



Medical Laboratory Opinions on Shadowing for Interprofessional Understanding

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MLSP 6905 Capstone Project Presentation

Project Research Question

Survey of Medical Laboratory Personnel:

- Opinions about IPE and Shadowing
- Which Departments (In & Outside Lab)
- Most Common/Dangerous Errors

Literature Review / Background

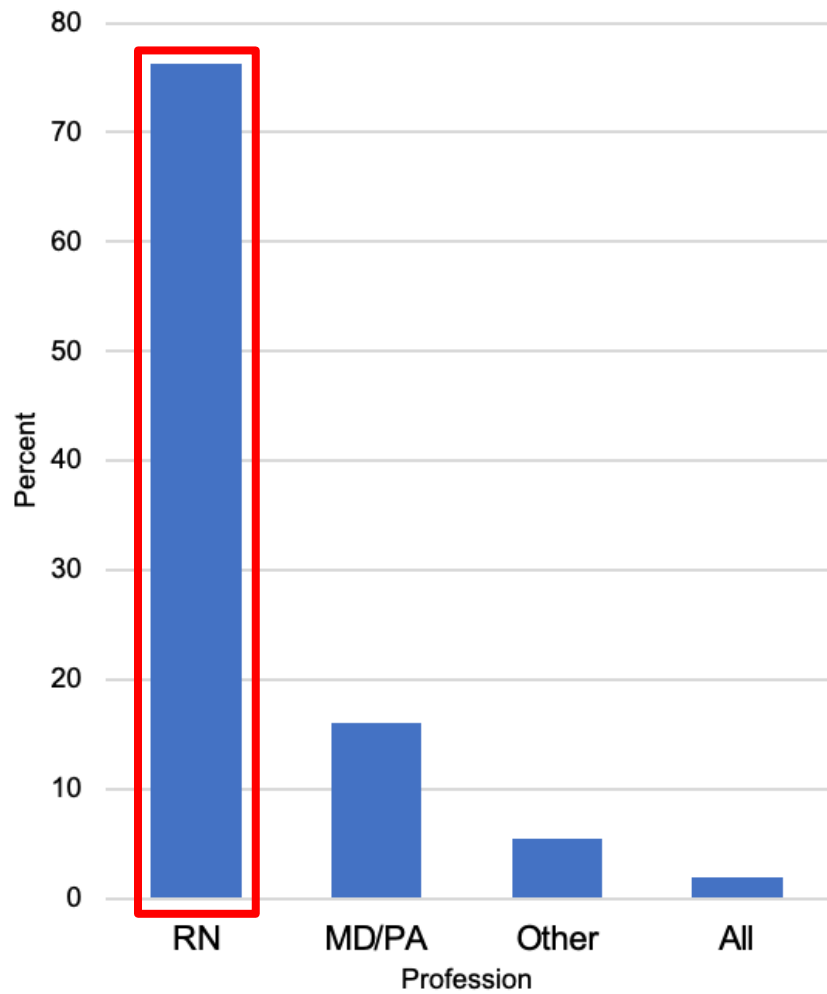
- **IPE for healthcare**
 - Quadruple Aim
 - IPEC Core Competencies
- **Medical Laboratory in IPE**
 - UMN IPE pilot - MLS opinions
- **Shadowing as an IPE method**
 - Lab is closed system
 - Other health professions literature to support

