

Sample of BSPH Capstone Projects from 2022-2023

Children's Hospital Ranking Improvement



Students worked with various departments at the UNC Children's Hospital to improve its US News & World Report ranking. The project's goal was to start planning and implementing newly identified initiatives before the next survey cycle. Students analyzed gaps in data reporting, staffing, and resources, such as clinics and equipment. After examining these gaps, the students determined the hospital would benefit from a cardiovascular genetics clinic. They worked with the organization to identify necessary resources, a timeline, and a budget for the clinic.

Unwinding the Public Health Emergency



Students worked with the Legal Aid of North Carolina, a non-profit law firm that works with low-income groups, to help the law firm create a coordinated plan to inform staff, clients, and stakeholders of changes to Medicaid when the COVID-19 public health emergency is over. To achieve this, students worked on many different deliverables, including a firm-wide memo of the public health emergency unwinding, a statewide networking database to assist people with Medicaid, a script for the organization's client intake team, and communication materials for their website and social media.

Maternal Health in a Global Context



Students worked with Curamericas Global, a global health NGO, partnered with KIKOP, a Kenyan community health group, to improve maternal and child health in a county in Kenya. The project aimed to increase funding for KIKOP's work. To achieve this, students developed grant proposals and budgets on behalf of Curamericas Global and KIKOP. The funding was used to improve a program that educates Kenyan mothers and pregnant women on a variety of health topics, such as nutrition, breastfeeding, birth plans, and dangers during pregnancy.

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Applying Public Health Research to the Commercial Healthcare Market



Students worked with RTI Health Advance (RTI-HA), a healthcare consulting business housed within RTI International, to help RTI-HA identify potential private sector healthcare client problems and solutions based on market dynamics and policy changes. Students partnered with staff from RTI-HA and RTI International's Office of Corporate Strategy to apply specific innovation processes to achieve this goal. Processes included concept note development, value chain analysis, Lean Canvas, and market testing and validation of new offerings.

Evaluating a Physician Wellness Program



Students evaluated the Taking Care of Our Own program, a physician wellness program within UNC Health, at UNC Hospitals. The program provides confidential mental health services to UNC physicians, faculty, and house staff. Students used a mixed-methods approach to assess the program's impact and make recommendations for improvement. This involved quantitative and qualitative data collection and analysis, along with interactions with program staff, participants, and stakeholders in UNC Hospitals and the Department of Psychiatry.

Building a Vision Health Coalition



Students worked with Prevent Blindness North Carolina, a non-profit organization, to build a coalition of partners to maximize the effectiveness of state-wide blindness prevention programs. Students researched coalitions in preventative services and identified current and needed vision services in North Carolina through a comprehensive survey. The information collected was used to structure the new coalition and to focus on building awareness of areas that are heavily resourced and under-resourced, improving overall resource allocation and collaboration.