



**MASSAGE THERAPY AND BODYWORK THERAPY
AFFILIATED CREDENTIALING BOARD
Room 121C, 1400 East Washington Avenue, Madison
Contact: Tom Ryan (608) 266-2112
July 19, 2016**

The following agenda describes the issues that the Board plans to consider at the meeting. At the time of the meeting, items may be removed from the agenda. Please consult the meeting minutes for a record of the actions of the Board.

AGENDA

9:00 A.M.

OPEN SESSION – CALL TO ORDER – ROLL CALL

A) Adoption of Agenda (1-4)

B) Approval of Minutes of February 2, 2016 (5-9)

C) Administrative Updates

- 1) Appointments/Reappointments/Confirmations
- 2) Department and Staff Updates
- 3) September 15, 2016 Meeting – FSMTB Visit
- 4) Board Members – Term Expiration Dates
 - a) Darlene Campo – 07/01/2018
 - b) Robert Coleman – 07/01/2018
 - c) Carla Hedtke – 07/01/2018
 - d) Elizabeth Krizenesky – 07/01/2018
 - e) Sharon Pollock – Resigned Effective 07/01/2016
 - f) Mark Richardson – 07/01/2018
- 5) Wis. Stat. s 15.085 (3)(b) – Biannual Meeting with the Medical Examining Board
- 6) Informational Items

D) Elections, Appointments, Reappointments, Confirmations, and Committee, Panel and Liaison Appointments (10)

- 1) Secretary
- 2) Alternate Credentialing Liaison
- 3) DLSC Liaison
- 4) Legislative Liaison
- 5) Screening Panel
- 6) Monitoring Liaison
- 7) Professional Assistance Program (PAP) Liaison

- E) **Legislative/Administrative Rule Matters (11-14)**
 - 1) Review of Proposals for Chs. MTBT 2 and 3
 - 2) Update on Other Legislation and Pending or Possible Rulemaking Projects
- F) **DLSC Summary Data Report – Board Discussion (15-16)**
- G) **Final Report on Quality of Massage Education in the United States (17-53)**
- H) Federation of State Massage Therapy Boards (FSMTB) Matters
- I) **Speaking Engagements, Travel, or Public Relation Requests, and Reports (54)**
 - 1) FSMTB Annual Meeting – October 6-8, 2016 – Cleveland, OH
- J) Informational Items
- K) Items Added After Preparation of Agenda:
 - 1) Introductions, Announcements and Recognition
 - 2) Administrative Updates
 - 3) Education and Examination Matters
 - 4) Credentialing Matters
 - 5) Practice Matters
 - 6) Legislation/Administrative Rule Matters
 - 7) Liaison Report(s)
 - 8) Nominations, Elections, and Appointments
 - 9) Informational Item(s)
 - 10) Disciplinary Matters
 - 11) Presentations of Petition(s) for Summary Suspension
 - 12) Presentation of Proposed Stipulation(s), Final Decision(s) and Order(s)
 - 13) Presentation of Proposed Decisions
 - 14) Presentation of Interim Order(s)
 - 15) Petitions for Re-Hearing
 - 16) Petitions for Assessments
 - 17) Petitions to Vacate Order(s)
 - 18) Petitions for Designation of Hearing Examiner
 - 19) Requests for Disciplinary Proceeding Presentations
 - 20) Motions
 - 21) Petitions
 - 22) Appearances from Requests Received or Renewed
 - 23) Speaking Engagement(s), Travel, or Public Relation Request(s), and Reports
- K) Public Comments

CONVENE TO CLOSED SESSION to deliberate on cases following hearing (§ 19.85 (1) (a), Stats.); to consider licensure or certification of individuals (§ 19.85 (1) (b), Stats.); to consider closing disciplinary investigations with administrative warnings (§ 19.85 (1) (b), Stats. and § 440.205, Stats.); to consider individual histories or disciplinary data (§ 19.85 (1) (f), Stats.); and to confer with legal counsel (§ 19.85 (1) (g), Stats.).

- L) **Deliberation on Division of Legal Services and Compliance (DLSC) Matters**
 - 1) **Administrative Warnings**
 - a) 15 MAB 008 – M.R.L. **(55-56)**
 - 2) **Proposed Stipulations, Final Decisions and Orders**
 - a) 14 MAB 001 – Ping Zhao **(57-63)**
 - b) 15 MAB 001 – Xiaoli Cui **(64-69)**
 - c) 15 MAB 006 – Jeffrey LaBudde **(70-76)**
 - d) 15 MAB 054 – Denis Putikov **(77-83)**
 - e) 15 MAB 056 – Kara Stadel-Infelise **(84-88)**
 - f) 15 MAB 057 – Zhiping Cheng **(89-94)**
 - g) 16 MAB 003 – Canary Dexter **(95-100)**
 - 3) **Case Closures**
 - a) 15 MAB 002 **(101-103)**
 - b) 15 MAB 053 **(104-107)**
 - 4) **Monitoring**
 - a) Josiah Groth – Requesting Modification of Order **(108-122)**

- M) **Proposed Final Decision and Order in the Matter of Disciplinary Proceedings Against Ismail Alshikhly, Respondent, DHA Case No. SPS-16-0016/DLSC Case No. 15 MAB 051 (123-130)**

- N) **Deliberation of Items Added After Preparation of the Agenda**
 - 1) Education and Examination Matters
 - 2) Credentialing Matters
 - 3) Disciplinary Matters
 - 4) Monitoring Matters
 - 5) Professional Assistance Procedure (PAP) Matters
 - 6) Petition(s) for Summary Suspensions
 - 7) Proposed Stipulations, Final Decisions and Orders
 - 8) Administrative Warnings
 - 9) Proposed Decisions
 - 10) Matters Relating to Costs
 - 11) Complaints
 - 12) Case Closings
 - 13) Case Status Report
 - 14) Petition(s) for Extension of Time
 - 15) Proposed Interim Orders
 - 16) Petitions for Assessments and Evaluations
 - 17) Petitions to Vacate Orders
 - 18) Remedial Education Cases
 - 19) Motions
 - 20) Petitions for Re-Hearing
 - 21) Appearances from Requests Received or Renewed

- O) **Consulting with Legal Counsel (131)**

RECONVENE TO OPEN SESSION IMMEDIATELY FOLLOWING CLOSED SESSION

- P) Open Session Items Noticed Above not Completed in the Initial Open Session
- Q) Vote on Items Considered or Deliberated Upon in Closed Session, if Voting is Appropriate
- R) Delegation of Ratification of Examination Results and Ratification of Licenses and Certificates
- S) **Future Agenda Items**

ADJOURNMENT

NEXT MEETING DATE SEPTEMBER 15, 2016

**MASSAGE THERAPY AND BODYWORK THERAPY
AFFILIATED CREDENTIALING BOARD
TELECONFERENCE/VIRTUAL MEETING MINUTES
February 2, 2016**

PRESENT: Darlene Campo, Elizabeth Krizenesky; Mark Richardson, Barbara Yetter

EXCUSED: Sharon Pollock

STAFF: Tom Ryan, Executive Director; Nifty Lynn Dio, Bureau Assistant, and other Department Staff

CALL TO ORDER

Elizabeth Krizenesky, Chair, called the meeting to order at 9:00 a.m. A quorum of four (4) members was confirmed.

ADOPTION OF AGENDA

Amendments to the Agenda

- *Added Item M.3.b: 14 MAB 001 – Lin Li*
- *Item L.1 starts on page 24 corrected from page 23*
- *Announced new member appointed January 29, 2016*

MOTION: Barbara Yetter moved, seconded by Darlene Campo, to adopt the agenda as amended. Motion carried unanimously.

APPROVAL OF MINUTES

MOTION: Darlene Campo moved, seconded by Mark Richardson, to approve the minutes of November 17, 2015 as published. Motion carried unanimously.

ADMINISTRATIVE UPDATES

Appointments/Reappointments/Confirmations

MOTION: Darlene Campo moved, seconded by Barbara Yetter, to authorize Tom Ryan's participation as Chair of the FSMTB's Human Trafficking Task Force. Motion carried unanimously.

Department and Staff Updates

- Dale Kleven – Rules Coordinator
- Eric Esser – Deputy Secretary
- Jeff Weigand – Assistant Deputy Secretary
- Dave Ross – Secretary

ELECTION OF OFFICERS

BOARD CHAIR

NOMINATION: Darlene Campo nominated Elizabeth Krizenesky for the Office of Board Chair.

Tom Ryan called for nominations three (3) times.

Elizabeth Krizenesky was elected as Chair by unanimous consent.

VICE CHAIR

NOMINATION: Elizabeth Krizenesky nominated Darlene Campo for the Office of Vice Chair.

Tom Ryan called for nominations three (3) times.

Darlene Campo was elected as Vice Chair by unanimous consent.

SECRETARY

NOMINATION: Darlene Campo nominated Barbara Yetter for the Office of Secretary.

Tom Ryan called for nominations three (3) times.

Barbara Yetter was elected as Secretary by unanimous consent.

2016 ELECTION RESULTS	
Board Chair	Elizabeth Krizenesky
Vice Chair	Darlene Campo
Secretary	Barbara Yetter

LIAISON APPOINTMENTS

2016 LIAISON APPOINTMENTS	
Credentialing Liaison(s)	Darlene Campo, Alternate – Sharon Pollock
DLSC Liaison	Barbara Yetter, Alternate – Mark Richardson
Monitoring Liaison	Barbara Yetter, Alternate – Darlene Campo
Office of Education and Examinations Liaison	Darlene Campo Alternate – Mark Richardson
Legislative Liaison	Barbara Yetter Alternate – Elizabeth Krizenesky
Travel Liaison	Elizabeth Krizenesky Alternate – Darlene Campo
Website Liaison	Elizabeth Krizenesky, Alternate – Darlene Campo
Administrative Rules Liaison	Elizabeth Krizenesky Alternate – Darlene Campo
Professional Assistance	Barbara Yetter

Procedure (PAP) Liaison	Alternate – Mark Richardson
Screening Panel	Darlene Campo, Barbara Yetter, Mark Richardson

MOTION: Mark Richardson moved, seconded by Darlene Campo, to affirm the Chair’s appointment of liaisons and panels for 2016. Motion carried unanimously.

DELEGATION MOTIONS

Delegated Authority for Urgent Matters

MOTION: Barbara Yetter moved, seconded by Darlene Campo, that, in order to facilitate the completion of assignments between meetings, the Board delegates its authority by order of succession to the Chair, highest ranking officer, or longest serving member of the Board, to appoint liaisons to the Department to act in urgent matters, make appointments to vacant liaison, panel and committee positions, and to act when knowledge or experience in the profession is required to carry out the duties of the Board in accordance with the law. Motion carried unanimously.

Delegated Authority for Application Denial Reviews

MOTION: Mark Richardson moved, seconded by Barbara Yetter, that the Board counsel or another department attorney is formally authorized to serve as the Board’s designee for purposes of Wis. Admin Code § SPS 1.08(1). Motion carried unanimously.

Document Signature Delegation

MOTION: Darlene Campo moved, seconded by Mark Richardson, to delegate authority to the Chair or chief presiding officer, or longest serving member of the Board, by order of succession, to sign documents on behalf of the Board. In order to carry out duties of the Board, the Chair, chief presiding officer, or longest serving member of the Board, has the ability to delegate this signature authority for purposes of facilitating the completion of assignments during or between meetings. The Chair, chief presiding officer, or longest serving member of the Board delegates the authority to Executive Director or designee to sign the name of any Board member on documents as necessary and appropriate. Motion carried unanimously.

Credentialing Authority Delegations

MOTION: Barbara Yetter moved, seconded by Darlene Campo, to delegate authority to the Credentialing Liaisons to address all issues related to credentialing matters except potential denial decisions should be referred to the full Board for final determination. Motion carried unanimously.

MOTION: Mark Richardson moved, seconded by Darlene Campo, to delegate credentialing authority to DSPS for those submitted applications that meet the criteria of Rule and Statute and thereby would not need further Board or Board liaison review. Motion carried unanimously.

Monitoring Delegations

MOTION: Darlene Campo moved, seconded by Mark Richardson, to affirm the Chair's appointment of Barbara Yetter as the Monitoring Liaison, and Darlene Campo as the alternate, to adopt the 'Roles and Authorities Delegated to the Monitoring Liaison and Department Monitor'; document as presented. Motion carried unanimously.

Travel Delegation

MOTION: Darlene Campo moved, seconded by Barbara Yetter, to authorize the travel liaison to approve all Board travel. Motion carried unanimously.

LEGISLATIVE/ADMINISTRATIVE RULE MATTERS

Senate Bill 568 – Board Review

MOTION: Barbara Yetter moved, seconded by Darlene Campo, to designate Elizabeth Krizenesky to draft and send a letter opposing Senate Bill 568 and Assembly Bill 726, to the Senate Government Operations and Consumer Protection Committee with a copy to any other legislators or legislative committees. Motion carried unanimously.

MOTION: Mark Richardson moved, seconded by Barbara Yetter, to authorize Elizabeth Krizenesky to consult with the FSMTB in drafting or reviewing the letter opposing Senate Bill 568 and Assembly Bill 726. Motion carried unanimously.

CLOSED SESSION

MOTION: Darlene Campo moved, seconded by Mark Richardson, to convene to Closed Session to deliberate on cases following hearing (§ 19.85(1) (a), Stats.); to consider licensure or certification of individuals (§ 19.85 (1) (b), Stats.); to consider closing disciplinary investigations with administrative warnings (§ 19.85 (1) (b), Stats. and § 440.205, Stats.); to consider individual histories or disciplinary data (§ 19.85 (1) (f), Stats.); and to confer with legal counsel (§ 19.85 (1) (g), Stats.). The Chair read the language of the motion aloud for the record. The vote of each member was ascertained by voice vote. Roll Call Vote: Darlene Campo - yes; Elizabeth Krizenesky - yes; Mark Richardson – yes; Barbara Yetter - yes. Motion carried unanimously.

The Board convened into Closed Session at 10:18 a.m.

RECONVENE TO OPEN SESSION

MOTION: Barbara Yetter moved, seconded by Darlene Campo, to reconvene in Open Session. Motion carried unanimously.

The Board reconvened into Open Session at 10:49 a.m.

VOTE ON ITEMS CONSIDERED OR DELIBERATED UPON IN CLOSED SESSION, IF VOTING IS APPROPRIATE

MOTION: Darlene Campo moved, seconded by Barbara Yetter, to affirm all Motions made and Votes taken in Closed Session. Motion carried unanimously.

MOTION: Barbara Yetter moved, seconded by Mark Richardson, to authorize the Executive Director or designee to sign the Proposed Stipulations, Final Decisions and Orders adopted today on behalf of the Board. Motion carried unanimously.

