

Molly H. Crist, PT, DPT  
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## Education

Doctor of Physical Therapy	Temple University	2003
Master of Physical Therapy	Temple University	1994
Bachelor of Arts	State University of New York at Buffalo	1991

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## Professional Licensure

Pennsylvania State Board of Physical Therapy, Certificate Number PT-008442-L  
New Jersey State Board of Physical Therapy, Certificate Number QA08655  
New York State Department of Education, Physical Therapy License Number 023243

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## Teaching Experience:

August 2004- present	<b>Director</b> , Transitional Doctor of Physical Therapy Program, Utica College, Utica, New York
August 2001-present	<b>Assistant Professor of Physical Therapy</b> , Utica College, Utica, New York.
2000-2001	<b>Instructor</b> , Physical Therapy Program, Temple University, Philadelphia, PA.
1995-1999	<b>Adjunct Faculty, Thomas Jefferson University</b> , Department of Anatomy
1991-1996	<b>Adjunct Faculty, Temple University</b> , Department of Physical Therapy
1995	<b>Part Time Faculty, Thomas Jefferson University</b> School of Medicine
1990-1991	<b>Part Time Faculty, State University of New York at Buffalo</b> , Department of Physical Therapy and Exercise Science.

## Teaching Activities at Utica College

### a. Courses Taught

*BIO 201	Human Gross Anatomy	F 2002, F 2003
PHT 511	Case Based Discussion I	F 2002
PHT 512	Clinical Laboratory I	F 2001, 2002
PHT 513	Critical Inquiry Seminar II	S 2004
PHT 522	Clinical Laboratory II	S 2002
PHT 522A	Neuroscience Laboratory II	S 2002
PHT 611	Case Based Discussion IV	F 2001
PHT 612	Clinical Laboratory IV	F 2001
PHT 631	Case Based Discussion VI	Su 2002
PHT 521	Case Based Discussion II	S 2003
PHT 611	Case Based Discussion IV	S 2003
PHT 612	Clinical Laboratory IV	S 2003, S 2004, S 2005
PHT 613	Critical Inquiry Seminar IV	S 2004
PHT 621	Case Based Discussion V	F 2004
*PHT 701z	Foundations of Autonomous Practice	S 2005, F 2005, S 2006, F 2006, S 2007
*PHT 713z	Diagnostic Imaging	Su 2006, S 2007, F
*PHT 716z	Global Health Care Issues	F 2005, F 2006
*PHT 712z	Prevention and Wellness	Spring 2006, Fall 2006

All of these are required courses within the entry-level physical therapy professional program at Utica College except those indicated by the \*. BIO 201 was taught in the weekend OT program, and the 700z courses are distance course designed for and taught in the transitional Doctor of Physical Therapy Program.

### b. Other teaching activities

**Curriculum Development:** I had a sizable role in the process of developing the curriculum for the post professional Doctor of Physical Therapy Program, and in upgrading our MS curriculum to the Doctor of Physical Therapy level. I assisted with the design of the curriculum, the background research and writing of the feasibility report submitted to the college, the writing of the proposal to the New York State Department of Education, and the Substantive Change Submission to the Middle States Association Commission on Higher Education for addition of a first professional degree to the college.

Prior to this, I was involved in substantial appraisal and reorganization of the MS physical therapy curriculum at Utica College, in preparation for the site visit by our accrediting body as well as in anticipation of the proposal to change to the Doctor of Physical Therapy Degree. With the rest of the faculty, I participated in a course-by-course examination of content, learning objectives, and outcomes evaluation.

**Academic Advising:** I currently advise 12 students enrolled in the Health Studies/Physical Therapy major at Utica College, and 76 advisees in the transitional Doctor of Physical Therapy Program.

