

Course Description:

Join us for a one-day workshop leading to Interactive Metronome® (IM) Provider Certification. IM is a cutting-edge assessment and treatment tool that improves synchronization in the brain resulting in greater neural efficiency and demonstrable treatment outcomes in areas where synchronized timing in the brain is critical. The human capabilities of attending/focusing, processing information, remembering/learning, reading/writing, speaking/comprehending, controlling behavior & impulses, and coordinating motor movements are integrally linked to how well the brain can process time (temporal processing) and how well regions of the brain can work in unison to perform these tasks (synchronization). Learn how practitioners around the world are incorporating IM into their therapies and educational interventions to improve outcomes for individuals with AD/HD, Autism Spectrum Disorders, Sensory Processing Disorders, Auditory Processing Disorder, Dyslexia and other reading & learning disorders, Developmental Coordination Disorder, Tourette Syndrome, Traumatic Brain Injury, Stroke, Parkinsons, MS, and more. This course welcomes OT/COTAs, SLP/SLPAs, PT/PTAs, ATCs, Educators, Licensed Rehabilitation, Medical, and Mental Health Professionals, Psychiatrists, Neurologists, Psychologists, and Chiropractic Care Professionals. No prior knowledge of IM is required. This stimulating workshop includes clinical rationale for addressing neural synchronization/efficiency, candidacy for IM, significant research findings, complete instruction regarding navigation and use of IM software & hardware, and clinical application/best practices for use with children and adults in neuro/ortho habilitation/rehabilitation and educational settings. This is an engaging course where participants interact, brainstorm, and receive a great deal of hands-on experience throughout the day. Participants will be able to demonstrate basic understanding of both the technical and clinical applications of the IM. Upon completion of this certification course, participants are required to participate in Clinical Certification Coaching to ensure proficiency and competency with the Interactive Metronome before using it with students or patients.* Contact hours are offered pending successful completion of a written exam at the end of the course.

***NOTE:** Upon completion of the IM Certification Course, participants must register for and complete required Clinical Certification Coaching. This post-certification course provides ample hands-on competency training to ensure that you are ready to successfully apply the IM in your practice with students & patients. Upon completion of Clinical Certification Coaching, you will be listed as an IM Provider on the IM website. For more information about Clinical Certification Coaching, please go to the education page of our website at www.interactivemetronome.com and click on IM System Coaching. Our goal is to help you and those you serve succeed!

Learning Outcomes:

Upon completion of this course, participants will be able to:

- Discuss the relevance of temporal processing & neural synchronization as it pertains to ortho/neuro rehabilitation and education;
- Cite peer-reviewed research studies that support the efficacy of incorporating treatment for temporal processing/neural efficiency into therapies and educational efforts that are aimed at improving cognitive, communicative, behavioral, sensory, motor, and learning skills;
- Determine candidacy for IM assessment/treatment based upon knowledge of areas of function influenced by the ability to process time;
- Competently administer and interpret IM assessments;
- Develop individualized goals for IM treatment that are both functional and measurable;
- Create & execute individualized IM treatment plans;
- Modify IM treatment approach based upon patient needs & response to treatment in order to facilitate a positive experience & successful outcomes;
- Produce and interpret IM assessment & treatment reports;
- Select sensitive pre and post assessment tools to measure effectiveness of IM & generalization of gains to functional contexts.

***Note:** This course covers information that pertains to licensed therapists and therapy assistants. COTA and PTA professionals must practice IM under the supervision of a licensed OT or PT.

Specific Learning Outcomes for Speech-Language Pathologists and Audiologists:

Upon completion of this course, participants will be able to:

- Demonstrate evidence-based practice through knowledge regarding available research and supporting literature for use of Interactive Metronome® (IM) in the remediation of speech/language and cognitive/linguistic disorders;

- Competently administer and interpret IM assessments;
- Write objective, measurable & functional goals in order to gauge meaningful IM treatment outcomes;
- Demonstrate appropriate clinical application of IM in pediatric, adolescent, and adult/geriatric patient populations for individualized remediation of developmental and acquired neurogenic speech-language, auditory processing & cognitive-linguistic disorders;
- Produce and interpret IM assessment & treatment reports;
- Select appropriate speech/language and cognitive/linguistic assessment batteries to objectively measure changes pre- and post-IM treatment & generalization to functional contexts.

