list-style-type: none"> -Higher education is under a lot of scrutiny. -The mind-set toward risk management is shifting. -The CISO position is relatively new in academia.
The CISO position is gaining prominence.	<ul style="list-style-type: none"> -The need for InfoSec leadership is growing. -The need for InfoSec policy and compliance is increasing.
The CISO position is being defined	<ul style="list-style-type: none"> -Portfolios vary from campus to campus. -Reporting lines may differ depending on the institution's culture. -A strong CISO/CIO partnership is crucial. <p>Professional development for CISOs is critical.</p>

Technology in Higher Education: Information Security Leadership (March 2016)

<https://library.educause.edu/resources/2016/3/technology-in-higher-education-information-security-leadership>



Thank you!

- Please complete an evaluation for this session!

Joanna Grama, EDUCAUSE

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www.educause.edu/security



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