

Douglas J. Mattson, PT, DPT, EdD, SCS
Assistant Professor
Coordinator, Entry-level Doctor of Physical Therapy Program
MGH Institute of Health Professions
Charlestown Navy Yard
36 1st Avenue
Boston, MA 02129

CURRICULUM VITAE

Education

MGH Institute of Health Professions
Boston, Massachusetts
Doctor of Physical Therapy 2007

Liberty University
Lynchburg, Virginia
Doctor of Education 2006

Duke University
Durham, North Carolina
Physical Therapy
Master of Science 1977

State College of New York
Oneonta, New York
General Studies
Bachelor of Arts 1974

Current Faculty Positions

Assistant Professor

Entry-level Doctor of Physical Therapy and Post Professional Programs
Massachusetts General Hospital (MGH) Institute of Health Professions
Boston, Massachusetts
2008-present

| Course | Year |
|---|------------|
| PH 621 Principles of Pharmacology | 2008, 2009 |
| PT 865 Concepts of Neuromusculoskeletal Dysfunction | 2008, 2009 |
| PT 792 Health Promotion Project | 2008, 2009 |
| PT 671 Musculoskeletal I; Extremities | 2009, 2010 |
| PT 750 Diagnostic Imaging | 2009 |
| PT 773 Advanced Therapeutic Exercise | 2009, 2010 |

Administrative Responsibilities

Entry-level Doctor of Physical Therapy Program Coordinator 2009-
Orthopedic Preceptors Coordinator 2008-2009

Past Faculty Positions

Adjunct Professor; Distance Learning
School of Education
Liberty University
Lynchburg, Virginia
2008-2009

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|---|-----------|
| Course | |
| EDUC 604 History of Education Distance Learning | 2008-2009 |

Adjunct Professor; Distance Learning
Doctor of Physical Therapy Program
Massachusetts General Hospital Institute of Health Professions
Boston, Massachusetts
2007-2008

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|-----------|--|--------|
| PH 621 DL | Essentials of Pharmacology; Distance Learning; Post Professional Doctoral Program; one credit | S 2008 |
| PH 621 DL | Essentials of Pharmacology; Distance Learning; Entry-Level Doctoral Program; one credit | F 2007 |
| PT 865 DL | Concepts of Neuromusculoskeletal Dysfunction; Distance Learning, Co-instructor; Post Professional Program; three credits | F2007 |

Assistant Professor
Doctor of Physical Therapy Program
Massachusetts General Hospital Institute of Health Professions
Boston, Massachusetts
2006-2007

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|--------|---|-------------|
| PT 640 | Clinical Pathophysiology; Entry-Level Doctoral Program; three credits | F 2006 |
| PT 670 | Fundamentals of Physical Therapy Practice; team teaching; Entry-Level Doctoral Program; three credits | F 2006 |
| PT 791 | Health Promotion Project: Service, Preventive Health, Research; Design and Proposal Phase; Entry-Level Doctoral Program; one credit | F 2006 |
| PT 792 | Health Promotion Project: Service, Preventive Health, Research; Data Collection Phase; one credit | S 2007 |
| PT 793 | Health Promotion Project: Service, Preventive Health, Research; Data Analysis and Presentation Phase; one credit | Summer 2007 |
| PT 621 | Essentials of Pharmacology; Distance Learning; Post Professional Doctoral Program; one credit | S 2007 |
| PT 741 | Principles of Evidence Based Practice, Distance Learning; Post Professional Doctoral Program; Co-instructor; three credits | S2007 |

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|--------|---|-------------|
| PT 772 | Special Topics: Physical Therapist Practice in a Sports Medicine Environment; Entry-Level Doctoral Program; | Summer 2007 |
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Assistant Professor
Physical Therapy Program
Utica College
Utica, New York
1999-2004