Methods & Results

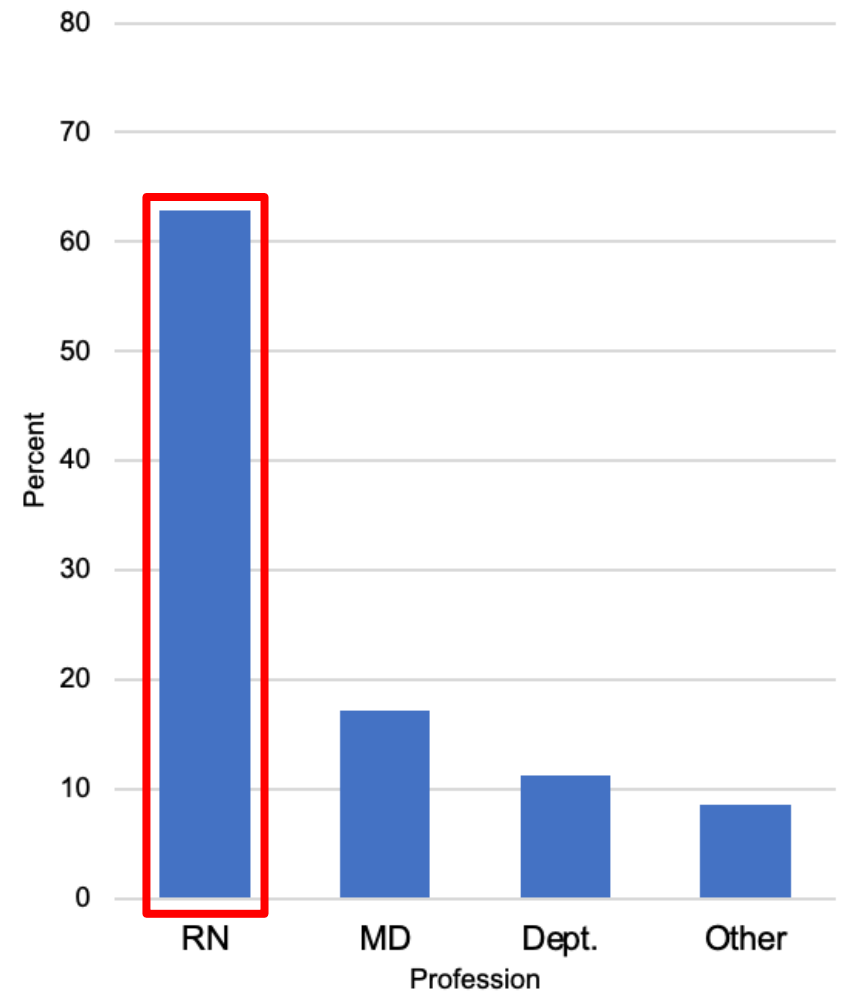
- Qualitative Survey - IRB approved for distribution (STUDY00014150)
- 90 UMN affiliate preceptors
- Circulated to Laboratory Staff
- 188 complete responses

Participant Demographics	%
Certification	
→ MLS	68
MLT	18
Phlebotomy	5
Specialized Degree	4
Other	3
MLT + Other Degree	2
Years Experience	
(21+)	26
(11-20)	20
(6-10)	24
(3-5)	17
(0-2)	13
Workplace Type	
→ Hospital	88
Clinic	6
Reference Lab	3
Other Lab	3
Bed size	
→ (>300)	45
(200-299)	18
(100-199)	12
(50-99)	8
(1-49)	10
N/A	7
Shift	
→ Day Shift	76
Evening Shift	14
Overnight	10

