

DAWN T. GULICK, PT, PhD, AT, CSCS
Curriculum Vitae

Widener University
One University Place, Chester, PA 19013
(610) 499 – 1287
dtgulick@widener.edu

EDUCATION:

Temple University, Philadelphia, PA Doctorate of Philosophy in Exercise Physiology	1986 – 1995
Emory University, Atlanta, GA Master of Physical Therapy AMBUCS Scholar	1981 – 1983
Lock Haven University, Lock Haven, PA Bachelor of Science in Athletic Training Phi Kappa Phi Honorary Society Kappa Delta Pi Honorary Society Athletic Scholarship	1977 - 1981

LICENSURE:

Physical Therapy	Pennsylvania PT-001178E	1984 - present
	Direct Access License DAPT-000499	2004 - present
Athletic Training	Pennsylvania RT-000480A	1987-present

CERTIFICATIONS:

Strength & Conditioning Specialist – NSCA 99-07-27-011	1997 - present
American Heart Association CPR Instructor #517	1979 - present

EMPLOYMENT:

Widener University, Chester, PA Professor	2008-present
Associate Professor	2002-2008
Assistant Professor	1996-2002
Therapeutic Articulations, LLC, Spring City, PA Owner – Development of educational resources	2010-present
AquaSport Physical Therapy, P.C., Audubon, Pughtown, & Zieglerville, PA Vice President - Administrator & clinician for outpatient physical therapy & athletic training services	1996-2007
Temple University, Philadelphia, PA Adjunct Faculty – Graduate School of Athletic Training	1990-1995

Advanced Care Therapeutics, P.C., Schwenksville, PA Owner/Partner – outpatient physical therapy clinic	1990-1995
Norristown Sports Medicine Center, Norristown, PA Physical Therapy Department Chairperson Athletic Trainer – Bishop Kendrick High School	1987-1990
Bryn Mawr Rehabilitation Hospital, Malvern, PA Orthopedic Physical Therapy Coordinator Sports Medicine Program Director	1984-1987
Medical Fitness Institute, Feasterville, PA Staff Athletic Trainer & Physical Therapist	1981-1985

PATENTS & TRADEMARKS:

Gulick D.T. Mobil-Aider™ – Quantification of Joint Mobilization Techniques
Provisional Patent Application # 504177253; Filed Jan 13, 2017

Gulick, D.T., DBA Therapeutic Articulations LLC – U.S. Trademark Registration #4,681,741
for iOrtho+ (Mobile Application) on Feb 3, 2015

Gulick D.T. Mobil-Aider™ – Glove for Sensing Displacement during Joint Mobilization
Procedure and Method for using such a Glove
Provisional Patent Application # 62/087,554; Filed Dec 4, 2014

PEER REVIEWED PUBLICATIONS:

Gulick, D.T., OrthoNotes, 4th edition, F. A. Davis Co., Philadelphia, PA., January 2018

Gulick, D.T. Instrument-Assisted Soft Tissue Mobilization Increases Myofascial Trigger Point Pain
Threshold. Journal of Body Work & Movement Therapies. Oct 2017
[http://www.bodyworkmovementtherapies.com/article/S1360-8592\(17\)30317-0/fulltext](http://www.bodyworkmovementtherapies.com/article/S1360-8592(17)30317-0/fulltext)

Wellmon, R.H., Gulick, D.T., Paterson, M.L., Gulick, C.N. Validity & Reliability of Two
Goniometric Mobile Apps: Device, Application, & Examiner Factors. Journal of Sport Rehabilitation.
2016 Dec: 25(4):371-379 <http://journals.humankinetics.com/jsr-in-press/jsr-in-press/validity-and-reliability-of-two-goniometric-mobile-apps-device-application-and-examiner-factors>; Issue 1, 2017

Gulick, D.T. Evidence-based Interventions for Myofascial Trigger Points. Physical Medicine &
Rehabilitation Research. July 2016 https://oatext.com/Physical-Medicine-and-Rehabilitation-Research-PMRR.php#Current_Issue

Gulick C.N., Gulick, D.T. Use of Dynamic Tape® for Upper Extremity Support. Journal of
Orthopaedic Physical Therapy Practice. April 2016

Gulick, D.T., Paterson, M. Kinesiology in Action. F.A. Davis Publishing. Online Kinesiology
Resources for Educators. Spring 2016

- Gulick, D.T., Fagnani, J., Gulick, C.N. Comparison of Muscle Activation of Hip Belt Squat & Barbell Back Squat Techniques. *Isokinetics & Exercise Science*. June 2015;23(2):101-108
<http://content.iospress.com/articles/isokinetics-and-exercise-science/ies570>
- Gulick, D.T., Cain, J., Cheney, S., DeMarino, D., Ettaro, M., Green, H., Keelan, C., Varghese, J. Effects of Kinesio Tex Taping on Discomfort Associated with Myofascial Trigger Points. *Orthopaedic Physical Therapy Practice*. 2015;27(1):32-36
- Gulick, D.T. Influence of Instrument Assisted Soft Tissue Treatment Techniques on Myofascial Trigger Points. *Journal of Body Work & Movement Therapies*. ePub March 1, 2014; Oct 2014; 18(4):602-607
- Gulick, D.T., *OrthoNotes*, 3rd edition, F. A. Davis Co., Philadelphia, PA., May 2013
- Gulick, D.T. Clam Shells: A Unique Progression for Hip External Rotation Muscle Strengthening, *Orthopedic Physical Therapy Practice*. Dec 2011
- Gulick, D.T., Malone, L.A. Development of a Field Test for Measuring Aerobic Capacity in Paralympic Goalball Athletes. *International Journal of Athletic Therapy & Training*. Sept 2011
- Gulick, D.T., Castel, J.C., Palermo, F., Draper, D. Effect of Patterned Electrical Neuromuscular Stimulation on Vertical Jump in Collegiate Athletes, *Journal of Sport Health*. March 2011
- Gulick, D.T., Palombaro, K., Latttanzi, J.B. Effect of Ischemic Pressure using a Backnobber II Device on Discomfort Associated with Myofascial Trigger Points. *Journal of Body Work & Movement Therapies*. Aug 2010 epub, July 2011; 15:319–325.
- Gulick, D.T. Cardiopulmonary Effects of Aquatic Rehabilitation in the Geriatric Population. *Topic in Geriatric Rehab*, June 2010.
- Gulick, D.T., Comparison of Tissue Heating between Manual & Hands-free Ultrasound Techniques (3-MHz), *Physiotherapy Theory & Practice*, Feb 2010;26(2):100-106.
- Wise, C.H, Gulick, D.T., *Mobilization Notes*, F.A. Davis Co., Philadelphia, PA, Oct 2009.
- Gulick, D.T., Comparison of Tissue Heating between Manual & Hands-free Ultrasound Techniques Using a 1-MHz Frequency, *Orthopedic Physical Therapy Practice*, Oct 2009;21(4): 135-139.
- Gulick, D.T., *OrthoNotes*, 2nd edition, F. A. Davis Co., Philadelphia, PA., July 2009.
- Gulick, D.T. Physiological Response to Immersion & Water Exercise (Chapter 4). In: *Aquatics* by Thein-Brody L. & Geigle P., July 2009.
- Gulick, D.T. Cardiorespiratory Training (Chapter 11). In: *Aquatics* by Thein-Brody L. & Geigle P., July 2009.