**Student Thesis Advising:** Graduate students in the physical therapy program are required to engage in original research and subsequent production of a published master's thesis and professional poster presentation. As a second reader on ten group projects, I have provided various levels of oversight, including those related to data collection, content expertise, and technical writing. Among others, I have served as a second reader for the following projects:

Efficacy of FORDISC 2.0 in the Determination of Sex and Ancestry of Two Nineteenth-Century American Population Samples. Cary M. Eisenhut, Shanna M. Neff, Brendon B. Olson, and Christopher R. Wurtz, 2002.

Etiology and Clinical Applications of Os Acromiale. Andrea Benjamin, Joanna Frisbie, Stefanie Johnson, Gabriel Mattson, Ushinde Payne, and John Rostkowski, 2004.

"Receptacle of the Miserable and Helpless": Analysis of Individuals in the Blockley Almshouse Skeletal Collection. Sarah Hynes, Michael Kamme, Elizabeth LePinnet, and Yashar Ramos, 2005.

"The Excavation and Analysis of Infants and Children from the Philadelphia Almshouse Burial Ground, 1732-1834". Alicia Everett, James Fisher, Katherine Gatta, Kara Gilman, Cynthia Ko, Joshua Mannigan, and Sarah Sylstra, 2005.

"Characterizing Postural Strategies in a Child with Motor Impairments: A Motor Learning Paradigm," Marcos Crick, Katherine Glynn, Genevieve Kriger Jennifer Morreale, Alicia Ray, Abigail Ruff, 2006.

"Pathology Among Philadelphia's Blockley Almshouse Skeletal Collection," AJ Fuss JR, Sierra Kaiding, Michael Kamme, Katherine Kelly, Allison Montante, Michael Romandetti, and Amanda Secor, 2006.

### ***Special Projects***

My educational background (B.A.) and work experience (work on several historic period cemeteries dating back to undergraduate school, and 2 years working for a cultural resources management firm during graduate school, plus multiple consulting jobs since then) in biological anthropology affords me the ability to become involved with research projects that fall within that realm. Most recently, I have been involved with the following two projects with my husband and fellow faculty member, Dr. Thomas Crist:

***Archaeological Excavations at Ste. Croix Island, Maine.*** In 2002, Professor Thomas Crist, negotiated an open-ended cooperative agreement between Utica College and the National Park Service to lead a team of American and Canadian physical anthropologists to excavate and examine the skeletal remains of 23 colonists who died during the winter of 1604-1605 at the first French settlement in the New World, founded by Samuel de Champlain. This site, the "Canadian Jamestown," is the earliest European burial ground in the New World and yielded the remains of the first adult ever autopsied by Europeans in the western hemisphere. I was one of the members of the physical anthropology team who conducted this excavation. This culminated in the presentation of the results of our work at the 37th Annual Society for Historical Archaeology Conference on Historical and Underwater Archaeology in January 2004. Fieldwork: June 7-21, 2003.

In 2005, the work on this project led to the production of a nationally televised episode of *Skeleton Stories* on the Discovery Health Channel.

***Physical Therapy Student Thesis Research: Archaeological Excavations of Philadelphia Almshouse Burials.*** Professor Thomas Crist directed eight physical therapy graduate students in the excavation of the remains of 24 individuals buried ca. 1732-1834 in the former Philadelphia Almshouse Burial Ground. I took part in this excavation process. [Construction workers discovered their coffins in March 2004 in the basement of an existing rowhouse built in the 1850s over the former burial ground. The Philadelphia Historical Commission, Medical Examiner's Office, and

Orphans' Court requested that Dr. Crist undertake this project prior to permitting construction to continue. The CBS television affiliate in Philadelphia (KYW) filmed the fieldwork for a series of features that will aired in November during "sweeps week." The results of this project culminated in a group master's thesis in May 2005, for which I am also the second reader. Fieldwork: July 30-August 5, 2004.

As with the project mentioned above, the work on this project led to the production of a nationally televised episode of *Skeleton Stories* on the Discovery Health Channel.

Both of these television productions mentioned Utica College extensively, and the story was picked up locally, nationally, and internationally.

