



We're Gillings. We're on it!

THE #1 PUBLIC SCHOOL OF PUBLIC HEALTH IN THE U.S.





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About our School



OUR STUDENTS

The Gillings School is home to more than 2,400 diverse, creative and dedicated students, practical idealists who want to change the world for the better. Whether they study on campus or online, students work closely with faculty, peers and practitioners, forming bonds that help them grow as future public health professionals. Our curriculum balances classroom education with real-world experience, preparing students to tackle the toughest public health challenges facing North Carolina and the world.

OUR FACULTY

Our faculty members are some of the most talented teachers, researchers and scholars anywhere in the world, and they are leading the way in public health. They are accessible, committed to students and passionate about the work they do. They publish groundbreaking new research and advise governments, companies and nonprofits around the world.





"I am honored to serve as the eighth dean of the UNC Gillings School. Our community is leading ground-breaking initiatives that enhance public health practice, global health and inclusive excellence. One of my top goals for the School is that everything we do culminates in a positive, tangible difference in the real world."

- NANCY MESSONNIER, MD

Dean and Bryson Distinguished Professor in Public Health

Life in Chapel Hill

Chapel Hill — and the greater Triangle area — consistently are ranked among the country's best places to live and work. Our town is bikable, walkable, eclectic, safe, diverse and green. Our students love the temperate weather and the easy access to activities in the Triangle, on the coast and in the mountains.



IT'S A BREEZE TO GET AROUND. Get on your bike and go anywhere. Fourteen miles of greenways take you to campus, libraries, coffee shops, Franklin Street, the Dean Dome, grocery stores and 350 acres of parks. Ride the bus anywhere — it's free! One will deliver you near your Chapel Hill or Carrboro home and other locations around town and campus.

ENJOY A VARIETY OF FOOD. Renowned restaurants, bistros, cafés and food trucks are right around the corner from campus. Looking for traditional Southern food, ethnic food, eclectic cuisines or down-home cooking? It's all here. Want to plant your own garden? Volunteer at the Carolina Campus Community Garden.

IT'S A LAND OF OPPORTUNITY. The famed Research Triangle Park is 10 miles away and features more than 170 research and development organizations, research institutes and companies. Gillings School

faculty members and alumni can connect you to a world of practica, work and research opportunities. For a closer look at Chapel Hill and all it has to offer, explore <u>VisitChapelHill.org</u> or <u>TownOfChapelHill.org</u>.

EXPLORE ENTERTAINMENT AND CULTURE. Spend a casual evening sipping a latte on an outdoor patio, listening to live music, wandering through shopping districts, or cheering on your favorite team. Get involved in intramural sports or join a service group. If you are inspired by history, science or art, visit one of the area's museums. Study local flora at the North Carolina Botanical Garden or treat yourself to a concert at Memorial Hall. Whatever your preference, UNC and the Triangle area (anchored by Chapel Hill, Durham and Raleigh) offer plenty of social, entertainment and cultural opportunities to keep you busy, happy and constantly making new discoveries.











Inclusive Excellence

At the Gillings School, diversity is an asset.

We welcome, value and learn from individual differences and perspectives. By cultivating inclusive excellence within the School, we better prepare all our students for their future careers. A globally interconnected world needs culturally competent people to serve as its leaders.

WHAT DOES THIS LOOK LIKE IN PRACTICE?

- » Zero tolerance for discrimination, sexual harassment and bullying
- » Students from underrepresented communities now comprise over 24% of all students in the School
- » Several major annual events, including the Minority Health Conference and the National Health Equity Research Webcast

- » A highly active Diversity and Inclusion Task Force, led by Dr. Kim Ramsey-White, our assistant dean for inclusive excellence
- » Two lactation rooms, diaper changings stations in both men's and women's restrooms — and multiple single-stall, unisex bathrooms
- » Free trainings to better understand and support LQBTQ+ students, veterans and military-affiliated students, and those experiencing mental health struggles or sexual/interpersonal violence
- » Two "Quiet Rooms" that can be reserved for prayer or meditation
- » A long history of advancing health equity



Students get hands-on experience in the School's cutting-edge labs.



TOMORROW'S SOLUTIONS TODAY

At the Gillings School, we are impatient for change that improves public health and the environment.