CREDENTIALING MATTERS

Full Board Review – Claire Morkin

MOTION: Darlene Campo moved, seconded by Mark Richardson, to table the application of Claire Morkin pending further information. Motion carried unanimously.

DELIBERATION ON DIVISION OF LEGAL SERVICES AND COMPLIANCE (DLSC) MATTERS

Proposed Stipulations, Final Decisions and Orders

14 MAB 008 – Libo Liu

MOTION: Mark Richardson moved, seconded by Barbara Yetter, to adopt the Findings of Fact, Conclusions of Law and Order in the matter of disciplinary proceedings against Libo Liu, DLSC case number 14 MAB 008. Motion carried unanimously.

14 MAB 001 – Lin Li

MOTION: Darlene Campo moved, seconded by Mark Richardson, to adopt the Findings of Fact, Conclusions of Law and Order in the matter of disciplinary proceedings against Lin Li, DLSC case number 14 MAB 001. Motion carried unanimously.

RATIFICATION OF LICENSES AND CERTIFICATES

MOTION: Darlene Campo moved, seconded by Mark Richardson, to delegate ratification of examination results to DSPS staff and to delegate and ratify all licenses and certificates as issued. Motion carried unanimously.

ADJOURNMENT

MOTION: Barbara Yetter moved, seconded by Darlene Campo, to adjourn the meeting. Motion carried unanimously.

The meeting adjourned at 10:53 a.m.

**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Nifty Lynn Dio, Bureau Assistant On behalf of Tom Ryan, Executive Director		2) Date When Request Submitted: 07/11/2016 Items will be considered late if submitted after 12:00 p.m. on the deadline date which is 8 business days before the meeting	
3) Name of Board, Committee, Council, Sections: Massage Therapy and Bodywork Therapy Affiliated Credentialing Board			
4) Meeting Date: 07/19/2016	5) Attachments: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6) How should the item be titled on the agenda page? Appointments, Reappointments, Confirmations, and Committee, Panel and Liaison Appointments	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session	8) Is an appearance before the Board being scheduled? <input type="checkbox"/> Yes (Fill out Board Appearance Request) <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required: N/A	
10) Describe the issue and action that should be addressed: The Chair shall appoint replacements for Barbara Yetter and Sharon Pollock as highlighted below: Secretary: Barbara Yetter Credentialing Liaison: Darlene Campo, Sharon Pollock – Alternate DLSC Liaison: Barbara Yetter , Mark Richardson – Alternate Legislative Liaison: Barbara Yetter , Elizabeth Krizenesky – Alternate Screening Panel: Barbara Yetter , Darlene Campo, Mark Richardson Monitoring Liaison: Barbara Yetter , Darlene Campo – Alternate PAP Liaison: Barbara Yetter , Darlene Campo – Alternate			
11) Authorization			
Nifty Lynn Dio		07/11/2016	
Signature of person making this request		Date	
Supervisor (if required)		Date	
Executive Director signature (indicates approval to add post agenda deadline item to agenda)		Date	
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Policy Development Executive Director. 3. If necessary, provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.			

**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Dale Kleven Administrative Rules Coordinator		2) Date When Request Submitted: 7/7/16 Items will be considered late if submitted after 12:00 p.m. on the deadline date: ▪ 8 business days before the meeting	
3) Name of Board, Committee, Council, Sections: Massage Therapy and Bodywork Therapy Affiliated Credentialing Board			
4) Meeting Date: 7/19/16	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Legislative and Administrative Rule Matters – Discussion and Consideration 1. Review of and Proposals for chs. MTBT 2 and 3 2. Update on Other Legislation and Pending or Possible Rulemaking Projects	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both		8) Is an appearance before the Board being scheduled? <input type="checkbox"/> Yes (Fill out Board Appearance Request) <input checked="" type="checkbox"/> No	9) Name of Case Advisor(s), if required:
10) Describe the issue and action that should be addressed:			
11) Authorization			
<i>Dale Kleven</i>		<i>July 7, 2016</i>	
Signature of person making this request		Date	
Supervisor (if required)		Date	
Executive Director signature (indicates approval to add post agenda deadline item to agenda) Date			
Directions for including supporting documents: 1. This form should be attached to any documents submitted to the agenda. 2. Post Agenda Deadline items must be authorized by a Supervisor and the Policy Development Executive Director. 3. If necessary, Provide original documents needing Board Chairperson signature to the Bureau Assistant prior to the start of a meeting.			

Chapter MTBT 2

APPLICATION

MTBT 2.01 Application for a license.
MTBT 2.015 Waiver of education requirements.

MTBT 2.03 Reciprocal license.
MTBT 2.04 Accommodations relating to a disability.

Note: Chapter RL 91 was renumbered chapter SPS 91 under s. 13.92 (4) (b) 1., Stats., Register November 2011 No. 671. Chapter SPS 91 was renumbered to MTBT 2 under s. 13.92 (4) (b) 1., Stats., Register August 2012 No. 680.

MTBT 2.01 Application for a license. An individual applying for a certificate as a massage therapist or bodyworker shall submit all of the following to the department:

(1) An application on a form provided by the department.

Note: Application forms are available upon request to the Department of Safety and Professional Services at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708.

(2) The fee specified under s. 440.05 (1), Stats.

(3) Evidence satisfactory to the department that he or she:

(a) Has graduated from a school of massage therapy or bodywork approved by the educational approval board at the time of the applicant's graduation or completed an approved training program.

Note: A list of approved schools is available upon request to the Educational Approval Board, 30 West Mifflin Street, 9th Floor, P.O. Box 8696, Madison, Wisconsin 53708.

(b) Has successfully completed at least 6 classroom hours of study in the laws of this state and rules of the department relating to the practice of massage therapy or bodywork in a course of instruction offered by any of the following:

1. A school of massage therapy or bodywork approved by the educational approval board, whether or not the course of instruction was completed to meet a requirement for graduation.

2. An approved training program whether or not the training program is completed by the individual for purposes of satisfying par. (a).

3. A school approved by an accrediting agency.

4. A technical college established pursuant to s. 38.02, Stats.

(c) Is 18 years of age or older.

(d) Has graduated high school or attained high school equivalency as determined by the department of public instruction under s. 115.29 (4), Stats.

(e) Has not been convicted of an offense under s. 940.22, 940.225, 944.15, 944.17, 944.30, 944.31, 944.32, 944.33, 944.34, 948.02, 948.025, 948.08, 948.085, 948.09, 948.095 or 948.10, Stats., or a comparable offense under federal law or a law of any other state.

(f) Subject to ss. 111.321, 111.322 and 111.335, Stats., has not been convicted of any other offense not listed in par. (e), the circumstances of which substantially relate to the practice of massage therapy or bodywork.

(g) Has passed either the national certification examination for therapeutic massage and bodywork or the national certification examination for therapeutic massage that are offered by the national certification board for therapeutic massage and bodywork, or another examination relating to the practice of massage therapy or bodywork that is administered by a national board that is accredited by the national commission for certifying agencies or a substantially equivalent examination approved by the department.

(h) Has passed an examination on state laws and administrative rules governing massage therapy or bodywork.

(i) Has in effect as a policyholder and insured, malpractice liability insurance coverage in an amount that is not less than

\$1,000,000 per occurrence and \$1,000,000 for all occurrences in one year.

(j) Has successfully completed a course consisting of 5 classroom hours in adult cardiopulmonary resuscitation and standard first aid if the individual has not graduated from a school of massage therapy or bodywork approved by the educational approval board and the 5 classroom hours are not completed by the individual as part of an approved training program as provided under s. MTBT 3.01.

(k) Has current proficiency in the use of an automated external defibrillator achieved through instruction provided by an individual, organization, or institution of higher education approved under s. 46.03 (38), Stats., to provide the instruction.

History: Cr. Register, February, 1999, No. 518, eff. 3-1-99; emerg. am. (intro.), r. (3) (a), renum. (3) (b) to (e) to be (3) (a) to (d) and am. (3) (a) and (d), cr. (3) (e) and (f), eff. 9-3-00; am. (intro.), r. (3) (a), renum. (3) (b) to (e) to be (3) (a) to (d) and am. (3) (a) and (d), cr. (3) (e) and (f), Register, January, 2001, No. 541, eff. 2-1-01; CR 06-069; am. (intro.) and (2), r. and recr. (3) (a), renum. (3) (b), (c), (d), (e) and (f) to be (f), (i), (g) (h), and (j), and am. (f), (g), (i) and (j), cr. (3) (b) to (e), Register December 2006 No. 612, eff. 1-1-07; correction in (3) (j) made under s. 13.92 (4) (b) 7., Stats., Register November 2011 No. 671; correction in (3) (j) made under s. 13.92 (4) (b) 7., Stats., Register August 2012 No. 680; EmR0827; emerg. cr. (3) (k), eff. 9-10-08; CR 08-086; cr. (3) (k) Register September 2012 No. 681, eff. 10-1-12; (3) (k) renum. from SPS 91.01 (3) (k) made under s. 13.92 (4) (b) 7., Stats., Register September 2012 No. 681; CR 13-055; am. (title) Register May 2014 No. 701, eff. 6-1-14.

MTBT 2.015 Waiver of education requirements. The requirements of s. MTBT 2.01 (3) (a) and (b) shall be waived if an individual submits evidence satisfactory to the department that he or she has successfully completed a course consisting of 5 classroom hours in adult cardiopulmonary resuscitation and standard first aid and satisfied one of the following:

(1) Is currently either certified or recertified by the national certification board for therapeutic massage and bodywork.

(2) Is currently either certified or recertified as active and in good standing by any other organization accredited to certify massage therapy or bodywork by the national commission for certifying agencies.

History: CR 06-069; cr. Register December 2006 No. 612, eff. 1-1-07; correction in (intro.) made under s. 13.92 (4) (b) 7., Stats., Register November 2011 No. 671; correction in (intro.) made under s. 13.92 (4) (b) 7., Stats., Register August 2012 No. 680.

MTBT 2.03 Reciprocal license. (1) An individual applying for a license on the basis of a similar license, registration or license in another state or territory of the United States or another country shall:

(a) Submit an application on a form provided by the board.

Note: Application forms are available upon request to the department at 1400 East Washington Avenue, P.O. Box 8935, Madison, Wisconsin 53708.

(b) Pay the fee required under s. 440.05 (2), Stats.

(c) Submit evidence satisfactory to the board that the individual:

1. Holds a current similar license, registration or certificate to practice massage therapy or bodywork in another state or territory of the United States or another country, the requirements for which are substantially equivalent to the requirements under s. 460.05, Stats.

2. Has not been convicted of an offense under s. 940.22, 940.225, 944.15, 944.17, 944.30, 944.31, 944.32, 944.33, 944.34, 948.02, 948.025, 948.08, 948.085, 948.09, 948.095 or 948.10,

Stats., or a comparable offense under federal law or a law of any other state.

4. Subject to ss. 111.321, 111.322 and 111.335, Stats., has not been convicted of any other offense not listed under subd. 2., the circumstances of which substantially relate to the practice of massage therapy or bodywork.

7. Has in effect as a policyholder and insured, malpractice liability insurance coverage in an amount that is not less than \$1,000,000 per occurrence and \$1,000,000 for all occurrences in one year.

(2) Requirements for a current similar license, registration or certificate to practice massage therapy or bodywork in another state or territory of the United States or another country, are substantially equivalent to the requirements under s. 460.05, Stats., if the requirements include either of the following:

(a) Certification by the national certification board for therapeutic massage and bodywork or any other organization accred-

ited by the national commission for certifying agencies to certify massage therapy or bodywork.

(b) Completion of at least 500 classroom hours of instruction in massage therapy or bodywork at a school approved by an accrediting agency, and passing an examination relating to the practice of massage therapy or bodywork that is administered or approved by an accrediting agency.

History: Cr. Register, February, 1999, No. 518, eff. 3-1-99; am. (1) (intro.) and (c) 1., Register, January, 2001, No. 541, eff. 2-1-01; CR 06-069: am. (1) (intro.), (1) (c) 1., 4., and 7., and (2) r. and recr. (1) (c) 2., r. (1) (c) 3., 5. and 6., cr. (2) (a) and (b), Register December 2006 No. 612, eff. 1-1-07; CR 13-055: am. (title), (1) (intro.), (a), (c) (intro.) Register May 2014 No. 701, eff. 6-1-14; correction in (1) (c) (intro.) made under s. 35.17, Stats., Register May 2014 No. 701.

MTBT 2.04 Accommodations relating to a disability.

A qualified individual with a disability shall be provided with reasonable accommodations requested in connection with the completion of an application for certification as a massage therapist or bodyworker.

History: Cr. Register, February, 1999, No. 518, eff. 3-1-99; CR 06-069: am. Register December 2006 No. 1-1-07.

Chapter MTBT 3

EDUCATION

MTBT 3.01 Approved training program.

Note: Chapter RL 92 was renumbered chapter SPS 92 under s. 13.92 (4) (b) 1., Stats., Register November 2011 No. 671. Chapter SPS 92 was renumbered MTBT 3 under s. 13.92 (4) (b) 1., Stats., Register August 2012 No. 680.

MTBT 3.01 Approved training program. (1) An individual applying for a license as a massage therapist or bodywork therapist who has not graduated from a school of massage therapy or bodywork therapy approved by the educational approval board shall submit an official transcript or other official documentation showing dates and total hours attended and a description of the curriculum completed establishing that he or she has completed an approved training program.

(2) Credit may be granted for an approved training program regardless of when the program was completed.

(4) In addition to satisfying the requirements of sub. (5), an approved training program shall be one of the following:

(a) An associate degree program, or a technical diploma program in massage therapy or bodywork offered by a technical college established pursuant to s. 38.02, Stats.

(b) A course of instruction in massage therapy or bodywork offered by a school accredited by an accrediting agency at the time the individual completes the course of instruction.

(5) An approved training program shall consist of a minimum of 600 classroom hours of study and shall include the following subject areas:

(a) Anatomy, physiology, pathology, and kinesiology: 125 classroom hours.

(b) Business, law and ethics: 50 classroom hours, which shall include at least 6 classroom hours in the laws of this state and rules of the board relating to the practice of massage therapy or bodywork therapy required by s. MTBT 2.01 (3) (b).

(c) Massage therapy or bodywork theory, technique, and practice: 300 classroom hours which shall include 100 classroom hours of supervised hands-on practice.

(d) Student clinic: 20 classroom hours.

(e) Adult cardiopulmonary resuscitation (CPR) and standard first aid: 5 classroom hours. The requirement of this paragraph may be alternatively satisfied as provided under s. MTBT 2.01 (3) (j).

