

MARK J. BARNA
PEDIATRIC PHYSICAL THERAPIST

EDUCATION:

Columbia University, October 1979 received Certificate in Physical Therapy

Manhattan College, May 1978 received B.S. in Adapted Physical Education

Christian Brothers Academy, June 1974 High School Diploma

WORK EXPERIENCE: PEDIATRIC PHYSICAL THERAPIST

1. Pediatric Physical Therapist -Private Practice - Full Time, HoHoKus, N.J., January 1984 to present.
 - 1A. Pediatric Physical Therapist -New Jersey Early Intervention, October 2009 to present.
2. Bergen County Special Services School District, Multiply Handicapped Program, Ages 3-21. October 1979 to January 1984.
3. Passaic County Day Training Program, Totowa, N.J., July- August 1982, 1983.
4. Early Intervention Program, Bergenfield, N.J., July- August 1981, 1982.
5. Early Intervention Program, Lakewood, N.J. July- August 1980.
6. Volunteer at St. Joe's Medical Center, Spina Bifida Clinic. October 1979 to March 1983.

PHYSICAL THERAPY CLINICAL AFFILIATIONS:

1. United Cerebral Palsy of New York in Manhattan. Student Physical Therapist in Preschool and Infant Program. Clinical Instructor was Mrs. Marion Marx (N.D.T. Trained). September 4, 1979 to October 19, 1979.
2. John F. Kennedy Medical Center in Edison, N.J. Student Physical Therapist in Gordon Williamson's Infant and Preschool Program. (N.D.T. Trained Staff) July 23 to August 31, 1979.
3. Monmouth Medical Center in Long Branch, N.J. Student Physical Therapist June 11 to July 20, 1979.
4. Bergen County Special Services School District, Multiply Handicapped Program, Paramus, N.J. Student Physical Therapist instructed by three N.D.T. Trained P.T.'s. Part time Affiliation January to May 1979.

CONTINUING EDUCATION:

TOTAL MOTION RELEASE TOTS-LEVEL 1: Instructor: Susan Blum, Somerset, N.J.
April 21-22, 2012

ETHICS AND JURISPRUDENCE II FOR NEW JERSEY PHYSICAL THERAPIST:
Instructor: Nancy R. Kirsh, PT, DPT, PhD. Maplewood, NJ December 2011.

TOTAL MOTION RELEASE-LEVEL 2: Instructor: Tom Dalonzo-Baker, MPT.
Raleigh, N.C. June 25-26, 2011.

TOTAL MOTION RELEASE-LEVEL 1: Instructor: Tom Dalonzo-Baker, MPT.
Freehold, N.J. May 30-31, 2009.

ETHICS AND JURISPRUDENCE FOR NEW JERSEY PHYSICAL THERAPIST:
Instructor: Laurita M. Hack, Dpt, MBA, PhD, FAPTA. North Branch, N.J. March 28,
2009.

PILATES MAT FOUNDATIONS: Instructor: Sue Long, Lawrenceville, N.J. January
17-18, 2009.

REIMBURSEMENT CHALLENGES IN OUTPATIENT PHYSICAL THERAPY:
Instructor: Helen M. Fearon, PT and Stephen M. Levine, PT,DPT,MSHA. Woodbridge,
N.J. October 6-7, 2007.

INTEGRATIVE RESISTENCE TRAINING: Instructor: Christopher Kolba, M.H.S., P.T.
Newark, N.J. April 14,2007.

STRENGTH TRAINING PROGRAM DESIGN: Instructor: Christopher Kolba, M.H.S.,
P.T. Newark, N.J. August 27,2006.

MOBILITY TEMPLATES: NEW AND IMPROVED APPROACH FOR TREATMENT
OF PELVIS, SACRUM, AND SPINE: Instructor: Ayelet G. Weiselfish,
P.T., I.M.P.,C. Fairlawn, N.J. July 5-6, 2003.

INTEGRATIVE MANUAL THERAPY FOR INFLAMMATION: Instructors- Sharon
W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T.; I.M.P.,C.
Boston, MA. June 12-14, 2003.

THE LYMPHATIC SYSTEM, LEVEL THREE: LYMPH, LYMPH-RELATED
DISEASE, DISORDERS AND DISABILITY: Instructor- Sharon W. Giammatteo, PhD.;
P.T.,I.M.P.,C. Bloomfield, CT. May 15-17, 2003.

CRANIAL THERAPY SERIES: ADVANCED LEVEL FOUR: STROKE: Instructor-
Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. March 10-12, 2003.

ADJUSTMENT THERAPY: TREATMENT OF JOINT DYSFUNCTION AND BALL
BIOMECHANICS: Instructor- Thomas Giammatteo, D.C.; P.T.; I.M.P.,C. Philadelphia,
PA. February 12-14, 2003.

