

CASE STUDY

How Avera Bolstered Genetic Counseling Staffing to Meet Demand

Scholarship program and support staff roles foster program growth

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Overview

The challenge

A national shortage of genetics professionals has contributed to a lack of sufficient staff capacity to meet increasing demand for genetic counseling services. At Avera Cancer Institute, the genetic counselor's capacity was stretched so thin that their time to next available non-urgent appointment had grown to 6 months.

The organization

Avera Cancer Institute is part of Avera Health, a health system based in Sioux Falls, SD, which has six regional centers across the Upper Midwest.

The approach

Avera tackled their genetic counseling capacity challenge with a staff recruitment initiative targeted to students. They implemented a scholarship program designed to create a pipeline of genetic counselors, and opened new roles for genetic counseling assistants (GCAs) to support the program.

The result

The scholarship initiative allowed Avera to recruit several genetic counselors and GCAs, effectively solving their staffing problem. After just one of the additional genetic counselors joined the program, Avera nearly doubled their annual genetic counseling volumes and reduced the time to next available appointment by 96%, from 6 months to 1 week.

96%

Reduction in time to next-available genetic counseling appointment

Approach

How Avera bolstered genetic counseling staffing to meet demand

Many genetic counseling programs face staffing challenges that underlie their inability to keep pace with patient demand. Avera's approach was threefold: justify and design an innovative method to recruit not only the right number of genetic counselors, but also hire the right support staff. The remainder of this publication details how they targeted recruitment efforts to students and drastically increased their staff capacity and timeliness of care.

The three initiatives

How leaders at Avera Cancer Institute improved their genetic counseling program's capacity with three key initiatives:

01

Justify proposal by
benchmarking performance

02

Design scholarship program to
secure multi-year contracts

03

Promote top-of-license practice with
genetic counseling assistants

01 Justify proposal by benchmarking performance

Avera Cancer Institute, like many other organizations, struggled to keep up with the growing demand for genetic counseling. Their wait times for a non-urgent genetic counseling appointment had ballooned to 6 months. At the time, Avera employed only one genetic counselor who operated the program alone.

Though Avera recognized that they were understaffed, they had struggled to recruit additional genetic counselors. They attributed this difficulty in part to being located in South Dakota, which they believe many would-be applicants viewed as too rural or remote. Over the course of several years, the program received only three applicants to an open genetic counselor position.

Establishing the case for increased staffing

Avera's genetic counselor recognized that they needed to secure additional funding to strengthen their recruitment efforts and support increased staffing. The genetic counselor compared their annual genetic counseling volumes and appointment wait times to the benchmarks published by the [National Society of Genetic Counselors \(NSGC\)](https://www.nscc.org/cm/ldfid-68). She documented that their genetic counselors' annual caseload and wait times were higher than the national averages.

With the backing of these data, the genetic counselor made the case to oncology leadership to invest in recruiting staff for the genetic counseling program. She argued that they were not only letting down patients' needs with such long wait times, but also missing out on the opportunity for program growth and downstream revenue. The ability to increase capacity to drive program growth justified investing money into recruiting sufficient staff for the program.

Source: "Professional Status Survey Reports," *National Society of Genetic Counselors*. <https://www.nscc.org/cm/ldfid-68>. Avera Cancer Institute, Sioux Falls, SD.; Oncology Roundtable interviews and analysis.

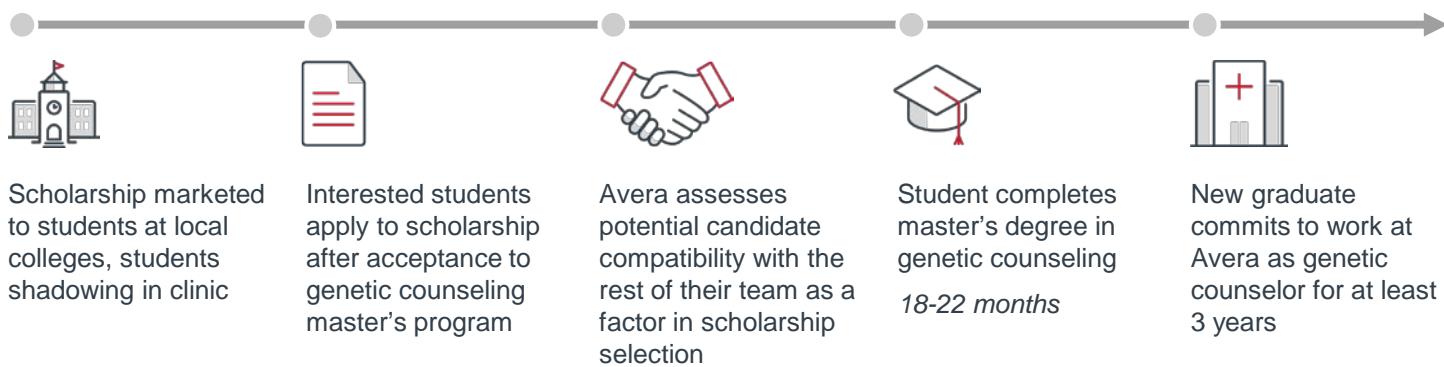
02 Design scholarship program to secure multi-year contracts

Avera's first step to increase capacity was to invest in their genetic counselor recruitment efforts. Rather than simply increasing genetic counselor compensation, Avera designed a scholarship program to incentivize students to commit to work for Avera upon completion of their education. This program establishes a pipeline of genetic counselors for several years to come, making it a more sustainable, longer-term approach.