(f) Additional massage therapy or bodywork course offerings meeting the objectives of the course of instruction: 100 classroom hours.

History: Cr. Register, February, 1999, No. 518, eff. 3-1-99; emerg. am. (1), (5) (e) and (f), r. and recr. (3) and (4), eff. 9-3-00; am. (1), (5) (e) and (f), r. and recr. (3) and (4), Register, January, 2001, No. 541, eff. 2-1-01; correction in (3) made under s. 13.93 (2m) (b) 7., Stats., Register, January, 2001, No. 541; CR 06-069; am. (1), (2), (4) (intro.), (a), (b), (5) (intro.), (b), (d) and (e), r. (3), Register December 2006 No. 612, eff. 1-1-07; correction in (5) (b), (e) made under s. 13.92 (4) (b) 7., Stats., Register November 2011 No. 671; correction in (5) (b), (e) made under s. 13.92 (4) (b) 7., Stats., Register August 2012 No. 680; CR 13-055; am. (1), (5) (b) Register May 2014 No. 701, eff. 6-1-14.

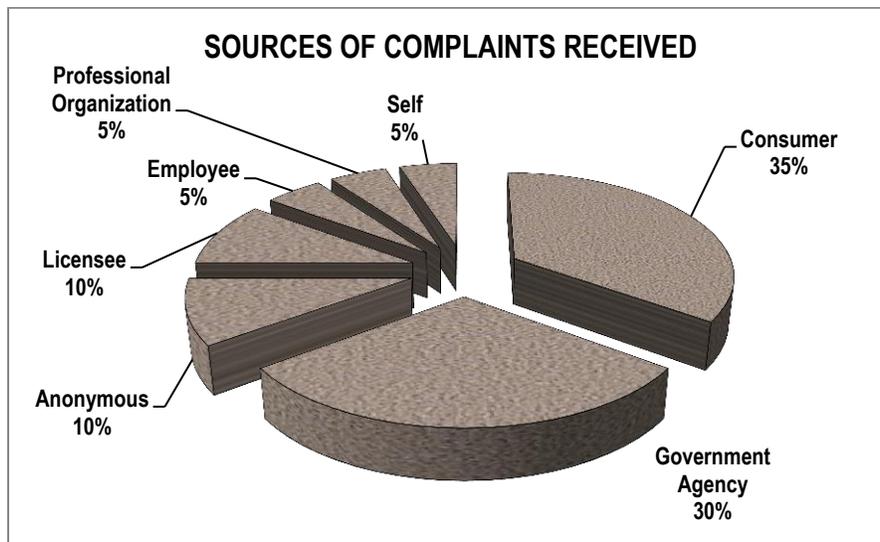
**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request: Elizabeth Krizenesky		2) Date When Request Submitted: 7/2/2016 Items will be considered late if submitted after 4:30 p.m. and less than: <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Medical Examining Board			
4) Meeting Date: 7/19/2016	5) Attachments: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? DLSC Summary Data Report – Board Discussion	
7) Place Item in: <input checked="" type="checkbox"/> Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? No	9) Name of Case Advisor(s), if required:	
10) Describe the issue and action that should be addressed: Board Chair Elizabeth Krizensky requested this information and will lead a discussion about it.			
11) Authorization			
Signature of person making this request			Date
Supervisor (if required)			Date
Bureau Director signature (indicates approval to add post agenda deadline item to agenda)			Date

**MASSAGE THERAPY AND BODYWORK THERAPY AFFILIATED CREDENTIALING BOARD (MTBT)
DIVISION OF LEGAL SERVICES AND COMPLIANCE ANNUAL REPORT
Data from January 1, 2015 to December 31, 2015**

- Complaints Received: **18**
- Of the **18** complaints received in 2015, **3 (17%)** were closed at screening.
- MTBT Cases/Respondents Resolved (Closed) – (Cases may have been received in the year 2015 or prior years):
 - ▶ Respondents/cases closed formally: **8**
 - ▶ Respondents/cases closed after investigation (without a formal order): **3**
 - ▶ Respondents/cases closed by the screening panel: **3**
- MTBT professionals currently monitored with disciplinary orders (active) as of December 31, 2015: **5**
- MTBT professionals currently enrolled in the Professional Assistance Procedure (PAP) as of December 31, 2015: **0**



Orders/Action Issued	Number
Reprimand	1
Limitation Requiring Education	2
Limitation Restricting Practice	1
Surrender – Agreement not to Renew/Permanent Relinquishment	2
Suspension	1
Limitation Requiring Counseling	1
Surrender – Permanent Relinquishment (No Findings)*	1
Surrender - If Reapply Board May Impose Limitations (No Findings)*	3
Total	12

* "No Findings" surrenders may be appropriate in retirement situations

Choose Wisely: The Quality of Massage Education in the United States

A Report for the Commission on Massage
Therapy Accreditation

Martha Menard, PhD, LMT, Sigma Applied Research

March 10, 2014

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Choose Wisely: The Quality of Massage Education in the United States

A Report for the Commission on Massage Therapy Accreditation

Introduction

Assessing the quality of post-secondary education remains a difficult task (Newton, 2010), despite many efforts to do so. Often, quality is in the eye of the beholder or only conspicuous by its absence. Much has been written over the past twenty years, and no consensus or standard definition of educational quality has yet been agreed upon or developed, including quality in career and technical or vocational education (Baker, 1988; Brand, 2008; National Skills Standards Council, 2013).

Dew (2009) points out that much of the confusion in defining educational quality stems from the simultaneous use of very different frameworks to describe it. These are quality as endurance, quality as luxury or prestige, quality as conformity to requirements, quality as continuous process improvement, and quality as value added—we expect that those completing any educational program to have gained demonstrable skills or knowledge as a result. The most relevant frameworks for evaluating the quality of massage education from an accreditation perspective are: endurance, as it applies directly to the financial stability of an institution; conformity to requirements, as it applies to meeting accepted educational standards; and value added, which can be evaluated by metrics such as graduation rates, employer placement rates, and pass rates on licensing examinations; and process improvement, as reflected in the institutional self-study. The self-study process typically combines and documents elements of all these frameworks.

It is important to distinguish between the role of quality in accreditation, which focuses on setting base standards that organizations must meet to be considered acceptable providers of education services, and quality as a 'stretch' goal of achieving educational excellence, which individual institutions may attempt to achieve for a variety of purposes. The Baldrige National Quality Awards in healthcare and education (NIST, 2010) are examples of the latter, while COMTA accreditation standards exemplify the former. The self-study process that most educational accreditation organizations employ can serve not only as a summative evaluation of how well a program meets basic requirements, but also as a formative means to build a blueprint for excellence, through identifying potential areas of improvement.

The framework of quality as process improvement and the related concept of quality management has received a great deal of attention since its widespread implementation into American businesses during the 1990s. The concept of total quality management (TQM) has also been applied to education, most notably by Edward Sallis (2002). In attempting to apply quality management to education, however, Sallis proposes a compelling reason for why TQM should be applied to education, and that is accountability.

Accountability may be one reason for the current trend in assessing educational quality through focusing not only on traditional 'input' measures, such as teacher-student ratios, teacher credentials, and the size or scope of physical facilities such as libraries, but also on educational outcomes such as graduation rates, time to degree completion, and job placement rates. Job placement and debt repayment rates especially have assumed increased scrutiny, given the high cost of post-secondary education. Education cost is a popular and controversial topic currently, as more postsecondary students graduate with significant loan burdens (US Department of Education, 2013). For-profit corporate colleges and schools, some of which offer massage therapy programs, have recently been the subject of increased criticism by federal agencies (United States Government Accountability Office, 2011) and by consumers themselves (Mangan, 2014).

While the majority of for-profit massage schools are proprietary, privately owned by individuals, corporate-owned schools and career and technical colleges graduate a disproportionate number of new practitioners. According to a recent Associated Bodywork and Massage Professionals report, corporate massage schools represent 5% of all programs, but graduate 14% of all students—almost as many as the accredited proprietary schools that constitute 11% of all programs and graduate 19% of all students (Sweeney, 2013).

Massage Therapy Education:

As a discipline, massage therapy currently stands at an uneasy crossroads of vocational training and academic post-secondary education, as evidenced by the variety of educational institutions that offer training programs in massage therapy. These range from purely vocational programs offered at career and technical training schools to 2-year associate degrees offered through community colleges. Some universities that train doctors of chiropractic, acupuncture and Oriental medicine, and naturopathy also offer both certificate and associate degree programs in massage. There is even a new 4-year bachelor degree program in massage therapy offered at one university, where applicants can receive academic credit for having passed the National Certification Examination.

A longstanding tension exists between those who view massage education as strictly vocational and want to have it remain so, focused on training students to provide a personal service, while others see it as an integrative healthcare discipline similar to acupuncture and other complementary and integrative therapies. Among the states that regulate the practice of massage therapy, it is most often as a health profession rather than a personal service. The rapid growth of massage therapy in the larger context of the integrated healthcare movement by consumers has also contributed to the profession's ongoing identity crisis. According to a recent industry survey, consumer use of massage for health and medical reasons is increasing, as are referrals from physicians and other healthcare providers (American Massage Therapy Association, 2013).

As massage became more widely used by US consumers in the 1990s, the massage therapy industry grew as well. The numbers of educational programs and practitioners increased rapidly, from an estimated 180,880 practitioners in 2000 to 307,104 practitioners in

2012, a 58% increase (American Massage Therapy Association, 2009; American Massage Therapy Association, 2013). The number of massage programs showed an even greater percentage increase, from just over 600 in 2000, to 1440 in 2011 (Sweeney, 2011). The recession of 2008 has cooled these trends to some extent, which has been documented through periodic surveys by both the ABMP and AMTA.

Currently, massage education programs are in a state of flux that reflects concerns and discussion regarding educational quality within the profession, as demonstrated by the development and recent publication of the Entry Level Analysis Project (ELAP). The impetus for the ELAP project was the perceived inconsistency of quality, depth and focus in entry-level massage therapy education, by national leaders from a number of professional organizations, including COMTA (Archer, et al., 2014). Its recently released final report detailing foundational learning objectives and outcomes complements the Teacher Education Standards Project (TESP), initiated by the Alliance for Massage Therapy Education, to develop detailed teacher training competency standards.

This evaluation study adds to the quality discussion, and it is focused on three broad objectives: 1) Is accreditation improving the quality of education for massage therapy? If not, then what do we need to do to improve it? 2) Does accreditation by COMTA specifically improve quality of education as compared to other vocational accrediting agencies that do not have curriculum competencies for massage in their standards? 3) Would adding competencies at an "advanced" level, or specific degree levels be helpful in advancing massage therapy in the eyes of other health professions? And if so, are there any particulars that they would expect to see in our advanced levels of training to consider working with a massage therapist in their own type of practice?

Methods

To answer these questions, I employed a mixed methods approach, and began with reviewing the literature on defining and evaluating quality in education, just discussed in the introduction. This evaluation examines quality quantitatively in terms of measureable educational outcomes including tuition costs, graduation rates, job placement rates, median loan amounts, and repayment rates, organized by type of program or school. These are based on the types used in published data from the US Department of Education's 2011 Gainful Employment Metrics. Data was collected by COMTA staff using both internal sources and publically available data from the US Department of Education Gainful Employment data (Office of Federal Student Aid , 2012), and from information published on school websites.

Schools that were clearly identifiable as part of corporate chains were grouped for sub-analysis. Especially for several of the large chains of corporate-owned schools, there was no massage program found at the location originally listed in the US Department of Education report, and these apparent closures have not always been able to be confirmed. However, these branches/schools were included because they were associated with a repayment rate, and COMTA staff and I believe that the estimated number of closures in and of itself is relevant

data. According to the 2013 ABMP schools survey, the number of massage programs overall has decreased from a high point of 1600 in 2009, to 1440 in 2011, to 1310 in 2013 (Sweeney, 2013).

To complement this quantitative data analysis, I conducted individual and focus group interviews regarding the quality of massage education with educators, many of whom are also massage and bodywork practitioners, recruited from the Alliance for Massage Therapy Education (AFMTE), together with individual and focus group interviews with complementary and integrative healthcare educators and practitioners recruited from the Consortium of Academic Health Centers for Integrative Medicine (CAHCIM) and the Academic Consortium for Complementary and Alternative Health Care (ACCAHC). These interviews informed the development of two parallel surveys focused on the current quality of massage education. The survey content, wording of individual questions, and answer choices were based on information collected during the qualitative interviews. Both surveys were administered via weblink to allow respondents to complete the surveys anonymously and encourage unbiased responses. The massage educators version was sent to over 4,000 massage educators/practitioners via the AFMTE website and ABMP and AMTA school newsletter distribution lists, and the complementary and integrative healthcare educators survey was emailed to members of CACHIM and ACCAHC, with the goal of reaching a comparable audience of integrative healthcare educators knowledgeable about massage therapy, yet outside the massage profession. Both surveys contained response options for open-ended comments.

IRB review of the evaluation study was performed by Solutions IRB, a licensed commercial IRB review provider, and approval for the study under the category of exempt research was obtained for all phases and methods used in the evaluation prior to its start.

Results

Summary of schools data:

Of the 487 schools from which publically available data was obtained, 386 programs reported tuition costs, with program lengths varying from six months up to two years. Whenever a school offered multiple massage programs of varying lengths, costs were averaged. In most cases, tuition cost was taken from the Gainful Employment disclosures. However, occasionally it was not reported there, so COMTA staff gathered it from other places on the school's website or catalog. Staff attempted to maintain consistency on what the total includes, but this cannot be guaranteed. For example, some schools include licensure fees, books and supplies added to the direct tuition costs, where others do not. These details were not always apparent, so it may be best to consider cost as an approximate number. A comparison of average costs by type of institution is shown in Table 1.

With these caveats in mind, the average tuition cost across all schools/programs was \$13,605. Costs varied widely, ranging from \$2,392 for a certificate that could be completed in six months, to as much as \$46,845 for a two year associate's degree at a private institution. Longer programs at for-profit and corporate schools generally had higher tuition costs, averaging \$13,505 and \$16,562, respectively. Of these, the longest programs tended to be community

college programs leading to associate degrees, over three to four semesters and with a much lower average cost of \$5,647. Certificate programs offered through CAM universities had an average cost of \$10,768.

Outcomes including graduation rates and placement rates are also allowed to be calculated using more than one method. Standards for reporting 'on-time' graduation rates for the USDE have changed during the time this evaluation was conducted, and do not always consider the total number of students who started a program and graduated within the same cohort, a measure that many consider to be more closely related to educational quality. The same variation in calculation methods also applies to job placement rates; some schools use their pass rates on licensing examinations in lieu of actual job placement. Massage programs in public institutions were the most difficult to find the required outcomes data. These do not consistently follow the Gainful Employment requirements and often have additional state regulations to follow. Often only rates were provided for the institution as a whole or for the three largest programs (which does not generally include massage). Rates are listed when they could be found, but there are numerous omissions. All outcomes were averaged by type of school and these results are also presented in Table 1.