ADRENALS AND STRESS AND RELATED DISORDERS: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. January 18-20, 2003.

INTEGRATIVE MANUAL THERAPY FOR THE TREATMENT AND PREVENTION OF STROKE: Instructor- Sharon W. Giammatteo, PhD.; P.T., I.M.P.,C. Bloomfield, CT. March 12-14, 2002.

BIOLOGIC ANALOGS: ADVANCED LEVEL ONE: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Frank Lowen, I.M.P.,C. Bloomfield, CT. May 3-6, 2002.

VISCERAL MOBILIZATION: FOCUS ON LIVER, STRUCTURE AND FUNCTION: Instructor- Ayelet Giammatteo Weiselfish, P.T. I.M.P.,C. Riverdale, N.Y. April 21-23, 2002

INTEGRATIVE DIAGNOSTIC SERIES: FOCUS ON MULTIPLE SYSTEMS BREAKDOWN: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Thomas Giammatteo D.C.; P.T. I.M.P.,C. Bloomfield, CT. February 9-10, 2002.

THE ART OF TISSUE AND JOINT UNWINDING: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Atlanta, Ga. January 25-27, 2002.

BIOLOGIC ANALOGS: THE SPINE: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Frank Lowen, I.M.P.,C. Albuquerque, NM. January 12-14, 2002.

BIOLOGIC ANALOGS: ADVANCED LEVEL TWO: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Frank Lowen, I.M.P.,C. Albuquerque, NM. November 15-18,2001.

BIOLOGIC ANALOGS: THE PELVIS: Instructors- Sharon W. Giammatteo, Ph.D.; P.T.; I.M.P.,C and Frank Lowen, I.M.P.,C. Bloomfield, CT. November 1-4, 2001.

THE CRANIAL THERAPY SERIES: THE EYE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. October 13-15, 2001.

BALANCING THE ANKLE AND FOOT THROUGH BIOMECHANICS AND ORTHOTIC INTERVENTION: Instructor- Sue Leger, M.S.; P.T.; I.M.P.,C. Bloomfield, CT. June 22-24, 2001.

MANUAL PERCEPTIONS, LEVEL ONE: Instructor- Frank Lowen, I.M.P.,C. Bloomfield, CT. May 7-9, 2001.

INTEGRATIVE MANUAL THERAPY FOR THE PEDIATRIC PATIENT: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. NYC, NY. March 9-11, 2001.

VISCERAL MOBILIZATION: FOCUS ON CARDIAC HABILITATION: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T.; I.M.P.,C. San Diego, CA. February 23-26, 2001.

BIOMECHANICAL REGULATORS: Instructor- Frank Lowen, I.M.P.,C. Bloomfield, CT. February 16-18, 2001

CRANIAL THERAPY SERIES: BLOOD FLOW TECHNIQUES: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield,CT. January 27-29, 2001

THE LYMPHATIC SYSTEM, LEVEL TWO- IMMUNE PREFERENCE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Riverdale, N.Y. January 7-9, 2001.

RESPIRATORY REHABILITATION WITH INTEGRATIVE MANUAL THERAPY: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T.; I.M.P.,C. Park Ridge, IL. November 17-19, 2000.

INTEGRATIVE DIAGNOSTICS: APPLIED PSYCHOSYNTHESES: Instructor- Lissa Wheeler, M.T., I.M.P.,C. Bloomfield, CT. October 21-24, 2000.

CRANIAL THERAPY SERIES: POSTURAL REFLEXES: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. September 9-11, 2000.

LOWER EXTREMITY COMPRESSION SYNDROMES: Instructor- Jay B. Kain, Ph.D.; P.T.; A.T.C.; I.M.P.,C. Great Barrington, MA. September 22-24, 2000.

BIOLOGIC ANALOGS: CIRCULATION MOBILIZATION: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Frank Lowen, I.M.P.,C. Bloomfield, CT. June 21-24, 2000.

DIAPHRAGM COMPRESSION SYNDROMES: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Toronto, Ontario-Canada June 2-4, 2000.

UPPER EXTREMITY COMPRESSION SYNDROMES: Instructor- Kris Albrecht M.S., P.T., I.M.P.,C. Bloomfield, CT. May 5-7, 2000.

BIOLOGIC ANALOGS: NEURAL MOBILIZATION: Instructor- Rosemary Hegarty, P.T., I.M.P.,C. Bloomfield, CT. January 21-24, 2000.

INTEGRATIVE DIAGNOSTIC SERIES: PART 4: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. January 16-17, 2000.

INTEGRATIVE MANUAL THERAPY FOR SPORTS MEDICINE: Instructor- Jay B. Kain, Ph.D.; P.T.; A.T.C.; I.M.P.,C. Elizabeth, NJ. December 3-5, 1999.

