Introduction to Institutional Research

To participate in the live poll
go to www.PollEv.com/airweb039 in a browser window
or
text: AIRWEB039 to 37607

AiR
ASSOCIATION FOR INSTITUTIONAL RESEARCH
Data and Decisions for Higher Education

1

Presenter Introductions

Eric Atchison
Vice President for
Strategic Research
Arkansas State University System

Nicole Holland
Associate Director for
Accreditation and Assessment
Morgridge College of Education,
University of Denver

Gordon Mills
Executive Director
Institutional Research,
Planning, and Analysis
University of Southern Alabama

Tracy Williams
Director of Institutional
Effectiveness
Hamline University

AiR

2

Let's get to know one another!

Online Poll: www.PollEv.com/airweb039
or
Text AIRWEB039 to 37607

AIR

3

How long have you worked in IR/IE?

Less than one month

1 month to 1 year

1 year to 3 years

3 to 6 years

6 to 10 years

More than 10 years

Don't work in IR but am interested in learning more.

Start the presentation to see live content. Still no live content? Install the app or get help at PollEv.com/app
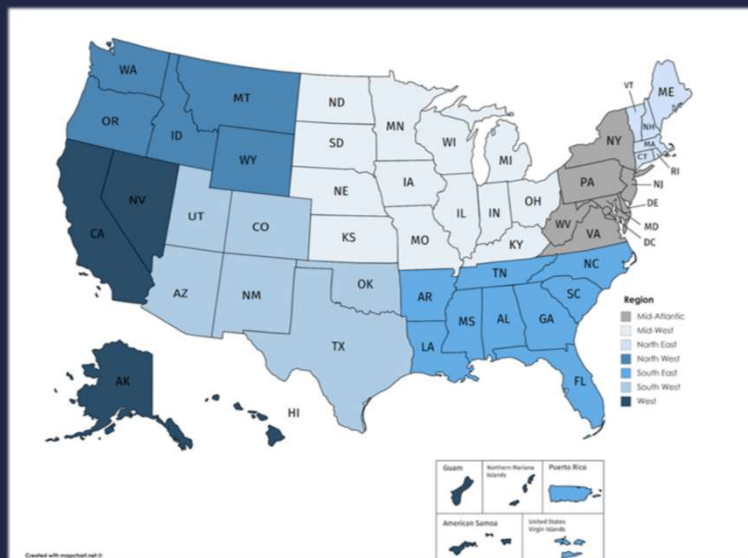
4

What best describes your institution?

Public, 2 Year or less

Public, 4 Year and above

Private Non-Profit, 2 Year or less

Private Non-Profit, 4 Year and above

Private For-Profit, 2 Year or less

Private For-Profit, 4 Year and above

System Office

Other Organization

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

5

In what region is your institution located?
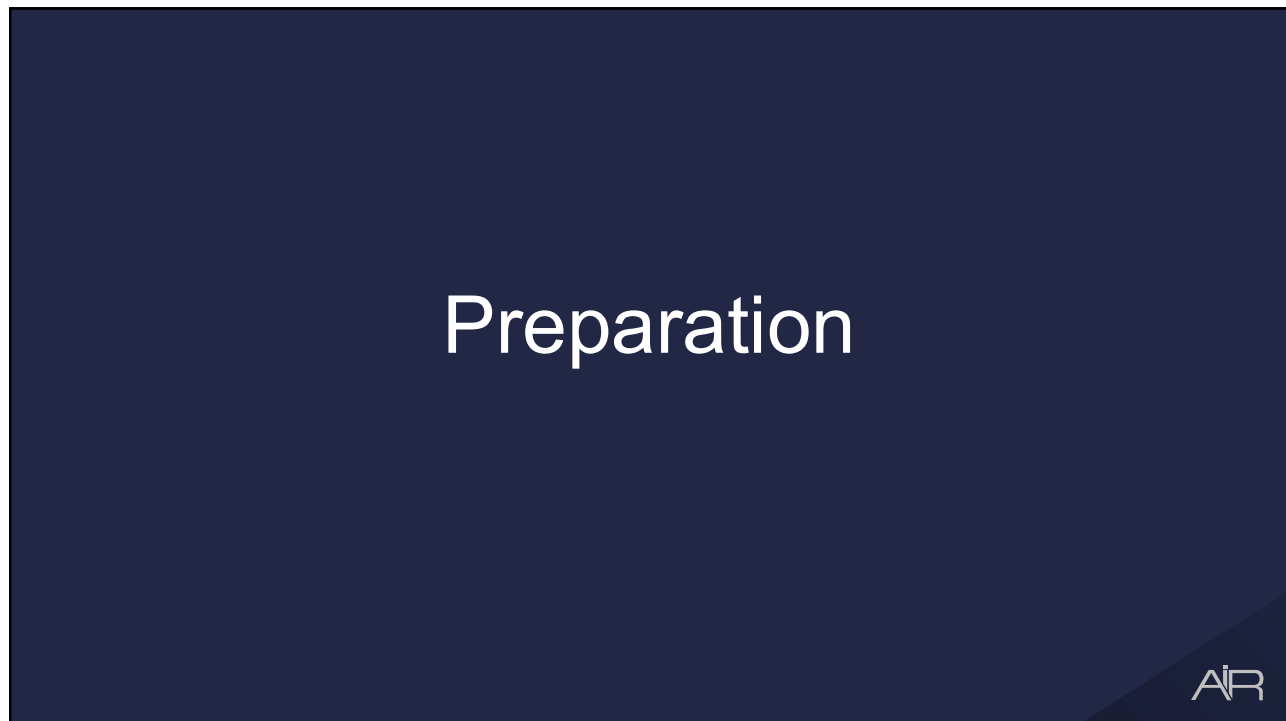