The Gillings School has a long record of sustained research accomplishments with local and global impact. The research enterprise spans basic science to implementation and policy change, engaging collaborators across the University, state and globe. Equity is a central component of much of our research, and student engagement in research is a foundational training element.

- » We are consistently a top public school of public health for NIH funding – currently ranked No. 1.
- » Our researchers have been awarded more than \$1 billion in external grants and contracts since 2016.
- » The strength of the research enterprise at the Gillings School is underpinned by both the 2007 \$50 million "Gillings Gift" and an outstanding record of competing for externally sponsored grants and contracts.

STUDENT *stories*



Analyzing water quality in rural households

Frank Stillo (at right, now adjunct faculty) found that houses in urban fringe areas of N.C. without city water service are at high risk of having lead in their water — then conducted outreach efforts to help affected households. *go.unc.edu/beyond*

Educating middle schoolers with an innovative sex ed app

Liz Chen (in red, now on faculty) and Cristine Leos (in floral) were named to Forbes' "30 Under 30" list of young entrepreneurs for their "Real Talk" app, which engages middle-school students with approachable, accurate sex ed content as a supplement to the standard curriculum. go.unc.edu/sph-apps



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Developing a major weapon in the COVID-19 fight

When the pandemic arrived, researchers in the lab of Dr. Ralph Baric helped prove that Remdesivir could treat COVID-19. The drug was subsequently used to save thousands of lives. The Baric Lab also supported work on a second drug, Molnupiravir — and Dr. Baric's seminal research on coronaviruses aided the production of the Moderna vaccine used by millions.

sph.unc.edu/baric-covid



ABOVE

Hayley Welgus (right) reviews numbers during her summer practicum in Haiti with Save the Children. (Photo by Reginald Louissaint of Save the Children)

BELOW

Natsumi Koyama (left) and Aninda Sen (right) gather data on solar powered water pumps in Malawi.



GLOBAL IS LOCAL. LOCAL IS GLOBAL.

At the Gillings School, local and global health content infuses our courses and degrees. Through partnerships at home and abroad, our students and faculty transform health around the world and in our backyard.

- » We work on six continents, in 30+ countries and in all 100 N.C. counties.
- » More than 80 faculty members work in global health.
- » We partner with major global health organizations such as FHI 360, IntraHealth International and JSI.
- » Last academic year, more than 282 international students from 46 countries joined our community.
- » We offer more than 40 courses with global content.

STUDENT stories



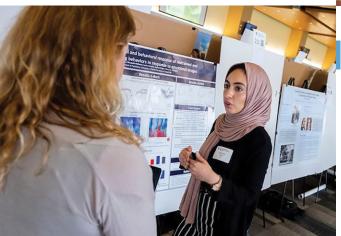
Making the world better through public health leadership

Andrew Herrera was already executive director of Curamericas Global when he enrolled at the Gillings School. Using new skills learned in his classes, he led the successful rollout of health services and health education to thousands of people in six countries. go.unc.edu/ah-sph

Hand washing for children, by children

During her time with CFK Africa, Sarah Lebu worked with children in Kenya to develop murals that would effectively promote healthy hand washing behaviors. go.unc.edu/sph-hands





Documenting food insecurity in a conflict zone

Rawan Ajeen collaborated with the nonprofit War Child UK to build an interactive website summarizing food insecurity trends in Yemen. By analyzing the different coping mechanisms people use to survive when food is scarce, she created a platform for public awareness. go.unc.edu/yemen-food



ABOVE

Public health ambassadors help Durham business stay open safely during the COVID-19 pandemic.

BELOW

Alice Wang tests water quality using a simple, portable kit.



ENGAGING COMMUNITIES, BUILDING PARTNERSHIPS

At the Gillings School, practice and service are at the heart of what we do. This work is characterized by a strong commitment to developing and sustaining trusted, bi-directional relationships and to achieving health equity.

- » Our practicum program connects students with organizations around the world to apply classwork to meaningful public health practice.
- » Gillings School faculty, staff and students conducted 27,583 hours of practice-based activities in 2022.
- » Our North Carolina Institute for Public Health delivers training and provides technical assistance to transform the practice of public health.