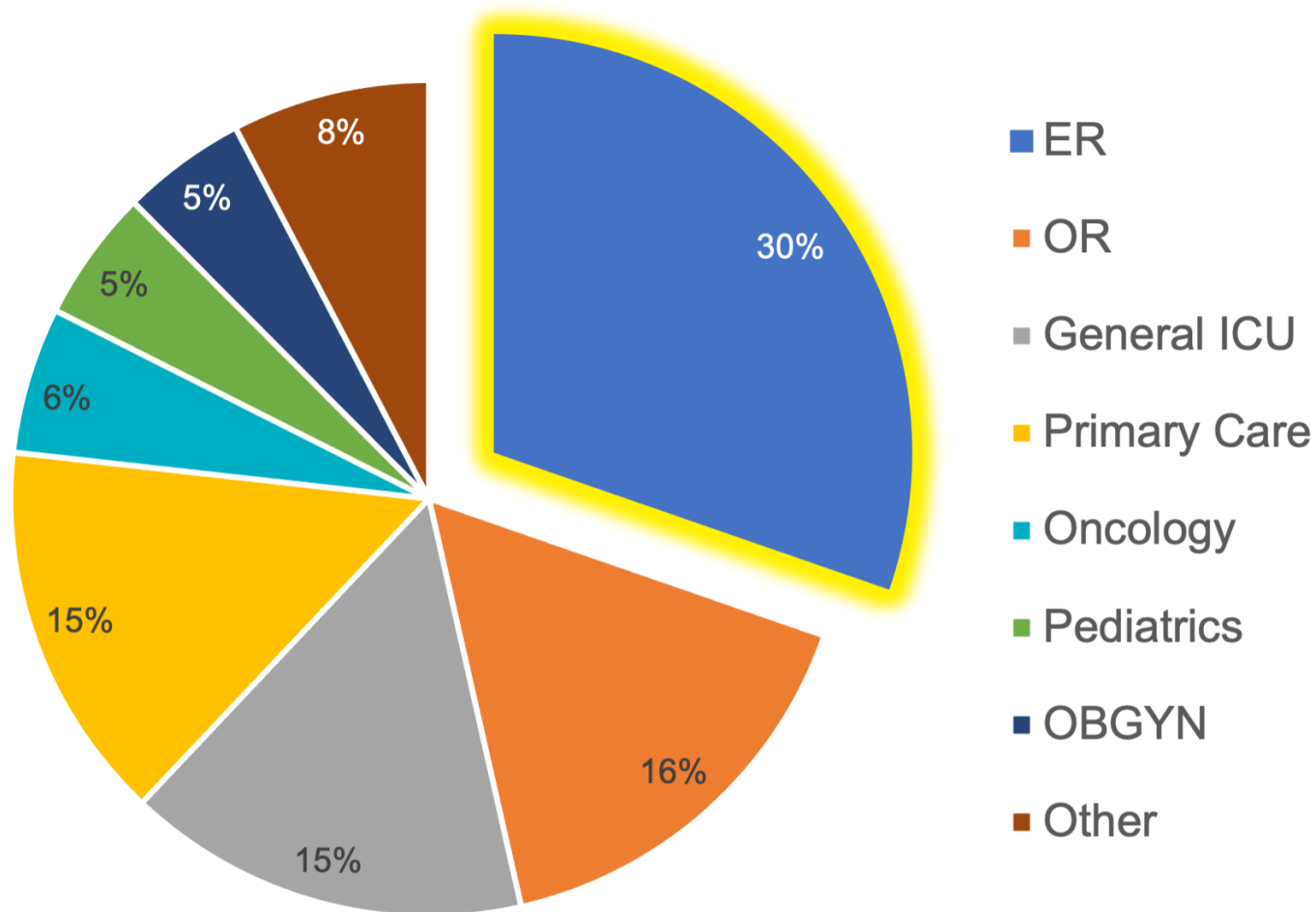
Health Care Professions Medical Laboratory Workers Feel Misunderstood By