***Note: This course covers information that pertains to licensed therapists and therapy assistants. SLPA professionals must practice IM under the supervision of a licensed SLP.**

Agenda:

07:15 – 07:45	Registration & Continental Breakfast
07:45 - 10:00	<ul style="list-style-type: none"> • Introduction to Interactive Metronome • Neural Timing & Synchronization: What Does Research Tell Us? What Skill Areas are Affected by Timing? • IM-Specific Research • IM Assessments (including demonstrations, interpretation, & workshops)
10:00 - 10:15	Break
10:15 - 12:30	<ul style="list-style-type: none"> • IM Assessments (continued) • Student/Patient/Family/Caregiver Education • Strategies to Facilitate Successful Training • Documentation, Insurance & Reimbursement • IM Training (including adaptations for different ages and abilities, live & video demonstrations, interpretation of results/reports, small group discussions & workshops)
12:30 - 01:30	Lunch
01:30 - 03:15	<ul style="list-style-type: none"> • IM Training (including adaptations for different ages and abilities, live & video demonstrations, interpretation of results/reports, small group discussions & workshops)
03:15 - 03:30	Break
03:30 – 05:00	<ul style="list-style-type: none"> • IM Training (including adaptations for different ages and abilities, live & video demonstrations, interpretation of results/reports, small group discussions & workshops)
05:00 – 05:15	• Exam

CEUs Offered for:

- 0.8 ASHA (SLP/SLPAs)
- 0.8 AOTA (OT/COTAs)
- 8.0 BOC (ATs)

*PTs & PTAs: Applied for CEUs in Florida. Others may submit paperwork to your state board for CEUs. Check your state for eligibility.

Instructor (one of the following):

April Christopherson, OTR/L has been an Occupational Therapist for almost 20 years and has worked with diverse populations in a variety of settings – including home health, private clinic and in-patient rehabilitation. She is the owner of MaxAchieve, Inc. in Colorado Springs, CO where her current clientele range from pediatrics to adults to high performance athletes, both stateside and internationally. She believes in a whole, team approach to the client – including various medical professionals and therapists plus the use of functional neurology and metabolic/nutrition counseling. She also works exclusively with the Shandy Clinic in Colorado Springs, CO providing solutions to families with children suffering from Autism, Asperger's, ADHD, and other diagnoses. April has worked as a legal consultant and as an expert witness throughout the United States. April was granted her degrees in Occupational Therapy and Psychology from St Ambrose University in Davenport, IA in 1991.

Instructor Financial Disclosure(s): April is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. April is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. April does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): April periodically contributes blog posts to www.interactivemetronome.com that are clinical in nature. She does not receive compensation for this.

Dara Coburn, MS, CCC-SLP received her undergraduate and masters degree from the University of Central Arkansas and holds the Certificate of Clinical Competence issued by the American Speech-Language-Hearing Association. Dara is the National Program Champion for Interactive Metronome within the HealthSouth Corporation. She also serves as Interactive Metronome's Clinical Support contact person for Life Care Centers of America. With expertise and experience in the field of neurological disorders, Dara was able to accept this new treatment tool and has been able to successfully integrate it into her practice by modifying it to individually meet her patient's needs.

Instructor Financial Disclosure(s): Dara is an active member of Interactive Metronome's Clinical Advisory Board, for which she receives an annual honorarium. She is the author/co-author of educational offerings on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. Dara is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. Dara provides clinical consultation to IM providers and receives a consulting fee from Interactive Metronome for these extended educational services. Dara does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Dara does not have any relevant nonfinancial relationships to disclose.

Heather Cross, OTR/L, has been an Occupational Therapist for 17 years. Her scope of practice has included hand therapy, orthopedic rehab, home health, school based therapy, acute care, and pediatrics. She is the co-owner of Performance Advantage, LLC in Colorado Springs, CO. Her current clientele includes a population that ranges from pediatrics to adult. She also works with high performance and pro athletes. She uses a holistic approach with all of her clients; utilizing various medical professions, treatment techniques, functional neurology, and metabolic/nutritional counseling. Heather received her BS in Occupational Therapy from Colorado State University in 1993. Since that time she has been an advocate of continuing education and sponsoring students in their fieldwork assignments at all levels. She has furthered her education through various courses and self study over the last 17 years. Recent courses taken have been chosen to help with her belief that clients can recover neurological functioning at all ages. Some of these programs include: the Listening program, the Alert Program, Sensory integration techniques, and studies in neurology. Heather uses Interactive Metronome as part of an intensive neurological treatment option for qualified clients and as an introductory functional treatment option for pediatrics. She is a huge proponent of the Interactive Metronome following several years of great success using IM with her clientele.