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|---------|-----------------------------|--------------------------------|
| HLS 445 | Clinical Research | S 2000, 2001, 2002 |
| PHT 511 | Case Based Discussion I | F 1999, 2000, 2001, 2002, 2003 |
| PHT 512 | Clinical Laboratory I | F 2000, 2001, 2002, 2003 |
| PHT 513 | Critical Inquiry Seminar I | F 2002 |
| PHT 523 | Critical Inquiry Seminar II | S 2002, S 2003 |
| PHT 531 | Case Based Discussion III | U 2000, 2001 |
| PHT 532 | Clinical Laboratory III | U 2000, 2001 |
| PHT 611 | Case Based Discussion IV | S 2004 |
| PHT 612 | Clinical Laboratory IV | S 2003, 2004 |
| PHT 613 | Critical Inquiry Seminar IV | S 2003 |
| PHT 623 | Critical Inquiry Seminar V | S 2001, 2002 |
| PHT 635 | Research Project | U 2001, 2002 |
| PHT 615 | Research I | S 2003, 2004 |
| PHT 625 | Research II | F 2003 |

Assistant Professor
Physical Therapy Program
Utica College
Utica, New York
Half-Time
1998-1999

Adjunct Professor
Biology, Occupational Therapy, and Physical Therapy
Utica College
Utica, New York
1985-1997

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|---------|--|------|
| PHT 416 | Orthopedic Physical Therapy II (Lecture/Lab) | 1997 |
| PHT 318 | Orthopedic Physical Therapy I (Lecture/Lab) | 1997 |
| PHT 317 | Physical Therapy Evaluative Procedures (Lecture/Lab) | 1996 |
| OCT 281 | Kinesiology (Lecture/Lab) | 1992 |
| BIO 201 | Anatomy of the Extremities (Lab) | 1992 |
| BIO 201 | Anatomy of the Extremities (Lab) | 1991 |
| BIO 201 | Anatomy of the Extremities (Lecture/Lab) | 1985 |

Clinical Practice

| | | |
|---------------|---|-----------------------------|
| 4-09- present | Volunteer Physical Therapist Practice; Boston Rescue Mission | Boston, MA |
| 11/06 to 5/08 | Private Practice Outpatient and House Calls | New Hartford, NY |
| 5/04 to 10/06 | Private Practice Outpatient and House Calls | Utica, NY |
| 8/00 to 4/04 | Consulting; College and Utilization Boards | Utica, NY |
| 1979 to 2000 | Private Practice Outpatient and House Calls | Utica, NY |
| 1977 to 1979 | Acute Care Inpatient | New Hartford, NY |
| 1995 to 2000 | Hospice Care House Calls | Oneida and Madison Counties |

Licensure Information/Registration Number

License # New York: 5316; Massachusetts: 17812

Board-Certified Clinical Specialization

Board-Certified Clinical Specialist
Sports Certified Specialist
Certification Number: 275
1991-2001

Re-certification (10 years)
Board-Certified Clinical Specialist; Sports
2001-2011

Publications (peer reviewed)***Manuscripts***

(1) Caputo, P., Mattson, D.J. (March, 2005).

Recreational ice hockey injuries in adult non-checking leagues: A United States perspective. *Journal of Sports Sciences and Medicine*, volume 4, 58-65. <http://www.jssm.org>.

(2) Rowe, J., Shafer, L., Kelley, K., West, N., Dunning, T., Smith, R., Mattson, D.J. (2007). Hip strength and knee pain in females. *North American Journal of Sports Physical Therapy*, 2, 164-69.

(3) Mattson, D.J., Holland, C., Parker, K. (2007). Learning Style Diversity in Post-Secondary Distance Education. *Christian Perspectives in Education*, 1(2).

Abstracts in the conference proceedings:

(1) *Facilitator Behavior in Problem-Based Learning.*

Role: Co-author (Gelsomino, McVay) in the project on conception, development, and interpretation but not presentation.

Proceeding of PBL 2000, International Conference on Problem-Based Learning in Undergraduate and Professional Education

Poster Presentation

Birmingham, Alabama
October 2000

(2) A-B Single Subject Study of the Effects of a Comprehensive Rehabilitation Program for a Patient with Lateral Patellar Mal-tracking

Role: Research advisor (Boyanski, Choi, Harrington, and Patterson) and participant in the project from conception, development, and interpretation to presentation.

Proceeding of the American Physical Therapy Association Annual Meeting

Poster Presentation

Cincinnati, Ohio

June 2002

(3) The Relationship between Soft Tissue and Structural Findings at the Patellofemoral Joint in an Adolescent Female Population

Role: Research advisor (Branck, McSweeney, Paone, and Randall) and participant in the project from conception, development, and interpretation to presentation.

