proudly presents:

The Biomedical Theory of Music Therapy:
Using Brain Functioning as a Basis for Understanding Music as Therapy

Dale B. Taylor, Ph.D., MT-BC, Instructor

Saturday, October 2 & Sunday, October 3, 2010
8:00 a.m. - 4:15 p.m.

Location: Alverno College • 3400 S. 43rd St. • Milwaukee, WI
Alphonsa Hall 258 (Choir Room)

$175 Earlybird registration fee (MT-BC's - 16 CMTE's)
(received July 19 - September 2, 2010)

$190 Standard registration fee
(received September 3 - October 1, 2010)
no on-site registrations accepted

$35 registration fee students and interns (no credit)
no on-site registrations accepted

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16 CMTE credits for Board Certified Music Therapists

The Biomedical Theory of Music Therapy: Using Brain Functioning as a Basis for Understanding Music as Therapy is approved by the Certification Board for Music Therapists (CBMT) for 16 Continuing Music Therapy Education credits. Credits awarded by CBMT are accepted by the National Board for Certified Counselors (NBCC). The Great Lakes Region of The American Music Therapy Association, #P-021 maintains responsibility for program quality and adherence to CBMT Policies and Criteria.

Learner Objectives:

Participants who take this course will learn how to: (Numbers in parentheses correspond to the CBMT Scope of Practice as shown in the Approved Provider manual)

1. Describe the focus and content of the Biomedical Theory of Music Therapy and each of its five hypotheses. [III.A.2.c]
2. Demonstrate knowledge of the effects of prenatal and postnatal musical experience on brain functioning and the relationship between those effects and the concept of Patient Specific Music (PSM) in selecting musical material for therapeutic interventions. [II.E.4.a]
3. Describe the use of musical effects on cortical processing to enhance cognitive behavior in developmentally disabled, dementia, psychotic, and autistic clients. [III.A.1.h.3)]
4. Provide a biological explanation for the positive effects of specific musical applications in treating depression and eating disorders. [III.A.2.c.]
5. Describe the neurological processes involved when music is used to raise the pain threshold.[III.A.1.f.8.]
6. Describe the neural and endocrine changes that lead to immune system recovery as a result of musical influences. [III.A.1.f.7.]
7. Demonstrate knowledge of the concept of "neural plasticity" in the human brain and musical procedures designed to facilitate this process in helping regain specific language functions. [III.A.1.g.2.]
8. Describe the biology of cortical arousal using musical experience and application of this procedure for reaching objectives with TBI patients. [III.A.1.g.7)]

Weekend Schedule:

Saturday October 2, 2010 - 7:30 a.m. Registration & Breakfast

8:00 – 8:15 a.m.	Housekeeping, CMTE Instructions
8:15 – 8:30 a.m.	Overview of Weekend Schedule, Professional Background Review
8:30 – 10:30 a.m.	History and Components of the Biomedical Theory of Music Therapy, Applicability to Client Populations and to other Approaches and Intervention Strategies
10:30 – 10:45 a.m.	Break – refreshments provided
10:45 – Noon	The Neurophysiology of Musical Behavior, Neurotransmitters and Responses to Music, Musically Elicited Effects on Brain Functions
Noon – 1 p.m.	Lunch on your own
1:00 – 2:30 p.m.	Questions from the morning; The Biology of Cognition and Learning, Therapeutic Use of Cortical Structures in Music Based Skill Development
2:30 – 2:45 p.m.	Break – refreshments provided
2:45 – 4:15 p.m.	The Biology of Pain Perception, Nociception, and Pain Management Through Music Questions, references and resources

Sunday October 3, 2010 - 7:30 a.m. Registration & Breakfast

8:00 – 8:30 a.m.	Check In, Overview of Today
8:30 – 10:30 a.m.	The Biomedical Basis for Using Music in the Treatment of Mental Disorders such as Depression, Schizophrenia, and Anxiety
10:30 – 10:45 a.m.	Break – refreshments provided
10:45 – Noon	Diseases of Aging, Musical Effects on Brain Functions in Elderly Patients
Noon – 1 p.m.	Lunch on your own
1:00 – 2:30 p.m.	Speech Language Centers in the Brain; Neural Plasticity and the Effects of Music on Brain Functioning During Music-Verbal S/L Rehabilitation
2:30 – 2:45 p.m.	Break - refreshments provided
2:45 – 4:00 p.m.	The Biology of Cortical Arousal Through Music and Clinical Applications Questions & Discussion
4:00 – 4:15 p.m.	MT's take post-test