## Clinical Positions:

September 2001 – Present	Various part-time involvement in clinical care, including rural home care, wellness and prevention in community senior centers, and consultation with local and regional facilities.
March 2000–October 2000	Staff physical therapist, Westwood Rehabilitation Associates, Woodbury, NJ
March 2000–October 2000	Contract Physical Therapist, General Healthcare Resources, Plymouth, PA
1997–March 2000	<p>Advanced Clinician II, Thomas Jefferson University Hospital, Philadelphia, PA</p> <ul style="list-style-type: none"> <li>Assisted with the coordination of admissions to our inpatient rehabilitation units by screening referred patients for appropriateness, verifying insurance information, and negotiating rates with various insurance company representatives.</li> <li>Assisted the staff and new administrators in the transition from a traditional delivery model to a program model within our department.</li> <li>Monitored staffing levels on a daily/weekly basis, made arrangements for external supports when necessary, and processed vacation and time-off requests for multi-disciplinary staff members in acute care.</li> <li>Anticipated educational needs of staff, and provided educational programming for new staff, junior staff, contract staff, and physiatric resident physicians. Developed modules for measuring clinical competence in acute care.</li> <li>Oriented physiatric medical physician residents who rotated through acute care.</li> <li>Continued as the liaison to the trauma department with duties as noted below.</li> <li>Continuous direct patient care as noted below.</li> </ul>
1996–1997	<p>Senior Physical Therapist, Thomas Jefferson University Hospital, Philadelphia, PA</p> <ul style="list-style-type: none"> <li>Coordinated PT/OT services to all acute orthopedic, trauma, and neurosurgical patients.</li> <li>Instrumental in developing staffing strategies as well as policies and procedures in response to an increase by &gt;60% in direct referral populations when the hospital partnered with <i>The Rothman Institute</i>.</li> <li>Participated in development of weekend and holiday staffing strategies in response to above.</li> <li>Developed and implemented streamlined documentation systems for elective post-surgical orthopedic patients, which required extensive collaboration with the hospital documentation committee and the medical records staff.</li> <li>Developed and implemented pre-surgical classes for patients scheduled to undergo elective total joint replacement.</li> <li>Acted as the liaison to the trauma department, responsible for the coordination of multi-disciplinary rehabilitative services to all trauma patients, as well as provision of data on said services to the Trauma</li> </ul>

Foundation National Registry, critical for maintaining Level – I credentials.

1994-1996

Staff Physical Therapist, Thomas Jefferson University Hospital, Philadelphia, PA

- Rotated through all available environments of care, including acute care (cardiac, ortho/trauma/neurosurgery, general medical, medical/surgical), acute rehabilitation, including acute spinal cord injury management one of 9 regional spinal cord injury centers in the United States, subacute rehabilitation, and ambulatory care.
- Supervised non-professional staff and students in multiple environments of care.
- Assisted in the development and implementation of direct referral program for acute post-surgical cardiothoracic surgical patients.

## **Publications, presentations, and other professional activities**

### **Publications**

*Smith J, Crist MH. A Primer on Scientific and Professional Conferences, Part 1: Professional Development through Active Participation in a National Conference. Acute Care Perspectives, Volume 16, No 4, January 2007.*

*Crist, MH, Smith J. A Primer on Scientific and Professional Conferences, Part 2: Guidelines for Successful Proposal Submission and Presentation at a National Conference. Acute Care Perspectives, Volume 17, No 1, May 2008.*

*Crist, T.A., Sorg, M.H., Larocque, R., Crist, MH. Champlain's Cemetery: Skeletal Analysis of the First Acadians, St. Croix Island International Historic Site, Calais, Maine. Prepared for the United States National Park Service, Acadia National Park, Bar Harbor, Maine. 2004.*

### **Publications and Articles Prior to Employment at Utica College**

#### **Book Chapter**

Crist, T.A., Washburn, A., Park, I.B., Hood, I., **Hickey [CRIST], M.** (1996). Cranial bone displacement as a taphonomic process in potential child abuse cases. In M. Sorg and W. Haglund (eds.): *Forensic Taphonomy: The Post-Mortem Fate of Human Remains*, pp. 319-336. CRC Press, Boca Raton.