■ STUDENTStories



Promoting policies that reduce suicide deaths

Alex Gertner may have discovered a strategy to slow the recent increase of suicide deaths – addressing the financial anxiety caused by low wages. His research findings may support future policy change by linking increases in state minimum wages with decreases in suicide rates. go.unc.edu/sph-mw

Sharing the work of local health departments

As the Gillings School's inaugural Public Health Communications Fellows, Amma Agyemang-Duah (left) and Rachel Morrow spread the word about public health initiatives in rural communities. go.unc.edu/sph-fellows



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Innovating to support kids with visual impairment

As part of App Team Carolina, Halima Hasan helped to conceptualize and promote an app called "Bubbly" that helps children with Cortical/Cerebral Visual Impairment improve their literacy skills. go.unc.edu/sph-cvi

DEGREES AND CERTIFICATES

UNDERGRADUATE DEGREES

- » Biostatistics
- » Environmental Health Sciences
- » Health Policy and Management
- » Nutrition

MASTER'S DEGREES

Master of Public Health

- » Applied Epidemiology*
- » Environment, Climate and Health
- » Global Health
- » Health Behavior
- » Health Equity
- » Health Policy
- » Leadership in Practice*
- » Maternal, Child and Family Health
- » Nutrition*
- » Nutrition and Dietetics
- » Population Health for Clinicians
- » Public Health Data Science
- » Place-Based Health (offered jointly by UNC Asheville and the UNC Gillings School)

Master of Healthcare Administration*

Master of Science

- » Biostatistics
- » Environmental Health Sciences and Engineering
- » Nutrition

Master of Science in Clinical Research

» Epidemiology

Master of Science in Environmental Engineering

Master of Science in Public Health

- » Environmental Sciences and Engineering
- » Health Policy and Management

Master's-to-Doctoral Program

» Health Behavior

DUAL DEGREES

The Master of Public Health can be combined with a:

- » Master of City and Regional Planning;
- » Master of Social Work;
- » Medical Doctorate
- » Juris Doctor; or
- » Doctor of Pharmacy.

DOCTORAL DEGREES

Doctor of Philosophy

- » Biostatistics
- » Epidemiology
- » Environmental Sciences and Engineering
- » Health Behavior
- » Health Policy and Management
- » Maternal and Child Health
- » Nutrition

Doctor of Public Health in Health Leadership*

CERTIFICATES

- » Field Epidemiology**
- » Innovation for the Public Good
- » Total Worker Health®
- » Community Preparedness and Disaster Management**
- » Public Health Informatics
- » Global Health**
- Public Health Leadership**
- online and residential
- ** online only









The MPH Core Curriculum

The Gillings School's Master of Public Health (MPH) Core Curriculum is an integrated, 2-semester, 14-credit curriculum that spans our 13 concentrations.

Created by students, faculty and staff from across the Gillings School, the MPH Core brings students together to develop and apply critical-thinking and problem-solving skills, leadership capacity and essential public health concepts. Students work together and individually on semester-long projects, developing creative, evidence-based solutions for real-world public health problems.

SUMMER PRIOR TO FIRST ACADEMIC YEAR: GILLINGS COMPASS*

A 9-module overview from ethics and justice to quantitative skills to leadership and teamwork.

*COMPASS = Core Online Modules to Promote and Accelerate Student Success

FALL SEMESTER:

DESCRIBE AND PRIORITIZE PUBLIC HEALTH ISSUES

COURSES:

- Systems Approach to Understanding Public Health Issues (2)
- · Methods and Measures (2)
- · Data Analysis for Public Health (2)

DELIVERABLE:

Team Paper describing a public health issue

SPRING SEMESTER:

DEVELOP AND IMPLEMENT PUBLIC HEALTH SOLUTIONS

COURSES:

- Public Health Solutions: Systems, Policy & Advocacy (2)
- Developing, Implementing and Evaluating Public Health Solutions (4)
- Leading from the Inside Out (2)

DELIVERABLE:

Proposal for a solution to a public health issue

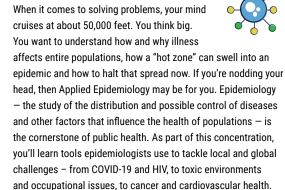
CROSS-CUTTING ACTIVITIES: Equity, local/global, evidence-based approaches, team work, communication, ethics, leadership



Concentrations

Explore our 12 concentration areas and see how our engaged faculty, students and staff members work with communities and across disciplines — in North Carolina and around the world — to solve some of the most challenging health problems.