Instructor Financial Disclosure(s): Heather is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. Heather is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. She provides clinical consultation to IM providers and receives a consulting fee from Interactive Metronome for these extended educational services. Heather does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Heather does not have any relevant nonfinancial relationships to disclose.

Andrew Dillen Hartley, OTR/L graduated from the University of Pretoria, South Africa, school of Occupational Therapy in 1995 and moved to the USA in 1996. He is co-owner of Advanced Therapy Solutions, Inc, an outpatient Physical and Occupational Therapy practice serving clients of all ages in five locations. Mr. Hartley has 14 years of clinical experience and is trained in multiple treatment approaches with both adults and pediatrics. His interests include the treatment of deficits related to stroke, traumatic brain injury, Autism, development disorders, sensory processing disorders, ADHD, ADD and learning disabilities in infants, children and adults. His experience with sensory integration, neuromuscular re-education, brain gym, vision therapy, environmental adaptation, Tai-Chi, yoga and technology based treatment approaches for all ages has served him well as a presenter of certification courses, webinars and professional seminars. Mr. Hartley serves as a clinical advisor for Interactive Metronome and other "Therapy based" companies in research, protocol and practice development areas.

Instructor Financial Disclosure(s): Dillen is an active member of Interactive Metronome's Clinical Advisory Board, for which he receives an annual honorarium. He is the author/co-author of numerous courses that focus on the clinical application of Interactive Metronome technology, for which he has received honoraria. Dillen does not receive royalties or any other form of compensation for the continued publication and use of educational materials he has authored/coauthored. Dillen is also an instructor for Interactive Metronome, for which he receives a fee for teaching each course and reimbursement of travel expenses. Dillen does not sell or receive compensation for the sale of Interactive Metronome products.

Education Department Contact Info:imcourses@interactivemetronome.com, 877-994-6776 opt 4 (US Only), 954-385-4660 opt 4, Fax: 954-385-4674

Instructor Nonfinancial Disclosure(s): Dillen does not have any relevant nonfinancial relationships to disclose.

Lorraine Sgarlato, CCC-A, Au.D., received her doctorate degree in Audiology from the Pennsylvania College of Optometry's School of Audiology. She has been an audiologist for 27 years. She has held the Certificate of Clinical Competence issued by American Speech Hearing Language Association since 1984. Dr. Inducci is considered an expert in the field of auditory processing disorder and children with language based learning disabilities. Dr. Inducci is on staff at Robert Wood Johnson Hospital in Hamilton New Jersey where she works with a broad population of infants through adult. She performs audiological evaluations, auditory processing testing and therapy, hearing aid fittings, and vestibular testing. Dr. Inducci has had a private practice in Yardley Pennsylvania since 1996. She employs teachers and therapists to evaluate and treat children with auditory processing, A.D.H.D., P.D.D., and language learning disabilities. Her practice concentrates on evidence-based therapies and practices which Dr. Inducci is certified in providing. These therapies include Fast ForWord Language programs, The Listening Program, Interactive Metronome, Lindamood-Bell programs, as well as other multisensory reading programs. Dr. Inducci serves the community as an advocate and expert witness for children with various learning disabilities, including those in the autism spectrum. She often lectures to the community and to professionals on Brain Fitness, APD, Autism, ADHD, and vestibular rehabilitation. Dr. Inducci became an IM provider soon after the company went public. She is proud to be a member of the Interactive Metronome family and looks forward to educating the professional community on IM therapy and best practices.

Instructor Financial Disclosure(s): Lorraine is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. Lorraine is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. She does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Lorraine does not have any relevant nonfinancial relationships to disclose.