#### **Technical Report**

Crist, T.A., Pitts, R.H., Washburn, A., McCarthy, J.P., Roberts, D.G., **Hickey [CRIST], M.** (1996). "A Distinct Church of the Lord Jesus": The History, Archaeology, and Physical Anthropology of the Tenth Street First African Baptist Church Cemetery, Philadelphia, Pennsylvania. Submitted to Gaudet & O'Brien/Urban Engineers and the Pennsylvania Department of Transportation. John Milner Associates, Inc., Philadelphia.

## Published Abstracts

**Hickey [CRIST], M.**, Caffrey, S., Hendricks, T., McBride, P., Scalise-Smith, D. (1995). Comparison of Kinematic and Electromyographic Analysis of Sitting Balance in Infants Using Blocked and Variable Practice. International Congress of the World Confederation for Physical Therapy. (Abstract), 12, 116.

## Presentations and Workshops

### *Invited Presentations*

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| “From many bodies posted in this clearing house: anatomical specimens and surgical waste from Philadelphia’s two almshouse burial grounds”, presented at the Program of the Seventy-Sixth Annual Meeting of the American Association of Physical Anthropologists, Philadelphia, Pennsylvania.                                   | March 2007    |
| “Differential Diagnosis and Physical Therapy Management of Peripheral Vascular Disease; Principles of Primary, Secondary, and Tertiary Prevention,” a one day pre-conference course to be taught at the Combined Sections Meeting of the American Physical Therapy Association, New Orleans, LA [ <b>cancelled by section</b> ] | February 2005 |
| “Bioarchaeology at St. Croix Island: The Skeletons of New France’s First Colonists.” T.A. Crist and <b>M.H. Crist</b> . 37th Annual Society for Historical Archaeology Conference on Historical and Underwater Archaeology, St. Louis, MO.  | January 2004  |
| “Evidence Based Practice in Acute Care: A Look at the Practice Patterns” Combined Sections Meeting of the American Physical Therapy Association, Tampa, FL  | February 2003 |
| “Acute Care Management of the Trauma Patient” Special Topics for the Physical Therapist Widener University, Chester, PA   | March 2001    |
| “Acute Care Practice in Today’s Healthcare Market” Fall Meeting – Maryland State Chapter of the American Physical Therapy Association, Annapolis, MD  | November 2000 |
| “Entry Level Preparation for Acute Care Practice” American Physical Therapy Association Combined Sections Meeting, Seattle, WA  | February 1999 |

### Poster Presentations

Unusual Surgical Procedures: Forensic and Anthropological Applications. Crist, T.A. Crist, A. Washburn, G. McDonald, and **M.A. Hickey [CRIST]**. 49th Annual Meeting of the American Academy of Forensic Sciences, New York, NY, 1997.

Comparison of Kinematic and Electromyographic Analysis of Sitting Balance in Infants Using Blocked and Variable Practice. **M.A. Hickey [CRIST]**, D. Scalise-Smith. World Confederation for Physical Therapy Congress, Washington DC, 1994.

## **Service to the Physical Therapy Program, Utica College and the Profession**

### **Program**

Curriculum Committee Chair	2002-present
Module IV Leader	2002-2006
Module II Leader	Spring 2002

The modified problem-based learning nature of our curriculum requires a good deal of curricular oversight and care. In addition, the curriculum must reflect current best clinical practice across all domains. To that end, module leaders have been established to provide leadership and content expertise to the major curricular segments within the professional program. This role involves regular communication with other Program faculty directly involved in teaching of the module, and regular discussions regarding areas of strength and challenges encountered during the semester in which the module is taught. In addition, regular discussion with other module leaders is essential to ensure seamless transition between academic semesters as well as maintenance of the fundamental transcurricular threads and themes that have been established.