APPLIED EPIDEMIOLOGY



ENVIRONMENT, CLIMATE AND HEALTH

Climate change. Lead-tainted drinking water. Air pollution. These are just a few of the largely preventable environmental exposures that cause a quarter of the diseases worldwide — and you're ready to do something about them. Our Environment, Climate and Health concentration will equip you with the skills and knowhow to predict, identify and mitigate their human health impacts.

GLOBAL HEALTH

We believe there's no difference between global health and public health. When it comes to solving public health problems, global is local and local is global. And you? You're passionate; you see beyond borders; and you are driven to work with groups and populations to make an impact on health. That could make you a great fit for our Global Health concentration. We'll help you develop the skills to advance the health of populations in diverse global settings. You'll partner with governmental and non-governmental organizations, research institutions and the private sector to learn how to analyze, develop and deliver public health programs aligned with local cultures, contexts and resources.



HEALTH BEHAVIOR

Passionate? Driven? Ready to improve health locally, globally and across a range of settings? Our Health Behavior concentration is here to help you become a public health leader and change agent to create healthy communities. The coursework and year-long service-learning project will give you experience using social and behavioral science to develop, evaluate and implement programs and policies for a broad range of urgent public health priorities, from smoking cessation to HIV prevention, eliminating intimate partner violence and more. You'll graduate equipped to promote health, prevent disease and injury, foster social justice and reduce health inequities at all levels of society.

HEALTH EQUITY

You recognize that inequity is baked into the very structure of society – in its laws and policies, art, architecture and geography, and in its education, judicial and health care systems. These inequities lead to poorer health outcomes for many, and you are driven to address this problem at the root. Our interdisciplinary concentration will help you develop skills to identify health inequities and create high impact approaches to dismantle them. You'll graduate understanding how social determinants contribute to health inequities and with hands-on experience applying strategies, methods, and interventions to advance social justice and human rights.

HEALTH POLICY

You understand that well-crafted policies can improve the health of entire populations, and you want the analytic skills and leadership capacity to do just that. Through our Health Policy concentration, you'll learn to produce compelling analyses that address complex health delivery challenges. You'll be able to design, evaluate and implement health care and public health policies across a range of settings, and advocate for and lead policy changes. As a graduate, your nuanced understanding of the U.S. health care system, your expertise in analysis and advocacy, and your skills in managing financial and human resources will equip you to usher in policies that support health in health care systems, in communities, at state and federal levels, and more.

LEADERSHIP IN PRACTICE

Do you want to drive change that supports health for all? Do you want to gain the leadership skills and credentials to do this? If so, the Public Health Leadership concentration may be right for you. You'll graduate with expertise in design thinking; evidence-based decision making; leading teams, projects, organizations and systems; and mobilizing for large-scale change – all in service to eliminating inequities, improving conditions in local and global communities, and helping empower populations to live their best lives, no matter their location. Whether you aim to lead in a local or state health department, nonprofit or private sectors, or other settings, you'll be equipped to make an impact.

MATERNAL, CHILD AND FAMILY HEALTH

Researching benefits of breastfeeding. Using gender equity approaches to reduce HIV.

Improving outcomes in obstetric departments locally and globally. This is just a sampling of the work you could do with an MPH in the Maternal, Child and Family Health concentration. As a student, you'll focus on determinants and systems that promote the health and safety of women, children and their families — to enhance their own and future generations' health. You'll graduate with a foundation in frameworks and methods for program planning and impact evaluation. This adaptable toolkit will help you lead interdisciplinary efforts that harness the multiple perspectives and competencies needed to facilitate change in the U.S. and around the world.

NUTRITION

Our Nutrition concentration goes beyond nutrition science to focus on nutrition science, behavior change, communication, and the effects of food systems on individuals and communities. With an MPH in nutrition, you'll have the skills to be a true change agent, able to tackle public health issues such as the obesity epidemic, food insecurity, challenges with food systems, and nutrition in daycare settings, schools, institutions and more. You'll be able to assess scientific evidence for nutritional guidelines; effectively communicate nutritional information to the public; evaluate how social, cultural and environmental factors affect nutrition-related health outcomes; and practice in compliance with federal regulations and state statutes.