6

In what region is your institution located?

Mid-Atlantic
Mid-West
North East
North West
South East
South West
West
Outside of the U.S.

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

7

Preparation

AiR

8

Organizational Intelligence

Based on Patrick Terenzini's (1993) *On the Nature of Institutional Research and the Knowledge and Skills It Requires.*

- Technical Intelligence

- Issues Intelligence

- Contextual Intelligence

AiR

9

Ability to Adapt

Communication of our work is key to it being utilized effectively.

- Communicate in a variety of ways

- Think like your audience

- Learn how they solve problems

AiR

10

Keep Learning

"If all you have is a hammer, everything looks like a nail."
Maslow

Master your tools but don't rely on any one to get the job done.

AIR

11

What factors have best prepared you to work in IR?

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

12

Challenges

13

Common Challenges

Being new to the field

Being new to the institution

Being recognized as a resource on campus

14

Common Challenges

Prioritize the workload

Project management skills

Dealing with mistakes

15

What are some of the biggest challenges you have faced as a newcomer to the IR profession?

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

16

Accomplishments

17

Examples from Us

Expanding the office research capacity

Built relationships on campus / Process documentation

Recognized the issues, developed a plan, implementation

Sometimes your greatest accomplishment comes from your greatest challenge

18

What would you consider your greatest accomplishment(s) during your first months/year in IR?

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

19

Results from a Survey of IR / IE Professionals

AIR

20

Survey of IR / IE Professionals

Find a mentor

Understand the scope of IR's responsibilities

Clarify all requests for data

Accuracy is critical

AiR

21

Survey of IR / IE Professionals

Document business processes

Seek professional development

Network on campus and with other IR colleagues
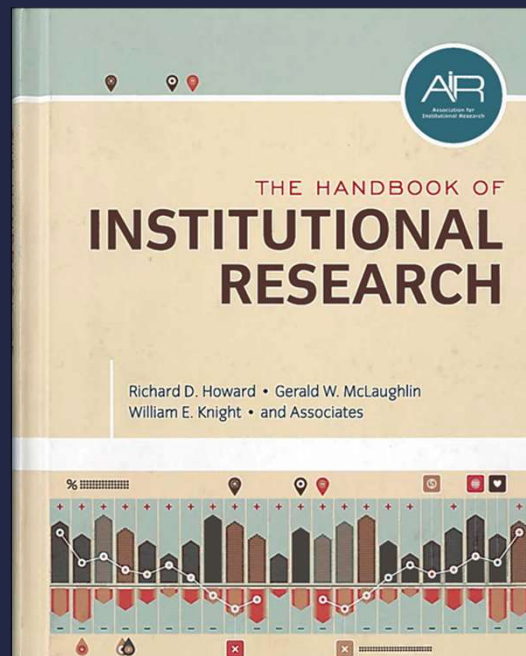
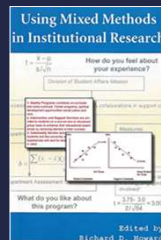Understand the learning curve

