
 Georgia Department of Education

Richard Woods, Georgia's School Superintendent  
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# High Demand Career Initiative



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Maria Grovner, GaDOE

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## What's available in our schools?

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- Health Science in Our Schools
- 17 Pathways

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# Why Should We Promote Healthcare Industry?



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- Georgia and Utah will add more health-care jobs than any other states between 2010 and 2020, according to a new report by [Georgetown University](#) Center on Education and the Workforce.
- Georgia's health care jobs are expected to grow more rapidly than employment in any other industry in the state between 2010 and 2020, with about 149,300 jobs expected to be added during the period.
- By 2020, the Peach State will have about 543,400 health care industry workers, up from 394,060 in 2010.
- The state will have about 342,600 medical professionals in 2020.
- The United States will need 5.6 million more health care workers by 2020 to address a growing demand for health care services. Of those, 4.6 million jobs will require post-secondary education and training.

Don't dismiss the animal health field either....[Major Company moving here.](#)

# Area Health Education Centers (AHEC)

- To support the recruitment, education, training, and retention of a diverse health professions workforce throughout Georgia.



**Georgia Statewide AHEC Network**  
Augusta University  
Health Sciences Campus, AA-1057  
1120 15th Street, Augusta, GA 30912  
(706) 721-8331  
www.augusta.edu/ahec

**Blue Ridge AHEC**  
2007 North Broad Street NE  
Rome, GA 30161  
(706) 235-0776  
www.blueridgeahec.org

**Foothills AHEC**  
329 Oak Street, Suite 101  
Gainesville, GA 30501  
(770) 219-8130  
www.foothillsahec.org

**Magnolia Coastlands AHEC**  
Georgia Southern University, Hollis Bldg  
62 Georgia Avenue, Room 1115  
Statesboro, GA 30458  
(912) 478-1050  
www.magnoliacoastlandsahec.org

**Southwest Georgia (SOWEGA) AHEC**  
1512 West 3rd Avenue  
Albany, GA 31707  
(229) 439-7185  
www.sowega-ahec.org

**SPCC-Atlanta AHEC**  
1720 Peachtree Street NW  
Suite 440  
Atlanta, GA 30309  
(404) 815-4996  
www.spccatlantaahec.org

**Three Rivers AHEC**  
2022 15th Avenue, Building  
Columbus, GA 31901  
PO Box 4177, 31914  
(706) 507-0894  
www.threeriversahec.org

# RECRUIT



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- *To educate community members about health career choices and recruit future health professionals*
- Presenting in classrooms and at club meetings
- Providing one-on-one career counseling
- Exhibiting at career fairs
- Facilitating shadowing experiences and volunteer opportunities
- Coordinating camps and intensive programs with hands-on, interactive activities
- Collecting and sharing credible, high-quality information resources

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# Health Careers Manual

Published by Foothills AHEC

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<b>Doctoral or professional degree</b>	<b>Bachelor's degree</b>
Clinical, Counseling, & School Psychologist	Clinical Laboratory Scientist
Dentist, General	Health Informatics Professional
Family Medicine & General Internal Medicine Physician	Health Information Administrator
Health Specialties Instructor/Professor	Healthcare Administrator
Pharmacist	<b>Associate degree</b>
Physical Therapist	Dental Hygienist
Surgeon	Radiologic Technologist
<b>Master's degree</b>	Registered Nurse
Educational, Guidance, School, & Vocational Counselor	Respiratory Therapist
Healthcare Social Worker	
Nurse Practitioner	
Nurse Educator	
Physician Assistant	
Speech-Language Pathologist	



## Atlanta: Health Info Technology Capital



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- Georgia's HIT sector is the largest in the nation, with more than 200 companies employing approximately 30,000 people.
- One of the fastest-growing metros for technology in the nation, Atlanta has close to 15,000 technology companies employing 166,500 high-tech professionals.
- The region's bioscience community, which has grown substantially, is equally active and is recognized as the center for global health.
- The headquarters of leading national and global health organizations, including the Centers for Disease Control and Prevention (CDC), American Cancer Society, Arthritis Foundation, CARE (Cooperative for Assistance and Relief Everywhere), The Carter Center and the Task Force for Global Health, are located in metro Atlanta.

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## Health IT & Post-Secondary



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- Georgia's leading academic and research universities include:
  - Emory University
  - Georgia Tech
  - Augusta University
  - Georgia State University
  - Mercer University
  - Morehouse School of Medicine
  - University of Georgia
- Georgia's colleges and universities offer a wide range of HIT courses, certificates, degrees and training programs, including cancer registry management courses, doctoral degrees in health informatics and post-baccalaureate certificates.

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# What are the jobs?



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- [Top 10 In-Demand Healthcare Occupations](#)
- [20 Highest Paid Non-Physician Jobs in Healthcare](#)
- [Explore Health Careers](#)