NUTRITION AND DIETETICS

If you're an aspiring clinical dietitian who wants to help people live healthier lives through better nutrition, this concentration is for you. You'll have a chance to research origins of and treatments for eating disorders, investigate the roles of specific nutrients, including choline and folic acid, and understand how obesity impacts cardiovascular disease. You'll complete coursework exploring the science, communication and policy of nutrition and dietetics. In addition to this unique foundation in public health practice and research, you'll receive customized internship placements to help you fulfill the requirements to sit for the Commission on Dietetic Registration exam.

POPULATION HEALTH FOR CLINICIANS

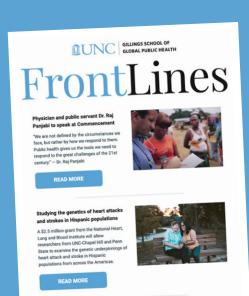
You're a dedicated clinician, but you recognize that critical health challenges facing communities around the world cannot be solved in the clinic alone. You want to move upstream and address problems at their source. Through our Population Health for Clinicians concentration, you can broaden your skills from providing excellent care to individuals to also improving systems of care for the benefit of all. Building on a decades-long collaboration between the UNC Schools of Medicine and Public Health, this program is widely regarded as one of the best opportunities for clinicians to gain mastery in public health and population science.

PUBLIC HEALTH DATA SCIENCE

You have a big appetite for big data — and the potential to use it to help create a healthier planet. This concentration, one of the first applied data science programs within a school of public health, will teach you the skills and knowledge to employ cutting-edge data science tools to create effective solutions to pressing public health issues. You'll be able to use big data to advance precision health; you'll also be able to run virtual clinical trials. Data science combines the statistical skills to manipulate data and make inferences, the mathematical skills to model phenomena and make predictions, and the computer science skills to manage and analyze large data sets.

PLACE-BASED HEALTH

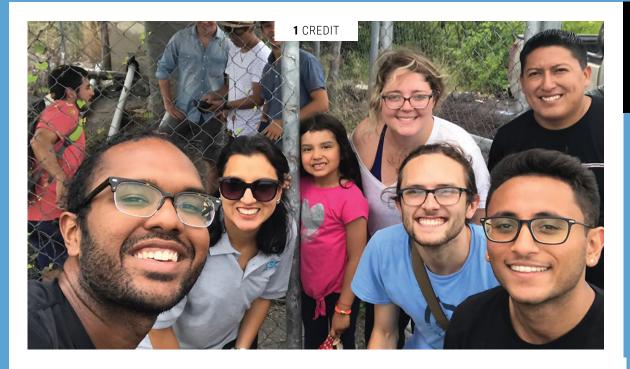
Would you like to step into a leadership role in any system that impacts health, including local and state agencies and community-based organizations? This unique degree — offered jointly by UNC Asheville and the UNC Gillings School on the campus of the Mountain Area Health Education Center in Asheville, N.C. — centers people and their communities as the catalyst for transforming systems to promote well-being for all.



FRONT LINES E-NEWSLETTER

At the Gillings School, we're on the front lines of public health. From disease prevention to promoting equity and engineering a healthier planet: We're on it.

Every two weeks, we share top stories of local and global impact via our Front Lines e-newsletter.



Practicum

Do you want to ...

- » Curb the opioid epidemic?
- » Ensure better access to health care for all?
- » Reduce and eliminate malaria in global settings?

These are just a few of the passions you can pursue through a practicum. We partner with organizations from Lenoir County, N.C., to Lilongwe, Malawi, helping you gain the hands-on experience you need to achieve your career dreams.

This 200-hour (minimum) mentored work experience will give you a real-world opportunity to apply knowledge, skills and values from Year One of your Gillings MPH training. You'll join a professional public health setting such as a nonprofit organization, hospital, local or state health department, or for-profit firm.

You will have expert support as you identify a partner, develop project ideas that benefit both you and your partner organization, and bring those ideas to fruition. Upon completion, you will have a portfolio of products that demonstrate your abilities to future employers — and you'll already have made a very real impact in public health.



Electives

Pick at least nine credits of graduate-level electives from across the Gillings School, the broader University or partner institutions to further your knowledge and skills where you choose. Examples include courses in health equity, data science, business administration, policy and communications.