CRANIAL THERAPY SERIES PART FOUR: Instructor- Kris Albrecht, M.S.; P.T.; I.M.P.,C. Bloomfield, CT. November 6-9, 1999.

CRANIAL THERAPY SERIES PART THREE: Instructor- Kris Albrecht, M.S.; P.T.; I.M.P.,C. Bloomfield, CT. October 1-4, 1999.

ADVANCED NEURAL TISSUE TENSION TECHNIQUES:- Instructor- Jay B. Kain, Ph.D.; P.T.; A.T.C.; I.M.P.,C. Great Barrington, MA. October 15-17, 1999.

TYPE III DYSFUNCTION OF THE SPINE AND EXTREMITY JOINTS WITH MUSCLE ENERGY AND BEYOND: Instructor: Rosemary Hegarty, P.T., I.M.P.,C. Bloomfield, CT. September 24-26, 1999.

THE INTEGRATIVE DIAGNOSTICS SERIES: PART THREE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. September 17-18, 1999.

ASSESSMENT, INTEGRATIVE DIAGNOSTICS, AND INTEGRATIVE MANUAL THERAPY FOR THE LYMPHATIC SYSTEM- LEVEL ONE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Kennebunk, ME. July 16-18, 1999.

THE INTEGRATIVE DIAGNOSTICS SERIES: PART TWO: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. June 18-19, 1999.

VISCERAL MOBILIZATION WITH MUSCLE ENERGY AND BEYOND TECHNIQUE: FOCUS ON THE GASTROINTESTINAL TRACT: Instructors: Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T.; I.M.P.,C. Park Ridge, IL. April 23-25, 1999.

THE INTEGRATIVE DIAGNOSTICS SERIES: PART ONE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Bloomfield, CT. February 12-13, 1999.

CRANIAL THERAPY SERIES: PART TWO: Instructor- Kris Albrecht, M.S.; P.T. I.M.P.,C. Toronto, Ontario-Canada January 21- 24, 1999.

INTEGRATIVE MANUAL THERAPY FOR WOMEN'S AND MEN'S HEALTH ISSUES: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T. I.M.P.,C. Cambridge, MA. December 4, 1998.

INTEGRATIVE MANUAL THERAPY FOR THE LOW BACK AND SPINE; ADVANCED CLINICAL BIOMECHANICS OF THE SACRUM: Instructor: Jay B. Kain, Ph.D., P.T., A.T.,C, I.M.P.,C. Toronto,Ontario-Canada October 23-25, 1998.

INTEGRATIVE DIAGNOSTICS FOR MANUAL PRACTITIONERS: FOCUS ON LOW BACK SYNDROMES: Instructors- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. and Thomas Giammatteo, D.C.; P.T.; I.M.P.,C. Middletown, PA. October 1-3, 1998.

MYOFASCIAL RELEASE FOR THE NEUROLOGIC PATIENT: Instructor- Kris Albrecht, M.S., P.T. I.M.P.,C. Bloomfield, CT. June 12-14, 1998

INTEGRATIVE MANUAL THERAPY FOR TREATMENT OF THE AUTONOMIC NERVOUS SYSTEM AND RELATED DISORDERS WITH ADVANCED STRAIN AND COUNTERSTRAIN TECHNIQUES: Instructor: Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Toronto, Ontario-Canada May 22-24, 1998.

NEUROMUSCULAR FUNCTION WITH MANUAL THERAPY FOR THE ORTHOPEDIC AND NEUROLOGIC PATIENT EMPHASIZING STRAIN AND

COUNTERSTRAIN TECHNIQUE: Instructor: Sue Digeser-Stebbins, P.T. I.M.P.,C. Milwaukee, WI April 24-26, 1998.

CRANIAL THERAPY SERIES: PART One: Instructor- Kris Albrecht, M.S.; P.T. I.M.P.,C. Toronto, Ontario-Canada April 17-19, 1998.

MUSCLE ENERGY TECHNIQUES AND BEYOND FOR THE PELVIS, SACRUM, CERVICAL, THORACIC AND LUMBAR SPINE: Instructor- Sharon W. Giammatteo, PhD.; P.T.,I.M.P.,C. Kansas City, MO. March 6, 1998.

CRANIOSACRAL THERAPY LEVEL II: Instructor- Fred B. Stahlman, P.T. Stanford, CT. November 2-4, 1997.

CRANIOSACRAL THERAPY LEVEL I: Instructor- Judith Sullivan-Felton P.T. Hanover, NJ. July 25-27, 1997.

THRESHOLD ELECTRIC STIMULATION: ADVANCED COURSE II: Instructors- Dr. Karen Pape and Dr. Sarah Mullet Ho-Ho-Kus, N.J. May 8-10, 1996.

