

## The Christiana Care Center for Outcomes Research

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## What is Outcomes Research

- Outcomes research is clinical and translational research that goes beyond procedural or narrowly defined endpoints of efficacy to consider measures in health care that patients consider important.
- Outcomes research is also concerned with improving the health of our communities.
- Outcomes researchers use advanced analytic techniques to consider health status and health care economics. Outcomes research may consider less standard designs than randomized clinical trials.
- Outcomes research is at the nexus of therapeutic and diagnostic efficacy, broader definitions of effectiveness, implementation of new diagnostic, therapeutic or management approaches and public policy.

## Outcomes Research at CCHS

- Christiana is large, serving a large population
- Christiana is only health care provider for adults capable of developing outcomes research in Delaware
- Christiana has the resources and capabilities to be a leading institution in outcomes research
- Delaware is a microcosm of the United States, making it an excellent laboratory for new ideas
- Delaware is ideally located geographically and there is deep scientific capability

## The Christiana Care Center for Outcomes Research CCOR

## MISSION

- To promote and conduct research aimed at improving patient care and/or informing health care policy
- To provide service and education in broad areas of clinical, epidemiologic, translational, and outcomes research

## Goals

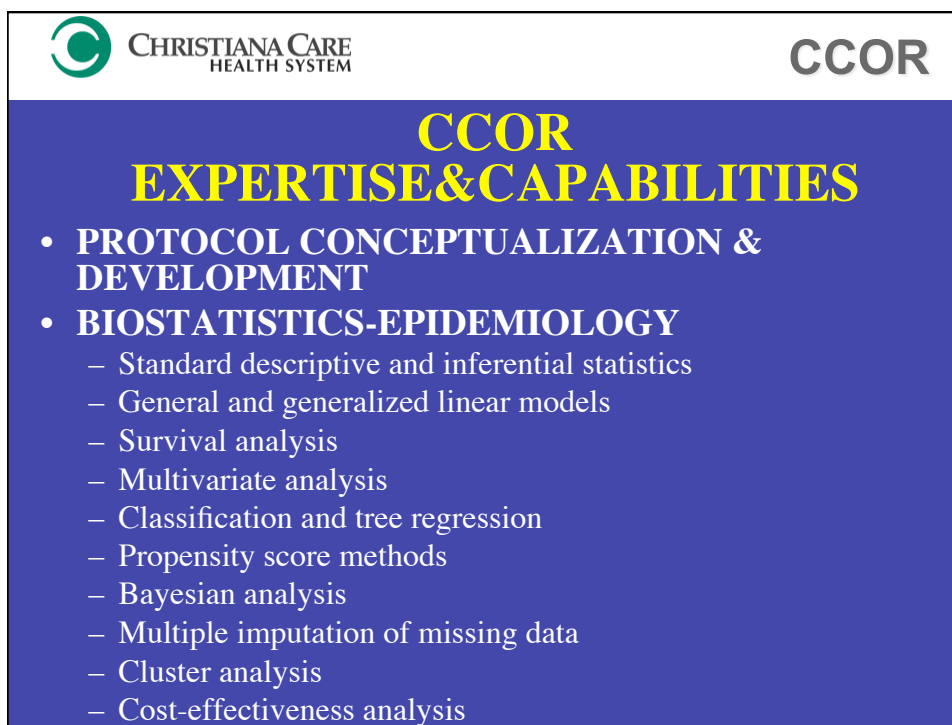
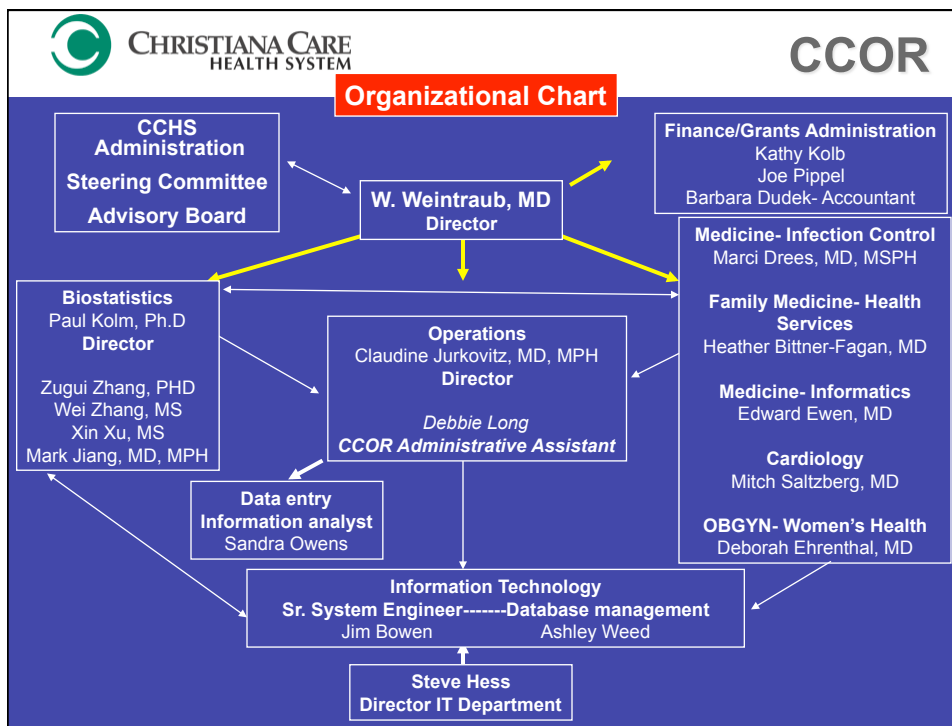
- To foster and support research with the purpose of contributing to the continual evolution of evidence based medicine.
- To provide epidemiologic and analytic resources to improve understanding of outcomes at Christiana
- To provide design, data handling and analytic resources for assisting investigators throughout the Christiana Care Health Care System
- To develop clinical, epidemiologic, translational and outcomes projects, which may be internal, industry funded or peer-reviewed