Average tuition cost and education outcomes by type of program				
	corporate programs	all other for-profit programs	community college programs	university programs
Tuition costs	\$16,561.77	\$13,505.24	\$5,647.05	\$10,768.40
Graduation rate	70.38%	73.24%	66.32%	74.44%
Placement rate	74.50%	77.97%	87.04%	74.59%
Median loan amount	\$9,998.85	\$8,228.05	\$2,004.06	\$9,871.75
Repayment rate	41.31%	46.70%	not available	83.45%

Table 1: Average tuition cost and educational outcomes by type of program.

Average reported graduation rate across all programs was 71.9% and reported job placement rate was 95.6%. These numbers are likely to be overestimates, especially when examining the financial aid data. Of the schools and programs that reported student loan data, 84% of students at those institutions received federal financial aid. The median loan amount was \$8,052. The average percentage of all massage therapy program students included in this analysis who repay their loans is only 43.4%.

Average tuition costs and educational outcomes for each accreditation organization are listed in Table 2, on the following page. COMTA accredited schools and programs show an average tuition cost that is below the reported national average, and also below that reported for for-profit schools. Notably, COMTA-accredited schools and programs have the highest

repayment rate among all accreditation organizations. Most massage therapy accreditation organizations accredit institutions; COMTA is the only one of these that offers programmatic accreditation specific to massage therapy. NACCAS, which primarily accredits schools offering training in cosmetology, skin care, massage, and related subjects, is a close second in terms of repayment rates, and has the lowest average tuition cost.

Average tuition cost and education outcomes by accreditation organization							
	ABHES	ACCSC	NACCAS	ACICS	COE	ACCET	COMTA
Average tuition cost	\$13,115.13	\$14,102.81	\$9,253.98	\$18,581.28	\$11,224.13	\$14,908.56	\$12,592.36
Average graduation rate	75.00%	75.72%	88.00%	60.00%	84.00%	76.00%	88.00%
average placement rate	80.00%	74.65%	77.00%	76.00%	88.00%	92.00%	82.00%
median loan amount	\$7,180.00	\$7,847.14	\$4,101.11	\$11,532.50	\$4,989.00	\$7,812.25	\$7,969.11
average repayment rate	41.60%	47.65%	59.00%	37.00%	45.73%	51.00%	61.00%

Table 2: Average tuition cost and outcomes by accreditation organization.

Practitioner disciplinary action data:

Figure 1 shows the total number of sanctions by state over the three year period of 2009 to 2011. It should be considered as a rough estimate, as it includes both suspensions or license revocations as well as only penalty fines. It is difficult to verify the accuracy of this data and/or compare states due to the variance on what is considered "disciplinary action." In some states, failure to pay child support, student loan default, or failure to maintain documentation of CEUs are all considered grounds for disciplinary action; some actions are published on state websites as part of the public record while others are confidential. In addition, differences between states on reported numbers seem to indicate how actively the individual board pursues disciplinary action, rather than whether more unlawful practice occurs. For example, many states showing no actions were contacted by COMTA staff to collect this information, but no actual numbers were able to be obtained, despite more than one attempt. It is likely that the total numbers shown here under represent the actual number of serious legal and ethical violations, as these are likely to be underreported to state boards. For states showing high numbers of disciplinary actions, these are usually due to a large number of relatively minor infractions. Mississippi is a good example. Between 2009 and 2011, there were 170 disciplinary actions. Of these, only 6 were ethical violations resulting in suspension or license revocation; the other 164 actions were fines for failing to pass a CEU audit.

However, even allowing for measurement error and the potentially confounding effects of population and practitioner density, the magnitude of difference between the total numbers of sanctions against practitioners in regulated states that require graduation from an accredited school versus a non-accredited school is striking. Of the five states and the District of Columbia that require school accreditation, there were 208 sanctions from 2009-2011. Most of these (170) were in Mississippi and 26 were in Maryland. Of the remaining 28 regulated states for which we have data and that do not require school accreditation, there were 1702 sanctions during the same period. The ratio of disciplinary actions to states is 208:6 versus 1702:28, or an average of 34 in states that require school accreditation versus 61 in those that do not. The number of actions per state is visually represented in Figure 1.

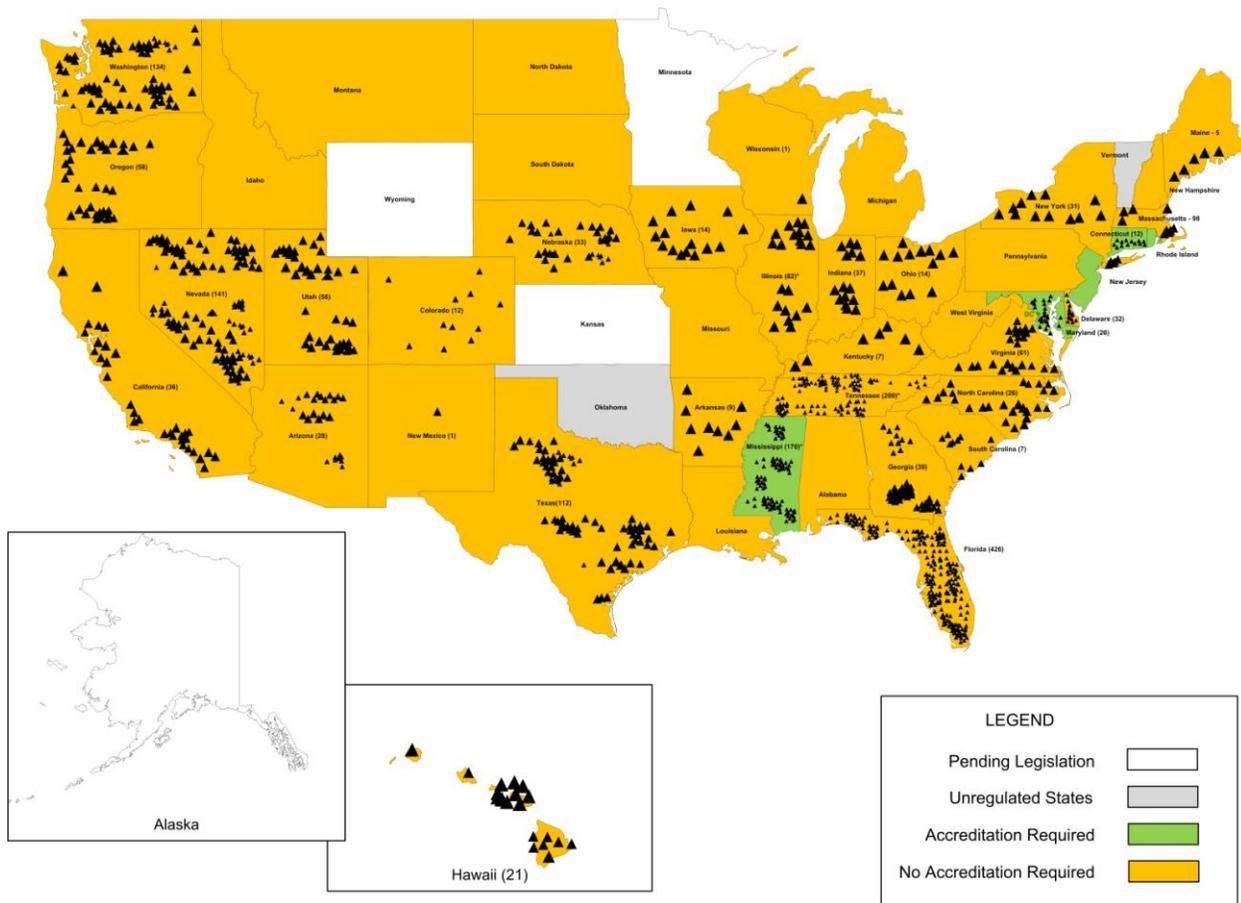


Figure 1. Actions against massage practitioners by state, 2009-2011. (use Zoom to view)

Summary of survey results for massage educators:

The survey of massage educators was sent to email distribution lists of the AFMTE (938 possible respondents) and the schools and educators newsletter for the Association of Bodywork and Massage Professionals (4,000 possible respondents), reaching a total of 4938 possible respondents over a three week period in February 2013. A follow-up reminder was sent two weeks after the initial email. The survey was also sent to the member schools of the American Massage Therapy Association, however, only one respondent from that organization completed

the survey. From the AFMTE weblink, 198 massage educators responded, and 239 from the ABMP weblink, for a total of 438 respondents, a 9% rate of return, which is not unusual for an online survey distributed using this method (Hamilton, 2003).

Demographic data showed that the majority of respondents (71%) were female, 28% were male, and 2% preferred not to answer. The average age was 51, and the average number of years of experience as a practitioner was 17, with an average of 11 years of experience as an educator. The majority were white/Caucasian (85%), followed by mixed (4%), Latino-Hispanic (2%), Asian (1.5%), and African-American (1%). Five percent of respondents preferred not to answer this question. These results are summarized in Table 3.

Demographic characteristics of massage educator respondents		
Average age		51 (±10.83)
Years of		
	Practitioner experience	17 (±6.05)
	Educator experience	11 (±8.19)
Sex		
	Female	70.80%
	Male	27.50%
	Declined to answer	1.70%
Education		
	Graduated from high school	7.90%
	Some college	21.90%
	Associate degree	13.20%
	Bachelor degree	34.90%
	Masters degree	19.60%
	Other professional degree (MD, DC, DO, DAOM, etc)	7.20%
	EdD	0.20%
	PhD	2.10%
Ethnicity		
	African-American	1.10%

	Asian	1.50%
	Caucasian	85.30%
	Latino/Hispanic	1.90%
	Native American or Pacific Islander	0.90%
	Mixed	4.30%
	Declined to answer	5.10%

Table 3: Demographic characteristics of massage educator respondents.

Respondents were evenly distributed geographically across the US, with no Canadians, and 1% of respondents reported living outside the US or Canada. These results are shown in Figure 2.

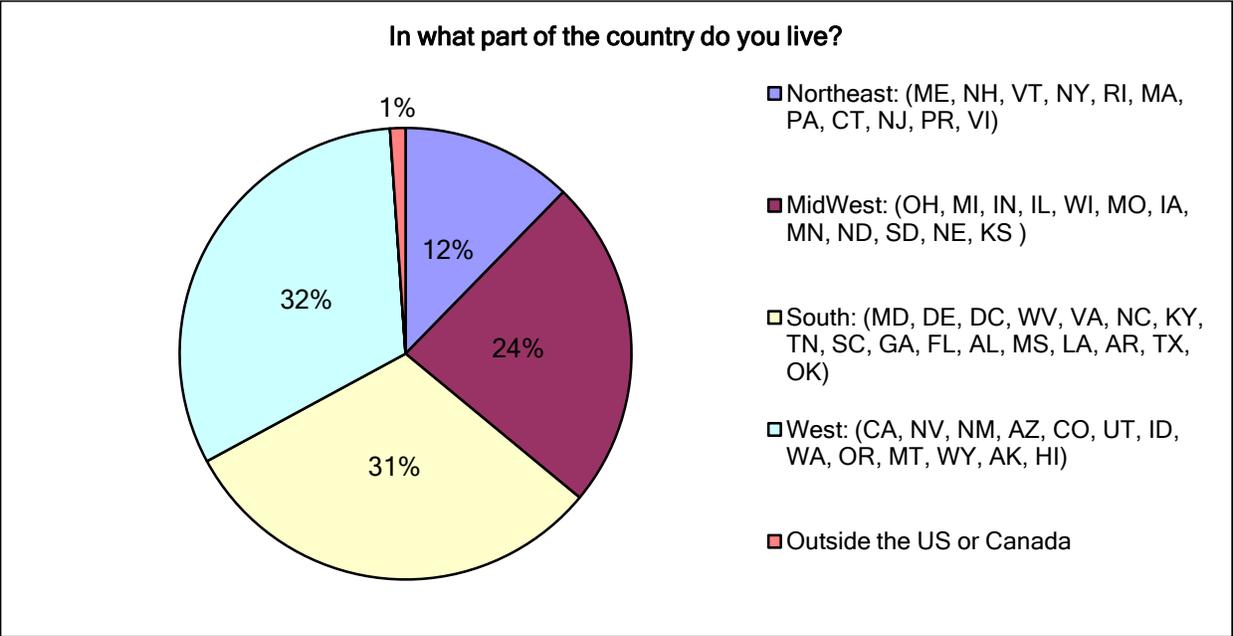


Figure 2. Geographical distribution of massage educator respondents.

The majority of educators (55%) teach part-time, 30% teach full-time, and 15% work in administration only and do not teach in the classroom. The majority of respondents teaching part-time work in schools owned by private individuals (51%), as traveling continuing education providers (27%), in corporate-owned schools (22%), community college programs (14%), and online (5%). Those who teach full-time work in schools owned by private individuals (34%), corporate-owned schools (33%), community college programs (25%), as a continuing education provider traveling to different locations (6%), and teach online (1.4%). Teaching patterns are summarized in Figures 3 and 4 on the following page.

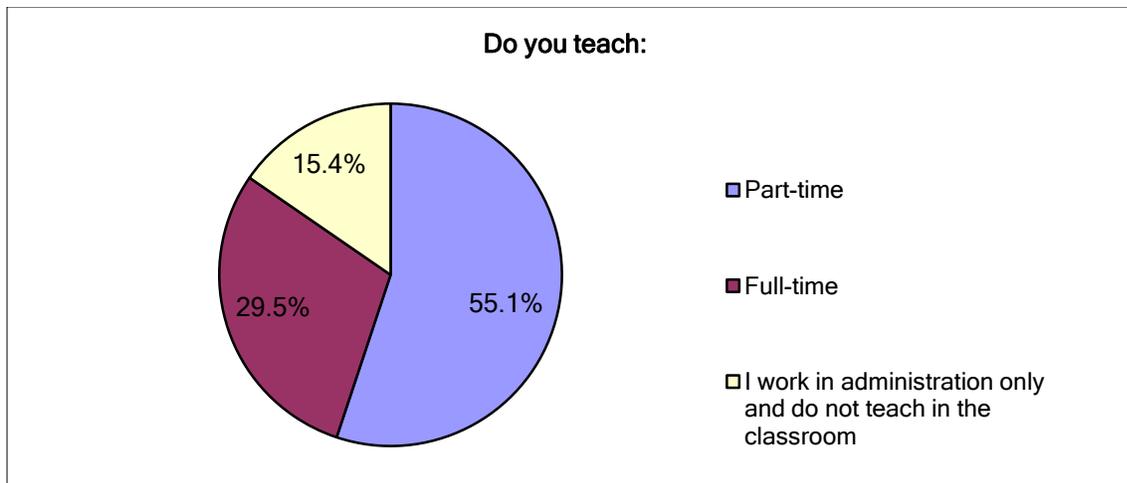


Figure 3. Amount of time massage educators spend in teaching and administration.