Gulick, D.T., Fagnani, J., Long, M., Morris, K., Hartzell, B., Epler, M. Parameters that Influence Vertical Jump. Sports Journal, United States Sports Academy, Aug 2008;11(3)
<http://www.thesportjournal.org/article/parameters-influence-vertical-jump-height>)

Gulick, D.T., Sport Notes, F. A. Davis Co., Philadelphia, PA., March 2008

Gulick, D.T., Ultrasound (Book Chapter) Skeletal Muscle Damage & Repair, edited by Peter M. Tiidus, Human Kinetics, Champaign, IL Feb 2008

Gulick, D.T., Libert, C., O'Melia, M., Taylor, L. Comparison of Aquatic & Land Plyometric Training on Strength, Power, & Agility. Journal of Aquatic Physical Therapy, Spring 2007;15(1):11-18.

Gulick, D.T., Nevulis, J.J., Fagnani, J., Long, M., Morris, K., Ultrasound Treatment may not be a Contraindication for Joint Arthroplasty, Orthopedic Physical Therapy Practice, Dec 2006;18(4):20-22.

Gulick, D.T., Berge, B., Borger, A., Edwards, J., Rigterink, J., Quad Rugby: A Strength & Conditioning Program for the Elite Athlete, Strength & Conditioning Journal, Aug 2006;28(4): 10-18.

Gulick, D.T., Berge, B., LaRue, B., Exploration of the KT1000 as a Tool to Assess Dynamic Anterior Tibial Translation, Athletic Therapy Today, July 2006;11(4):46-48

Gulick, D.T., Screening Notes, F. A. Davis Co., Philadelphia, PA., June 2006. Also in PDA format.

Gulick, D.T., Ingram, N., Krammes, T., Wilds, C. Comparison of Tissue Heating Using 3 MHz Ultrasound with T-Prep ® Versus Aquasonic ® Gel, Physical Therapy in Sport, Aug 2005;6:131-136.

Gulick, D.T., OrthoNotes, F. A. Davis Co., Philadelphia, PA., April 2005. Also released in PDA format & translated into Chinese, Italian, Portuguese, Korean, Greek.

Gulick, D.T., Geigle, P., Exploration of a Variation of the Bottle Buoyancy Technique for the Assessment of Body Composition, Journal of Strength & Conditioning Research, May 2003;17(2):245-249.

Gulick, D.T., Yoder, H.N., Anterior Cruciate Ligament Reconstruction: Clinical Outcomes of Patella Tendon & Hamstring Tendon Grafts, Journal of Sports Science & Medicine, Sept 2002;3:63-71.

Gulick, D.T., Charles, T., Morton's Neuroma, Athletic Therapy Today, Jan 2002;7(1):39-42

Gulick, D.T., Dustman, C.S., Ossowski, L.L., Outslay, M.D., Thomas, C.P., Trucano, S., Side Dominance does not Affect Dynamic Control Strength Ratios in the Shoulder, Isokinetics & Exercise Science, 2001;9(2):79-84.

Geigle, P., Gulick, D.T., Teaching Critical Thinking, Case Reports in Physical Therapy, Nov 2000;3(6):295-298.

Gulick, D.T., Bouton, K., Detering, K., Racioppi, E., Shafferman, M., Effects of Acetic Acid Iontophoresis on Heel Spur Reabsorption, Case Reports in Physical Therapy, March/April 2000;3(2)1-7.

Gulick, D.T., Chiappa, J.J., Crowley, K.R., Schade, M.E., Wescott, S.R., WIMPI Equation: A Model to Predict an Isotonic One-Repetition Maximum for Knee Extension Utilizing an Isokinetic Dynamometer, *Isokinetics & Exercise Science*, 1999;7(4):145-149.

Racioppi, E., Gulick, D.T., Differential Diagnosis of Iliotibial Band Friction Syndrome, *Athletic Therapy Today*, Sept 1999;4(5):9-10.

Gulick, D.T., Body Composition Assessment, *Aquatic Journal*, Spring 1999;7(1):19-21

Kimura, I.F., Gulick, D.T., Lukiasawicz, W., Effect of Visual Feedback & Verbal Encouragement on Eccentric Quadriceps & Hamstring Peak Torque, *Sports Training, Medicine & Rehabilitation*, Winter 1999;9(1):61-70

Penderghest, C., Kimura, I.F., Gulick, D.T., Double Blind Clinical Efficacy Study of Pulsed Phonophoresis on Perceived Pain Associated with Symptomatic Tendinitis, *Journal of Sport Rehabilitation*, Feb 1998;7(1):9-19

Kimura, I.F., Gulick, D.T., Shelly, J., Ziskin, M.C., Effects of Two Ultrasound Machines & Angle of Application on the Temperature of Tissue Mimicking Material, *Journal of Orthopedics & Sports Physical Therapy*, Jan 1998;27(1):27-31.