## CCOR OVERVIEW

- Data coordinating center for a number of both large and small clinical trials in the area of cardiovascular diagnostics and therapeutics
- Specific expertise in the evaluation of quality of life, economic and cost-effectiveness endpoints
- Multidisciplinary approach to research with faculty including clinical researchers from the departments of Internal Medicine, Cardiology, Infectious Diseases, Oncology, Womens Health, Family Medicine of the Christiana Health Care System, and researchers from the University of Delaware, Delaware Biotechnology Institute, University of Pennsylvania, Temple, Jefferson Medical School, AI Dupont.
- Collaborations with investigators at other Institutions both nationally and internationally.

## Location and Resources

- Suite 202 at 131 Continental Drive
- 5000 sq ft of well developed space
- Tied into Christiana phone and computer networks



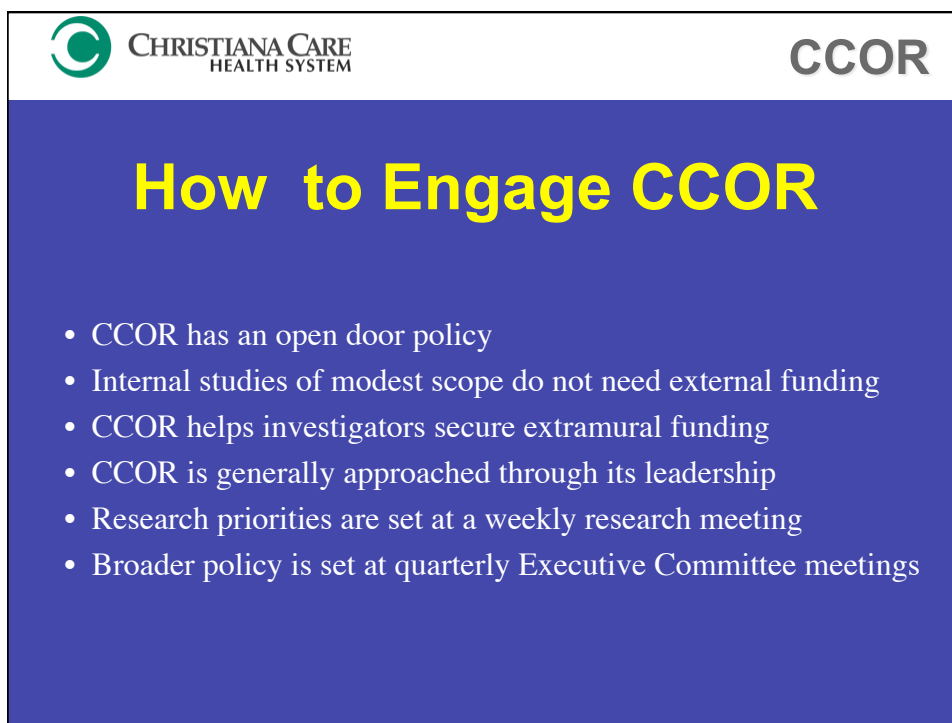
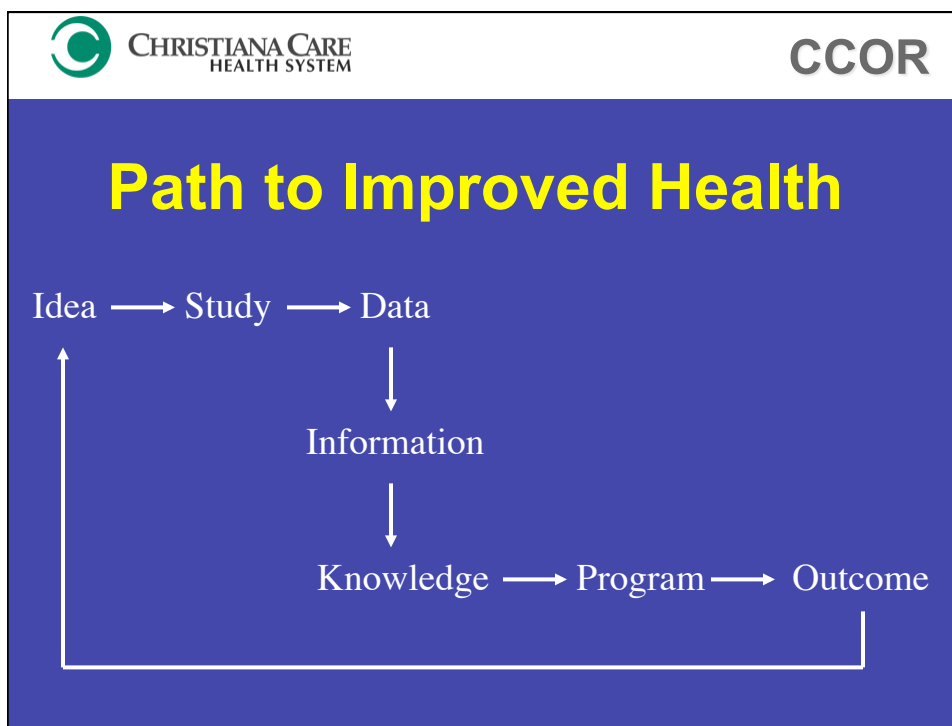
- **DATA MANAGEMENT**

- CRF creation (Teleform®)
- Database design and programming
  - ACCESS front-end
  - SQL server
- Data entry
  - Teleform®- Verification of 100% of the field
  - ACCESS hand keyed data entry – Double data entry
- Reporting
- Daily automatic back-up to an off-site server

- **DATA MINING**

## Contact CCOR

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## Mentoring Young People

## Developing Research Infrastructure at CCHS

# Population Health in Delaware