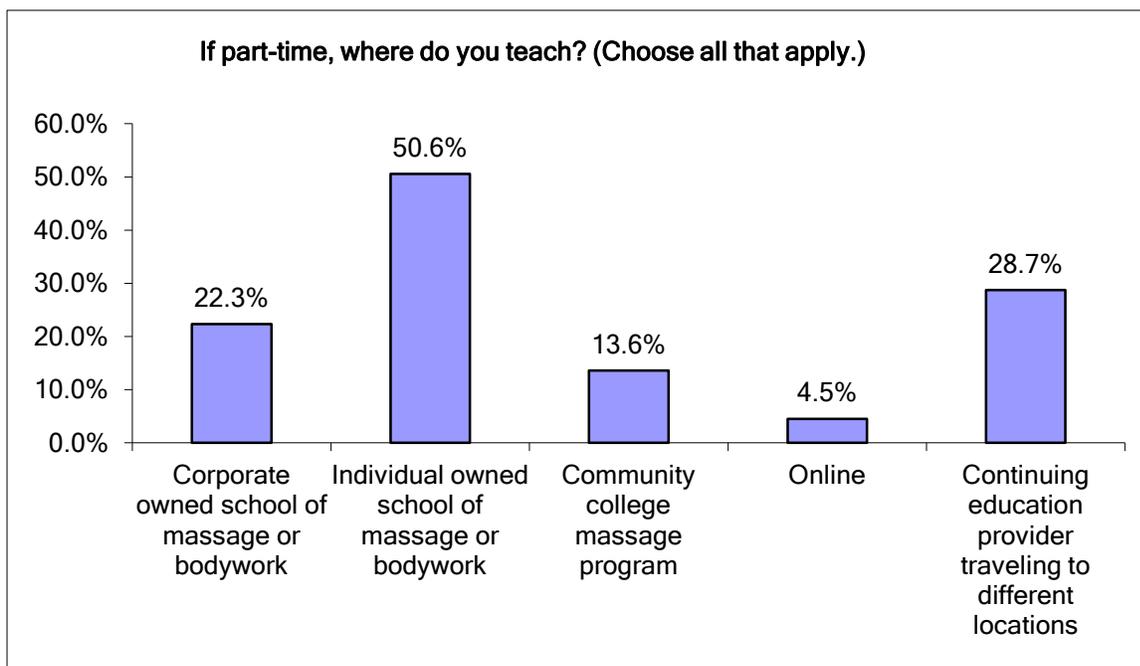


Figure 4. Teaching venues of massage educators.

The majority of educators (57%) reported that they maintained at least a part-time practice, with 21% maintaining a full-time practice and 22% reporting no clinical practice. Of those educators with a clinical practice, 75% work in a private practice setting alone or with other massage therapists, 19% in a mobile or onsite setting, and 12% in a spa or salon setting. Sixteen percent work in an integrative setting with health care providers from other disciplines; only 5% work in a hospital or other facility such as rehab or extended care, and 2% in a community health clinic or free clinic. These results are shown in Figures 5 and 6 on the following page.

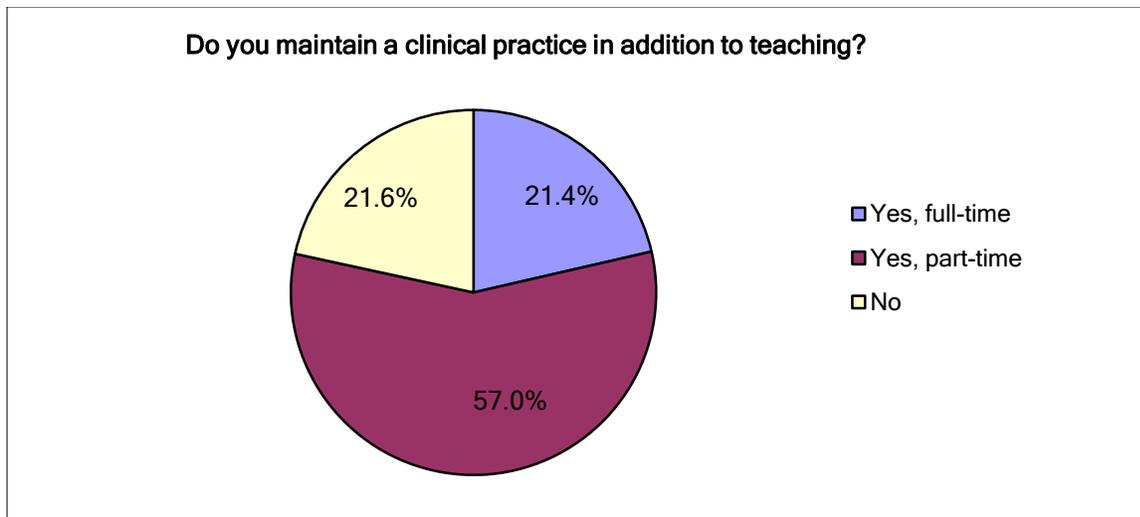


Figure 5. Amount of time massage educators spend in practice.

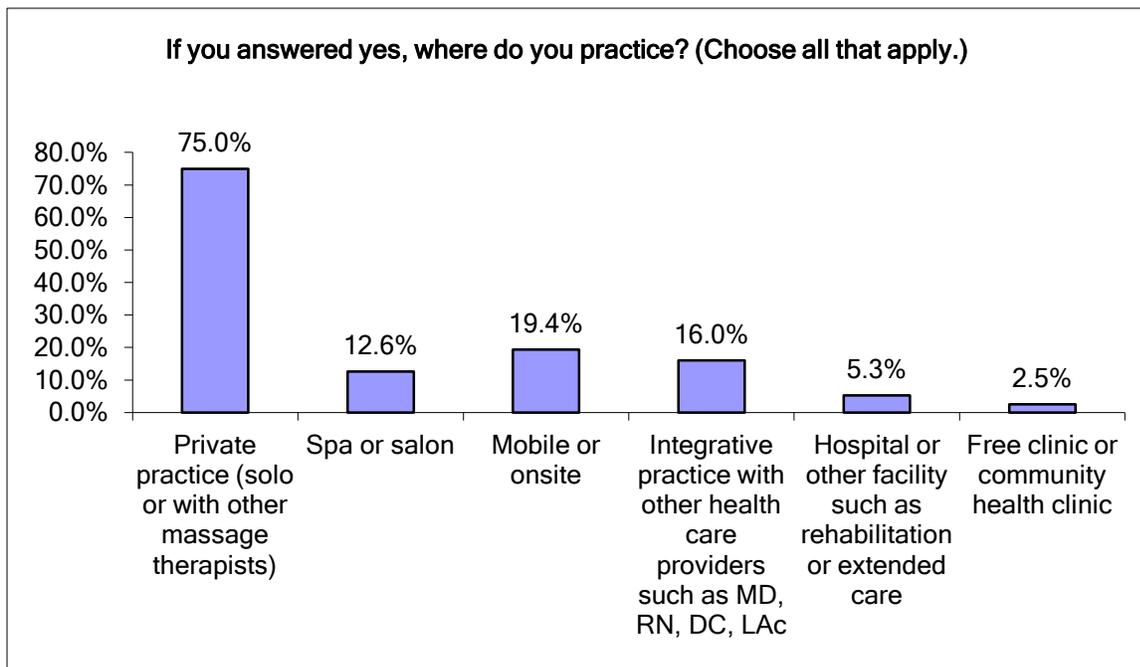


Figure 6. Clinical practice settings of massage educators.

When asked to select necessary competencies educators wanted a massage therapist colleague working in a clinical setting to have, respondents selected the following most often: professional appearance and demeanor (99%); proficiency in applying therapeutic techniques to benefit the patient (97%); good oral and written communication skills (97%); and clinical judgment—ability to modify treatment to the individual patient (96%). Patient intake interviewing skills (94%) and therapeutic relationship skills (94%) were valued equally. Also frequently selected were interprofessional collaboration (90.5%), ability to develop a treatment plan (90%), and ability to assess treatment outcomes (86.5%). Research literacy was selected by

almost half of all respondents (48%), and advanced or specialized training in orthopedic or rehabilitation massage was selected as necessary by 43% of respondents. Least frequently selected competencies considered necessary were other advanced or specialized trainings in oncology massage (15%), geriatric massage (18%), pre and peri-natal massage (19.5%), and other competency or advanced training (23%). When asked to describe these, groups of techniques such as Swedish and Eastern or individual techniques such as myofascial release were specified. Only 25% selected familiarity with electronic medical records and 36.5% selected advanced or specialized training in medically-oriented massage as a necessary competence.

In choosing a massage therapist to see oneself, the pattern of competencies considered necessary was similar, with general competencies selected more often, and advanced or specialized training in working with specific populations selected less often. However, the necessary competencies for colleagues working in a clinical setting were selected 5-10% more often compared to one's own personal therapist, and interprofessional collaboration was selected almost 30% less often. The exceptions to this trend were advanced or specialized training in orthopedic or rehabilitation massage, and advanced or specialized training in other medically-oriented massage, where massage educators selected these as frequently or slightly more frequently. The complete results are presented in Table 4.

Massage educators' opinions of necessary MT competencies in different roles		
Necessary competencies for a massage therapist to have:	As a colleague working in a clinical setting	As one's own personal therapist
Professional appearance and demeanor	98.6%	93.7%
Good oral and written communication skills	96.7%	90.6%
Interprofessional collaboration or ability to work as part of a team	90.6%	62.5%
Patient intake interviewing skills	93.9%	87%
Therapeutic relationship skills	93.9%	89.9%
Ability to develop a treatment plan	90.1%	80.2%
Proficiency in applying therapeutic techniques to benefit the patient	96.7%	94.4%
Clinical judgment--ability to modify treatment to the individual patient	96.2%	93%
Ability to assess treatment outcomes	86.6%	79.8%
Research literacy--ability to find and critically evaluate relevant health care research	48.1%	38.9%

Familiarity with electronic medical records or charting	24.8%	15.3%
Advanced or specialized training in pre/peri-natal massage	19.8%	7.9%
Advanced or specialized training in geriatric massage	17.9%	7.6%
Advanced or specialized training in oncology massage	15.6%	6.1%
Advanced or specialized training in orthopedic or rehabilitation massage	43.4%	47.4%
Advanced or specialized training in other medically-oriented massage	36.8%	38.4%
Other competency or advanced training (please describe)	22.9%	23.8%

Table 4: Massage educators' opinions on necessary competencies for massage therapists in different roles.

In making a referral to a massage therapist for their own patients or colleagues, the most important factor was personal knowledge or direct experience with the practitioner, followed by a state-recognized credential to practice, and word of mouth recommendation from a respected source. The least important factors were the practitioner's amount of academic education, which massage school the practitioner attended, and their amount of continuing education. Somewhat important were the number of years in practice and the general reputation or having heard of the practitioner.

When asked for their opinion of the current quality of massage education nationally, 75% of respondents stated that the quality is inconsistent, and 55.7% agreed that quality needs to improve if massage therapists want to be considered comparable to other allied health professionals such as physical therapy assistants. Only 10% agreed that quality is adequate. Complete numerical results are presented in Table 5.

Comments for this question spanned the gamut. One respondent commented that *"I believe the medical community will continue to shut us out unless we step up our abilities to meet them in the clinical world."* Another stated that *"I believe the profession needs to require academic degrees, but I believe that this is an idea ahead of its time."* and that *"Massage education is outdated. It needs to revamp into the 21st century; ethics, conduct, working with diverse populations, communication - for today's consumer!"* Another respondent held an opposing opinion, noting that:

"The quality is generally poor and getting worse. Most efforts to "improve" it are focused on cognitive learning that is largely irrelevant to the practice of massage. Stethoscope envy has us focused on the ridiculous goal of becoming accepted by the scandalous allopathic model of sickness maintenance. The nature of the questions and responses in this survey leave me little hope for it's future. I fear genuinely gifted massage practitioners will soon be driven back underground as they have been traditionally throughout history. What a shameful price to pay for the popularity of this approach to healing!"

Massage educators' opinions about the current quality of massage education	
I don't have an opinion	3.41%
The quality is generally poor	18.18%
The quality is adequate as it is now	10%
The quality is generally excellent	5.45%
The quality is inconsistent	75.23%
The quality trains practitioners very well to work in a variety of settings	7.73%
The quality trains practitioners very well to work as skilled healthcare professionals	5%
The quality needs to improve if massage therapists want to be considered comparable to other conventional allied health care professionals, such as physical therapy assistants	55.68%

Table 5: Massage educators' opinions on the current quality of massage education.

When asked if the quality of massage education needs to be improved, 86% said "Yes", 4.6% said "No", and 9% answered "I don't know." When asked what needed to be changed to improve the quality of massage education, better teacher training was the most popular response (66%). Complete responses are below in Table 6.

Massage educators' opinions on what is needed to improve educational quality	
Longer program time	37.82%
Better teacher training	65.99%
Academically-based program with recognized degree, such as a bachelor or masters	27.66%
More time developing psychosocial and communication skills	47.46%
Interprofessional education (taking courses with students from other health professions)	25.13%
Require a semester of practicum or internship placement, working with supervision in a clinical setting	41.62%
Other (please describe)	36.55%

Table 6: Massage educators' opinions on what is needed to improve educational quality.

Typical comments for this question emphasized competency-based education, along with fundamental knowledge and skills, and included:

"Competency based education. Greater emphasis on critical thinking and reasoning."

"Uniformity between states, practical exam for all, minimum educational competencies - not just hours."

"More educational hours on A&P, Pathology, and developing a treatment plan for individual clients."

"Not necessarily more hours, but better hours on communication and other skills. The academically based program that I envision would be voluntary, not mandatory. No cycling MT students into a program without appropriate pre-reqs or prep. Skills-based education rather than hours-based."

"More hands on hours & internship. 50% of the hours should be hands on. I have seen schools that emphasis academics and therapists come out with poor hands-on skills while schools that do not emphasis academics have better hands on but lack ability to understand how & why massage is helpful for the patient."