Mary Jones, OTR/L, LMT, CIMT graduated from St. Loye's School of Occupational Therapy (UK) in 1986. Has been an Occupational Therapist for 20 (+) years and has been practicing in the USA since 1993. Additional training has included a BS in Healthcare and Social Welfare from Manchester University in 1992, Massage Therapy License in 1996, NDT certification in 1994. Mary has worked in a variety of healthcare settings in both the USA and the UK. These include home health in the inner-city (London), orthopedics, geriatric psychiatry, outpatient rehab, brain injury specialty (adult and pediatric) and pediatric outpatient therapy. Clinical advanced training includes NDT advanced courses, infant massage certification, cranio-sacral therapy, myofascial release techniques, motor control and the development of motor learning, Therapeutic Listening Program, Integrated Listening Systems, Brain Gym, Pilates, Active Isolated Stretching Techniques, Visual-motor Training, Vestibular Training, Beckman Oral Motor Assessment and Intervention, Handwriting Without Tears, ADHD and Nutrition Interventions, Aromatherapy, Aquatic Therapy, Sensory Integration assessment and interventions, Autism assessment and interventions, Interactive Metronome Certification and Development of Best Practice Strategies with IM. Mary owns her own pediatric practice "Sensational Kids LLC", based out of Bradenton, FL. Mary has lectured extensively in her field at a local and national level.

Instructor Financial Disclosure(s): Mary is an active member of Interactive Metronome's Clinical Advisory Board and is Interactive Metronome's Occupational Therapy Consultant for the American Occupational Therapy Association (AOTA), for which she receives an annual honorarium. She is the author/co-author of numerous courses & publications that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. Mary does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. Mary is an instructor for Interactive Metronome. She receives a fee for teaching each course and reimbursement of travel expenses. Mary does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Mary periodically contributes blog posts to www.interactivemetronome.com that are clinical in nature. She does not receive compensation for this.

Jonathan P. McKee, OTR/L earned a Bachelor's degree in Occupational Therapy from the Medical College of Georgia and a Bachelor's degree in Business Administration from the University of Central Florida. He is the proprietor of Life Cycle Therapy providing specialized evidence based treatments focusing on the child's individual potential to improve. In his practice he uses specific sensory-based approaches to make neurological changes. Jonathan earned the RIMC designation from IM in 2006 and has successfully implemented the IM Home programs with children and adults for the past several years. He has been interviewed for both the Birmingham News and TalkAutism about the success his clients have experienced with IM. He has earned various certifications and licenses and received the Achiever's Award for Dedicated Service to Children. Jonathan has focused on bringing the IM conveniently to his clients' homes and has learned how to adapt the IM for clients ranging from limited to accelerated abilities.

Instructor Financial Disclosure(s): Jonathan is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which he has received honoraria. He does not receive royalties or any other form of compensation for the continued publication and use of educational materials he has authored. Jonathan is also an instructor for Interactive Metronome, for which he receives a fee for teaching each course and reimbursement of travel expenses. Jonathan does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Jonathan does not have any relevant nonfinancial relationships to disclose.

Lisa Poe, OTR/L graduated with a Bachelor's degree in Occupational Therapy from the University of Mississippi Medical Center in 199. She is currently working for Methodist Rehabilitation Center Quest Program which is a Community Re-Entry Program for TBI and CVA clients. She also has experience working with SCI and numerous neurological diagnoses and orthopedic upper extremity injuries. She is trained in multiple treatment approaches for neurological adolescent and adult population. In addition to using the Interactive Metronome with the majority of her patients, Lisa also specializes in Constraint Induced Therapy and has combined these two programs creating an individual treatment protocol for each client.

Instructor Financial Disclosure(s): Lisa is the author/co-author of courses that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored.. Lisa is also an instructor for Interactive Metronome,

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for which she receives a fee for teaching each course and reimbursement of travel expenses. Lisa does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Lisa does not have any relevant nonfinancial relationships to disclose.

Michele Santer, MOT, OTR/L graduated with a Masters Degree in Occupational Therapy from Duquesne University. She is the Senior OT for Health South Western Hills in Parkersburg, WV. She treats both adults and pediatrics with CVA, TBI, orthopedic injuries, Autism, ADD and sensory processing disorders. In addition to the Interactive Metronome, she is advanced trained Sarbo therapist, Hand Mentor, Bioness H200 and L300, myofascial release, Therapeutic Listening Program, Pilates, Drivers Rehabilitation and nutritional intervention in Autism and ADD. She lectures locally on a variety of community education topics.

Instructor Financial Disclosure(s): Michele is the author of a webinar on the clinical application of Interactive Metronome technology. She received an honorarium from Interactive Metronome, Inc for the development and presentation that webinar. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. Michele is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. She does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Michele does not have any relevant nonfinancial relationships to disclose.

