

KATHRYN T. NEWTON PhD

WEBER STATE UNIVERSITY
Ogden, Utah

EDUCATION

PhD	Health Promotion and Education	University of Utah	2008
MS	Clinical Laboratory Science	University of Utah	2001
BS	Medical Technology	Utah State University	1980

Board Certified: Certified Health Education Specialist (CHES)

Board Certified: American Society of Clinical Pathologists (ASCP)

TEACHING EXPERIENCE

2014-Present. Associate Professor Health Science

- Responsibilities include teaching and revision of the following Health Science courses in both face-to-face and online formats:
 - HthSci 1101 Medical Terminology
 - HthSci 1110 and HTHS 1111 Integrated Human Anatomy and Physiology
 - HthSci 1120 Case Studies in Health Science (coauthored)
 - HthSci 2230 Pathophysiology

2008-2014. Assistant Professor Health Science

- Responsibilities include teaching and revision of the following Health Science Courses in both face-to-face and online formats:
 - HthSci 1101 Medical Terminology
 - HthSci 1110 and HTHS 1111 Biomedical Core (name later changed to Integrated Human Anatomy and Physiology)
 - HthSci 1120 Case Studies in Health Science (coauthored)
 - HthSci 2230 Pathophysiology both to campus and online students.

2003-2008. Adjunct Professor Health Science

- Responsibilities include teaching Health Science Courses including:
 - HthSci 1101 Medical Terminology,
 - HthSci 1110 and 1111 Biomedical Core (A&P)
 - HthSci 1120 Case Studies in Health Science (coauthored) and
 - HthSci 2230 Pathophysiology both to campus and online students.

- Designed and implemented HthSci 2810A, Pathophysiology Lab. Design included researching and writing laboratory activities and exams to accompany HthSci 2230 Pathophysiology.

September 2001-October 2002

Clinical Laboratory Sciences Online Programs Coordinator

- Managing CLS online programs which included student advising, managing student database and files, public relations with clinical affiliates, and training adjunct faculty.

September 1998-October 2002

Adjunct Professor Clinical Laboratory Science

- Designed and implemented an online course for Weber State University and concurrent high school students to introduce health professional career paths based on case study models. The course also reviews medical terminology, body systems, diagnostic testing, and pathophysiology. Extensive use of Microsoft Front Page, Dreamweaver and web page design. Concurrent enrollment students in 16 high schools and Weber State students currently participate in the course.
- Instruction of advanced clinical microbiology and core laboratory skills class online.
- Conversion of advanced clinical microbiology to both an online and paper-pencil course.
- Assisted in the conversion of quarterly microbiology curriculum to semester courses.
- Assisted in the instruction of beginning and advanced clinical microbiology. Responsibilities included supervising laboratory sections, periodic classroom instruction, grading papers, writing test material, and designing class projects.

CLINICAL EXPERIENCE

BIOLABS: 1986-1998

- Actively involved in all areas of a private laboratory including hematology, chemistry, microbiology, and urinalysis. Routinely on 72 hour call shifts. Solely responsible on call for stat requests for approximately 25 nursing homes.

LAKEVIEW HOSPITAL: 1980-1986

- Responsible for laboratory work in microbiology, hematology, blood bank, chemistry, and urinalysis. Also performed electrocardiograms and assisted with bone marrow aspirations.

MCKAY-DEE HOSPITAL: Fall 1979-Fall 1980

- Twelve month internship followed by 3 months of employment at McKay-Dee Hospital. Performed bench work in all areas of the laboratory including hematology, chemistry, microbiology, blood bank, and urinalysis.

RESEARCH and SCHOLARSHIP

Publications:

- Newton, K.T., Ashely, A. (2013). Pilot study of a web-based intervention for adolescents with type 1 diabetes. *Journal of Telemedicine and Telecare*. 19(8) 443-449
- Newton, Kathryn. *Case Studies in Health Science Workbook*, 3rd edition. John Wiley & Sons, Inc. 2015
- Newton, Kathryn. *Case Studies in Health Science Workbook*, 2nd edition. John Wiley & Sons, Inc. 2010
- Newton, Kathryn. *Case Studies in Health Science Workbook*, John Wiley & Sons, Inc. 2009.
- Dissertation: "Impact of an Interactive Health Communication Application on Promoting Compliance in Adolescents with Type 1 Diabetes." University of Utah, Dec. 2008.