Kimura, I.F., Gulick, D.T., Gasiewski, E.R., Effects of Visual Feedback on Concentric Peak Torque Production during Knee Extension & Flexion Exercise in Males & Females, *Isokinetics & Exercise Science*, Dec 1997;6:209-214.

Kimura, I.F., Gulick, D.T., Thompson, G.T. Effects of Cryotherapy on Eccentric Peak Torque & Endurance, *Journal of Athletic Training*, June 1997;32(2):124-126

Kimura, I.F., Gulick, D.T., Alexander, D.M., Takao, S.H., Reliability of Isokinetic Dynamometers for Peak Torque Production of the Shoulder Internal & External Rotators, *Isokinetics & Exercise Science*, Fall 1996;6:95-99

Gulick, D.T., Kimura, I.F., Delayed Onset Muscle Soreness: What is it & how do we treat it? *Journal of Sport Rehabilitation*, June 1996;5(3):197-205.

Kimura, I.F., Jefferson, L.M., Gulick, D.T., Coll, R.D., Intratester & Intertester Reliability When Using the Chatillon & MicroFET Hand-Held Dynamometers to Measure Force Production in the Upper & Lower Extremities, *Journal of Sport Rehabilitation*, Aug 1996;5(3):197-205.

Kelly, J.D., Gulick, D.T., Arthroscopic Treatment of Non-impingement Rotator Cuff Tears, *Physician & Sports Medicine (Abstract)*, June 1996.

Gulick, D.T., Kimura, I.F., Sitler, M., Paolone, A., Kelly, J.D., Effects of Various Treatment Techniques on the Signs & Symptoms of Delayed Onset Muscle Soreness, *Journal of Athletic Training*, Apr-Jun 1996;31(2):145-152.

PEER-REVIEWED PROFESSIONAL PRESENTATIONS:

Gulick, D.T. PDH Continuing Education – Evidence-based Therapeutic Ultrasound – 2 hour course, submitted June 2017

Gulick, D.T. PDH Continuing Education – Evidence-based Electrical Stimulation – 3 hour course, submitted May 2017

Gulick, D.T. OnCourseLearning. Home Study Courses – Lower Extremity – Hip, Knee, Ankle – 1 hour course each, In process, April 2016, to be published 2017

Gulick, D.T. PDH Continuing Education – Upper Extremity Orthopedic Tests, 3 hour course, April 2016 <https://pdhtherapy.com/physical-therapy/>

Gulick, D.T. PDH Continuing Education – Lower Extremity Orthopedic Tests, 3 hour course, April 2016 <https://pdhtherapy.com/physical-therapy/>

Gulick, D.T., Fagnani, J., Gulick, C.N. Comparison of Muscle Activation of Hip Belt Squat & Barbell Back Squat Techniques. EATA Jan 2015

Gulick, D.T. Effect of Instrument Assisted Soft Tissue Treatment on Discomfort Associated with Myofascial Trigger Points. EATA Conference, Jan 2014.

Gulick, D.T. Evidence-based Examination of the Shoulder, PATS Conference, May 2013

Gulick, D.T. Evidence-based Examination of the Hip, PATS Conference, May 2013

Malone L.A., Gulick, D.T. Development of a Field Test for Measuring Aerobic Capacity in Paralympic Goalball Athletes. VISTA Conference, Germany. Sept 2011

Gulick, D.T. Comparison of Tissue Heating between Manual & Hands-free Ultrasound Techniques, Philadelphia Annual Sports Congress, June, 2008

Gulick, D.T., Libert, C., O'Melia, M., Taylor, L. Comparison of Aquatic & Land Plyometric Training on Strength, Power, & Agility. Platform presentation, APTA CSM, Feb 2008.

Gulick, D.T., Libert, C., O'Melia, M., Taylor, L., Wellmon, R. Effectiveness of an Aquatic Plyometric Training Program, 7th Annual Philadelphia Sports Medicine Congress, Philadelphia, June 2006

Gulick, D.T., Borger, A., McNamee, L., Rotational Lack: A Functional Approach to Assess Shoulder Mobility, PPTA Annual Conference, Seven Springs Mountain, Oct 2005

Gulick, D.T., Berge, B., LaRue B., Exploration of the KT1000 as a Tool to Assess Dynamic Anterior Tibial Translation, PPTA Annual Conference, Seven Springs Mountain, Oct 2005

Gulick, D.T., Berge, B., LaRue B., Exploration of the KT1000 as a Tool to Assess Dynamic Anterior Tibial Translation, 6th Annual Philadelphia Sports Medicine Congress, Philadelphia, June 2005

Gulick, D.T., Borger, A., McNamee, L., Effects of Analgesic Nerve Block Stimulation on Shoulder Mobility in Adhesive Capsulitis, APTA Annual Conference, Boston, June 2005

Gulick, D.T., Borger, A., McNamee, L., Effects of Analgesic Nerve Block Stimulation on Shoulder Mobility in Adhesive Capsulitis, PPTA Annual Conference, Harrisburg, Oct 2004

Gulick, D.T., Ingram, N., Krammes, T., Wilds, C., Comparison of Tissue Heating Using 3 MHz Ultrasound with Methyl Nicotinate Versus Aquasonic Gel, NATA Annual Meeting & Clinical Symposium, Baltimore, June 2004

Gulick, D.T., Yoder, H.N., Anterior Cruciate Ligament Reconstruction: Clinical Outcomes of Patella Tendon & Hamstring Tendon Grafts, Poster presentation APTA CSM, Feb 2003.