Nikki Smith, MS, CCC-SLP is a speech-language pathologist. She graduated from the University of South Florida with a Master's in Communication Sciences and Disorders in 2001. Nikki participated in a five-part research thesis, chaired by Dr. Elaine Silliman, that examined the relationship between African-American English and phonological processing. Nikki specializes in pediatrics and currently works at a rehabilitation hospital where she treats children and adults with a variety of diagnoses. She also helps facilitate their Brain Injury Support Group. She has been certified in Interactive Metronome (IM) since 2006 and has used it with many of her pediatric and adult patients with much success.

Instructor Financial Disclosure(s): Nikki is an active member of Interactive Metronome's Clinical Advisory Board, for which she receives an annual honorarium. She is the author/co-author of courses that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. Nikki is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. Nikki does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Nikki does not have any relevant nonfinancial relationships to disclose.

Shelley Thomas, MPT received her physical therapy degree from the Mayo Clinic in 1999 and is currently the Director of Rehabilitation at Idaho Elks Rehabilitation Hospital in Boise, Idaho. She has worked primarily adults with neurological and general medical issues and has embraced incorporating Interactive Metronome and Gait Mate into treatment sessions. She serves as the lead therapist at her facility working with physical, occupational, speech, and recreational therapists to educate them about how to incorporate IM and Gait Mate into their treatments to improve functional outcomes. Shelley has been teaching IM Certification Courses since 2008 and has contributed to the development of the Gait Mate Certification Course.

Instructor Financial Disclosure(s): Shelley is an active member of Interactive Metronome's Clinical Advisory Board, for which she receives an annual honorarium. She is the author/co-author of courses that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. Shelley is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses. Shelley does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Shelley does not have any relevant nonfinancial relationships to disclose.

Amy Vega, MS, CCC-SLP received her master's degree in speech-language pathology from the University of South Florida in 1994 and holds the Certificate of Clinical Competency from the American Speech Language & Hearing Association (ASHA). She specializes in adolescent and adult rehabilitation for patients diagnosed with traumatic brain injury, stroke, epilepsy, brain tumor & and other disease processes that affect communication, cognition, and behavior. She currently serves as Director of both the Clinical Education Department and the Clinical Advisory Board for Interactive Metronome, Inc. and is their Continuing Education Administrator. She provides clinical support to IM providers globally, serves as Editor in Chief for IM's clinical publications and website FAQ/Best Practices search engine, develops IM certification materials, and is the master-trainer for IM certification instructors.

Instructor Financial Disclosure(s): Amy is an employee of Interactive Metronome, Inc (IM). She receives a salary for her role as IM Clinical Education Director, Clinical Instructor, and IM Clinical Advisory Board Director. She has also received limited shares of stock as compensation. Amy has authored/coauthored IM training modules for which she received honoraria. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. When teaching, she receives a fee and reimbursement of travel expenses. Amy does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Amy does not have any relevant nonfinancial relationships to disclose.

Disclosure:

The Interactive Metronome, Inc. has developed and patented a licensed technology trademarked as the Interactive Metronome®. (U.S. Patents #4,919,030; #5,529,498; #5,743,744; #6,719,690; other U.S. and foreign patents pending) Interactive Metronome, Inc. is the sole source of the following products: Interactive Metronome®, Gait Mate® and IM Home®. Because there are no other like-kind products available, course offerings will only cover information that pertains to the effective and safe use of the above-named products.

Effective July 1, 2011, individuals must meet at least one of the following conditions in order to be eligible to earn ASHA CEUs.

- ASHA Member (includes Life member and International affiliates)
- ASHA Certificate of Clinical Competence (CCC) Holder
- Licensed by a state or provincial regulatory agency to practice speech-language pathology (SLP) or audiology
- Credentialed by a state regulatory agency to practice SLP or audiology
- Credentialed by a national regulatory agency to practice SLP or audiology
- Currently enrolled in a masters or doctoral program in SLP or audiology



APPROVED PROVIDER of
CONTINUING EDUCATION
by **The American Occupational
Therapy Association, Inc.**

Interactive Metronome is approved by the Continuing Education board of AOTA to provide continuing education activities in occupational therapy. This program is offered for 0.8 CEUs (Introductory Level). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.



Interactive Metronome, Inc. is recognized by the Board of Certification, Inc. to offer continuing education (CE) for Certified Athletic Trainers (ATs). This program has been approved for a maximum of 8.0 CEUs (Essential Level). ATs are responsible for claiming only those hours actually spent participating in the CE activity.