In addition to module leadership, I have served as the chairperson of the overall curriculum committee since 2002. It has been a challenge for to meet the needs of this position consistently.

### **Utica College**

Academic Technology Committee, Co-Chair	2002-2004
Faculty Resources Committee	2004-present
FRC Chairperson	2006-2007
Search Committees	
Science Librarian	
ECM faculty X 2	
Secretary III, GES office	
Instructional Technologist	
Assistant Professor of Occupational Therapy	
Chair, new program in Healthcare Administration	
Committee on Distance Learning	2006-present

### **Profession**

American Physical Therapy Association	1990-present
Annual Conference Program Subcommittee	1999-present
Chairperson of Section Program Chairs	2003-2006
Acute Care Section Member	1993-present
Competency Task Force	2001-present
Educational program Chair	2000-2006 1996-1998
Education Committee	1996-present
Board of Directors	2000-present 1996-1998

## **Section on Education Member**

**2000-present**

In 2006, I stepped down as the Educational Program Chairperson for one of 19 American Physical Therapy Association specialty sections, a position that I have held for the last ten years. This position was an appointed one. In this position, I was responsible for identifying educational programming initiatives that would meet the needs of members of the section, recruit speakers with research and content expertise of interest to the membership, recruit and mentor up-and-coming speakers, and work with APTA staff in managing all aspects of 2 national professional educational conferences per year. It was a year round job that required a fair amount of planning, organization, and networking skills. It gave me, and by extension, Utica College, national professional exposure on a regular basis. I also serve in a similar capacity as a consultant to the APTA's Annual Scientific Meetings and Exposition, and will retain that responsibility.

In addition to my service as education committee chairperson, I have been actively involved in the competency task force initiatives of the Acute Care Section. I am on a 7 member panel that just recently (August 2007) completed a first draft of our Description of Specialty Practice. This panel is committed itself to a 2 year process, in which we will produce a full analysis of practice, and provide the section with recommendations on whether or not to pursue board certification as a clinical specialty.

## **New York State Physical Therapy Association**

### **State of New York Practice Committee**

**2005-present**

#### **Chairperson – Appointed by BOD**

**2007**

The purpose of the Practice Committee is to describe and analyze the practice and delivery of physical therapy in the State of New York; to be responsive to charges from the Board of Directors and/or the Executive Committee regarding the Chapter's plans, guidelines, policies and other documents that relate to physical therapy practice, including Quality Assurance, Peer Review, identifying educational needs relating to practice and updating appropriate manuals; to identify and be a resource for data and information required by staff to respond to external organizations or other Chapter committees; to respond to the Executive Committee and/or Board of Directors' charges that attempt to promote professional values and optimize physical therapy practice under current and future health care models.

It is accountable to the Board of Directors, and consists of a chairperson and three members. The vice president is an ex-officio member. In addition to being a member in good standing of the New York Physical Therapy Association, Practice Committee members must also have a general working knowledge of issues of practice in New York state and previous participation in Chapter and/or District activities.

### **Central New York Physical Therapy Association**

#### **District Treasurer**

**2006-present**

Elected into office in 2006. The treasurer is responsible for maintaining the district finances, reporting to the State Chapter on a monthly basis, and tracking expenses. In addition, the treasurer makes recommendations to both the district and chapter level leadership regarding the use of funds to enhance the benefits of membership, educate the community, and/or improve the delivery of practice.

Delegate Assembly - 2008

The Delegate Assembly is the highest deliberative body of the NYPTA. Join the selected delegates at this caucus for the discussion relating to the Chapter and Association motions. This is an opportunity to receive the latest information that will be formally voted on in the Delegate Assembly.

