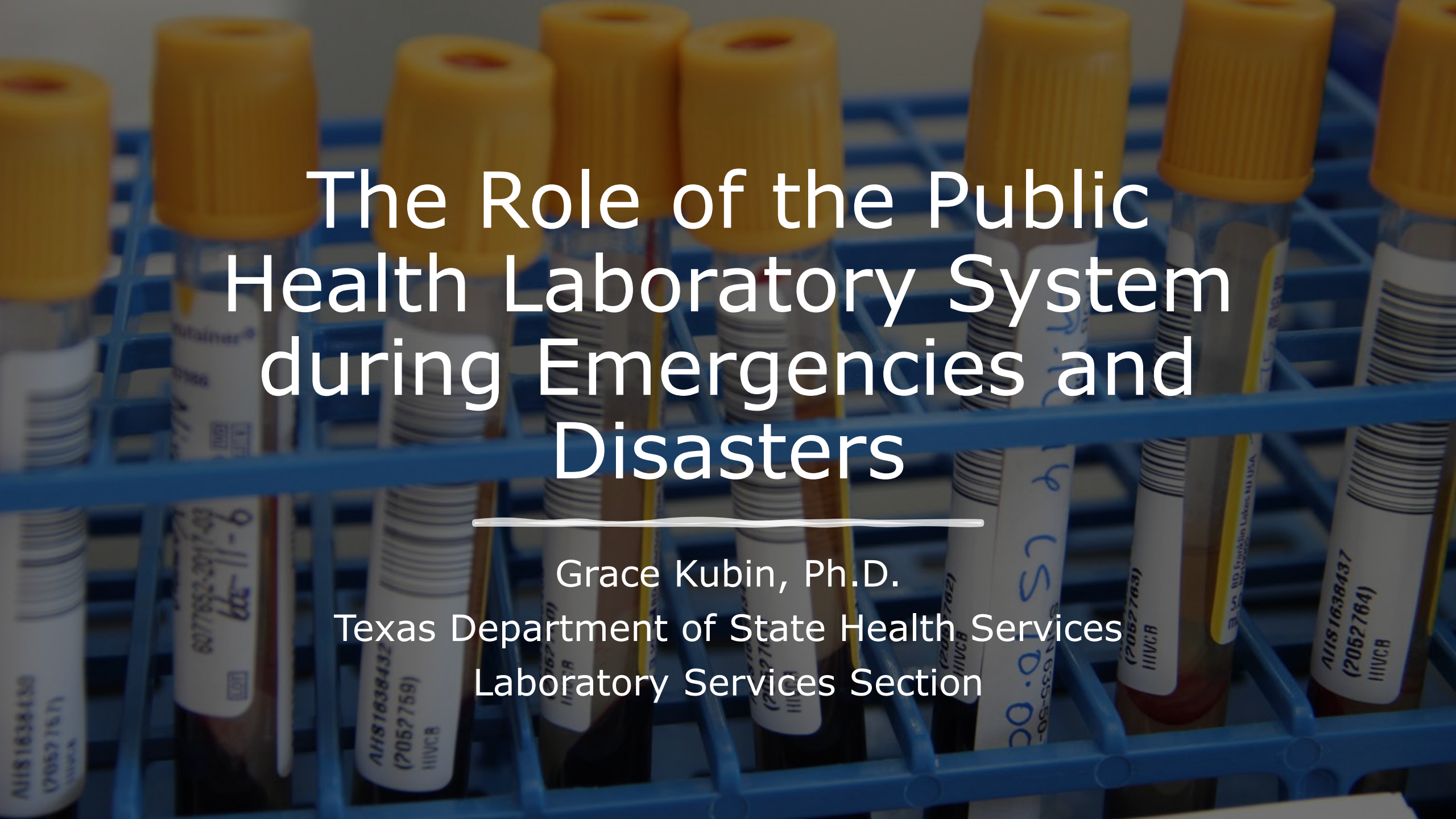




The Role of the Public Health Laboratory System during Emergencies and Disasters

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What is our role?

- Ready to respond 24/7
- Initial disease identification and characterization
- Broad access to testing in the early stages

AUTOMATIC
CAUTION
DOOR

Restricted
Access
BSL-3

PHL response starts with the LRN

- CDC develops assays based on the global disease landscape
- Assays deployed to an existing national LRN lab system
- Secure reporting of test data to CDC
- BSL-3 labs and resources to perform the testing for emerging diseases
- Serve as resources for other labs and unconventional testing sites



Working Towards a National Lab system

- Revolutionize the LRN assays to be flexible, scalable and FDA approved
- Include inactivation protocols to allow testing in BSL-2 labs
- Develop a surge plan to more fully utilize the LRN lab network and other partners to mitigate sample overload
- Work with academic institutions for research and development to provide test redundancy – need a robust set of assays



What else?

- Reliable courier systems for specimen transport
- Contracts for surge testing in commercial labs and for manufacturers of testing kits and consumables
- Interoperability of data systems for all local, state and federal jurisdictions and partners
- Form a collaborative workgroup to define a minimal data set for test orders during an emergency