Presentations:

- April 2013: National panel presentation at the American Alliance of Health, Physical Education, Recreation, and Dance: "Evidence-Based Results with Community Based Participatory Research Efforts."
- March 2013: National poster presentation at the Society of Behavioral Medicine: "Using Technology to Connect Teens with Type 1 Diabetes: A Web-Based Intervention."
- February 2012: National roundtable presentation at the clinical Laboratory Educator's Conference. "Using Case Studies to Develop Critical Thinking Skills."
- April 2011: National presentation at the American Alliance of Health, Physical Education, Recreation, and Dance national convention: HEDIR Technology Seminar. "Utilizing Technology to Increase Compliance in Adolescents with Diabetes."
- May 2010: Podium speaker at the Utah Radiological Association: "Promoting Compliance in Adolescents with Type 1 Diabetes Using Technology."
- April 2010: Poster Presentation at the Alliance of Health, Physical Education, Recreation, and Dance National Convention, "Diabetes Teen Talk."
- October 2009: Speaker and Poster Presentation at the Utah Alliance of Health, Physical Education, Recreation, and Dance state convention. "Diabetes Teen Talk."
- May 2009: University of Utah Pediatric Endocrinologists. "Impact of an Interactive Health Communication Application on Promoting Compliance in Adolescents with Type 1 Diabetes."
- April 2009: University of Utah Pediatric Diabetes Educators. "Impact of an Interactive Health Communication Application on Promoting Compliance in Adolescents with Type 1 Diabetes."
- October 2002: NACEP (National Alliance of Concurrent Enrollment Partners) Conference. "A Successful Partnership for Innovative Health Professions Curriculum."

- April 2002: “Conference on College Teaching and Learning.” “Beyond www.University.edu Extending the Wave.”
- Feb 2002: Roundtable discussion at the Clinical Laboratory Educators Conference. “Innovative Methods for Introducing the Silent Healthcare Professions.”

SERVICE

Weber State University:

- 2015-Present: Executive Committee Faculty Senate
- 2014-Present: Faculty Senate
- 2011-2014 Curriculum Committee
- 2010: Student Affairs Faculty Advisory Committee
- 2010: Davis Campus Student Affairs Advisory Board
- 2009-Present: Bachelor of Integrated Studies Committee Member for various students.

Dumke College of Health Professions, Weber State University

- 2014-2015: Chair DCHP Marriot Professional Development Committee, Weber State University
- 2008-2015: Member of the DCHP Marriot Professional Development Committee, Weber State University
- 2012-2014: Curriculum Committee
- 2010-2011: Building Safety/Emergency Committee

Professional Association Service:

- 2010-2013: National Chair Research Coordinating Board for the American Alliance of Health Education
- 2012-2014: Session Presider, American Alliance of Health Education National Convention.
- 2009-2010, 2015: Abstract Reviews for the Society of Behavioral Medicine National conventions.
- 2010-2012: Abstract Reviews for the American Alliance of Health Education National conventions.
- 2010-2011: Nominating Chair for the Utah Society of Clinical Laboratory Scientists.
- 2003-2004: Nominating Committee Utah Society of Clinical Laboratory Scientists
- 2001-2002: Nominating Committee Utah Society of Clinical Laboratory Scientists

Community:

- 2004: Organized and facilitated stress management group for cancer patients at the Utah Cancer Specialty Center, SLC, Ut.
- 2006-2007: Resiliency Solutions. Organized and facilitated stress management workshops for clinical patients.
- 2008-2010: Committee Member Festival of Trees. All proceeds from this charity function go to Primary Children’s Hospital.

AWARDS/RECOGNITIONS

- 2012. WSU Davis Outstanding Faculty.
- 2008. Outstanding Adjunct Faculty Teaching Award, Weber State University.
- 2010, 2012, and 2015: Nominated Crystal Crest Master Teacher Award.