

## Mission of the CT Center for Precision Medicine (or CT Center for Personalized Medicine?)

**Precision medicine** aims to deliver more effective, predictive, and precise health care to all based on each individual's genomic profile. This approach to medicine seeks to define well-being and improve health care—from prevention to diagnosis to treatment—for each individual, based on what is known about that person's unique characteristics and circumstances.

**Mission:** Partners collaboratively work to identify service and innovation opportunities to reduce the incidence of disease and improve patient health through the use of genomic, social, behavioral, environmental, and clinical data.

**Goals:** to lay the groundwork for innovation, the Connecticut Center for Precision Medicine will pursue three main goals, (1) to expand access to patient data while maintaining safety and security protocols (2) to assemble an extensive inventory of precision medicine assets in Connecticut, and (3) to support demonstration projects that have the potential for tangible benefits to patients.

### Strategies:

1. Procure an **Asset Inventory** across the state to identify CT organizations and companies working in bioscience, biopharma, genomics, and pharmacogenomics, including: research projects and clinical studies, databases, and analysis platforms. The inventory will:
  - Function as a **centralized information** base;
  - Coordinate the use of precision medicine resources, and stimulate cross-sector collaborations among the state's scientists, clinicians, entrepreneurs and patient participants, enabling them to turn available large data sets and technical innovation into better health outcomes.
  - Catalyze the economics of precision medicine in the state and beyond our borders
2. Partner with state educational entities to assess, identify and help to build the necessary **education pipeline** for health informatics, health analytics, and genomic counseling programs ensuring we are preparing the workforce of the future
3. Expand the state prescription monitoring program ([CPMRS](#)) database to include all prescription fills.
4. **Establish the Connecticut Biobank** – an open access database for patient de-identified data; identifiable data possible with patient permission;
  - Identify volunteers for genomic clinical trials from: 1) the expanded CPMRS database, and 2) ERISA companies and CT State Employee insurers who will offer genomic profile **as part of a prevention benefit**.
5. Partners in the CT Biobank will establish **standards and protocols** for collection, analysis, and storage of genomic data (in coordination with NIH)
6. Partners will establish **access and privacy standards** for the protection and safety of patient data (in coordination with NIH)
7. Establish the **CT Precision Medicine Code of Ethics Advisory Board** who will determine best practices in precision medicine
8. In partnership with Connecticut Innovations, organize the procurement of CI Bioscience funds through **Demonstration Projects** supporting ventures in bioscience– competitive grants