Current Practices in Data Management Education
Surveying Nursing Doctoral Programs

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Purpose

Identify existing practices of data management (DM) education through a survey of nursing doctoral program directors.
Survey Development

- Two surveys were created: one for DNP program directors and one from PhD program directors

- Received an exemption from UIC IRB office
Research Target Population

338 AACN Doctoral Nursing Programs

- 207 DNP only Programs
- 20 PhD only Programs
- 111 both DNP and PhD Programs
Total Survey Respondents

104 Program Directors

67 DNP Programs

37 PhD Programs
DM Content Types Taught in Doctoral Programs

- Planning
- Collecting
- Analyzing
- Sharing
- Preserving
- Reusing
- None
- Other
DM Instruction Types in Doctoral Programs

- Individual Mentoring
- Lecture in Req Course
- Discussed in lecture but not full lecture or course
- Webinars / Tutorials
- Full Required Course
- Workshops
- Other
- Full Elective Course
- Lecture in Elective Course

DNP
PhD
Who is Teaching DM in Doctoral Programs?

- Nursing Faculty
- Statistician
- Librarian
- Non-Nursing Faculty
- Other
- Staff Member from Another Unit

DNP
PhD
What kinds of data are students using for projects?

- Data captured by student for project
- Hospital/clinic medical records
- Hospital data containing no health information
- Data previously collected for research
- Publicly available data
- Other

DNP
PhD
Is a DMP required within the project proposal?
Is there a College/Dept-Specific Data Policy that Applies to Students?

- **Yes**
- **I Don't Know**
- **No**

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**DNP**

- No: 60%
- Yes: 30%
- I Don't Know: 10%

**PhD**

- No: 50%
- Yes: 20%
- I Don't Know: 30%
Is there an Institution-Level Data Policy that Applies to Students?

![Bar chart showing responses to the question.]

- **Yes**: 55% (DNP), 58% (PhD)
- **I Don't Know**: 36% (DNP), 32% (PhD)
- **No**: 8% (DNP), 10% (PhD)

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**Legend**
- **DNP**
- **PhD**
Limitations

- Not a representative sample of all nursing doctoral programs
- Lack of program director listservs
Conclusions

- Nursing programs need to develop awareness of college and/or institutional level data policies.
- Nursing faculty who mentor doctoral students may need additional support for students who manage their data.
- Nursing programs should clarify student project data sharing and ownership post graduation.
Next Steps

• Finalize data analysis and submit manuscript
• Structured interviews to further identify what is actually being taught
• Target DM education for mentors and PhD students
Thank You!

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