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## BACKGROUND

- Social determinants of health are social characteristics and factors of a person's environment that play a role in the individual's overall health outcomes.
- Discovering barriers to care for young adults entering college is important. College entry is usually the first time an individual is independent in managing his or her healthcare decisions.
- Each step of the healthcare experience is often new for a college student, including scheduling a medical appointment, attending a medical appointment alone, navigating medical and prescription insurance coverage, understanding payments, filling prescriptions, selecting an appropriate nonprescription medication, or receiving a recommended vaccine.
- Our university offers two unique programs, one for first-generation college students and one for covenant scholars, that are designed to benefit students who come from possible socially or economically vulnerable backgrounds.

## OBJECTIVES

- To identify barriers to healthcare that may be present in undergraduate students enrolled in the first-generation program or covenant scholar program
- To provide access to pharmacist-prepared educational materials regarding healthcare services
- To determine the usefulness of the educational program and the utilization of healthcare services during the academic year

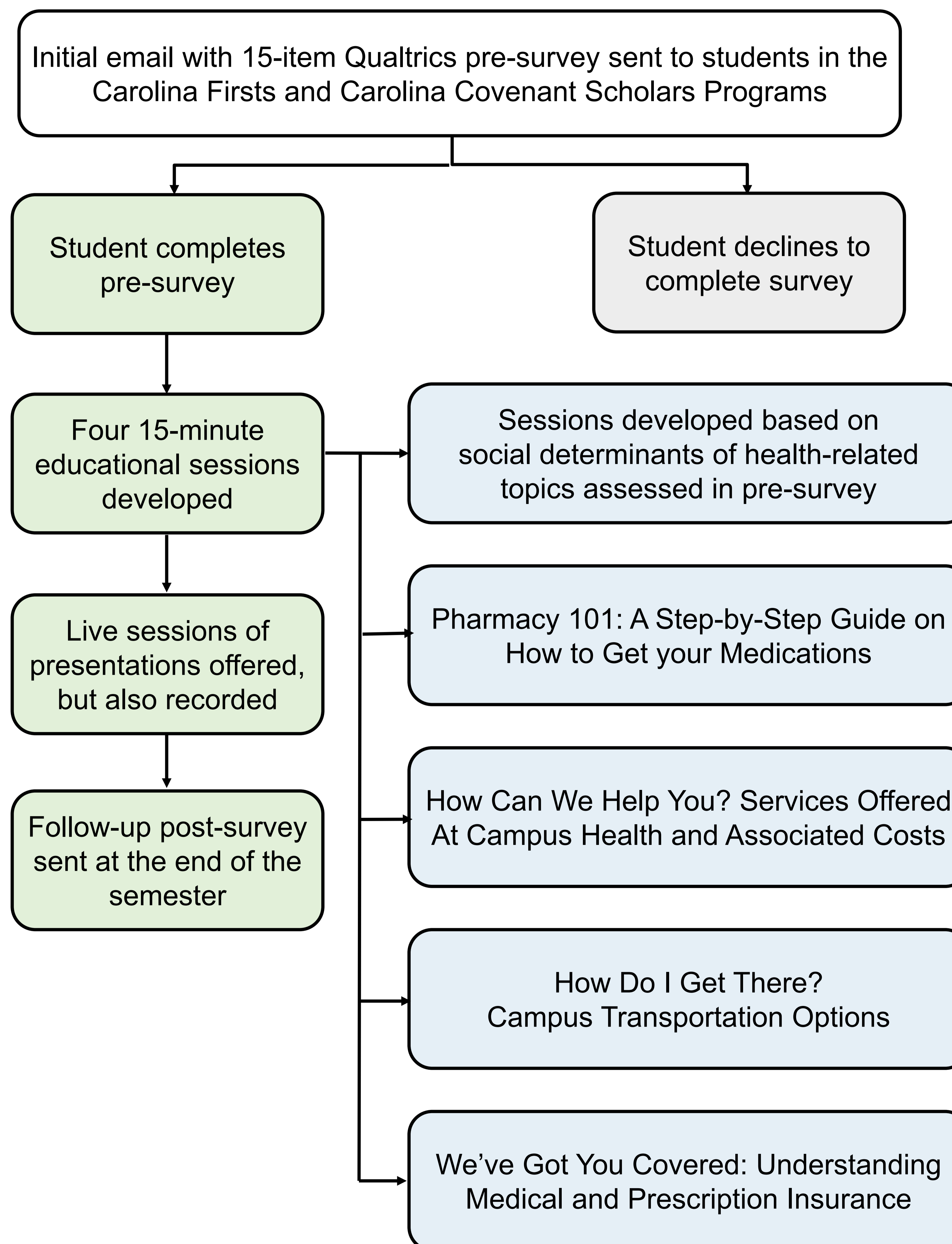
## METHODS

|                           |   |
|---------------------------|---|
| <b>Design</b>             | Prospective cohort study  |
| <b>Location</b>           | College health setting in the Chapel Hill, NC area  |
| <b>Inclusion Criteria</b> | 18 years and older enrolled at the University of North Carolina at Chapel Hill in the Carolina Firsts or Carolina Covenant Scholars Programs          |
| <b>Exclusion Criteria</b> | <ul style="list-style-type: none"> <li>• Students less than 18 years</li> <li>• Individuals who decline participation</li> </ul>                      |
| <b>Methods</b>            | <ul style="list-style-type: none"> <li>• Data collected on Qualtrics surveys</li> <li>• Select information transferred to Data Spreadsheet</li> </ul> |
| <b>Analysis</b>           | Descriptive statistics  |

**Macary Marciniak discloses that her spouse is employed by the American Pharmacists Association**

## PRELIMINARY RESULTS

### SURVEY WORKFLOW



### DATA COLLECTION: PRE-SURVEY

#### Demographics

- Age
- Gender
- Ethnicity
- Designation of Carolina Firsts Member, Carolina Covenant Scholar, or both

#### Prior Experience

- Comfort and knowledge regarding health insurance, establishing a primary care provider, scheduling a medical appointment, transportation options, and using pharmacy or Campus Health

### DATA COLLECTION: POST-SURVEY

#### Demographics

- Age
- Gender
- Ethnicity
- Designation of Carolina Firsts Member, Carolina Covenant Scholar, or both

#### Healthcare Access

- Comfort and experience with scheduling appointments, using pharmacy services, and knowing available Campus Health services
- Use of Campus Health services, filling a prescription at Campus Health or Student Stores Pharmacy, purchase of an over-the-counter medication, or visit with a primary care provider in the past semester
- Value found in education sessions and suggestions for how to add value
- Any barriers to healthcare faced in the past semester

## NEXT STEPS

- Collect data regarding identified barriers to healthcare that may be present in undergraduate students enrolled in unique first generation and covenant scholar programs
- Collect data regarding access to pharmacist-prepared educational materials regarding healthcare services, usefulness of the educational program, and utilization of healthcare services during the academic year