Gulick, D.T., Ossowski, L., Outslay, M.D., Sloan, C., Thomas, C., Trucano, S., Relationship between Dominant & Non-dominant Force Production Ratios of Eccentric Shoulder External Rotation & Concentric Internal Rotation, Poster presentation APTA annual conference, June 2002.

Gulick, D.T., Barsky, J., Bersheim, M, Katz, K., & Lescallete, M. Effect of Ultrasound on Pain Associated with Myofascial Trigger Points, Platform presentation APTA CSM, Feb 2001 (Abstract published in JOSPT 31(1), p A-19, Jan 2001)

Geigle, P., Gulick, D.T., Teaching Critical Thinking, Poster presentation APTA CSM, Feb 2001 (Abstract published in PT Journal, Jan 2001)

Gulick, D.T., Geigle, P., Validity of an Alternative Underwater Measurement of Body Composition: Bottle Buoyancy, Poster presentation APTA CSM, Feb 2001 (Abstract published in JOSPT, Jan 2001)

Gulick, D.T., Bouton, K., Detering, K., Racioppi, E., Shafferman, M., Effects of Acetic Acid Iontophoresis on Heel Spur Reabsorption, Poster presentation APTA CSM, Feb 2000 (abstract published in PT Journal, Jan 2000)

Gatto, J., Kimura, I.F., Gulick, D.T., Mattacola, C., Sitler, M.R., Kendrick, Z., Effects of Beam Nonuniformity Ratio of Three Ultrasound Machines on Tissue Phantom Temperature, Poster presentation NATA Annual Conference, June 1999 (abstract published in NATA Journal, April-June 1999, volume 34, number 2, page S-69).

Young, R., Kimura, I.F., Gulick, D.T., Accuracy of Intensity Output, Beam Nonuniformity Ratio, & Effective Radiating Area of Four Therapeutic Ultrasound Machines, Poster presentation NATA Annual Conference, June 1999 (abstract published in NATA Journal, April-June 1999, volume 34, number 2, page S-69).

Huggard, C., Kimura, I.F., Mattacola, C., Kendrick, Z., Gulick, D.T., Straub, S., Clinical Efficacy of Dexamethasone Iontophoresis in the Treatment of Patellar Tendinitis in Collegiate Athletes: A Double Blind Study, Poster presentation NATA Annual Conference, June 1999 (abstract published in NATA Journal, April-June 1999, volume 34, number 2, page S-70).

Gulick, D.T., Effects of Various Treatment Techniques on the Signs & Symptoms of Delayed Onset Muscle Soreness, Platform presentation NATA Annual Conference, June 1996

Kelly, J., Gulick, D.T., Arthroscopic Treatment of Non-Impingement Rotator Cuff Tears, Platform presentation Orthopedic Surgeons Annual Conference, June 1996

NON-PEER REVIEWED PUBLICATIONS:

Gulick, D.T., Palombaro, K.M. A Plagiarism Experience. Letter to the editor. Journal of Physical Therapy Education, May 2015

Gulick, D.T. Invited Commentary for Acute effects of different stretching methods on static & dynamic balance in female football players. International Journal of Therapy & Rehabilitation. 2015;22(2):68-73

Gulick, D.T. The Mobile App Explosion: Are they evidence-based? Advance Magazine for Physical Therapy & Rehab Medicine, Fall 2014

Gulick, D.T., Wise, C.H. iOrtho+ iTunes App, June 2010; update May 2011, Sept 2011, Feb 2012, Aug 2012, Aug/Sept 2013, May 2014

Gulick, D.T., Adelizzi, D., Evans, B., LaRue, B., Licata, C., McNamee, L. Strength & Conditioning Program for the Elite Goalball Athlete. USA National Goalball Team, Distributed nationally to coaches & male/female athletes on the national team, Sept 2005

Gulick, D.T., Time for Discharge: Tips for Buying Home Exercise Equipment, Rehab Management, June 2005

Gulick, D.T., Rehabilitation Recommendations after Shoulder Thermal Capsulorrhaphy, Physical Therapy Products, Oct 2002

Gulick, D.T., Effectively Using Ultrasound, Rehab Management, June/July 1998 (pages 46-53)

Gulick, D.T., Plantar fasciitis, Footnotes, April 1991

PROFESSIONAL PRESENTATIONS:

Gulick, D.T. Medical Screening for the Physical Therapist, Chestnut Hill Hospital (Motivations), October 2017

Gulick, D.T. Instrument Assisted Soft Tissue Techniques, August 2017

Gulick, D.T. Medical Screening for the Physical Therapist, Rutgers PT Program, June 2017

Gulick, D. T. Current Concepts in Knee Examination & Treatment. GVHS, June 2017

Gulick, D.T. Workshop for the Clinical Evaluation and the Use of Electro Medical Stimulation. EMSI, May 2017

Gulick, D.T. Current Concepts in Shoulder Examination & Treatment, Susquehanna Healthcare Systems, March 2017

Gulick, D.T. Evidence-based MTrP Interventions. Motivations March 2017

Gulick, D.T., Cronin, K.J. Scrape & Tape, Widener University, Chester, PA Nov 2016

Gulick, D.T. Medical Screening. Reading Rehab, Reading PA. Oct 2016

Gulick, D.T. Evidence-based MTrP Interventions. NAMTPT. Washington DC Oct 2016

Gulick, D.T. Evidence-based Orthopedic Tests. Motivations Inc. Seattle WA Oct 2016

Gulick, D.T. Evidence-based Orthopedic Tests. Motivations Inc. Phoenix AZ Sept 2016

Gulick, D.T. Medical Screening. VPTA annual conference, Charlottesville VA. Mar 2016

Gulick, D.T. Medical Screening. Sentara Health Systems, Virginia Beach VA. Jan 2016

Gulick, D.T. Medical Screening for the Geriatric Client. Grand Valley Health Systems. Nov 2015