Comments also pointed out that not all therapists want to work in health care settings, and proposed two-tiered levels of education:

"Again, I am not sure that it needs to be improved until we decide as a profession what we want a beginning student to know. Actually I think we should do as many professionals do and have different levels of education depending where the therapist wants to work...like LPN or RN, PTA or PT...and so on. While I would love to have all students want to really expand themselves, the truth is a lot of students want to only practice stress relieving massage...and what a gift to mankind! I don't want to lose that in our quest to be medical wannabees... because if we are going to work in hospitals and think we are going to get paid for the work we do, we are going to need to look at massage in an entire different light."

In terms of the role of accreditation, 50% of massage educators believe that accreditation does improve the quality of massage education, 36% believe it doesn't, and 14% don't know. Forty-one percent (41%) believe that program accreditation specific to massage therapy is superior to general institutional accreditation that does not specify curriculum competencies for massage therapy, while 31.6% think it is not superior, and 27% don't know. Comments pointed out that while accreditation can help improve quality of education by outlining standards for curriculum content, it can also have negative consequences through poor implementation and its use as a means to qualify for large amounts of Federal financial aid. Several cited corporate schools as an example of poorer quality education, and prone to abuse of financial aid, stating for example that "corporate schools are only looking for money." Other comments were very critical of the lack of quality in corporate programs:

"Most of the graduates from career schools/corporate schools don't have the quality education that is found at private schools. Since most graduates come from the corp/career schools, the quality there needs improving greatly. Cost does not equal quality in those schools. For the best training, massage therapists need to attend private schools, where the school personnel truly care about helping them be the best massage therapists, rather than the only focus being on the student's money. Corp/career schools can't keep instructors, turnover is a huge issue, they pass students with

a grade of 60 (really?), and the instructors who do teach there are not qualified to teach most of the subjects. There are quality programs out there, most are at private, smaller schools. That is why the massage therapists from the private schools are in such demand."

A large number (112) of respondents wrote detailed and varied comments about what they believe is necessary to improve the quality of massage education. Overall, most comments were supportive of massage education becoming more academically based, for accreditation that is specific to massage therapy and bodywork, and is competency-based. Some called specifically for degree-based programs, as well as for increasing student admission requirements beyond having a high school diploma or GED. However, several respondents cautioned against raising academic standards at the expense of developing students' hands-on skills. Some typical comments:

"More pathology; more rehab skills as in Canada; clinical thinking skills and ability to articulate decision making."

"Competency based education; Greater emphasis on critical thinking and reasoning."

"More equal emphasis and teaching of the art as well as the science (however challenging that may be, it is very important.)"

One respondent went further, stating:

"This should really NOT be a discussion about the quality of education but about strategically organizing massage education as a whole in the U.S. With 250 modalities available and multiple submarkets in the massage field, there is definitely room to start discussing the implementation of an Associate Degree as a minimum standard and a Bachelor Degree in Massage Therapy as a goal for 2020, making sure that there is a smooth transition to an even-higher standard."

Summary of survey results for CIM educators:

Members of CACHIM (1073) and ACCAHC (204) were sent individual emails by their respective executive directors for a total of 1277 possible respondents. Follow-up reminders were sent two weeks after the initial email request to participate. Of the total possible respondents, 145 or 11% completed the survey, a typical rate of return for an online survey.

Of those, 25% identified their primary discipline as medicine or integrative medicine, 10% as acupuncture/Oriental medicine, 6% as nursing, and 4% as chiropractic. Other professions represented included psychology/counseling/social work, yoga therapy, physical therapy, naturopathic medicine, ayurvedic medicine, homeopathy, nutrition, and dance/movement therapy. Roughly 20% selected "Other" and described their primary discipline as medical education, occupational therapy, and research. A surprisingly large number of respondents (32%) identified their primary discipline as massage therapy/bodywork/somatic education, perhaps due to the number of massage educators within ACCAHC. Results were filtered to exclude those identifying massage therapy as their primary discipline, and only the results of non-MTs are reported here. The proportions of the remaining 97 respondents across disciplines is presented in figure 7 on the following page.

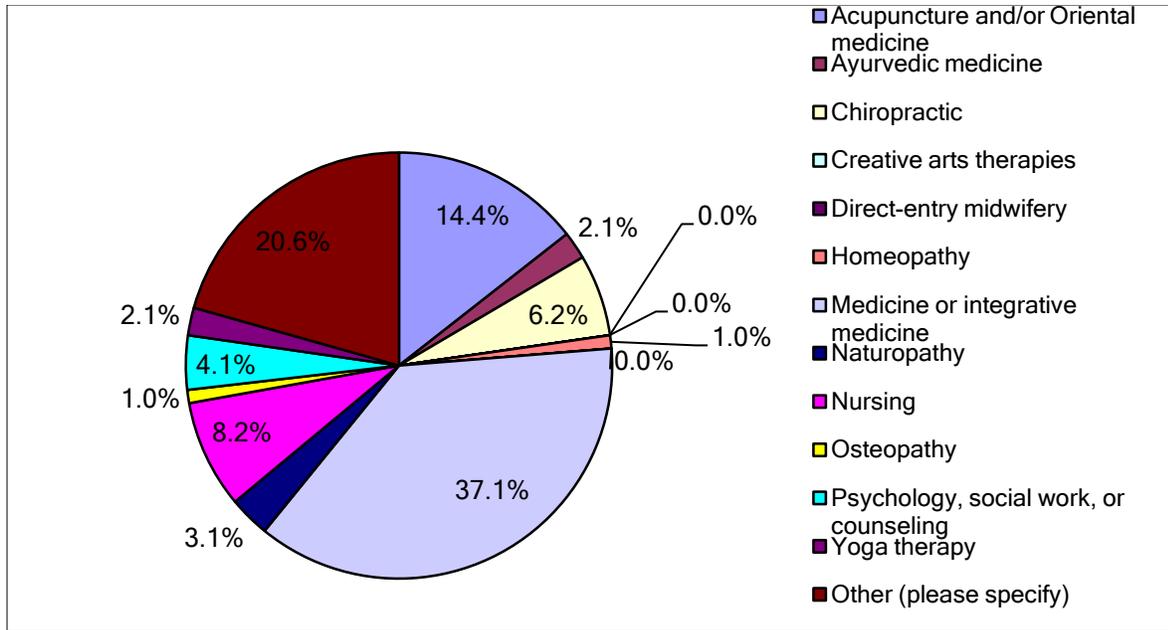


Figure 7. Percentage of CIM respondents by primary discipline.

In terms of respondent demographics, 69% were female, 29% were male, and 2% preferred not to answer. The average age of respondents was 50 (± 11), and the majority were white/Caucasian (73%), followed by Asian (12%), mixed (5%), African-American (2%), and Latino-Hispanic (3%). Approximately 4% of respondents preferred not to answer. These results are reported in Table 7.

Demographic characteristics of CIM educators		
Average age		50 (± 11.13)
Sex		
	Female	69.10%
	Male	28.90%
	Declined to answer	2.10%
Discipline		
	Acupuncture/DAOM	14.40%
	Ayurvedic medicine	2.10%
	Chiropractic	6.20%
	Homeopathy	1.00%
	Integrative medicine or medicine	37.10%

	Naturopathy	3.10%
	Nursing	8.20%
	Osteopathy	1.00%
	Psychology/social work	3.10%
	Yoga therapy	2.10%
Ethnicity		
	African-American	2.10%
	Asian	11.50%
	Caucasian	72.90%
	Latino/Hispanic	3.10%
	Native American or Pacific Islander	1%
	Mixed	5.20%
	Declined to answer	4.20%

Table 7: Demographic characteristics of CIM educators.

Respondents were evenly distributed geographically across the US, with a small percentage of Canadians. Figure 8 summarizes these results.

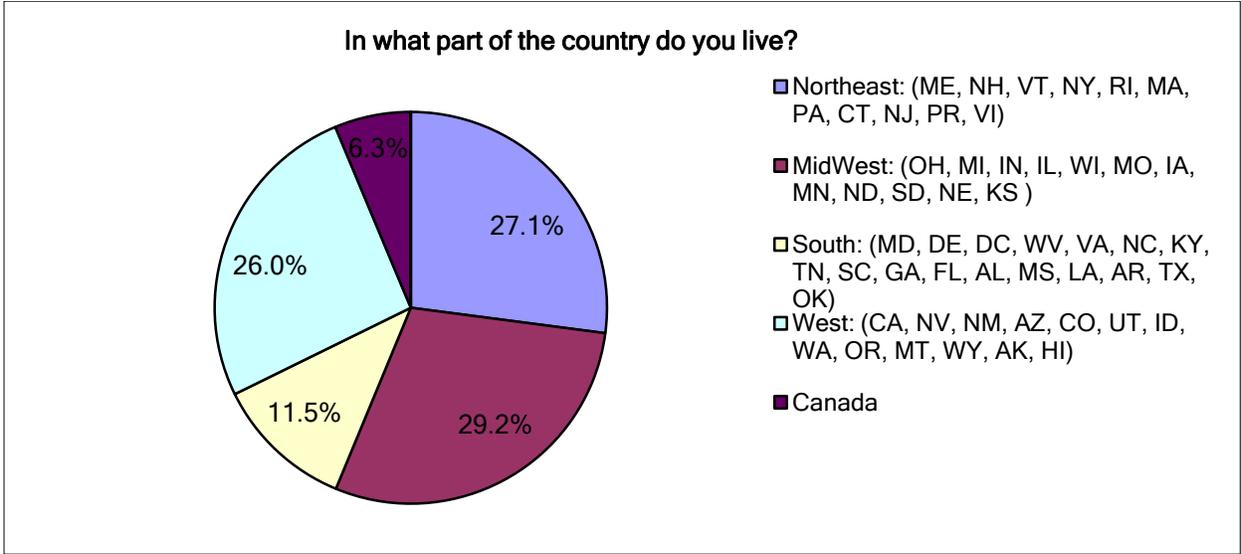


Figure 8. Geographical distribution of CIM educators.

The average number of years working in education was 16.86 (± 11.35), and 78% maintain either a part-time (40%) or full-time (34%) clinical practice in addition to their educational role. Practice characteristics showed fewer respondents in private practice settings compared to massage educators, with the majority practicing in hospitals or similar settings. These results are summarized in Figure 10. Twenty percent (20%) reported that they currently teach full-time, 58% currently teach part-time, and 23% serve in administrative positions and do not currently teach. These results are summarized in Figures 9-11.

The majority of respondents consider themselves at least somewhat knowledgeable about massage education (38%), with 24% rating themselves as moderately knowledgeable, and 22% as very knowledgeable. Only 16% rated themselves as not at all knowledgeable regarding massage education.

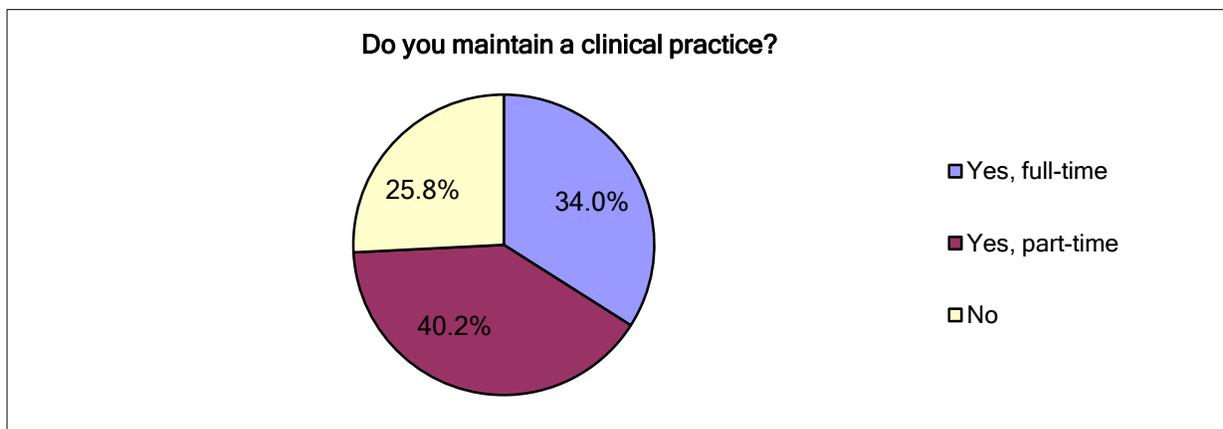


Figure 9. Percentages of CIM educators that maintain a clinical practice.

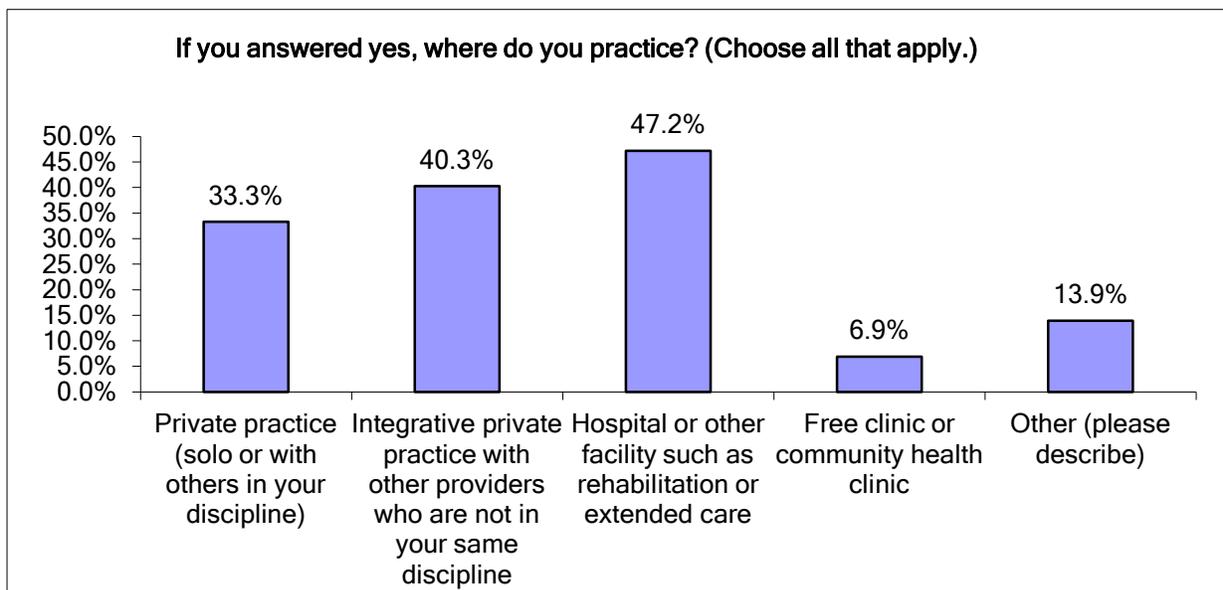


Figure 10. Practice patterns of CIM educators.