The Biomedical Theory of Music Therapy

Registration

Name _____ **Credentials** _____

Street Address _____

City, State, Zip _____

Home Phone _____ **Cell Phone** _____

E-mail _____

I am applying for: (circle one) **16 CMTE's** **no credit (interns)**

Fee: ☐ **$175 (received July 19 - September 2, 2010)**

☐ **$190 (received Septmber 3 - October 1, 2010)**
no on-site registration accepted

☐ **$35 (students and interns only - no credit)**
no on-site registration accepted

Payment Method: **Check**

Credit Card: (circle one) **Mastercard** **Visa** **Discover**

Card number _____ **Expiration Date** _____

Signature _____

Make checks payable to *Alverno College*; payment must accompany registration.

Alverno College Institute for Educational Outreach
P.O. Box 343922
Milwaukee, WI 53234-3922

Registrations with credit card payment may be faxed to: 414/382-6088

Cancellation and refund policy:
Conference fees will be refunded minus a $25 processing charge for participant-canceled programs ONLY when the written request is received by the Institute for Educational Outreach office within 5 working days before the event. No refunds will be granted less than 5 working days prior to the conference date. Due to contractual agreements, there are no exceptions to this policy.

If you need to cancel you registration, send your request in writing no later than September 24, 2010 to:

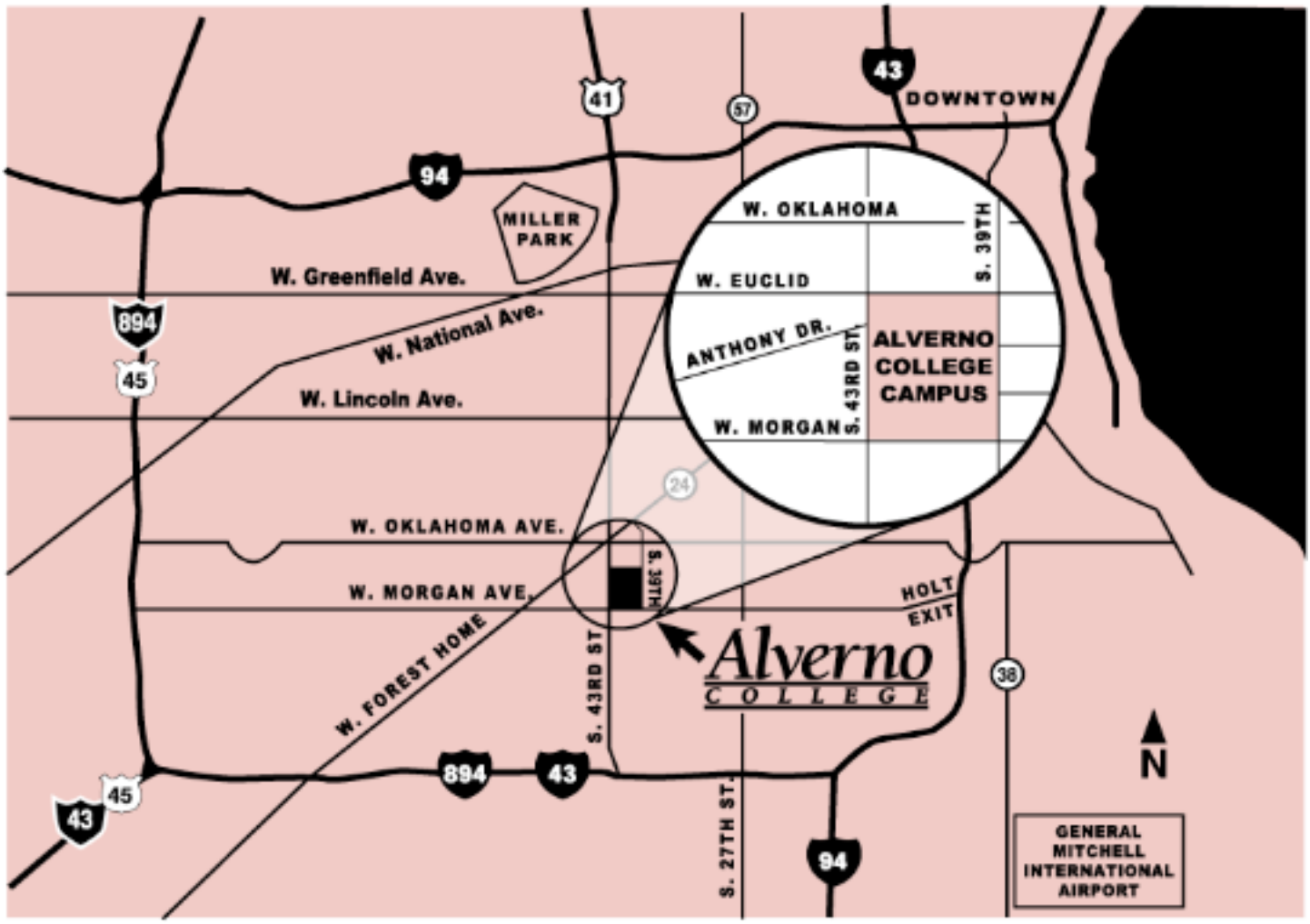
Alverno College Institute for Educational Outreach
P.O. Box 343922
Milwaukee, WI 53234-3922
or e-mail: institute@alverno.edu