Gulick, D.T. Evidence-based Orthopedic Tests. Motivations Inc. Brooklyn, NY. Oct 2015

Gulick, D.T. Medical Screening for the Pediatric & Adolescent. Virginia Physical Therapy Association. Newport News, VA, Oct 2015

Gulick, D.T. Evidence-based Interventions for Myofascial Trigger Points. Motivations Webinar, Sept 2015, Oct 2015

Gulick, D.T. Instrument Assisted Soft Tissue Techniques. Patterson Medical, Cranberry, PA May 2015

Gulick, D.T. Instrument Assisted Soft Tissue Techniques. Patterson Medical, Boston MA. May 2015

Gulick, D.T. Instrument Assisted Soft Tissue Techniques. Lehigh Valley Hospital System. April 2015

Gulick, D.T. Hip & Knee Update, Mainline Health, April 2015

Gulick, D.T. Evidence-based Interventions for Myofascial Trigger Points. Motivations Webinar, March 2015

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Physical Therapy Association Annual Conference, March 2015

Gulick, D.T. Soft Tissue Buffet, Widener University, March 2015

Gulick, D.T. Medical Screening for the Physical Therapist, Susquehanna Health Systems, March 2015

Gulick, D.T. Medical Screening for the Physical Therapist, Maryland Physical Therapy Association Annual Conference, March 2015

Gulick, D.T. Evidence-based Upper & Lower Extremity Orthopedic Tests, Virginia Physical Therapy Association Annual Conference, Oct 2014

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Physical Therapy Association Annual Conference, Oct 2014

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June 2014

Gulick, D.T. Evidence-based Upper Extremity Examination Tests, Motivations Webinar, 2 CEU's, March, April, Oct 2014

Gulick, D.T. Evidence-based Lower Extremity Examination Tests, Motivations Webinar, 2 CEU's, Feb, May, Nov 2014

Gulick, D.T. Evidence-based Examination & Intervention of the Shoulder. Coordinated Health Systems, June 2014

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Physical Therapy Association Annual Conference, March 2014

Gulick, D.T. Evidence-based Examination & Intervention of the Shoulder. Main Line Health System, March 2014

Gulick, D.T. Medical Screening for the Physical Therapist, PhysicalTherapy.com, 3 Webinar Modules (Pediatric, Adult, Geriatric - 2 units each), Nov-Dec 2013

Gulick, D.T. Medical Screening for the Physical Therapist, Allegany University, Nov 2013

Gulick, D.T. Evidence-based Upper Extremity Examination Tests, Motivations Webinar, 2 CEU's, January, April, Aug, Sept, Nov 2013

Gulick, D.T. Instrument Assisted Soft Tissue Techniques, Mainline Health Systems, Sept 2013

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June 2013

Gulick, D.T. Medical Screening for the Physical Therapist, Reading–Berks Physical Therapy, Sept 2012

Gulick, D.T. Evidence-based Upper Extremity Examination Tests, Motivations Webinar, 2 CEU's, June, July, Aug, Sept, Oct, Nov 2012

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June 2012

Gulick, D.T. The Paralympic Athlete, Philadelphia Sports Medicine Congress, June 2012

Gulick, D.T. Medical Screening for the Physical Therapist, Crozer-Chester Health System, May 2012

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Chapter of APTA, April 2012

Gulick, D.T. Advanced Therapeutic Modalities, Reading–Berks Physical Therapy, March 2012

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June 2011

Gulick, D.T. Medical Screening for the Physical Therapist, Virtua Health Care, NJ, April 2011

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Chapter of APTA, Glen Allen, VA, April 2011

Gulick, D.T. Medical Screening for the Physical Therapist, Trident Technology College, Charleston, SC, Nov 2010

Gulick, D.T. Medical Screening for the Physical Therapist, Sharp Healthcare Systems, San Diego CA, Oct 2010

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June, 2010

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Physical Therapy Association, Richmond, VA, April 2010

Gulick, D.T. Medical Screening for the Physical Therapist, Maine General, Waterville, ME, April 2010

Gulick, D.T. Medical Screening for the Physical Therapist, Sherman Hospital Rehabilitation Network, Chicago, IL, March 2010

Gulick, D.T. Medical Screening for the Physical Therapist, Cumberland Physical Therapy, Cumberland, MD, Feb 2010

Gulick, D.T. Paralympic Sports, Easton, PA, Dec 2009

Gulick, D.T. Medical Screening for the Physical Therapist, Motivations, Hartford, CT, Oct 2009

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June, 2009

Gulick, D.T. Medical Screening for the Physical Therapist, RHCC, Harrisonburg, VA, May 2, 2009

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Chapter of APTA, Glen Allen, VA, April 17, 2009

Gulick, D.T. Medical Screening for the Rehab Professional, Cross Country Education, Springfield, Tulsa, Oklahoma City, April 2009

Gulick, D.T. Medical Screening for the Rehab Professional, Cross Country Education, Roanoke, Winston-Salem, Charlotte, Jan 2009

Gulick, D.T. Medical Screening for the Rehab Professional, Cross Country Education, Omaha, Des Moines, Cedar Rapids, Dec 2008

Gulick, D.T. Medical Screening for the Physical Therapist, APTA Vision 2020, Alexandria, VA Oct 2008

Gulick, D.T. Geriatric Medical Screening for the Physical Therapist, Virtua Healthcare System, June 2008

Gulick, D.T. Medical Screening for the Physical Therapist, UMDNJ Physical Therapy Program, June 2008

Gulick, D.T. Medical Screening for the Physical Therapist, Advantage Physical Therapy, Jan 2008

Gulick, D.T. Medical Screening for the Physical Therapist, Virginia Physical Therapy Association, Oct 2007

Gulick, D.T. Goalball, World Congress on Disabilities, Philadelphia, Nov 2006

Gulick, D.T., Hopkins, T. Effects of Modalities on Inflammation, 57th Annual NATA Convention, Atlanta, June 2006