Avera offered a scholarship to students entering a genetic counseling master's degree program. The scholarship typically covered 100% of the student's tuition. In exchange, students that accepted the funding committed to work for Avera Cancer Institute for at least 3 years after obtaining their degree.

Avera requires that students who apply to the scholarship already hold an acceptance to a genetic counseling program. They marketed the scholarship to local colleges and to pre-master's students who shadowed Avera's genetic counselor.

Figure: Genetic counselor scholarship application and employment process



Source: Avera Cancer Institute, Sioux Falls, SD.; Oncology Roundtable interviews and analysis.



DESIGN SCHOLARSHIP PROGRAM TO SECURE MULTI-YEAR CONTRACTS

Given the high cost of graduate school, Avera secured several scholarship applicants from not only the local college program, but also from schools outside the area.

The scholarship is particularly effective because it captures mostly local students at the early stages of their education, before they have moved away from the area. The program is attractive to genetic counseling students as it reduces their graduate student loan debt, which has notoriously high interest rates, and is thus a greater value to the student than the same amount of money in a salary increase or signing bonus.

Avera's scholarship program was so successful in securing long-term commitments from genetic counseling students that they have discontinued it for the next several years.

Source: Avera Cancer Institute, Sioux Falls, SD.;
Oncology Roundtable interviews and analysis.

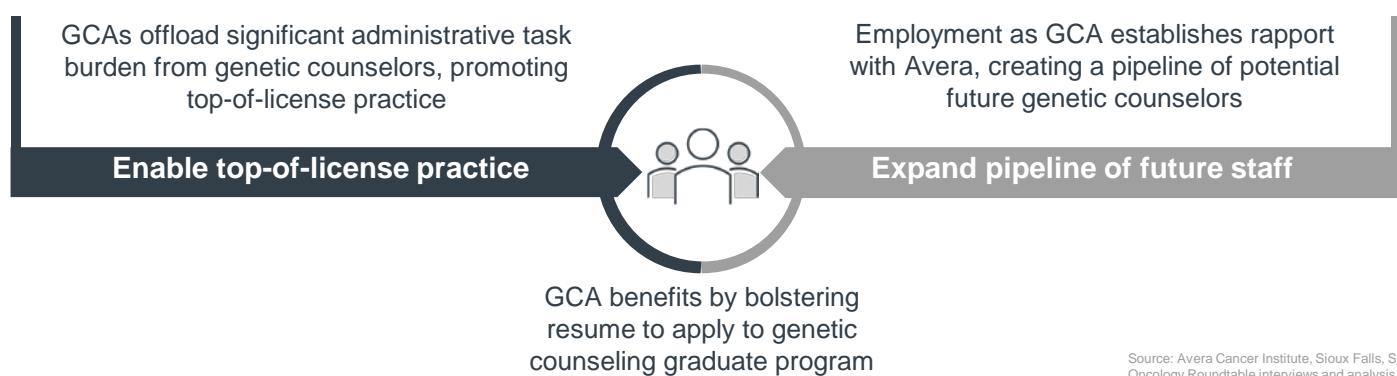
03 Promote top-of-license practice with genetic counseling assistants

In addition to the scholarship program, Avera created several positions for genetic counseling assistants (GCAs) to support the genetic counselors. Before creating a position specifically for a GCA, the program relied on medical assistants who were primarily staffed to the breast surgeon's service and lacked genetic counseling expertise. Avera realized that a position dedicated specifically to the genetic counseling program could be staffed by individuals who had training as a GCA and would allow the genetic counselors to focus their time on more top-of-license tasks.

Because many GCAs are either current genetic counseling students or plan to eventually pursue a degree in genetic counseling, these positions doubled as a recruiting tool to hire future genetic counselors and evaluate their "fit" while working for the program.

Avera created a full time GCA position and several "as needed" part-time positions. The part-time positions are staffed by current undergraduate and graduate genetic counseling students from the local college.

Figure: Hiring GCA alleviates capacity problems in two ways



Results

Avera's scholarship program helped secure appropriate genetic counseling staffing levels for years to come. They recruited several scholarship recipients, each of whom committed to work at Avera for at least 3 years after the completion of their master's degree program.

After hiring a second genetic counselor—the first scholarship recipient to complete the program—and hiring full time and part time GCAs, Avera substantially increased their genetic counseling volumes. Avera cut their wait time to next-available, non-urgent appointment from six months to one week. The program's annual patient volumes also increased from 587 in 2017 to 947 in 2019.

96% Decrease in time to next available non-urgent appointment

61% Increase in annual patient volumes

Avera's staffing solution did not just address their immediate needs, but created a long-term, sustainable solution that will continue to serve them as the demand for genetic counseling grows. 

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