AiR

22

Resources

Handbook for All IR/IE Practitioners

IR/IE Reference Library

- The Primer for Institutional Research

- Applications of Intermediate/Advanced Statistics for Institutional Research

- Using Mixed Methods in Institutional Research

- Questionnaire Survey Research

25

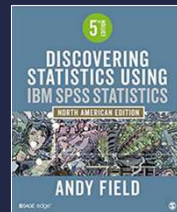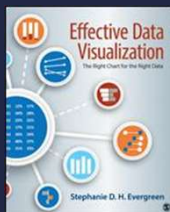# IR/IE Reference Library Cont'd

Effective Data Visualization
- *Stephanie D. H. Evergreen*

Internet, Phone, Mail, and Mixed-Mode Surveys: The Tailored Design Method
- *Don A. Dillman, Jolene D. Smyth, and Leah Melani Christian*

Discovering Statistics, 5th Edition
- *Andy Fields*

26

Periodicals on Current Issues in IR/IE

New Directions for Institutional Research
- https://onlinelibrary.wiley.com/page/journal/1536075x/homepage/productinformation.html

The AIR Professional File
- https://www.airweb.org/collaborate-learn/reports-publications/professional-file

The Journal of Higher Education
- https://www.jstor.org/journal/jhighereducation

Higher Education Handbook
- https://www.springer.com/series/6028

Assessment Update
- https://onlinelibrary.wiley.com/page/journal/15360725/homepage/productinformation.html

27

National Data Resources

IPEDS Data Center
- https://nces.ed.gov/ipeds/use-the-data

US Bureau of Labor Statistics
- https://www.bls.gov/

US Census Bureau
- Current Population Survey
  - https://www.census.gov/programs-surveys/cps.html

Learn more about your own state's higher education data system.

28

Professional Development Opportunities

IPEDS Workshops/Courses (Online + In Person):
- https://www.airweb.org/collaborate-learn/ipeds-training/courses-workshops/attend-an-ipeds-workshop
- https://www.airweb.org/collaborate-learn/ipeds-training/courses-workshops/keyholder-courses

NCES Data Institute (Online + In Person):
- https://www.airweb.org/collaborate-learn/professional-development-training/courses-workshops/nces-data-institute

A Holistic Approach to IR (Online + In Person):
- https://www.airweb.org/collaborate-learn/professional-development-training/courses-workshops/a-holistic-approach-to-institutional-research

NSF Public Use Data (Online) Course:
- https://www.airweb.org/collaborate-learn/professional-development-training/courses-workshops/nsf-public-use-data

AIR

29

Other Resources

eAIR Newsletter
- https://www.airweb.org/collaborate-learn/reports-publications/eair-newsletter

AIR Studies and Reports
- https://www.airweb.org/collaborate-learn/reports-publications/studies-and-reports

AIR Webinars
- https://www.airweb.org/collaborate-learn/professional-development-training/webinars

IPEDS Tutorials
- https://www.airweb.org/collaborate-learn/professional-development-training/ipeds-tutorials

News Outlets
- Inside Higher Education - https://www.insidehighered.com/
- The Chronicle of Higher Education - https://www.chronicle.com/

AIR

30

Other Resources Cont'd

Excel
- https://excel.tv/excel-resources/
- https://www.deskbright.com/excel/excel-resources/

SPSS
- https://www.dummies.com/education/math/statistics/8-useful-spss-online-resources/
- Discovering Statistics by Andy Fields
  - https://www.discoveringstatistics.com/

When in doubt, type your question into Google!

AiR

31

IR/IE Graduate/Certificate Programs

- Arizona State University
- Ball State University
- Baruch College
- Boston College
- Claremont Graduate University
- Florida State University
- Indiana University
- Kent State University
- North Dakota State University
- Penn State University

Sam Houston State University
University of Denver
University of Illinois at Chicago
University of Kentucky
University of Miami
University of Michigan
University of Missouri-St. Louis
University of Nebraska – Lincoln
University of California – San Diego
University of Wisconsin-Stout

AiR

32

What resources have you found helpful that we didn't mention?

Start the presentation to see live content. Still no live content? Install the app or get help at **PollEv.com/app**

33

Wrap Up

Eric Atchison | eatchison@asusystem.edu

Nicole Holland | nicole.holland@du.edu

Gordon Mills | gmills@southalabama.edu

Tracy Williams | twilliams05@hamline.edu

AIR

34