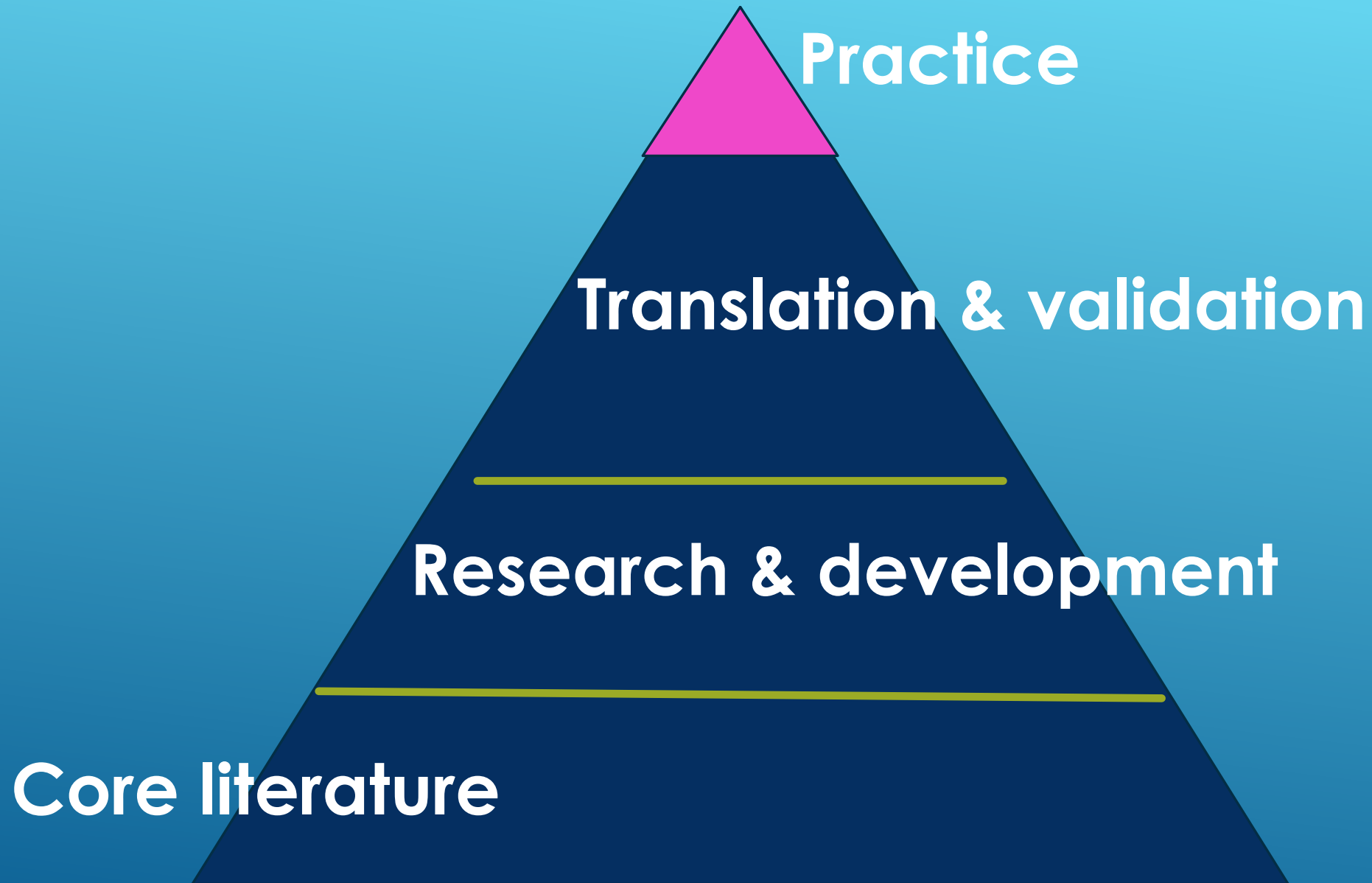


SCIENTIFIC INQUIRY AND RESEARCH SUBCOMMITTEE

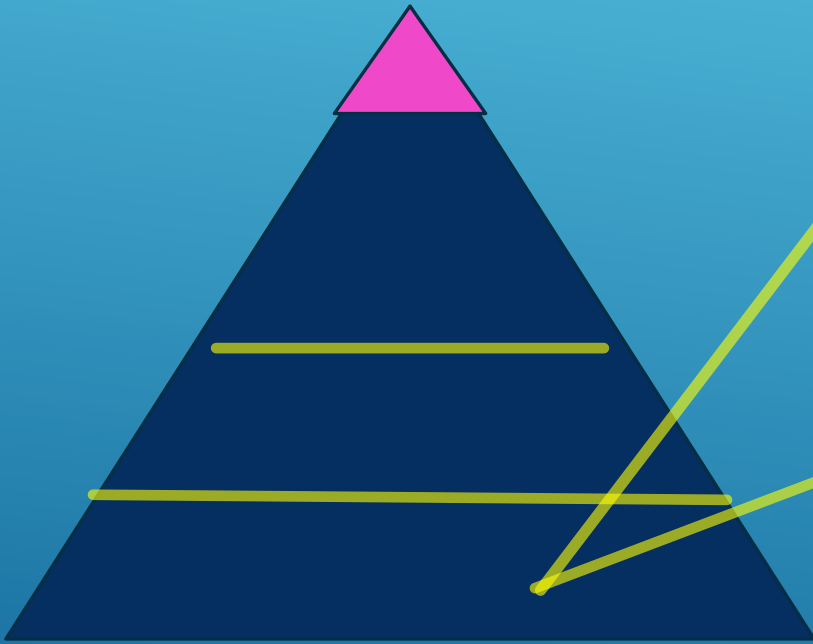
Update for August 10-11 meeting

The mission of the Scientific Inquiry and Research Subcommittee of the National Commission on Forensic Science is to promote a culture of science across all disciplines within the forensic sciences.