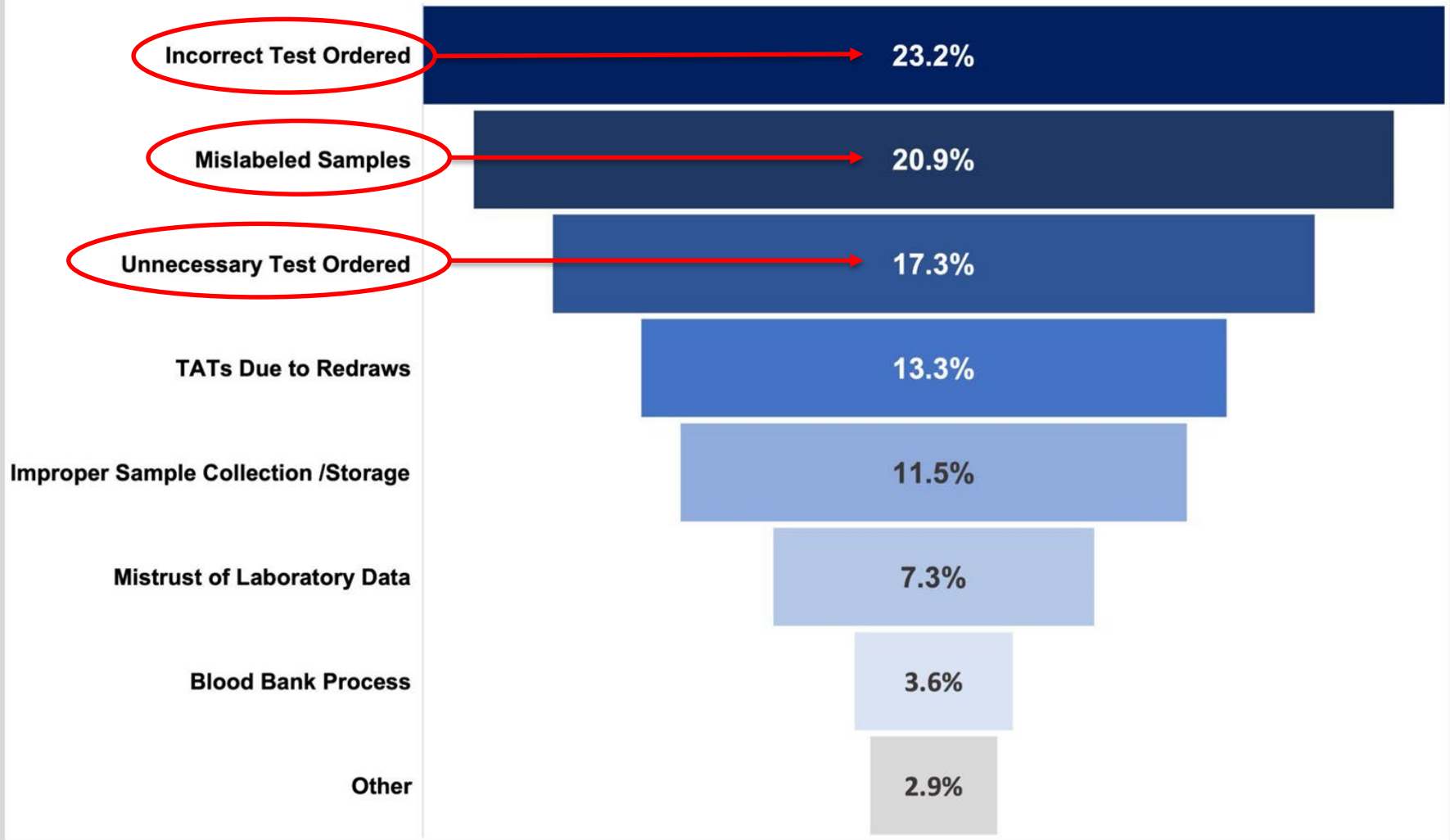
Health Care Professions Medical Laboratory Workers Want to Shadow



Departments and Medical Laboratory Workers; Miscommunication and Misunderstanding



Most Common Errors Experienced by Medical Laboratory Workers



Discussion / Conclusion

- Nursing
- ER – BB and Core voted 1st and 2nd in lab
- Sources of errors
- 95% said shadowing of lab = beneficial
- 74% said shadowing when hired

*Shadowing not to replace IPE in school

Study Limitations / Next Steps

Limitations:

- Question development
- Site bias/MLS bias
- IPE subject known

Future Directions:

- Gather large sets data
- Shadowing survey → other professions
- Pilot shadowing study
- Further analysis with data collected

Selected References

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