Proceedings of the American Physical Therapy Association Combined Sections Meeting

Poster Presentation

Tampa, Florida

February 2003

(4) Opportunity Model of Collaboration: A Student Team Project

Mattson, D.J. and Townsend, S.C.

Proceedings of the Association of Schools and Allied Health Programs Annual Conference

Role: Co-author from conception, development, and interpretation to presentation

Poster Presentation

Toronto, Canada

October 2003

(5) Effect of Impairment-based Intervention on Sub-Acute Patellar Pain: Single-Subject Design with Replication

Boyanski, B., Choi, M., Harrington, R., Patterson, D., and

Mattson, D.J.

Proceeding of the Combined Sections Meetings of the American Physical Therapy Association Annual Conference

Role: Principle author and presenter

Nashville, Tennessee

Poster Presentation

February 2004

(6) The Epidemiology of Adult Recreational Ice Hockey Injuries: An American Perspective

Caputo, L. and Mattson, D.J.

Proceedings of the Combined Sections Meetings of the American Physical Therapy Association Annual Conference

Role: Co-author and sole presenter

Nashville, Tennessee

Poster Presentation

February 2004

(7) The Relationship between Hip Strength and Knee Pain in a Young Adult Female Population

Dunning, T., Rowe, J., Shafer, L., Smith, R., Voelker, K., West, N., and Mattson, D.J.
Proceedings of the Combined Sections Meetings of the American Physical Therapy Association Annual Conference
Poster Presentation
New Orleans, La.
February 2005

Role: Research advisor and participant in the project from conception, development, and interpretation to development of presentation.

Clinical Care Algorithms

(8) *Clinical Care Algorithm: Management of Patients with Patellofemoral Dysfunction*

Electronic Publication; United Health Care
Role: Principal Author
Winter 2004

(9) *Clinical Care Algorithm: Management of Patients with Shoulder Impingement*

Electronic Publication; United Health Care
Role: Principal Author
Winter, 2004

Book Reviews (peer reviewed)

(1) Journal of Orthopedic and Sports Physical Therapy

Callaway, P.S. (1994). Body Balance for Performance. Bensenville, Ill.: Fairchild Printing
Role: Sole author

(2) Journal of Orthopedic and Sports Physical Therapy

Packer, T., Brink, N. Sauriol, A. (1995). Managing Fatigue. Tucson: Therapy Skill Builders.
Role: Sole author

Invited Presentations

(1) *Physical Therapy for Shoulder Impairment*

Role: Principle author and sole presenter
Central New York District Meeting, 1996
Utica, New York

(2) *Teaching Evidence-based Practice*

Role: Principle author and sole presentation on topic of integrating Evidence into the Curriculum; a collaborative effort with three other faculty (Franits, Marr, and Scalise-Smith) to help develop the three-hour workshop.
Utica College Faculty, 2001
Utica, New York

(3) Clinical Research in an Educational Setting

Role: Principle author and sole presenter

Health and Human Studies Research Colloquium, 2002

Utica College

Utica, New York

(4) Case-Based Discussion: Teaching in a Problem-Based Learning Curriculum

Role: Principle author and sole presenter for this topic

Utica College Teaching Day, 2002

(5) Evidence for Patient Management of Patellofemoral Dysfunction

Role: Principle author and sole presenter for individual topic and collaborator with attending Orthopedic Surgeon for the conference.

Bone and Joint Center, 2002

Albany, New York

(6) Teaching Case-Based Discussion: The Evidence for Practice

Role: Principal author and sole presenter

Occupational Therapy Faculty

Utica College, 2002

Utica, New York

(7) P.T. or not P.T? What is the Evidence?

Role: Principal Author and sole presenter

Central New York Academy of Medicine

April 21, 2005

Whitesboro, New York

(8) Best (Physical Therapist) Practice for Geriatric

Patient Care: Selected Case Studies

Role: Principal Author and sole presenter

Central New York Academy of Medicine

November 17, 2005

Whitesboro, New York

Workshops

(1) Physical Therapy Management of Patients with Shoulder Dysfunction

Presenter: Terry Malone

Role: Organizer and Moderator

Utica College Conference for Physical Therapists and Physicians

October 1999

Utica, New York

(2) Gross Anatomy for Clinicians

Role: Co-Presenter with Tom Crist, Ph.D

Central New York Orthopedic Study Group, 2002

Utica, New York

Platform Presentations

(1) *Patient Outcome Research: A Descriptive Study of Functional Outcomes Using a Classification System and Activity Index*

Role: Principal author and presenter

New York State Physical Therapy Association Annual Conference

Buffalo, New York

October 1993.