## **Service to the Greater Community**

### **State of New York**

#### **Surrogate Decision Making Panel Member**

2004-present

**SDMC**, which is administered by the [Commission on Quality of Care for the Mentally Disabled](#), is a volunteer-based, cost-effective alternative to the court system for obtaining consent for major medical treatment for persons with mental disabilities who lack the capacity to make their own treatment decisions and have no legally authorized and willing surrogate to make the decision on their behalf. Decisions are made by specially trained four-person panels of volunteers, with each panel including a medical professional, a family member, an attorney and an individual with interest or expertise in the care and treatment of individuals with mental disabilities.

Originally established in 1985, SDMC operated in only a limited number of counties until 1998, when [Governor George E. Pataki](#) proposed and the Legislature appropriated sufficient funds to allow the program to expand incrementally in different regions of the state to achieve the Governor's goal of statewide implementation. The final phase of implementation is in Western New York effective June 1, 2001.

SDMC exercises its functions through volunteers. From the list of over 800 volunteers statewide, four person panels are convened within a region on an as-needed basis to provide consent or refusal of non-emergency medical care and treatment.

Previous to SDMC, invasive medical treatment decisions were subject to a court review which was time-consuming and costly and often delayed treatment, causing pain, discomfort or deterioration of the resident's medical condition.

## **Local community**

<b>Kuyahoorra Yacht Club – Board of Directors</b>	<b>2006-present</b>
<b>Trenton Falls Association</b>	<b>2001-present</b>
<b>Caring for the Community Courses</b>	<b>2004-present</b>

In 2004, the current program director and I conducted the groundwork for the development of a collaborative agreement with the Corn Hill Senior Center on James Street (now a merged program at the Parkway Recreation Center) in Utica, New York. This population of seniors was identified as one which was at risk from the standpoint of overall health and wellness, and one which was likely to have problems with access to regular medical care and services for prevention and management of the co-morbidities that are typical for an elderly population. Since developing this collaborative agreement, our students have been visiting the site on a weekly basis, providing screening, education, and selected interventions for the clients at the center. This activity has been embedded within the curriculum, and also involves the mentoring of students who are at the beginning of the curriculum by those who are further along. There exist ample opportunities for continued growth here, as well as increased participation by other disciplines. Since beginning this project in 2004, several other faculty members have become equally involved in the process of making this unique teaching and community service opportunity a reality. To that end, several of us were awarded a UC Summer Grant in 2006. We shall continue to aggressively pursue funding for this operation.

<b>Mohawk Valley Heart Association Activity</b>	<b>2002-2004</b>
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I coordinated a community education booth at the Heart Run Expo hosted by Utica College for two years. This project has been embedded into the critical inquiry curriculum for our Module IV students, who were in the Cardiovascular and Pulmonary content area of the curriculum at the time of the event. The students were charged with producing evidence-based, publication quality brochures on various topics related to cardiovascular and pulmonary health, and were obligated to spend 2-4 hours each at the Expo interacting with and providing education to the public. This was seen as a very successful learning experience for the students, and the Utica College Physical Therapy Program was well represented to the public. Due to curricular changes, this project went on hiatus for one year, but has since returned under the guidance of new program faculty.

## **Honors and Awards**

<b>James Dunleavy Distinguished Service Award</b>	<b>awarded 2/2008</b>
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I have been selected to receive the above award at our nationally attended Combined Sections Meeting this February. “The purpose of this award is to acknowledge and honor an outstanding Acute Care Section Member whose contributions to the Section have been of exceptional value.”

<b>Clyde-Savannah Central School Sports Hall of Fame</b>	<b>inducted April 2008</b>
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The Clyde-Savannah Central School Sports Hall of fame was “established in 2001 in order to preserve our illustrious past and honor individuals and teams for outstanding contributions or performance or coaching”.

The 1984 Girls Basketball Team of which I was a member was the first (and only, until 2 years ago) team from Wayne County New York to win Section V and advance to the quarterfinals of the NYPHSAA Tournament. I Earned 14 Varsity Letters in 4 sports during high-school career. In addition, was selected to the Section V All-Star Team twice for varsity softball and twice for varsity tennis.