

Digital Health @ Carolina

Carolina Health Informatics Program (CHIP)
CHIP.UNC.EDU

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McColl Distinguished Term Professor (2017-2019)

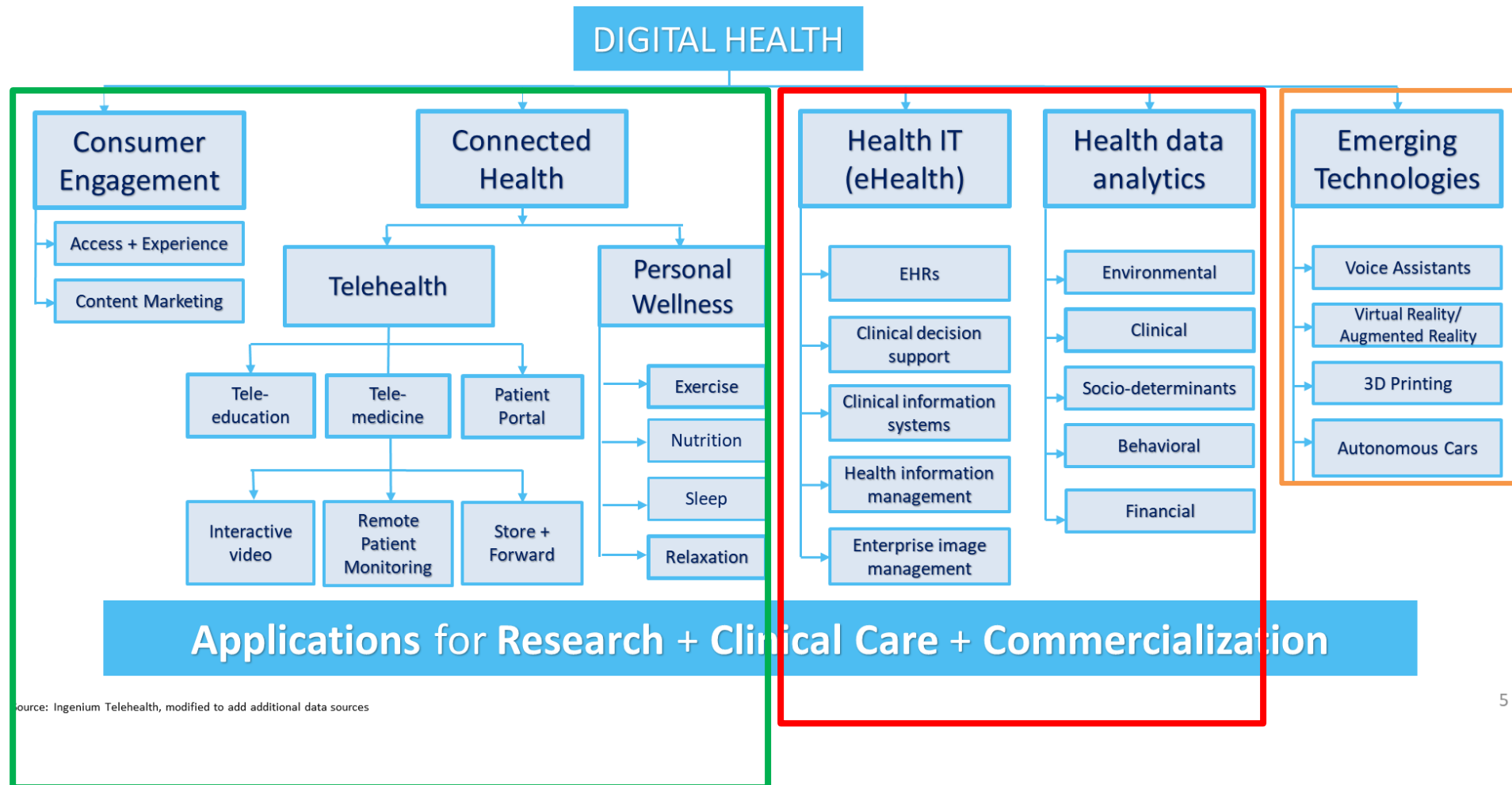
Information Sci. & Biomedical Research Imaging Center
Biomedical Informatics Services,
NC Translational & Clinical Sciences Institute,
School of Medicine