Gulick, D.T., Libert, C., O'Melia, M., Taylor, L, Wellmon, R. Effectiveness of an Aquatic Plyometric Training Program, SHSP Student Research Symposium Featured Presentation, Chester, April 2006

Gulick, D.T. Medical Screening for the Physical Therapist. APTA of Maryland, Nov 2005

Gulick, D.T., Borger, A., McNamee, L., Effects of Analgesic Nerve Block Stimulation on Shoulder Mobility in Adhesive Capsulitis, SED Meeting of PPTA, Feb 2005

Gulick, D.T., Aquatic Physical Therapy, Independent Physical Therapy Alliance, April 2004

Kline, C., Gulick, D.T., Pediatric Physical Therapy & Adaptive Sports, Upper Perkiomen School District, Feb 2004

Geigle, P., Gulick, D.T., Aquatic Rehabilitation, EATA Annual Conference, Philadelphia, Jan 2004

Gulick, D.T., AmTryke Presentation for AMBUCS, CPA Continuing Education Society of Pennsylvania, April 2003

Gulick, D.T., The Road to the Gold: An Olympic Journey, Presidential Lecture, Widener University, Dec 2000

GRANT ACTIVITIES:

NIH SBIR – Musculoskeletal Grant – applied January 2018 - \$150,000

National Science Foundation – applied December 2017 - \$150,000

Johnson & Johnson Innovation Award – applied September 2017 pending

Phi Kappa Phi Love of Learning Award, \$500 – September 2017 pending

Innovation Partnership Grant – October 2017 – awarded \$3000

SBIR Grant, Mobil-Aider, \$145,000 – April 2017 positively reviewed by 2 of 3 but not funded

Science Center DHA Grant, \$50,000 – May 2017 progressed to finals but not funded

Penn Nanotech Grant – April 2017 – awarded \$1000

Innovation Partnership Grant - March 2017 – awarded \$2000

Widener University Provost Grant – Spring 2017 – awarded \$2,000

Ben Franklin Technology – January 2017 – awarded \$5,000

Science Foundation Grant Finalist – iOrtho+ Mobile App - \$50,000 – October 2015 not funded

Science Foundation Grant – Mobil-Aider \$50,000 – October 2015 – not funded

SBIR Grant. Mobil-Aider, \$150,000 – December 2014 – not funded

Phi Kappa Phi Love of Learning Grant – “Effects of Aquatic Plyometric Activities on Functional Mobility in Community Dwelling Older Adults” awarded \$500, Sept 2009

Widener University Provost Grant – “Effect of Ischemic Pressure using a Backnobber II Device on Discomfort Associated with Myofascial Trigger Points” awarded \$1400, April 2009 (in addition, Pressure Positive provided \$1500 worth of product)

PATS Research Grant – “Effects of Aquatic Plyometric Activities on Functional Mobility in Community Dwelling Older Adults” submitted Spring 2008, not funded

ACP Research Grant – “Effect of Percutaneous Electrical Stimulation on Vertical Jump in Collegiate Athletes” awarded \$1500, Fall 2006

Richmar Research Grant – “Comparison of Tissue Heating with Handsfree vs. Traditional Ultrasound Transducers – 1- & 3-MHz” awarded \$1725, Summer 2006

Widener University Provost Grant – “Is Ultrasound a Contraindication for Joint Arthroplasty?” awarded \$795, March 2006

Widener University Provost Grant – “Comparison of Land & Aquatic Plyometrics on Strength, Power, & Agility,” awarded \$1465, April 2005

NATA Grant – “Effect of Eccentric Hamstring Training on Dynamic Tibial Translation,” submitted summer 2004, not funded

Pennsylvania Campus Compact Grant – “North Atlantic Quadriplegic Rugby Tournament,” submitted Fall 2002, not funded

EATA Research Grant – “Comparison of Methyl Nicotinate & Aquasonic Gel on Tissue Heating with 3 MHz Ultrasound,” submitted Winter 2001, not funded

Implementing Evidence Based Practice into the Classroom, awarded a grant with Dr. Paula Geigle to attend the workshop in Los Angeles, California, \$1600, March 2001

Widener University Provost Grant - “Effects of Phonophoresis Duration on Dexamethasone Depth of Penetration in Swine Tissue - Phase II” \$1000, 1998-9

Orthopedic Section Grant (APTA) - “Effects of Acetic Acid Iontophoresis on Bone Spur Reabsorption,” \$1000, 1998

Widener University Provost Grant - “Effects of Phonophoresis Duration on Dexamethasone Depth of Penetration in Swine Tissue - Phase I,” \$1000, 1997-1998

NATA Research Grant (dissertation) - “Effects of Various Treatment Techniques on the Signs & Symptoms of Delayed Onset Muscle Soreness,” \$4800, 1993-4

MEMBERSHIP IN SCIENTIFIC / PROFESSIONAL HONORARY SOCIETIES:

Philadelphia PACT 2016-present

National Strength & Conditioning Association 1997-2010

United States Olympic Sports Medicine Society 1995-present

American Physical Therapy Association 1982-2010
Orthopedic Section

Phi Kappa Phi Honorary Society 1980-present
President of Widener University Chapter 2009-2011
President-elect of Widener University Chapter 2008-2009
Secretary of the Widener University Chapter 2005-2008

National Athletic Trainers Association 1978-2010

CONSULTATIVE & ADVISORY POSITIONS HELD:

