

Modified DACUM Research Chart

Health Care Technology Program

CIP Code #51.9999



DACUM Panel

Representing 333 years of experience in the health care field

Peter Albright, Practice Manager,
Allegheny Health Network, Corry, PA

Chris Bailey, DPT/Owner,
Fyzical Therapy & Balance Center, Corry, PA

Holly Bailey, CSN/School Nurse
Corry Area Middle-High School, Corry, PA

Amy Bracken, Retired School Nurse
Corry Area Intermediate School, Corry, PA

Amy Dietz, School Nurse
Corry Area Middle-High School, Corry, PA

Kylie Harris, Health & Medical Assisting Instructor
Warren County Career Center, Warren, PA

Milly Keeler, BSMT (ASCP), CLC (AMT), CCCP®
CLIA Specialist/Doctors Management
Keeler Laboratory Consulting, Corry, PA

Sheila Kennerknecht, Retired Nursing Manager/Staff RN,
Allegheny Health Network, St. Vincent Consultants in
Cardiovascular Diseases, Edinboro, PA

Cindy Pierce, Staff Development Coordinator
Corry Manor, Corry, PA

Sherry States, Health Assistant Instructor
Erie County Technical School, Erie, PA

Missy Turben, Health Care Instructor (observer), Career &
Technical Education Center, Corry Area HS, Corry, PA

Jan Kennerknecht, DACUM Facilitator
Erie County Technical School, Erie, PA



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Corry Area School District
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Additional Observers

Susan Bogert, Supervisor of Vocational Education, Career & Technical Education Center
Corry Area High School, Corry, PA

Ken Falkenhagen, Program Supervisor, IU5 Adult Education and Career Readiness, Edinboro, PA

Current Trends in Health Care

Changes in insurance
Declining reimbursements across the board
Lack of availability of qualified staff
Increasing educational expense
Monopolization of health care (e.g., UPMC)
Digital healthcare/record keeping
Increasing pharmaceutical company power
Increased costs for consumers
Telemedicine
Increased specialization and complexity
Increase in outpatient procedures
Healthcare is the most highly regulated industry and continuously changing!

Future Directions for Health Care

Preventive medicine
GMO
Decreasing access to MD/DO
Increasing cost of health care
Blue Zones
Decreasing access to care (e.g., rural areas)
Online access to health information (e.g., Web MD, social media, Anti-Vax)
Increase in home care
Shorter hospital stays
Premature DCs
Hospitalists
Multiple HCPs, not on the same page
Stem cell use
Genetics
Physician assisted suicide
Artificial intelligence
Robotics
Legalized marijuana
Cancer research
Autism research
Diabetes research
Universal health care
Reproductive health
Vaccinations

General Employee Skills Required

Multi-tasking skills
Communication skills (questioning, verification skills)
Prioritization skills
Persuasive skills
Organizational skills
Public speaking skills
Time management skills

Essential Worker Behaviors

Empathetic
Flexible
Self-directed
Attentive to detail
Works well under pressure
Dedication
Works well with others
Displays professionalism
Displays good work ethics
Positive
Respectful
Kind
Compassionate
Knowledgeable
Experienced
A leader
Competent
Confident
Able to take directions
Accepts constructive criticism
Dependable
Ethical
Displays integrity
Dresses appropriately
Utilizes cell phones appropriately
Follows company policies regarding social media
Respects privacy, follows HIPAA regulations

Concerns Noted

Number of adults needing assistance (Baby Boomers)
Lack of qualified workers
Workers not wanting to do shift work, poor work ethic
Financial/insurance concerns
Technology concerns such as privacy and telemedicine
Workers who display no accountability or loyalty
Not enough assisted living facilities
Ethical issues

Medical incompetence
Addiction
Anti-social behavior
Dementia
Digital distractions
Availability of qualified medical services
Financial incentives for medical providers to refer for testing, drugs, specialists within their own system
General decline of health in the population