About Dale B. Taylor

Prof. Dale B. Taylor, Ph.D., MT-BC; Chair, Board of Directors of the Wisconsin Board on Aging and Long Term Care; Wisconsin Quality Home Care Authority Board of Directors; AMTA International Relations Committee; Visiting Professor, Augsburg College; Author, Biomedical Foundations of Music as Therapy, MMB Music, Inc., 1997; Music Therapy Neurology Network; Music Therapy for Addictions Network; Professor Emeritus and Founder of the Music Therapy degree program and served eight years as Chair of the Department of Allied Health Professions at the University of Wisconsin-Eau Claire; earned Bachelors, Masters, and Doctoral degrees at the University of Kansas; former Editor, International Journal of Arts Medicine; published in the Journal of Music Therapy, Music Therapy Perspectives, Introduction to Approaches in Music Therapy, Newsletter of the Wisconsin Psychiatric Institute; past member of the AMTA and NAMT Assembly of Delegates; served as NAMT Certification-Registration Chair and Student Affairs Coordinator; past Board member of the Wisconsin Institute for Public Health, International Association of Music for the Handicapped, International Arts Medicine Association, and Music Education for the Handicapped; opening speaker 2008 Mozart & Science Conference, Vienna Austria.

Map and Directions

Alverno's campus, just 15 minutes from downtown Milwaukee and General Mitchell International Airport, is easily accessible.
Address: 3400 S. 43rd Street, Milwaukee, WI 53234-3922



From Chicago:
Take I-94 north to Milwaukee. Take the Howard/Holt Avenue exit. Exit on Holt and go west (left). Holt becomes Morgan Avenue. Continue going west to 43rd Street (2.5 miles). Turn right on 43rd Street. The main entrance to campus will be on your right.

From Green Bay:
Take I-43 south to Milwaukee. Proceed to I-94 toward Chicago. Exit on Holt Avenue, go west. Holt becomes Morgan Avenue. Continue going west to 43rd Street (2.5 miles). Turn right on 43rd Street. The main entrance to campus will be on your right.

From Madison:
Take I-94 east to Milwaukee to Miller Park Way (south). Miller Park Way becomes 43rd Street. Continue south on 43rd Street past Oklahoma Avenue. The main entrance to the college will be on your left.

From Mitchell International Airport:
Take the Downtown Milwaukee exit and go north on I-94. Take the Howard/Holt Avenue exit. Exit on Holt and go west (left). Holt becomes Morgan Avenue. Continue west to 43rd Street (2.5 miles). Turn right on 43rd Street. The main entrance to campus will be on your right.

Other Information

When you arrive at the college:

Park in the lot at the corner of 39th St. and Morgan Ave. Enter Alphonsa Hall (entrance is south most door facing the east) and proceed up the stairs or elevator to the second level. AL 258 is located up the short stairway to the right.

Food & Beverage

Breakfast will be provided, in addition to morning and afternoon snacks. Lunch is on your own.

The Commons will be open for lunch both days of the seminar.
A variety of fast food restaurants are also located on and around South 27th Street.

Questions?

For questions regarding Alverno College, please contact Julie Borgealt at:
Julie.Borgealt@alverno.edu
414/382-6435

For questions regarding CMTE's or other music therapy related concerns,
please contact Nancy Dexter - Schabow at:
ndexschabow@hotmail.com
414/651-0011