NEURODEVELOPMENTAL TREATMENT: ADVANCED GAIT, TRUNK, AND PELVIS COURSE: Instructor- Joan Day-Mohr, P.T. Ho-Ho-Kus, N.J. September 5-10, 1995.

THRESHOLD ELECTRIC STIMULATION: INTRODUCTORY COURSE: Instructors- Dr. Karen Pape and Dr. Sarah Mullet NYC. NY. May 2-4, 1995.

SENSORY INTEGRATION AND MOTOR DEVELOPMENT IN THE DEVELOPING YOUNG CHILD: Instructor- Michelle Harris, M.S. O.T.R. Cape May, N.J. September 12-14, 1990.

NEURODEVELOPMENTAL TREATMENT OF THE YOUNG INFANT- Instructor- Francine Martin-Stern, P.T. NYC, N.Y. February 4-9, 1988.

MAITLAND SPINAL MOBILIZATION CERTIFICATION COURSE: Hellen Hayes Hospital West Havestraw, NY. January 2-16, 1986.

FOOT FUNCTION AND IT'S RELATIONSHIP TO POSTURE IN THE PEDIATRIC PATIENT WITH CEREBRAL PALSY AND OTHER NEUROMUSCULAR DISORDERS: Instructor: Dr. Paul Jordan D.P.M. and Staff of Langer Biomechanics Group, June 20-22, 1983.

NEURODEVELOPMENTAL TREATMENT: EIGHT WEEK CERTIFICATION COURSE IN THE TREATMENT APPROACH TO CEREBRAL PALSY: Instructor- Joan Day-Mohr and Margaret McGee Paramus, N.J. May 1- June 28, 1983.

FOOT MANAGEMENT IN CENTRAL NERVOUS SYSTEM DISORDERS: Instructor- Dr. Paul Jordan D.P.M. Valhalla, N.Y. April 16-17, 1983.

ABDOMINAL MOVEMENT PATTERNS IN CHILDREN, IDENTIFICATION AND INTERVENTION STRATEGIES: Instructor- Gordon Williamson East Hanover, N.J. March 11-13, 1983.

SPECIAL WHEELCHAIRS FOR SPECIAL CHILDREN: Instructor- Margaret McGee, P.T. Bergenfield, NJ. January 6-7, 1983.

FUTURISTIC VIEW OF PHYSICAL THERAPY IN NEONATAL CARE: Instructor- John Chapel, P.T. NYC. NY. October 15-16, 1982.

HIGH RISK INFANTS: Instructors- Dr. John Driscoll, Dr. Ram Kiram, Dr. Raymond Stark, Colleen Coulter, P.T. and Francine Martin-Stern, P.T. NYC. NY. April 28-30, 1982.

SENSORIMOTOR BEHAVIOR OF ATYPICAL INFANTS AND TODDLERS: Instructor- Gordon Williamson, Edison, N.J. March 20-22, 1982.

INFANT DEVELOPMENT: Instructor: Ms. Pat Vardin, Ph.D. Columbia University Graduate School January-May 1980.

PRE-SPEECH AND FEEDING DISORDERS IN INFANTS AND YOUNG CHILDREN: Instructor: Justine Joan Sheppard, Montclair, N.J. January-May 1980.

POSITIONING AND ADAPTIVE EQUIPMENT FOR THE CHILD WITH CNS DEFICITS: Instructor- Adrienne Bergen, P.T. Cherry Hill, NJ. May 11-13, 1980.

NEURODEVELOPMENTAL TREATMENT: FIVE DAY INTRODUCTORY COURSE: Instructor- Renee Leimgruber, P.T. Paramus, NJ. March 20-25, 1980.

INTRODUCTION TO NEURODEVELOPMENTAL TREATMENT APPROACH TO CEREBRAL PALSY: Instructor- Renee Leimgruber, P.T. Edison, N.J. January 1980.

SYMPOSIUM ON A PEDIATRIC REHABILITATION UPDATE: Sponsored by Columbia College of Physicians and Surgeons at Blythedale Childrens Hospital. Valhalla, N.Y. April 7-8, 1979.

DIAGNOSIS OF NEUROMUSCULAR DISEASE IN THE INFANT: Instructor- Dr. Sidney Carter, Director of Pediatric Neurology, Blythedale Childrens Hospital. Valhalla, N.Y. March 15-16, 1979.

PROFESSIONAL ORGANIZATIONS:

Member of American Physical Therapy Association.

Member of the Pediatrics and Cardio-Pulmonary Sections of the A.P.T.A.

Member of the NeuroDevelopmental Treatment Association.

Licensed Physical Therapist in New Jersey and New York.

State of N.J. - School Physical Therapist Certification.