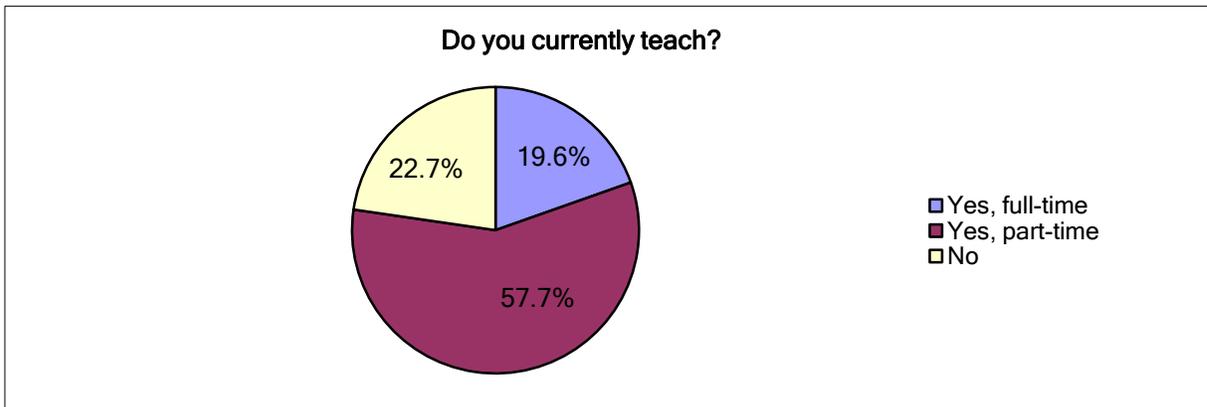


Figure 11. Percentage of time CIM educators spend teaching.

Respondents were then asked a series of question about what competencies they considered necessary for a massage therapist serving in different roles: as a colleague or peer practicing in a clinical setting, or as one's personal massage therapist providing services for the CIM educator/practitioner. Respondents were allowed to select as many competencies as they felt were required for that role. Respondents were then asked what factors they considered most important in choosing a practitioner to whom they would want to refer their own patients or clients for massage therapy. All answer choices were developed based on responses from previous individual and focus group interviews with both massage and CIM educators, and included an optional section for comments.

The most frequently selected competencies considered necessary for massage therapist colleagues/peers to have included: clinical judgment—ability to modify treatment to the individual patient (96%); interprofessional collaboration or ability to work as part of a team (96%); professional appearance and demeanor (94%); and good oral and written communication skills (92%). Therapeutic relationship skills (93.5%) were selected almost as often as proficiency in applying therapeutic techniques to benefit the patient (92.4%). Ability to assess treatment outcomes (88%), ability to develop a treatment plan (85%), and intake interviewing skills (83%) were also frequently rated necessary. Research literacy—ability to find and critically evaluate relevant health care research (52.2%) and familiarity with electronic medical recording or charting (51.1%) were considered necessary less frequently.

Competencies with the lowest frequencies included advanced or specialized training in areas such as geriatric massage (15%), pre and peri-natal massage (21%), oncology massage (25%), orthopedic or rehabilitation massage (36%), and other medically-oriented massage (38%). A possible explanation for the advanced/specialized training areas selected less frequently as necessary was noted in many of the comments for this question—respondents thought that that only therapists working in a clinical setting with these specific populations needed to possess such specialized training. As one respondent put it: *"I would like someone I call "colleague" to have advanced training for whatever population they were working with - for me that happens to be oncology. It wouldn't be as relevant if they worked in the clinic on a lot of post surgery (not oncology surgery specifically). So, I mean to indicate advanced training if they are working with special*

populations. Otherwise, that seems unprofessional and I wouldn't want to refer to them as a colleague." Comments also indicated that many respondents viewed ongoing continuing education to develop new skills as a necessity for professional development, and something they would expect of any peer or colleague.

In choosing a therapist to see for oneself as a client or patient, the competencies that CIM educators chose followed a similar pattern, with general competencies selected more often and specific competencies such as working with various special populations selected less often. Overall the same competencies judged as necessary for a colleague in a clinical setting were chosen less often for one's personal therapist. Competencies most often selected as necessary were professional appearance and demeanor (89%), weighted equally with clinical judgment and proficiency in applying therapeutic techniques (89%). Therapeutic relationship skills (88%), good oral and written communication skills (71%), ability to assess treatment outcomes (71%), ability to develop a treatment plan (67%), and intake interviewing skills (60%) were also frequently identified. The least frequently selected competencies for one's personal therapist were advanced/specialized training in oncology massage, pre and peri-natal massage, and geriatric massage (6.5%), followed by familiarity with electronic medical records or charting (16%), and advanced/specialized training in other medically-oriented massage (24%). About a quarter of respondents selected advanced/specialized training in orthopedic or rehabilitation massage as necessary (26%), and research literacy (24%) as a necessary competency for one's own therapist. One respondent commented: *"As a basically healthy person who generally seeks massage for basic support and rest, I want a therapist who can listen, be present and pay attention to what he/she feels in my tissue while working with me. I appreciate advanced training for what it seems to say about a practitioner's commitment to his/her development."* Or, as another respondent put it simply: *"Knows how to give a good massage."* Complete results are presented in Table 8.

CIM educators' opinions of necessary MT competencies in different roles		
Necessary competencies for an MT to have:	As a colleague	As one's personal therapist
Professional appearance and demeanor	93.5%	89.1%
Good oral and written communication skills	92.4%	70.7%
Interprofessional collaboration or ability to work as part of a team	95.7%	46.7%
Patient intake interviewing skills	82.6%	59.8%
Therapeutic relationship skills	93.5%	88%
Ability to develop a treatment plan	84.8%	67.4%
Proficiency in applying therapeutic techniques to benefit the patient	92.4%	89.1%
Clinical judgment--ability to modify treatment to the individual patient	95.7%	89.1%

Ability to assess treatment outcomes	88.0%	70.7%
Research literacy--ability to find and critically evaluate relevant health care research	52.2%	23.8%
Familiarity with electronic medical records or charting	51.1%	16.3
Advanced or specialized training in pre/peri-natal massage	20.7%	6.5%
Advanced or specialized training in geriatric massage	15.2%	6.5%
Advanced or specialized training in oncology massage	25.0%	6.5%
Advanced or specialized training in orthopedic or rehabilitation massage	35.9%	26.1%
Advanced or specialized training in other medically-oriented massage	38.0%	23.9%
Other competency or advanced training	18.5%	15.2%

Table 8: CIM educators' opinions of necessary MT competencies in different roles.

For the most part, CIM educators considered the same competencies as necessary at close to the same frequency as massage educators, usually within 5%. Intake interviewing skills and ability to develop a treatment plan were listed slightly more often by massage educators, while familiarity with electronic medical records or charting was listed twice as frequently by CIM educators compared to massage educators. A comparison of the necessary competencies to consider a massage therapist as a peer or colleague in a clinical setting by massage and CIM educators is presented in Table 9.

Necessary competencies to consider a massage therapist as a colleague by educator group		
Necessary competencies for an MT to be considered as a colleague	CIM educators	Massage educators
Professional appearance and demeanor	93.5%	98.6%
Good oral and written communication skills	92.4%	96.7%
Interprofessional collaboration or ability to work as part of a team	95.7%	90.6%
Patient intake interviewing skills	82.6%	93.9%
Therapeutic relationship skills	93.5%	93.9%
Ability to develop a treatment plan	84.8%	90.1%
Proficiency in applying therapeutic techniques to benefit the patient	92.4%	96.7%

Clinical judgment--ability to modify treatment to the individual patient	95.7%	96.2%
Ability to assess treatment outcomes	88.0%	86.6%
Research literacy--ability to find and critically evaluate relevant health care research	52.2%	48.1%
Familiarity with electronic medical records or charting	51.1%	24.8%
Advanced or specialized training in pre/peri-natal massage	20.7%	19.8%
Advanced or specialized training in geriatric massage	15.2%	17.9%
Advanced or specialized training in oncology massage	25.0%	15.6%
Advanced or specialized training in orthopedic or rehabilitation massage	35.9%	43.4%
Advanced or specialized training in other medically-oriented massage	38.0%	36.8%
Other competency or advanced training	18.5%	2.29%

Table 9: Necessary competencies to consider a massage therapist as a colleague by educator group.

Respondents were then asked to rank the factors they considered most important in choosing a therapist to whom they would refer their own patients or clients. The most highly ranked factor was direct knowledge or personal experience of an individual therapist. A word of mouth recommendation from others you respect was the next most highly ranked, followed by a state-recognized credential to practice. Number of years in practice was also considered important but secondary to the previous factors, as was the practitioner's general reputation. Educational factors such as which massage school the therapist attended and amount of academic and continuing education were rated as the least important factors.

Respondents were asked their current opinion regarding the quality of massage education nationally. The majority (58%) believe the quality is inconsistent. Complete results are presented below and are contrasted with massage educators' opinions. While both groups are in agreement that quality needs to be improved, more massage educators believe that current quality is inconsistent and needs to be improved if MTs want to be considered comparable to other allied health professionals.

CIM educators' opinions of the quality of massage education, compared to MT educators'		
	CIM educators	MT educators
I don't have an opinion	22.14%	3.41%

The quality is generally poor	7.63%	18.18%
The quality is adequate as it is now	8.40%	10%
The quality is generally excellent	5.34%	5.45%
The quality is inconsistent	58.02%	75.23%
The quality trains practitioners very well to work in a variety of settings	9.16%	7.73%
The quality trains practitioners very well to work as skilled healthcare professionals	2.29%	5%
The quality needs to improve if massage therapists want to be considered comparable to other conventional allied health care professionals, such as physical therapy assistants	39.69%	55.68%

Table 10: CIM educators' opinions of the quality of massage therapy education, compared MT educators'.

Typical comments from CIM educators in response to this question included:

"There are more MT education facilities, but what I hear from my clients is that many experiences have been sub-par and nonspecific."

"The requirements for admission to programs might need to be higher."

"I have worked with incredibly skilled, incredibly knowledgeable, advanced practice LMTs who practice medical massage therapy. But I do not believe they are the norm as far as licensing, credentialing, continuing professional development."

"With the direction of massage therapy being integrated into more clinical environments, such as hospitals and medical clinics, the overall/general education of massage therapists is vastly inadequate. The demand for massage therapists with higher levels of clinical training far exceeds the number of qualified caregivers."

"Too much fluff and buff and too little therapy. Needs more awareness of massage as a body-mind-spirit intervention in which the client becomes an active partner in the therapeutic endeavor. Also needs more awareness of the body as metaphor and the clinical implications of that model."

In response to the question "Do you think that the quality of massage education needs to be improved for massage therapists to be seen as comparable to other complementary or integrative health care professionals, such as acupuncturists?", 61% of respondents answered yes, 8% answered no, and 31% answered 'don't know.' Some comments pointed out that the lack of consistency in education is a problem:

"The inconsistency of massage education and licensing requirements makes it hard to evaluate massage as a single profession."

"Some schools are very high quality. It would be good to have more uniformity."

"Consistency of massage education, perhaps."

Respondents also commented that other providers need to be better educated about massage therapy, and that massage education should teach enough pathology to recognize more serious conditions that require referral:

"What will make a difference is education of health professionals on effectiveness of massage for medical conditions - also improved inter-disciplinary communication is what is necessary in order to become part of established conventional care."

"More diagnostic classes need to be taught for massage therapists to be able to recognize potential disease processes for referral to other medical specialties if the massage therapist wants to be on par with other medical professions."

Massage therapists who commented on this question generally endorsed the idea of more academically based education and higher admissions standards. A couple were more cautious in their responses. One said: *"It depends who you ask. Do massage therapists want to be seen as such? Most likely some do, and they will be the ones pushing for this. However, some don't, and they might not care. I am not saying improving education is bad or good, I am suggesting that not all massage therapists want to be seen in that medical light."*

Those who responded "Yes" to the previous question were then asked to specify what would improve the quality of massage education, and these responses are presented and compared to massage educators in Table 10. In almost all areas listed, a larger percentage of CIM educators agreed that these actions would improve quality, compared to massage educators. The largest differences were interprofessional education, supervised internship or practicum placements, and academically-based programs. The only area of agreement was more time to develop psychosocial and communication skills.

CIM educators' opinions on what would improve the quality of massage education, compared to MT educators'		
	CIM educators	Massage educators
Longer program time	47.96%	38%
Better teacher training	50%	65.8%
Academically-based program with recognized degree, such as a bachelor or masters	53.06%	27.6%

More time developing psychosocial and communication skills	50%	47.6%
Interprofessional education	56.12%	25.3%
Require a semester of practicum or internship placement, working with supervision in a clinical setting	70.41%	41.8%
Other (please describe)	29.59%	36.5%

Table 11: CIM educators' opinions on what would improve the quality of massage education, compared to massage educators'.

Other responses covered a variety of topics, from anatomy to cultural competence, and included:

"More whole body systems interconnectedness, more disease-specific/etiology driven, organ-specific protocols, mind-body medicine skills, energy medicine, and therapeutic counseling skills."

"Program entry requirements other than age 18 and a credit card. Even nursing, PTA, and OTA programs have prerequisites."

"Improve education about primary anatomy and physiology. Integrate across muscular skeletal and meridian systems and connective tissue and neurology."

"No practice can be specifically = to another. In my opinion, the public has more confidence when they see/are aware of an academic degree (whether or not necessary.) Consistency in thorough education in A&P, Kinesiology, empathetic communication, clear documentation skills, and activity analysis are all necessary for a comprehensive, effective massage therapy session."

"With the psychosocial and communication skills, a consistent education of culture and the diversity of our nation. My academic background in cultural, social and developmental psychology has served me well and often in the hospital and oncology setting. I've seen other providers, usually new, flounder with ignorance working with multi-cultural patients. ie. so much prejudice against Muslims or assuming Pakistanis are from India, etc. Better teaching training. I look good on paper for massage and teaching - having taught university and practiced massage. Teaching massage is very different! Maybe ongoing staff trainings, also including cultural education. When I taught massage, a revered teacher was making the assumption that those who might identify as African-American or black, were inherently less smart because their (her students) communication skills were not like hers. This came out in a teacher development day."

Regarding accreditation of massage education, 54% of CIM respondents believe that accreditation generally improves the quality of massage education, with 9% answering no, and 37% responding "don't know." However the majority of respondents were unaware of the difference between programmatic versus school or institutional accreditation. When asked whether programmatic accreditation specific to massage therapy was superior to general institutional accreditation that does not specify curriculum competencies for massage therapy, more than half of respondents, 53%, answered "don't know". Forty percent answered "Yes" and 8% of respondents answered "No".