1. Views document Scientific literature in support.....

Views document 2:
Establishing the Foundational Literature within the Forensic Science Disciplines



- Does the publication adhere to the guidelines stated in the Views Document *“Scientific Literature in Support of Forensic Science and Practice”*?
- Is the problem or hypothesis clearly stated?
- Is the scope of the article clearly stated as appropriate (article, case study, review, technical note, etc.)?

- Is the literature review current, thorough, and relevant to the problem being studied?
- Does this work fill a clear gap in the literature or is it confirmatory and/or incremental?
- Are the data analysis and statistical methodology appropriate for the problem, and explained clearly so it can be reproduced?

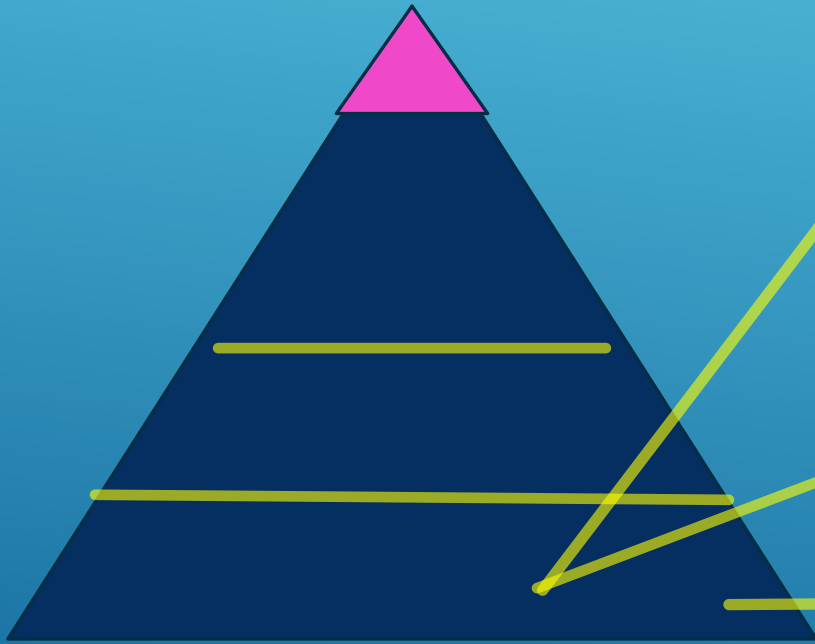
- Are the results and conclusions reasonable and defensible based on the work and the supporting literature?
- Are the citations and references complete and accurate?


- Are the references original (primary) and not secondary?
- Are funding sources and other potential sources of conflict of interest clearly stated?

1. Views document Scientific literature in support.....

Views document 2:
Establishing the Foundational Literature within the Forensic Science Disciplines

Views 3: Accessibility of the Forensic Literature



- ▶ Greatest core literature is useless if you can't get to it
 - ▶ Views document with appendices
 - ▶ WA state model among others
 - ▶ State and local labs/agencies partner with higher education
 - ▶ Full library privileges (faculty equivalent)
 - ▶ Appendix will have “how to” with examples and contacts
 - ▶ Dare we say...
 - ▶ Everyone wins
- 
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Education
Research

Dissemination

Translation

Working FS lab



Translation



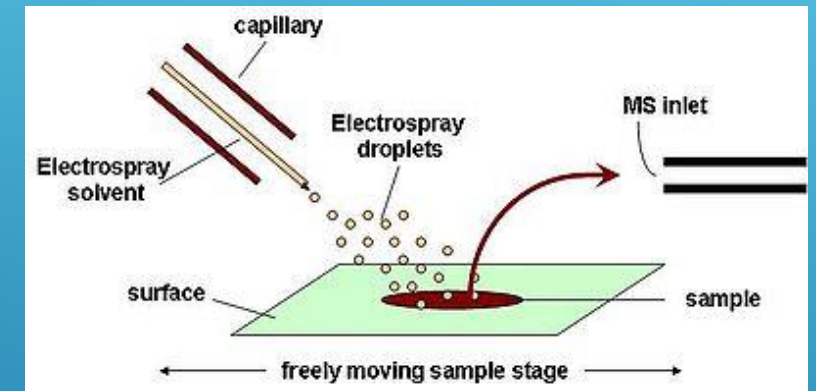
Document 1: Post-doctoral path
and funding

Document 2: Funding for
internships




Scientific and
technical merit


- ▶ Complicated and ambitious
- ▶ Provide a recognized top level review of scientific and technical merit
- ▶ Tool for gatekeepers
- ▶ Coordinated by NIST
- ▶ What *doesn't* drive it
- ▶ Ad-hoc groups
- ▶ Differs from OSAC in focus
- ▶ Many models to evaluate and consider
- ▶ “Gang of Four “ discussing and crafting the first draft



“PROFICIENCY” VS. BENCHMARKING

- ▶ Jeff is the lead on this for us
 - ▶ Terminology vs what the goal and role of our subcommittee really is
 - ▶ Same discussion the Commission had as a whole
 - ▶ What we are interested in two-fold
 - ▶ Meta data analysis (return to this)
 - ▶ Benchmarking is the aspect of interest to the subcommittee
- 
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IDEA FOR PANEL: TRANSLATION OF RESEARCH INTO PRACTICE

- ▶ What are some models that might apply?
 - ▶ NSF
 - ▶ FDA
 - ▶ DHS
 - ▶ DOD
 - ▶ International models (European)
 - ▶ Welcome other ideas and suggestions
- 
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