Director, CHIP

February 23rd, 2018

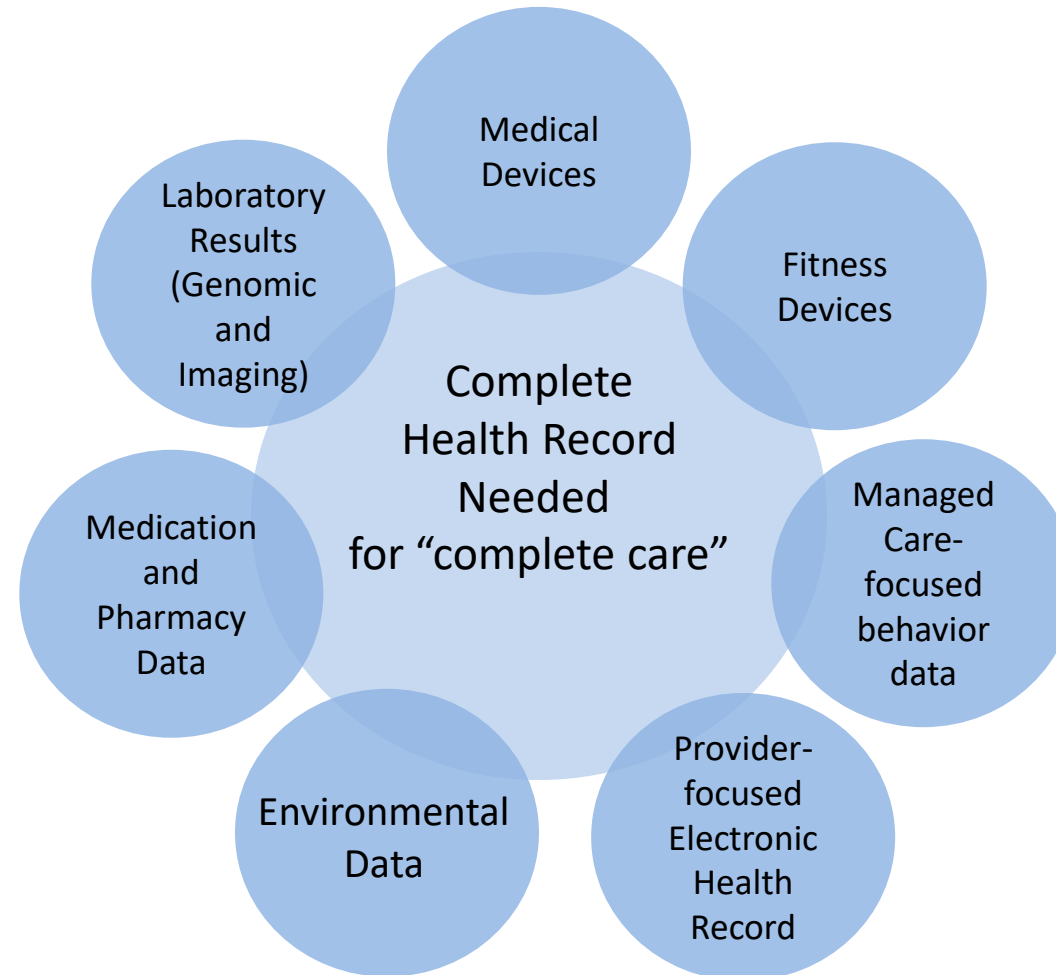
University of North Carolina at Chapel Hill

Opportunities are Immense: Macro-Scale of Digital Health Care Delivery



source: Ingenium Telehealth, modified to add additional data sources

Critical Health Data



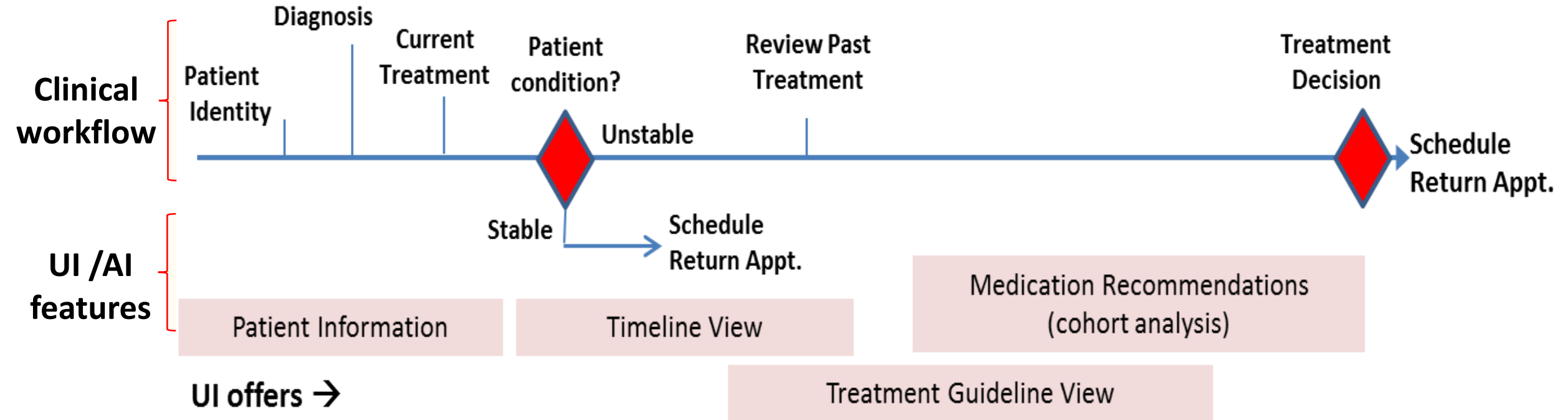
Leading to “Big” data problems ...