Advisory Board – PhysicalTherapy.com 2015 – present

International Consortium for Disabled Athletes	2010 - present
Phi Kappa Phi, Widener University Chapter 214 President	2009 – 2011
Aquatic Physical Therapy, editorial board	2006 – present
Medical Science Monitor International Reviewers Panel (IRP)	2004 – present
University of Rochester Medical Center “Protecting Study Volunteers” Course mandated by Crozer-Keystone Health System for all research professionals who wish to conduct research at their facility	2001
Text reviewer for F.A. Davis	2001 – present
Text reviewer for W.B. Saunders (3 chapters)	2001
Home study reviewer for NATABOC	2000 – 2013
Text reviewer for Lippincott Williams & Wilkins	2000 – present
Journal of the National Athletic Trainers Association, reviewer	2000 – present
Physiotherapy Journal, reviewer	2000 – present
National Athletic Trainer’s Association Board of Certification National Practical Examiner	1999 – 2004
Manuscript reviewer for Journal of Orthopedics & Sports Physical Therapy	1999 – present
Text reviewer for Appleton & Lange	1998
Manuscript reviewer for British Journal of Sports Medicine	1998
AMTRYKE Consultant for AMBUCS	1998-present
United States Olympic Sports Medicine Society	1995-present
COMMUNITY SERVICE:	
Global Abilities REC FEAST, Phila	2013-2015
Head Strong Foundation	2013
Athletes Health Organization, Phila Sports Physicals	2012-present
United States Quadriplegia Rugby Classifier	2001-present
USFHA Umpire	2000-present

Athletic Trainer for North Eastern Regional Games for the Blind	1999-present
Phoenixville Merion Youth Club (PMYC) Field Hockey Coach/Official	1999 – 2008
Consultant AMBUCS (American Business Clubs)	1998 – 2008
Athletic Training Services for Valley Forge Christian College	1997 – 2007
Linfield Education & Awareness Programs (LEAP) – Linfield UCC	1996 – 2002
Athletic Trainer for the United States Olympic Training Center	1995
Athletic Trainer for the United States Field Hockey Intercontinental Cup	1993
Promoter of the Pottstown Annual Criterium Bicycle Race	2016-present 1990-1999
Player/member - Philadelphia Field Hockey Assoc. (Club Nat'l Champion '96)	1985 – 1996
American Heart Association CPR Instructor #517	1979- present
UNIVERSITY/COLLEGE/SCHOOL SERVICE:	
WIDENER UNIVERSITY:	
Faculty Affairs	2012-2014
Intellectual Property Committee	2016-2017
Task Force – Chairperson	2012-2014
Executive Committee	2010-2012
Middle States Self Study Sub-Committee	2003-2004
Budget Planning & Assessment Committee	2003-2005
Phi Kappa Phi Past President	2011-2012
President	2009-2011
President Elect	2008
Chapter Secretary	2005-2008
Board Member	2004-2008
Instructional Resources Committee – Chairperson	2009-2012
Member	2005-2008
Widener University Institution Review Board	2006-2017
Managing Review	2016-2017
SCHOOL OF HUMAN SERVICE PROFESSIONS	
Faculty Affairs Committee – Chairperson	2012-2013

Member	2009-2010 2013-2014 2010-2011 2005-2008 2003-2006
Academic Council	2002-2004
Promotion, Tenure, & Academic Freedom Committee	
Member	2001-2017 1996-2000
Secretary	2007-2008
Chair	2015-2016 2003-2004 1999-2000
Diversity Committee	2000-2001
International Studies Committee	2008-2009 2004-2005
INSTITUTE FOR PHYSICAL THERAPY EDUCATION	
Promotion, Tenure, & Academic Freedom Committee	2001-2017 1996-2001 2011-2017
Chairperson	2007-2008 1998-1999
IPTE Academic Standards & Retention	2016-2017
IPTE Continuing Education Committee - Chairperson	2011-2017
IPTE Curriculum Committee	2003-2006
IPTE Outcomes Committee	1999-2009
Student Research Committee	1996-2002
Committee for the Review of Research with Human Subjects	1996-1998
Comprehensive Examination Committee	1996-1999 2001-2003 2005-2009
Chairperson	1997-1998 2006-2009
Admissions Committee	1997-2016

Search Committee	
Chairperson for Chairperson/Associate Dean	1997-1999
Chairperson for Clinical Track Orthopedic Faculty	2012
Widener University, Newsletter	1999
Brochure, rewrote IPTE brochure	1998-1999
Graduation Committee Chairperson	2007-2008 2002-2004
Faculty Secretary	1996-1997
HONORS & AWARDS:	
Widener University Distinguished Faculty Nominee	2017
Philly.com Stellar Start-ups Entrepreneur Finalist	2017
Widener University Outstanding Researcher Award	2011
William Tennent High School Alumni Award	2005
Evidence-based Practice Symposium Grant	2001
Widener University Presidential Lecturer	2000
AMBUCS National Physical Therapist of the Year Award	1999
APTA - Orthopedic Section Grant	1998-1999
Physical Therapy of the Month Award, Southeastern Chapter of the PPTA	1998
Widener University Provost Grant	2013-2014 2009-2010 2005-2006 1997-1998 1998-1999
NATA Grant for doctoral research	1993-1994
AMBUCS scholarship	1998
Phi Kappa Phi Honorary Society	1980
Kappa Delta Pi Honorary Society	1980
Scott Michael Acker Memorial Scholarship	1977

CONTINUING EDUCATION:

Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2017
Myofascial Decompression Techniques, Level 1: Chester, PA	May 2017
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2016
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2015
3rd Annual Concussion Update, CHOP	May 2015
OA Action Alliance: ACL Injury Prevention Program	Feb 2015
EATA Conference, Philadelphia, PA	Jan 2015
Mobile Health Rehabilitation Conference, Boston University	Oct 2014
Functional Movement Screen – Level I & II, Chester, PA	Sept 2014
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2014
APTA Combined Sections Conference: Las Vegas	Feb 2014
EATA Conference: Mashantucket, CT	Jan 2014
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2013
PA Athletic Trainers Society Annual Conference: Wilkes-Barre, PA	May 2013
APTA Combined Sections Conference: San Diego	Jan 2013
Graston Techniques: Boston & New Jersey	June 2012 Dec 2012
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2012
APTA Combined Sections Conference: Chicago	Feb 2012
KinesioTaping: KT1 & KT2	Feb 2012
Human Kinetics Webcast: Nutrition for the Athlete	Oct 2011
Human Kinetics Webcast: Protein in the Athlete	March 2011
APTA Combined Sections Conference: New Orleans	Feb 2011
Human Kinetics Webcast: Sickle Cell Trait in the Athlete	Dec 2010