Suggestions for Equipment and Supplies

Would be nice to see rapid test kits (influenza, strep, RSV, pregnancy, drug testing)- check with distributors for donations
Consider obtaining autoclave equipment and supplies
Consider purchasing SIM Man
Consider purchasing another venipuncture arm

Certifications Recommended for Students

Direct patient care certification
OSHA 10-Hour Health Care certification
Patient Care Technician certification
ECSI First Aid/CPR/AED certification
Look into Phlebotomy certification
Look into Lab Assistant certification

Acronyms

AED	Automated External Defibrillator
CLIA	Clinical Lab Improvement Amendments
CMS	Centers for Medicare & Medicaid Services
CPR	Cardiopulmonary Resuscitation
CSN	Certified School Nurse
DACUM	Developing a Curriculum
D/Cs	Discharges
DO	Doctor of Osteopathic Medicine
DPT	Doctor of Physical Therapy
ECSI	Emergency Care Safety Institute
GMO	Genetically Modified Organism
HCP	Health Care Provider
HIPAA	Health Insurance Portability and Accountability Act
MD	Doctor of Medicine
NOCTI	National Occupational Competency Testing Institute
OIG	Office of Inspector General
OSHA	Occupational Safety and Health Administration
RN	Registered Nurse
RSV	Respiratory Syncytial Virus
SIM	Simulation (mannequin)
UPMC	University of Pittsburgh Medical Center
VAX	Vaccination

General Suggestions for Health Care Technology Instructor

- Consider visiting the Warren County Career Center Health & Assisting program to see the variety of new SIM mannequins obtained through grant funding.
- Consider instruction on general balance testing (30 second sit-to-stand test and four-stage balance testing).
- Consider getting students out to as many sites as possible for shadowing.
- Consider arranging a tour of a laboratory testing facility.

Career Opportunities for Students



Note: This listing of job titles is not all inclusive. For more information, visit <https://www.onetonline.org/>

Advice for Students from DACUM Panel Members

Peter Albright, Practice Manager, Allegheny Health Network: “Read everything *carefully*. Many shortfalls and mistakes can be attributed to not reading information carefully.”

Chris Bailey, DPT/Owner, Fyzical Therapy & Balance Center: “Have a growth mindset. Take advice from experienced workers and supervisors.”

Holly Bailey, CSN/School Nurse, Corry Area Middle-High School: “Have compassion for patients and co-workers. Treat patients as you would treat a family member.”

Susan Bogert, Supervisor of Vocational Education, Career & Technical Education Center Corry Area High School: “Don’t expect things to be handed to you. If you put forth the effort, you will be successful.”

Amy Bracken, Retired School Nurse, Corry Area Intermediate School: “Listen carefully. Take in the whole patient.”

Amy Dietz, School Nurse, Corry Area Middle-High School: “Health care involves always having an open mind and willingness to take on new jobs.”

Ken Falkenhagen, Program Supervisor, IU5 Adult Education and Career Readiness: “Think about what’s next. Have a long-term goal. There are many opportunities to move along a career pathway.”

Kylie Harris, Health & Medical Assisting Instructor, Warren County Career Center: “Find what you love to do and do it!”

Milly Keeler, Laboratory Consultant, Keeler Laboratory Consulting: “There is so much technology in health care. Continue learning and keep up with it. Networking is so important- our greatest asset is people!”

Sheila Kennerknecht, Retired Nursing Manager/Staff RN, Allegheny Health Network, St. Vincent Consultants in Cardiovascular Diseases: “Try to learn something new every day. Continue learning after your schooling is done.”

Cindy Pierce, Staff Development Coordinator, Corry Manor: “Avoid absenteeism. Maintain a good work ethic - good attitudes carry into the workplace.”

Sherry States, Health Assistant Instructor, Erie County Technical School: “Develop good listening skills. You will need them.”

Missy Turben, Health Care Instructor (observer), Career & Technical Education Center, Corry Area High School: “Put your cell phones away. Turn them off.”

The Corry Career & Technology Education Center would like to thank this dedicated panel of health care professionals for providing their expertise. All input will be analyzed for program improvement.