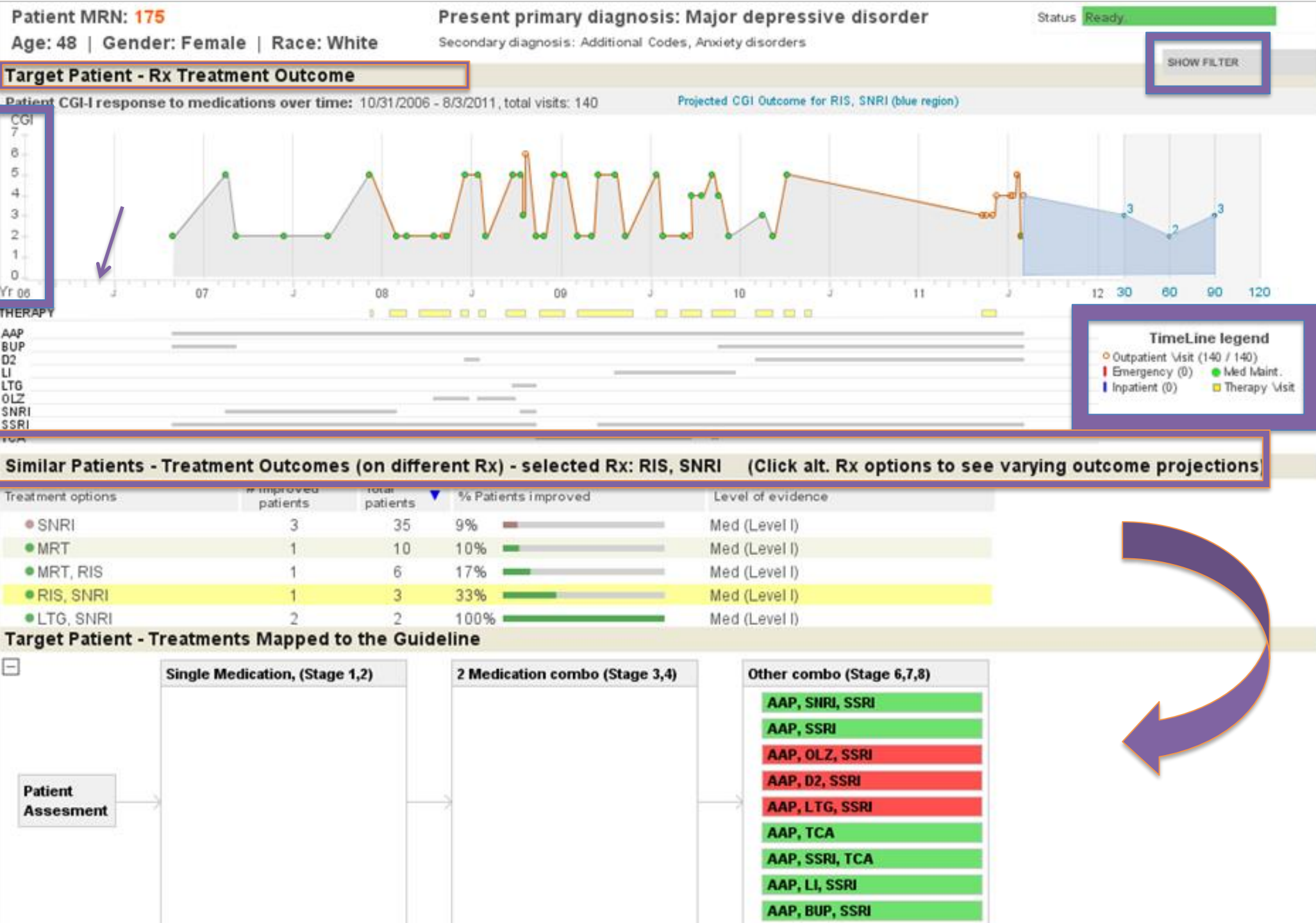
To Address Big Data Challenges:

We need a wide set of skills and knowledge both at the “Macro” level and at the “Micro” level... Point-of-Care

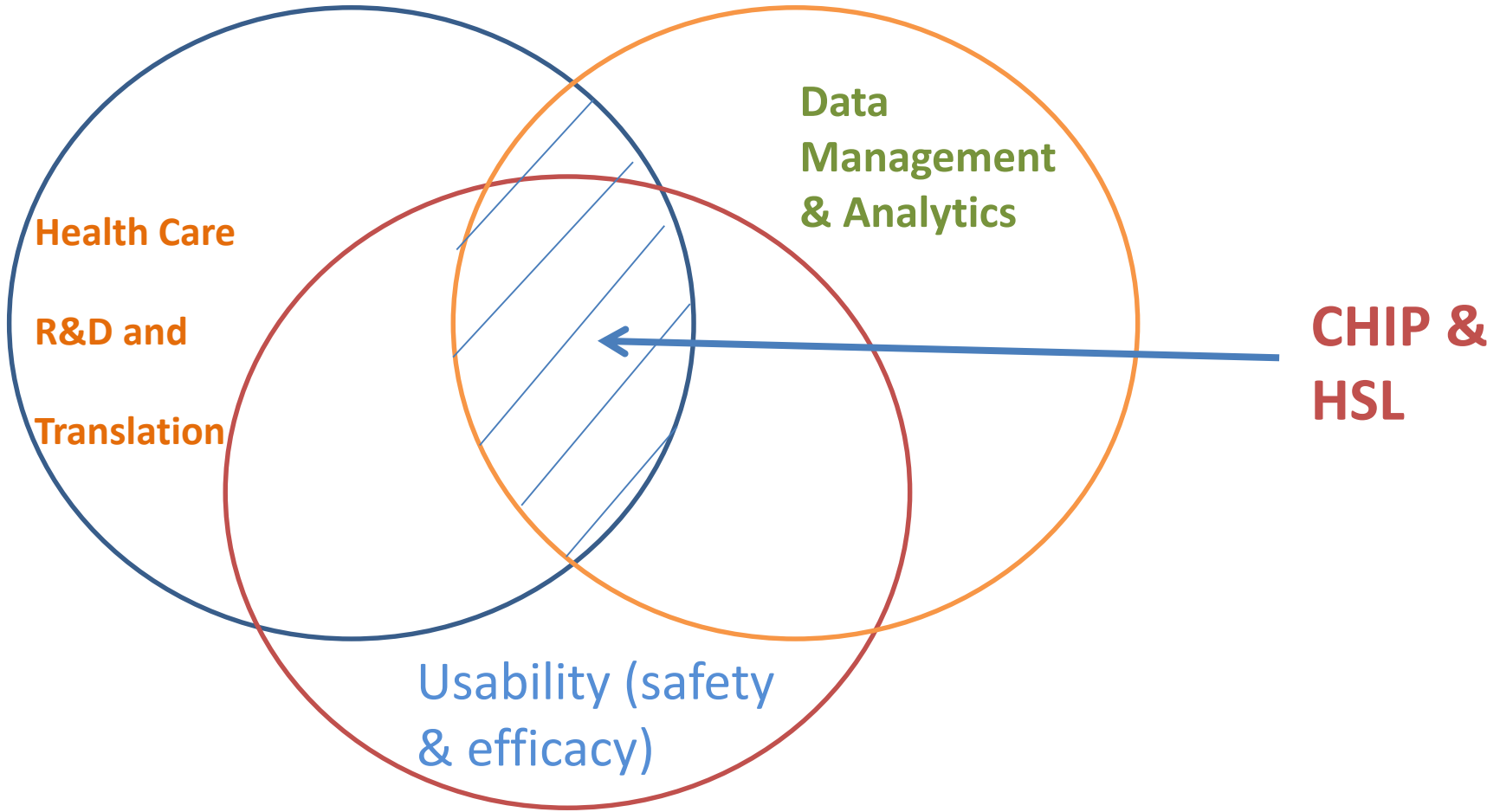
Micro-level: Care Workflow

Typical Workflow Path for Mental Health / Med-check →





CHIP & HSL is in a “Sweet Spot”: Core Services and Education



How do we grow?

- We remember that we are all working for UNC (“One University”)
- We collaborate
 - Across schools, departments, and units ... and, when needed ...
 - Across campuses (UNC, Duke, NCSU, NC Central...)
 - Across university and other external organizations: for-profit and non-profit businesses
- We remain laser-focused on solving problems and expanding educational opportunities

Thank you!

- Questions?
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