NATABOC Webcast: Concussion Testing & Treatment	Oct 2010
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2010
APTA Combined Sections Conference: San Diego	Feb 2010
APTA Combined Sections Conference: Las Vegas	Feb 2009
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2008
APTA Combined Sections Conference: Nashville, TN	Feb 2008
NATA Shoulder Mobilization Techniques: 7 unit online course	Sept 2007
APTA Combined Sections Conference: Boston, MA	Feb 2007
IPTA What's New in the Care of Fractures & Non-Unions, Radnor, PA	Nov 2006
IPTA Diagnostic Imaging, Dr. Andrew Curtin, Radnor, PA	April 2006
APTA Combined Sections Conference: San Diego, CA	Feb 2006
EATA Annual Conference: Philadelphia, PA	Jan 2006
Philadelphia Sports Medicine Congress: Philadelphia, PA	June 2005
APTA Annual Conference: Boston, Mass	June 2005
Widener University Bridge Week: Preparing for Outcomes Based Assessment, Using Problem Based Learning, Full-Text at our Fingertips	May 2005
APTA Combined Sections Conference: New Orleans	Feb 2005
NATA Annual Conference, Baltimore, MD	June 2004
Metatarsalgia: Healthmark Foot & Ankle Associates	Feb 2004
APTA Combined Sections Conference: Nashville, TN	Feb 2004
EATA Annual Conference: Philadelphia, PA	Jan 2004
Current Concepts in Shoulder Rehabilitation: IPTA	Oct 2003
Differential Physical Therapy Diagnosis: Catherine Goodman	April 2003
APTA Combined Sections Conference: Tampa, FL	Feb 2003

Cyriax Shoulder Evaluation: Dr. Russell Woodman	Dec 2002
Spring Sports Medicine Symposium: West Chester University	April 2002
Plyometrics: Beyond Boxes & Balls: NATA	Aug 2002
Repetitive Strain Injuries in the Workplace – Ergonomic Strategies, IPTA	April 2002
APTA Combined Sections Conference: Boston, MA	Feb 2002
Wound Care: Pamela Unger	Oct 2001
Implementing Evidence Based Practice into the Classroom: UCLA	March 2001
APTA Combined Sections Conference: San Antonio, TX	Feb 2001
Pre- & Post-Partum Therapeutic Evaluation & Intervention: Elaine Wilder	Sept 2000
Emotional Intelligence at Work: Karol Wasylshyn	May 2000
APTA Combined Sections Conference: New Orleans	Feb 2000
APTA Annual Conference, Washington, DC,	June 1999
Spring Sports Medicine Symposium: West Chester University	May 1999
APTA Combined Sections Conference: Seattle, WA	Feb 1999
Winter Sports Medicine Symposium West Chester University	Dec 1998
Breathing is it Really Necessary: Mary Massery	Oct 1998
Functional Orthopedic Approaches to the Elderly Client: Cissy Voight	Feb 1998
APTA Combined Sections Conference: Boston, MA	Feb 1998
Orthopedic Bracing: Smith, Nephew, DonJoy	June 1997
Muscle Imbalances: S. Sahrman,	Oct 1996
Pediatric Roundtable: Austill's Rehabilitation	May 1996
NATA Annual Conference: Indianapolis	June 1995
Sacral Dysfunctions: Pennsylvania Athletic Trainers Society	April 1994
Shoulder Injuries/Rehabilitation: Dogwood Conference	Oct 1991

Myofascial Release: J. Barnes	July 1990
Clinical uses of Traction: McBeth Company	Jan 1990
Electrotherapy Update: IAPT	March 1990
Industrial Rehabilitation: American Therapeutics	July 1989
Joint Reconstruction: CHOP	April 1989
Dynamic, Rolyan, Smith, & Nephew	Nov 1988
S1 - Spinal Evaluation & Treatment: Graduate Institute	July 1988
When the Feet Hit the Ground Everything Changes: Dogwood Conference	April 1987
Team Approach to Joint Arthroplasty: HUP	Nov 1986
Model-Netics Management Course – H. Harold	Fall 1986
Spinal Management: Lossing	Oct 1986
Time Management: Take Charge Consultants	Oct 1986
Garden State Symposium: New Jersey Athletic Trainers Society	Dec 1985
Vestibular Stimulation – P. Montgomery	July 1985
Abnormal Motor Control – P. Duncan	March 1985
Sports Medicine Symposium: Williamsport Hospital	March 1984
Georgia Sectional Conference: Georgia Physical Therapy Association	Oct 1983
Dogwood Conference: Atlanta, Georgia	April 1982

CURRENT TEACHING RESPONSIBILITIES IN THE PHYSICAL THERAPY PROGRAM:

PT730 Client Management I	Co-Instructor Lecturer	Fall 1997-2001 Fall 2012-2013
PT725 Kinesiology	Co-Instructor	Fall 1996-2017
PT727 Musculoskeletal I (Pathology)	Instructor	Spring 2013-2017
PT732 Musculoskeletal II (Extremity)	Co-Instructor	1997-Summer 2017
PT805 Client Management III (Electro)	Instructor	Spring 1997-2017

(Previously PT734 – Intervention IV)

PT736 Musculoskeletal III (Spine)	Co-Instructor	1997-Fall 2017
PT737 Visceral Systems	Instructor	Summer 2013-2017
PT887 Sports Physical Therapy Elective	Instructor	1997-2017
PT910 Medical Screening (t-DPT)	Instructor	2003-2011
PT953 Specialty Focus I	Instructor	2002-2013
PT954 Specialty Focus II	Instructor	2002-2013
PT955 Specialty Focus III	Instructor	2002-2014
PT956 Specialty Focus IV	Instructor	2002-2014