

North Carolina Precision Health Collaborative (NCPHC)

Convened by NCBiotech

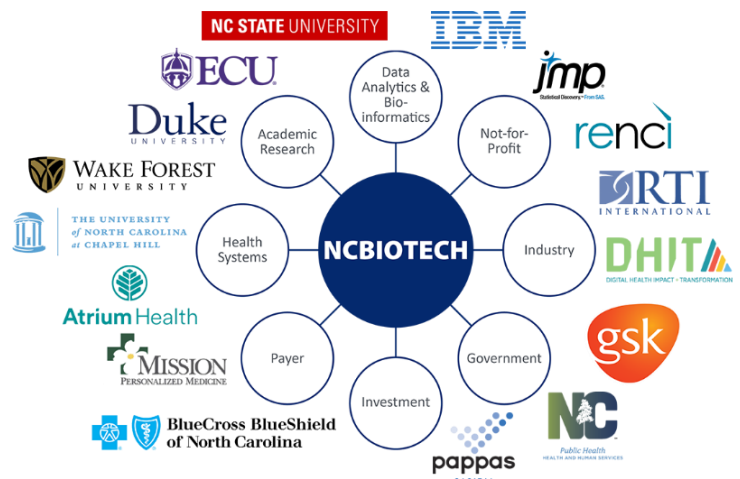
Mission: Accelerate collaborative initiatives that foster research, enable providers, engage industry, and empower citizens to improve health outcomes and optimize resource utilization in North Carolina.

Precision Health: The Future of Health and Health Care

The North Carolina Precision Health Collaborative (NCPHC) believes that precision health combines data about an individual's genes, environment, and lifestyle with innovation and diverse partnerships to more precisely predict and diagnose disease, target therapies, and personalize health and wellness plans. Our focus on precision health captures not only new technologies but also the variety in tools, partners (e.g., public health) and ever-advancing innovations. These innovations include data analytics and digital health; life science innovation (discovery through impact); clinical research and real-world evidence; targeted therapies; and pharmacogenomics (right patient, dose, drug, and time). Our framework consists of a highly diverse set of partners that will all play a critical role in the full implementation of precision healthcare.

See: <https://www.ncbiotech.org/transforming-life-science/sectors-of-attention/precision-health>

North Carolina possesses the capacity in its research and healthcare institutions, biomedical research and development capabilities, and information technology companies to be a global leader in precision health. To help develop the state's full potential in this important area, NCBiotech established the North Carolina Precision Health Collaborative (NCPHC). By stimulating growth in the precision health sector, the NCPHC and its partners can foster significant new innovations, create new precision health-based companies and jobs that draw investment capital to the state, all while improving the health of North Carolinians.



Core Efforts

NCPHC is launching the CHAMPPS pilot (**C**ancer & **H**ereditary disease **A**se **M**anagement & **P**harmacogenomics -- **P**opulation **S**creen) to screen North Carolina residents for highly actionable conditions (e.g., Hereditary Breast and Ovarian Cancer, Lynch Syndrome and Familial Hypercholesterolemia). To raise awareness in NC, we continue to develop and deploy precision health-oriented educational programming and materials for health care professionals and work with partners to inform and advance policies for implementation of precision health innovation. We are assisting the NC Department of Health & Human Services in updating its State Genetics Plan.

Key Activities and Resources

NCBiotech and NCPHC are hosting or partnering on a variety of precision medicine conferences this year as well as collecting and creating diverse toolkits and resources to facilitate research and implementation of precision health in the clinical and public health settings. We constantly explore and engage in strategic partnerships to further advance the sector in North Carolina and to improve the lives of citizens in our state.