(2) *Physical Therapy for a Patient with Atraumatic Glenohumeral Instability in the Acute/Sub-Acute Phases: Single-Subject Study*

Role: Research Advisor (Burth, Yash) and participant in the project on conception, development, and interpretation

Central New York Physical Therapy Association District Meeting

Syracuse, New York

December 2000

Works in Progress

(1) *Use of a Decision Making Framework in a Classroom Setting* (manuscript phase)

(2) *Impact of Cultural Diversity on Learning in a Graduate Physical Therapy School Environment* (Data Collection phase)

(3) *Physical Therapist Practice in an Underserved Environment* (Data Analysis phase)

(4) *Impact of Student Sex and Age on Learning Style in a Graduate School Environment* (Manuscript phase)

(5) *Relationship between Body Functions and Structures Level Findings, Diagnostic Imaging, and Intervention in a Patient with Post Traumatic Elbow Fracture* (Manuscript phase)

(6) *Decision Making in a Simulated Environment* (Design phase)

(7) *Decision Making in an Immersive Education Environment* (Design phase)

Grant Activity

(1) USDHHS-HRSA Allied Health Grant Program

Rockville, MD.

2000

The Integration of Aging into Utica College's Health Disciplines (\$299,926.00)

Co-Investigator.

Principal Investigator: Ronald Lucchino, PhD

(Approved, not funded)

(2) Utica College Summer Research Grant

Utica, New York

2000

"A Method to Quantify Facilitator Behavior in a Problem-Based Learning Curriculum"

(\$2000.00)

Co-Investigator (Gelsomino, McVay)

Approved and Funded

(3) Utica College Small Grant

Utica, New York

2001

Enhanced HLS 445 Instruction Materials (\$200.00)

Co-teachers (Hollins, Maroney, Marr)
Approved and Funded

- (4) Hay Resources Direct
Boston, Massachusetts
2005
Liberty University Dissertation
Learning Style Inventory Online (\$1,800.00 in value)

Membership in Scientific/Professional Organizations

American Physical Therapy Association 1977-2008
Sections: Orthopedics, Sports, and Education

New York Physical Therapy Association 1977-2008

Central New York District Executive Board: 1996-2003

Positions Held in Scientific/Professional/Honorary Societies

Federation of State Boards of Physical Therapy
Item Writer
2001-2002
2003-2005

Item Writer Coordinator
2006-

Chair Item Writer Coordinators Committee
2008-

Specialization Academy of Content Experts
Item Writer
1992-1994
2002-2003

Consultative and Advisory Positions Held

New York State Physical Therapy Association
Legislative Liaison
Albany, New York
1996-2003

Advisory Board, Physical Therapy Program
Utica College
Utica, New York
1992-1999

Federal Government Affairs Forum
 Key Contact
 Washington, D.C.
 2002

Consultant, Peer Review; Appeals Committee
 United Health Care
 1995-2008

Blue Cross/Blue Shield
 1997-2000; 2004-2005

Service to the Academy

| Utica College | |
|--|------------------------------|
| Curriculum Writing Master's Degree; significant contribution to the curricular framework (using the Patient/Client Management Model as the center of the curriculum) <ul style="list-style-type: none"> Master's Degree; (major contribution as part of core faculty to second self-study in three years) | 1999, 2002 |
| Unit Leader | 1999, 2000, 2001, 2002, 2003 |
| Search Committee Physical Therapy Program | 2000 |
| Search Committee Occupational Therapy Program | 1999 |
| Coordinator of Health Studies Major | 1999-2002 |
| Research Colloquium Committee | 2001-2004 |
| All-College Period Panelist Academic Integrity | 1999 |
| Key Faculty Career Services Committee | 1999 |
| Search Committee Public Relations Program | 2002 |
| Utica College Christian Fellowship; Faculty Mentor | 1999-2004 |
| Academic Standards Committee <ul style="list-style-type: none"> Chair | 2000-2002 2001-2002 |
| Academic Affairs Committee Board of Trustees | 2000-2002 |
| New Faculty Orientation | 2000 |
| College Holiday Dinner Fundraiser | 2000-2003 |
| Science and Technology Building Planning Committee | 2000-2003 |
| Faculty/Staff Prayer | 2001-2003 |
| Resource Center for Independent Living Disability Institute/Utica College Consortium Member | 2001-2003 |
| MGH Institute of Health Professions | |
| Academic Resources Committee | 2006-2007 |
| Rank and Promotion Committee | 2008- |
| Simulation Operations Committee | 2009- |
| Center for Health Promotion Advisory Board | 2009- |
| Clinical Decision Making Task Force | 2008- |
| Curriculum Committee; Physical Therapy Program | 2008- |
| Desire2Learn Team Trainer | 2009- |