Sample Career Specialties	Acupuncturist Advanced Practice Registered Nurse (APRN) Anesthesiologist Assistant Art/Music/Dance Therapist(s) Athletic Trainer Audiologist Certified Nursing Assistant Certified Registered Nurse Anesthetist (CRNA) Chiropractor Dental Assistant Dental Hygienist Dental Lab Technician Dentist Dialysis Technician Dietitian/Nutritionist Dietetic Technician Dermatologist Emergency Medical Technician Home Health Aide Kinesiotherapist Licensed Practical Nurse Massage Therapist Medical Assistant Mortician Occupational Therapist Occupational Therapy Assistant Ophthalmic Technician Orientation & Mobility Specialist Orthotist/Prosthetist Paramedic Podiatrist Personal care aide Pharmacist Pharmacy Technician Physical Therapist Physical Therapy Assistant Physician (MD/DO) Physician Assistant Podiatrist Psychologist Psychiatrist Radiation Therapist Recreational Therapist Registered Nurse Rehabilitation Counselor Respiratory Therapist Social Worker Speech Language Pathologist Surgeon Surgical Technologist Veterinarian Veterinarian Technician Wellness Coach	Audiologist Blood Bank Technician Cardiovascular Technologist Clinical Laboratory Technician Computer Tomography (CT) Technologist Cytogenetic Technologist Cytotechnologists Diagnostic Medical Sonographers Electrocardiographic (ECG) Technician Neurodiagnostic Technologist Exercise Physiologist Genetic Counselor Histotechnician Histotechnologist Magnetic Resonance (fMR) Technologist Mammographer Medical Technologist/ Clinical Laboratory Scientist Nuclear Medicine Technologist Nurse Practitioner Nutritionist/Dietitian Occupational Therapist Ophthalmic Technician/Technologist Ophthalmic Dispensing Optician Optometrist Phlebotomist Physical Therapist Polysomnographic Technologist Positron Emission Tomography (PET) Technologist Radiologic Technician Respiratory Therapist	Admitting Clerk Applied Researcher Cancer Registrar Certified Compliance Technician Clinical Account Manager Clinical Account Technician Clinical Coder Clinical Data Miner Clinical Data Management Specialist Clinical Data Specialist Community Services Specialists Data Quality Manager Decision Support Analyst Epidemiologist Ethicist Health Educator Health Information Administrator Health Information Technician Health Information Services Healthcare Administrator Healthcare Finance Professional Information Privacy Officer Information Security Officer Managed Care Contract Analyst Medical Assistant Medical Illustrator Medical Information Technologist Medical Librarian Medical Records Technician Patient Account Manager Patient Advocate Patient Information Coordinator Project Manager Quality Management Specialist Quality Data Analyst Reimbursement Specialist Risk Manager Transcriptionist Unit Coordinator Utilization Manager Utilization Review Manager	Behavioral Disorder Counselors Biomedical/Clinical Engineer Biomedical/Clinical Technician Clinical Simulator Technician Central Service Manager Central Service Technician Community Health Worker Dietary Manager Dietary Aide Environmental Services Facilities Manager Healthcare Administrator Healthcare Economist Maintenance Engineer Industrial Hygienist Interpreter Materials Manager Patient Navigator Transport Technician Substance Abuse Counselors	Biochemist Bioinformatics Associate Bioinformatics Scientist Bioinformatics Specialist Biomedical Chemist Biomedical/Clinical Engineer Biomedical/Clinical Technician Biostatistician Cell Biologist Clinical Data Management Associate/Consultant Clinical Pharmacologist Clinical Trials Monitor Clinical Trials Research Associate Clinical Trials Research Coordinator Geneticist Laboratory Assistant-Genetics Laboratory Technician Medical Editor/Writer Microbiologist Molecular Biologist Pharmaceutical/Clinical Project Mgr Pharmaceutical Sales Representative Pharmaceutical Scientist Pharmacologist Product Safety Associate/Scientist Process Development Associate/Scientist Processing Technician Quality Assurance Technician Quality Control Technician Regulatory Affairs Specialist Research Assistant Research Scientist Toxicologist
	Therapeutic Services	Diagnostic Services	Health Informatics	Support Services	Biotechnology Research and Development

[http://www.healthscienceconsortium.org/wp-content/uploads/2015/09/Health\\_Science\\_Career\\_Specialties\\_2-2015.pdf](http://www.healthscienceconsortium.org/wp-content/uploads/2015/09/Health_Science_Career_Specialties_2-2015.pdf)

# Health Awareness Days, Weeks, Months



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- [Health Awareness Months, Weeks, and Days](#)
- [Calendar of Healthcare Recognition Days](#)
- Explain the activity & do something action-oriented around that day.
- Wear (color) to support \_\_\_\_\_
- Morning Announcements featuring that particular profession
- National Nutrition Month: Have students keep a food journal
- National Sleep Awareness Week: Have students keep track of their sleeping hours
- Family Health & Fitness Day USA: Encourage family physical activity
- Career Dress Up Day
- Relay for Life: More than a fundraiser

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# Career Related Activities



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## Elementary

- Guest Speakers from Medical Community
- Career Dress Up Day
- Therapy Dogs
- Field Trips to hospitals, nursing homes
- High School Health Science Classes
- Medical Profession Careers/Careers on Wheels
- AHEC Presentations

## Middle

- Health Career Fair
- Health Fairs by HS
- Field Trips (Like to Warm Springs)
- Medical Profession Careers
- Medical Transportation
- Demonstrations by First Responders
- Visiting health related programs at colleges
- AHEC Presentations
- HOSA for Middle School

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# High School Career Related Activities



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- Same as Middle School
- [Bodies Exhibit](#)
- [Visit CDC Museum](#)
- Participate in HOSA Activities
- Field Trips
  - Visit Pharmaceutical Manufacturing Plants (Ex. Pfizer in Albany)
  - Visit Medical/Dental/Pharmacy/Vet School Programs in GA
  - Visit Medical Facilities (i.e. Health Depts.)

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# HDICI Trends



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- [High Demand Career Initiative Report](#)
- Concern: Aging Workforce
- Internships
- Basic Education Skills
- Introduce STEM at a younger age
- Diverse Workforce in STEM Related Jobs
- Productive Partnerships
- Shortage of Local Skilled Trades Workers
- **SOFT SKILLS**
  - CTAERN Accessibility to Lessons (directions on how to access sent about a month ago)
  - Georgia Best
  - Roger Hill...Email him for access to curriculum rbhill@uga.edu