Culminating Experience

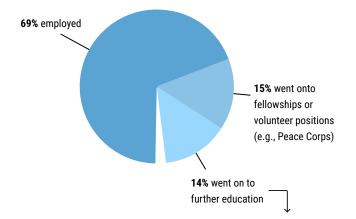
The culminating experience gives you a chance to get hands-on in the second year of your program. Experiences range from thesis-style papers to community-led capstone projects to case studies — it all depends on the concentration you choose.

Preparing leaders for career success

When it comes to competing for professional opportunities, engaging with our career services experts will ensure you are among the best-prepared candidates for a diverse, global workplace. We are dedicated to providing helpful resources and guidance that will support you in achieving your goals.

OVERALL OUTCOMES

of students find jobs or are enrolled in higher education within one year of graduating



TOP INDUSTRIES FOR EMPLOYMENT:



UNIVERSITIES



HEALTH CARE



FOUNDATIONS AND NONPROFITS







OF GRADUATES WHO WENT ON TO FURTHER EDUCATION:

- » 54% pursued further programs in public health
- » 29% were in medical school
- » 10% pursued other health-related fields (pharmacy, nursing, clinical psychology, etc.)
- » 8% were in other fields of study

Top employers





















































ACADEMIC DEPARTMENTS AND PROGRAMS

Our Departments are the building blocks that comprise our concentrations.

BIOSTATISTICS: We are recognized as a worldwide leader in research and practice. Members of our faculty are interested both in the development of statistical methodology and the application of statistics in applied research. Our students learn to advance statistical science and, by practical application, improve human health and the environment.

ENVIRONMENTAL SCIENCES AND ENGINEERING:

We focus on the interface between people and the environment. Uniquely situated in a school of public health, our interdisciplinary programs in air quality and atmospheric processes, human exposure and health effects, and sustainable water resources draw from faculty expertise in the physical and life sciences, engineering and policy. Our students are passionate about solving urgent local and global public health problems.

EPIDEMIOLOGY: We conduct innovative, interdisciplinary research and provide classroom and real-world education that integrates substantive area knowledge with cutting-edge epidemiologic methods. We work with students to apply their research to a variety of health problems across North Carolina and around the world.

HEALTH BEHAVIOR: Our mission is to provide leadership in research, teaching and practice to understand the social and behavioral determinants of health problems. We work with students to develop effective interventions built on theory, scientific evidence, and respect for the basic values of justice and human dignity. Our students develop the skills they need to be community change agents for issues that undermine public health both locally and globally, including violence, obesity, cancer, HIV, health policy and health inequities.

HEALTH POLICY AND MANAGEMENT: We train the next generation of leaders in management, policy making and research to address the complex challenges of health care delivery. We prepare our students to improve population health both domestically and globally. We are committed to ensuring that all people, everywhere, have access to high-quality health care services.

MATERNAL AND CHILD HEALTH: We are one of the world's leading academic departments for research, teaching and practice. We are dedicated to improving the health of women, children and families — domestically and globally. Our teaching program provides students with broad exposure to maternal and child health population needs and priorities, as well as with the skills to become leaders of tomorrow.

NUTRITION: A global leader in research and training, we are the only nutrition department in the United States situated jointly in a school of public health and a school of medicine. We engage in innovative work that capitalizes on both these schools' approaches to health. Our students receive comprehensive nutrition training that strengthens their skills as physicians, educators, public health advisers, dietitians, nurses, nutritionists, policy makers and more.

PUBLIC HEALTH LEADERSHIP: We provide public health professionals with leadership education to meet the challenges inherent in improving population health. We build upon students' varied professional experience as they collaboratively learn to assess community health needs, develop innovative policies and programs, and ensure that new systems are maintained and improved.



RESOURCES FOR STUDENTS

The Gillings School is, above all, a community, and we want everyone to thrive! We offer a wide range of services to support your academic, social and professional success:

- » Academic coordinators serve students in each program.
- » Tutoring is available through the Academic Enrichment Program.
- » Our funding coordinator helps students access financial support.
- » An Emergency Relief Fund is available for students needing immediate assistance.
- » We employ a Gillings-specific mental health counselor.
- » Our Culture of Health program offers regular wellness activities.
- » CJ's Cupboard is a free food pantry open 24 hours a day.
- » Each year, we host a student activities fair, a career and internship fair, and several professional development workshops.
- » Our Student Government is highly active, and more than 20 student organizations focus on global issues, community advocacy, diversity initiatives and healthy lifestyles.

















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