Final comments from CIM educators on what is needed to improve quality of massage education included suggestions regarding accreditation and specific curriculum content:

"The organization who is in charge of the massage education should ensure the quality of the massage schools."

"Most accreditation is not so important because it is not massage specific enough. Good, in-depth accreditation could make a real difference."

"Accreditation is an expensive process. Some schools will go with whatever program will accredit them at the less expensive price. Quality of education then suffers, in my opinion. Also, most schools have low requirements. Every new graduate of a massage therapy program would benefit from mentoring upon graduation. Every single one."

"Massage therapists are working in hospitals caring for the suffering of many seriously ill patients. They need training and confidence to work effectively and safely with these patients and their family caregivers, and they need to act professionally and learn to work as a part of an interdisciplinary medical team. Massage therapists no longer only work in spas and health clubs and the education needs to reflect this change in modality application."

"I'm aware of a well established, 750+ hr requirement, "nationally recognized" school that produces MTs that can't provide a good, general massage for a healthy client. And, I know small schools with lower hourly requirements that produce excellent practitioners. I hope we remember to focus on quality first and foremost, not quantity for quantity's sake... One grad of the first type is actually very angry that she went through 750 hours, got her CMT and was told by several potential employers that she just doesn't have the basic skills. And as I know her, she is not a "bad" student or disengaged learner... just poor instruction and little to no clinical feedback."

Discussion

So, what does this data tell us about the current quality of massage education in the US? The quantitative results on educational outcomes presented here can only be considered an approximation due to the different ways that schools are allowed to report their numbers to their respective accrediting agencies and to the Department of Education. Graduation rates and job placement rates in particular are likely be optimistic estimates, as most programs have an incentive to 'massage the data' to have these numbers appear in the best possible light. The financial aid data, especially loan repayment rates, probably paint a more realistic picture. The ability to repay student loans indirectly indicates that a graduate is employed, but whether they are employed as a massage therapist and making a living wage is unknown.

The majority of the 487 schools included in this analysis participate in Title IV. Schools that do not participate in Title IV are not required to publish gainful employment rates or other related information, and many do not provide this information on their websites. Some schools provided data on one or more outcomes but not all outcomes of interest. Data from non-accredited programs is difficult to obtain and could not be included. Thus, the results presented here may not be representative of all US massage schools/programs, particularly for non-

accredited schools and programs that graduate less than 30 students annually, and so these numbers should be interpreted cautiously.

Based on the available data, the average tuition cost for a massage program nationally is \$13,605, and this cost varies a great deal depending on the type and length of the program. The national average loan repayment rate is only 43.4%, indicating that more than half of massage program graduates have difficulty repaying their student loans.

The average tuition cost of corporate programs (\$16,561.77) is higher than the national average, and these programs had a relatively high median loan burden of \$9,998.85, with the lowest repayment rate (41.3%). Average tuition costs at all other for-profit schools is somewhat lower (\$13,505.24), with a slightly lower median loan burden of \$8,228.05 and slightly higher repayment rate of 46.7%. Tuition costs at community colleges (\$5,647.05) are considerably lower than the national average, and these programs show the lowest median loan burden (\$2,004.06). No repayment rate data was available for community college programs; however, the relatively low loan burden makes it more likely that repayment rates are higher than those for corporate and for-profit programs. Programs with the highest average repayment rate (83.45%) are those based in CAM universities. These have a lower average tuition cost of \$10,768.40, with a median loan burden of \$9,871.75 that is comparable to the loan burden of corporate programs but a repayment rate that is almost double. By these metrics, community college and CAM university-based programs appear to offer the best value for cost, followed by for-profit programs. Overall, corporate programs appear to offer the least value for cost.

Data analysis of tuition costs and educational outcomes shows that some accreditation organizations have poorer outcomes than others. Tuition costs at ACICS massage schools have the highest average tuition cost (\$18,581.28), and highest median loan burden (\$11,532.50), with the lowest repayment rate (39%), which seems to indicate poor value for cost. Tuition costs at schools accredited by other organizations have fairly comparable costs, with NACCAS schools showing relatively lower average tuition cost (\$9,253.98) and a relatively higher repayment rate of 59%. Programs accredited through COMTA have the highest repayment rate (61.00%) with a moderate average tuition cost of \$12,592.36, slightly below the national average overall and below the average cost of non-corporate for-profit schools. The median loan burden for graduates of COMTA programs is almost twice as high (\$7,969.11) compared to graduates of NACCAS programs (\$4,101.11), yet their repayment rate is comparable. By these metrics, COMTA accredited schools and programs appear to offer the best value for cost. These results also suggest that programmatic accreditation offers good value for cost, compared to institutional accreditation.

Accreditation in general appears to make some difference in the numbers of practitioner disciplinary actions. Despite some amount of probable measurement error, among the regulated states there are substantially more actions—the average number of disciplinary actions to states is almost twice as many—against providers in states that do not require graduation from an accredited school compared to those that do. Even taking error and confounding into account, school accreditation still appears to be moderately correlated with fewer practitioner sanctions. More research is needed to confirm these findings.

Both massage and CIM educators can be considered highly informed consumers of massage therapy. It is interesting to see that both groups have different expectations regarding the competencies considered necessary for massage therapists that depend on the role of the therapist. There is substantial agreement between massage educators and other complementary and integrative healthcare educators regarding the competencies each group considers necessary to see a massage therapist as a colleague or peer, and separately in the role of one's own personal therapist. Advanced level competencies in specialty areas of practice are considered less important than general competencies overall, by both groups. But, while CIM educators selected these much less frequently, from their comments it is clear that they assume and expect that someone working with a particular population, such as oncology patients, orthopedic patients, or geriatric and pediatric patients in a clinical setting to have specific training and/or credentialing in these areas, just as they assume all massage therapists are credentialed to practice in their state.

It is not surprising that each group is willing to accept a lesser degree of competency in some areas that may not be applicable to them on an individual level, as long as the therapist is generally proficient and can give a massage that is satisfying to the individual client. One area of notable disagreement between the two educator groups is familiarity with electronic medical records or charting records. Along with interprofessional collaboration and research literacy skills, programs that aim to prepare massage therapists to work in clinical healthcare settings would do well to include these in the curriculum.

Massage educators appear to have a more negative view of the inconsistency of massage education compared to CIM educators, as higher percentages of massage educators agreed that the quality is both poor and inconsistent, and that it needs to improve to be seen as comparable to other allied health providers. However, a higher percentage of CIM educators had no opinion about the quality of massage education, which could account for this difference. Given that educational quality is perceived as so variable, it is not surprising that personal experience or direct knowledge of a practitioner is the single most important factor in choosing a therapist for most respondents, whether they are massage educators or CIM educators.

Despite their more negative perception of the quality of massage education, massage educators do not agree with CIM educators about what is needed to improve quality. More CIM educators agreed that longer program time, more academically-based programs, more interprofessional education, and requiring supervised internships or practicum placements would improve quality, compared to massage educators. The comments of massage educators showed a good deal of support for these means of improving educational quality, as long as the wellness and 'mind-body-spirit' orientation of massage therapy is maintained, together with an emphasis on proficiency in practical application—being able to give a 'good' massage. Both groups suggested that raising admission requirements to massage programs is a necessary step in improving quality. Massage educators' comments also appear to support competency-based educational standards.

There is a current trend across all sectors of post-secondary education to view education as a commodity (Alonso, 2010), and much has been written about the corporatization of higher

education in recent years. Massage therapy education is no exception, as evidenced by the increased number of corporate-owned chains of massage schools and programs within career and technical school chains over the past 15 years, even though their rapid growth has slowed somewhat since the Great Recession of 2008. Some would argue that massage therapy itself has become a commodity, based on the rise of franchises that offer reduced rates for consumers, and the development of provider networks such as American Specialty Health, that offer reduced reimbursement to providers in exchange for referrals. From this perspective, massage therapy and massage therapy education are arguably victims of their own success.

Clearly, based on the data presented here, the quality of massage education in the United States is inconsistent and varies widely, whether it is assessed quantitatively or qualitatively. This inconsistent quality undermines the integrity and perceived value of massage therapy education, and consequently, the integrity and value of massage therapy as a profession. Integrity is jeopardized when any educational provider or massage practitioner performs or is perceived to perform poorly, raising concerns about the quality of training offered by all educational providers. If the educational process that produces massage practitioners is unreliable, then the reputation of all practitioners is damaged by those who complete an educational program, pass a qualifying examination and become credentialed to practice, and yet cannot perform a massage to the satisfaction of the consumer. The current changes that are rapidly happening in the larger healthcare landscape hold tremendous opportunities for massage therapy as a discipline. At the same time, unless educational and regulatory standards can evolve to keep pace, massage therapists who wish to practice as integrative healthcare providers will be shut out of those opportunities.

Conclusion and Recommendations

Returning to the original questions that framed this evaluation, we can say that accreditation does improve the quality of massage education, and at the same time, that there is much room for improvement. Knowledgeable and experienced educators both inside and outside the massage profession are in agreement on this point. COMTA accreditation in particular does appear to offer better value for cost, compared to other accreditation organizations that do not have curriculum competencies specific to massage therapy in their standards. Adding competencies at an advanced level would be helpful to some extent in advancing the perception and status of massage therapy in the eyes of other conventional and integrative healthcare professions. However, raising admission requirements to massage programs, moving to longer and more academically-based programs, including degree programs, and requiring supervised clinical internships or practicum placements would be even more helpful to raise the perceived quality of massage education. Including more interprofessional education, such as the skills needed for interprofessional practice, and for using electronic medical records and charting, along with research literacy skills, are also necessary competencies from the viewpoint of CIM educators.

There are several recommendations for improving the quality of massage education that this data suggests. One is that data on ethical and legal violations of massage therapy

standards of practice should be compiled according to agreed upon criteria and maintained in a single registry that includes information on the practitioner's training institution, to facilitate more accurate recordkeeping and future research. Ideally, this registry would be maintained by an umbrella organization, such as the Federation of State Massage Therapy Boards. If accreditation does indeed reduce ethical violations by practitioners, then credentialing examinations should require graduation from an accredited school or program to sit for the examination.

Another recommendation is that massage programs consider raising admissions requirements to include one to two years of college or other vocational education, a recommendation made by many respondents in both the massage and CIM educator groups surveyed. Only 10% of current AMTA-affiliated massage therapists list a high school diploma as their highest level of education, according to the most recent AMTA survey (American Massage Therapy Association, 2013). Sixty-five percent report some college or higher, although it is certainly possible that some of those respondents are counting their massage training as 'some college'. Currently, 30% hold bachelor degrees. It would be interesting to see to what extent academic education is correlated with income from massage and/or career longevity, and what other characteristics leading to career success could be identified through additional research. Such research might also specify useful criteria for admission to massage programs.

Proprietary schools might consider developing articulation agreements with community college or even four-year bachelor-level programs. This strategy could allow smaller proprietary schools to partner rather than compete with community college programs, while still maintaining high standards of hands-on training and a whole-person philosophy of practice. Through such agreements, community colleges could provide access to remedial education for massage therapy students who lack sufficient reading, writing, and math skills. Community-based partnerships to develop supervised clinical internships or practicum placements should also be explored, as well as ways to create career paths for full-time massage therapy educators who have training in adult education. Teaching is a separate skill from practicing massage, and being proficient as a practitioner does not automatically make someone a competent educator, even to teach clinical, hands-on skills.

The US Department of Education recently proposed revisions to how gainful employment data will be calculated and used to qualify institutions for offering Federal financial aid. How this will affect massage schools and programs, especially proprietary schools, remains to be seen. One step that could be helpful is for massage programs to reach consensus on how to measure graduation and job placement rates, so that more accurate comparisons can be made. Ideally, this information would be compiled and maintained by a massage-related organization with sufficient funding to carry out this task, and no actual or perceived conflict of interest. Compiling and maintaining this data would facilitate educational research to track the longer term outcomes of massage programs. Such research can determine what factors contribute to practitioner success, satisfaction, and career longevity, and is very badly needed.

As Dew points out, the term 'quality' is often used in a dual sense, to refer not only to meeting basic requirements, but also to process improvement—the pursuit of excellence. The

concept of total quality management encompasses process improvement across all aspects of delivering a service or product. Massage therapy as a discipline appears to be evolving in the direction of raising its basic educational requirements, as demonstrated by the recent ELAP and TESP projects. While specifying learning objectives and recommending the number of hours needed to teach particular subject areas is useful, a competency-based education standard is a better method to ensure that students have mastered a body of knowledge and can demonstrate sufficient skill in applying what they have learned. Accreditation based on a curriculum that is specific to massage therapy and that requires ongoing assessment and demonstration of competency seems like common sense, not only to meet basic requirements, but also as a means to encourage the pursuit of educational excellence. Applying teacher competency standards to accreditation supports both aims as well.

The recommendations presented here will obviously require cooperation among educational and regulatory bodies, funding, and time to implement. But it is imperative that these conversations begin now. Institutions and educators have a responsibility to students, to healthcare consumers, and to the profession itself to be held accountable for the quality of massage education they provide. In the meantime, prospective students contemplating massage therapy as a career should shop around—looking carefully at all of their available educational options, and asking questions about value for cost with the expectation of getting straightforward answers. They should also have frank conversations with recent graduates and faculty from different programs, and then choose wisely. Their future success as a massage therapist depends on it.

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**State of Wisconsin
Department of Safety & Professional Services**

AGENDA REQUEST FORM

1) Name and Title of Person Submitting the Request:		2) Date When Request Submitted: 7/2/2016	
		Items will be considered late if submitted after 4:30 p.m. and less than: <ul style="list-style-type: none"> ▪ 10 work days before the meeting for Medical Board ▪ 14 work days before the meeting for all others 	
3) Name of Board, Committee, Council, Sections: Massage Therapy and Bodywork Therapy Affiliated Credentialing Board			
4) Meeting Date: 7/19/2016	5) Attachments: x Yes <input type="checkbox"/> No	6) How should the item be titled on the agenda page? Federation of State Boards of Massage Therapy (FSMTB) Annual Meeting - October 6-8 – Cleveland, OH	
7) Place Item in: x Open Session <input type="checkbox"/> Closed Session <input type="checkbox"/> Both	8) Is an appearance before the Board being scheduled? If yes, who is appearing? No	9) Name of Case Advisor(s), if required:	
10) Describe the issue and action that should be addressed: The Board should consider the possibility of sending a member to the FSMTB annual meeting. If a member is available to attend, a motion is needed to authorize attendance and approve travel. More information about the meeting: https://www.fsmtb.org/member-boardsagencies/member-services/annual-meeting/			
11) Authorization			
Signature of person making this request		Date	
Supervisor (if required)		Date	
Bureau Director signature (indicates approval to add post agenda deadline item to agenda)		Date	