Service to the Community

| Service | Year(s) |
|---|---------------|
| Diversity 2000 Scholarship Event New York Physical Therapy Association | 2001 |
| Pastoral Ministry Pinefield Psychiatric Center for Adolescents | 2001 |
| Resurrection Assembly of God: Usher, Small Group Ministry Leader, Men's fellowship, New Building Committee, Chair | 2000-2003 |
| Adirondack Mountain Association Wilderness Preservation | 1999-2002 |
| APTA Combined Section Meetings Moderator, Platform Presentation Session | 2001 |
| NYPTA Annual Conference Volunteer | 2001 |
| Duke University Alumni Interview Team | 1990-2003 |
| Journal of Sports and Orthopedic Physical Therapy; Manuscript Reviewer | 1992-1998 |
| Cornerstone Community Church: Usher, Finance Team, Greeter | 2003-2004 |
| Mohawk Valley Community Action Agency: Program for youth who have run away and are homeless; Volunteer Host Family | 2004-2005 |
| Utica Grace House Ministry Ex-Offender Community Reentry Program Advisory Board; Community Coordinator | 2004-2005 |
| Clinton United Methodist Church Council Member at Large Administrative Council | 2006 |
| Serenity Village Community for people who are recovering from addiction volunteer worker | 2006 |
| Rescue Mission of Utica; community for people who are homeless volunteer worker | 2006-2008 |
| Rescue Mission of Boston volunteer worker | 2007 2008- |
| Samaritan Ministries Medical Needs Sharing Ministries | 2007- |
| Plymouth Missionary Alliance Church Deacon | 2008 |
| Prison Fellowship Ministry volunteer | 2008 |
| Habitat for Humanity Building Committee | 2008-2009 |
| Roxbury Institute of Technology; Immersive Education Initiative | 2009- |

Honors and Awards

United Way of the Greater Utica Area 2005 Real Hero Award
 Given to the entire group of Volunteer Host Families
 Runaway and Homeless Youth Program

Federation of State Boards of Physical Therapy
 Awarded admission to the Academy of Advanced Item Writers
 Summer 2006

Prison Fellowship Ministry Volunteer In-Prison Certification
 Prison Fellowship
 2008

Continuing Education (AMA/PRA)

| | | | |
|---|----------------------|-----------------|--------------------------------|
| Item Writing and Test Development Workshop for the Advanced Item Writing Workshop Federation of State Boards of Physical Therapy | Alexandria, Virginia | September, 2009 | 1.5 contact hours |
| Campus Technology 2009 Integrating Technology and Learning in Higher Education | Boston, MA | July 2009 | 20.0 class hours |
| Item Writing and Test Development Workshop for the National Physical Therapist Examination; Item Writer Coordinator Federation of State Boards of Physical Therapy | Alexandria, Virginia | July, 2009 | 22.0 contact hours |
| Item Writing and Test Development Workshop for the National Physical Therapist Examination; Item Writer Coordinator Federation of State Boards of Physical Therapy | Alexandria, Virginia | March, 2009 | 22.0 contact hours |
| Performance Assessment in Higher Education; Harvard Graduate School of Education | Cambridge, MA | November, 2008 | |
| Quality Review of Validity and Reliability; National Physical Therapist Examination | Alexandria, Virginia | May, 2008 | 27.0 contact hours |
| Item Writing and Test Development Workshop for the National Physical Therapist Examination; Item Writer Coordinator Federation of State Boards of Physical Therapy | Alexandria, Virginia | March 2008 | 22.0 contact hours |
| Item Bank Review Committee Meeting for the National Physical Therapist Examination | Alexandria, Virginia | January 2008 | 31.0 contact hours |
| Advanced Item Writing Workshop for the National Physical Therapist Examination; Item Writer and Reviewer Federation of State Boards of Physical Therapy | Alexandria, Virginia | January 2008 | 16.0 contact hours |
| Item Writing and Test Development Workshop for the National Physical Therapist Examination; Item Writer Coordinator Federation of State Boards of Physical Therapy | Alexandria, Virginia | September 2007 | 22.0 contact hours |
| Quality Review of Validity and Reliability; National Physical Therapist Examination | Alexandria, Virginia | August, 2007 | 27.0 contact hours |
| Item Writing and Test Development Workshop the National Physical Therapist Examination; Item Writer Coordinator Federation of State Boards of Physical Therapy | Alexandria, Virginia | July 2007 | 22.0 contact hours |
| Item Bank Review Committee Meeting for the National Physical Therapist Examination | Alexandria, Virginia | March 2007 | 31.0 contact hours |
| Item Writing and Test Development Workshop the National Physical Therapist Examination Federation of State Boards of Physical Therapy | Alexandria, Virginia | July 2006 | 22 contact hours |
| Item Bank Review Committee National Physical Therapist Examination Federation of State Boards of Physical Therapy (FSBPT) | Alexandria, Virginia | January 2006 | 31 contact hours |
| Geriatric Teaching Day Central New York Academy of Medicine | Whitesboro, New York | 2005 | 3 hours of category one credit |

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|---|----------------------------|------|---------|
| Current Concepts in Lower Back Pain: An Evidence-Based Approach (Anthony Delitto, Ph.D., P.T., F.A.P.T.A.) | Albany, New York | 2005 | 0.7 CEU |
| Item Writer Advanced Workshop FSBPT | Alexandria, Virginia | 2005 | |
| Item Writer Advanced Workshop FSBPT | Alexandria, Virginia | 2004 | |
| Combined Sections Meetings American Physical Therapy Association | Nashville, Tennessee | 2004 | |
| Items Writer Workshop FSBPT | Alexandria, Virginia | 2003 | |
| Peer (Faculty) Assessment Utica College | Utica, New York | 2003 | |
| Research Conference Hunter College | New York, New York | 2002 | |
| Annual Conference American Physical Therapy Association | Cincinnati, Ohio | 2002 | |
| Federal Government Affairs Forum Access to the Future | Washington, D.C. | 2002 | |
| Combined Sections Meetings American Physical Therapy Association | Boston, Massachusetts | 2002 | |
| Specialization Academy of Content Experts American Physical Therapy Association | Boston, Massachusetts | 2002 | |
| Annual Conference New York Physical Therapy Association | Saratoga Springs, New York | 2001 | |
| Item Writer Workshop FSBPT | Peoria, Illinois | 2001 | |
| Annual Conference American Physical Therapy Association | Anaheim, California | 2001 | |
| Teaching Evidence-Based Practice In a Rehabilitation Profession Curriculum Boston University Summer Institute | Boston, Massachusetts | 2001 | |
| Combine Sections Meeting American Physical Therapy Association | San Antonio, Texas | 2001 | |
| Pre-Conference Combined Sections Meeting First Responder Certification | San Antonio, Texas | 2001 | |
| Examination and Treatment of Patients with Spine and Pelvic Dysfunction Dave McCune | Syracuse New York | 2001 | |
| Grant Writing David Bauer | Utica New York | 2001 | |
| Primary Trait Analysis Effective Grading and Analysis Virginia Johnson Anderson | Utica, New York | 2001 | |
| Annual Conference New York Physical Therapy Association | Melville, New York | 2000 | |
| Combined Sections Meeting American Physical Therapy Association | New Orleans, Louisiana | 2000 | |
| Combined Sections Meeting Pre-Conference | New Orleans, Louisiana | 2000 | |

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|---|--------------------|------|--|
| Role of the Physical Therapist in Primary Care | | | |
| Elements of Authentic Assessment Douglas J. Eder | Utica, New York | 2000 | |