Interprofessional Education in the Clinical Training of CAM students

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Academic Consortium for Complementary and Alternative Health Care

• created in 2004 to enhance inter-disciplinary collaboration by fostering mutual respect and understanding across all healthcare disciplines

• core members from the 5 licensed integrative, complementary and alternative disciplines: acupuncture and Oriental medicine, chiropractic, massage therapy, direct-entry midwifery, and naturopathic medicine

www.accahc.org
Why look at IPE in Clinical Training?

If/how students are being prepared in clinical training to work with healthcare providers from other professions.

Differences between profession? Between types of clinical settings? Between single and multi-discipline institutions?
Methods

• Descriptive observational electronic survey

• Population
  – accredited schools and programs in each of the five licensed CAM disciplines
  – administrators who oversee clinical training at each institution

• Study approved by the University of Bridgeport Institutional Review Board
## Results

Overall Response rate: 66%

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Accredited schools &amp; programs</th>
<th>Opted out</th>
<th>Total invited</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOM</td>
<td>58</td>
<td>2</td>
<td>51*</td>
<td>57% (29/51)</td>
</tr>
<tr>
<td>DC</td>
<td>19</td>
<td>0</td>
<td>19</td>
<td>89% (17/19)</td>
</tr>
<tr>
<td>MT</td>
<td>67</td>
<td>1</td>
<td>47*</td>
<td>60% (28/47)</td>
</tr>
<tr>
<td>DEM</td>
<td>9</td>
<td>0</td>
<td>9</td>
<td>67% (6/9)</td>
</tr>
<tr>
<td>ND</td>
<td>8</td>
<td>0</td>
<td>8</td>
<td>100% (8/8)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>134</strong></td>
<td></td>
<td></td>
<td><strong>66% (88/134)</strong></td>
</tr>
</tbody>
</table>

*When there were multiple campuses for the same school, with the same person overseeing the clinical training of students, only one survey was sent. This was the case for 5 AOM schools and 19 MT schools.
## Results

### Single vs Multi-Discipline Institutions

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Total Single Discipline Schools Invited</th>
<th>Total Multi-Discipline Schools Invited</th>
<th>Response Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOM</td>
<td>44</td>
<td>7</td>
<td>Single 50% (22/44)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (7/7)</td>
</tr>
<tr>
<td>DC</td>
<td>12</td>
<td>7</td>
<td>Single 83% (10/12)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (7/7)</td>
</tr>
<tr>
<td>MT</td>
<td>43</td>
<td>4</td>
<td>Single 56% (24/43)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (4/4)</td>
</tr>
<tr>
<td>DEM</td>
<td>8</td>
<td>1</td>
<td>Single 63% (5/8)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (1/1)</td>
</tr>
<tr>
<td>ND</td>
<td>4</td>
<td>4</td>
<td>Single 100% (4/4)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (4/4)</td>
</tr>
<tr>
<td>Total</td>
<td>111</td>
<td>23</td>
<td>Single 59% (65/111)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Multi 100% (23/23)</td>
</tr>
</tbody>
</table>
Clinical Training Settings

• **Most common**
  - Single and multi discipline institutions
    - Clinics owned/operated by the school, located on the school’s campus (Single 82%; Multi 55%)

• **Second most common**
  - Single discipline institutions
    - Clinics owned/operated by the school, located on the school’s campus (28%), followed closely by partnerships with one or more hospitals/medical centers (25%)
  - Multi discipline institutions
    - Clinics owned/operated by their school, located off site from the school’s campus (42%)
| Most common setting | | | Second most common setting | | |
|---|---|---|---|---|
| | Single | Multi | | Single | Multi |
| A. Clinic(s) owned/operated by your school, located on your school’s campus | 82.3% | 54.5% | | 28.3% | 5.3% |
| B. Clinic(s) owned/operated by your school, located off site from your school’s campus | 4.8% | 18.2% | | 11.3% | 42.1% |
| C. Partnership with one or more hospitals/medical centers | 1.6% | 4.5% | | 24.5% | 21.1% |
| D. Partnership with one or more Federally Qualified Health Centers | 0.0% | 0.0% | | 1.9% | 0.0% |
| E. Partnership with one or more ambulatory community health facilities. (e.g. homeless center, senior center, church) | 1.6% | 4.5% | | 15.1% | 21.1% |
| F. Partnership with one or more private practice settings (This includes preceptorships with individual licensed providers within the given discipline) | 9.7% | 4.5% | | 7.5% | 0.0% |
| G. Other type of clinical training setting (please describe below) | 0.0% | 13.6% | | 11.3% | 10.5% |
Involvement of other provider types

– Engage in regular communication regarding patient care
– Provide observational opportunities for students
– Participate in shared case management decision making
– Directly oversee students in delivering care
– Other
## Frequency of involvement of other disciplines: AOM

<table>
<thead>
<tr>
<th>AOM</th>
<th>Single Discipline, Most Common Setting</th>
<th>Multi-Discipline, Most Common Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 18</td>
<td>N= 6</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>CHIRO</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>NATURO</td>
<td>75%</td>
<td>25%</td>
</tr>
<tr>
<td>MT</td>
<td>47%</td>
<td>33%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>82%</td>
<td>18%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>67%</td>
<td>33%</td>
</tr>
<tr>
<td>NURSES</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>90%</td>
<td>10%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AOM</th>
<th>Single Discipline, 2nd most common setting</th>
<th>Multi-Discipline, 2nd most common setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 16</td>
<td>N= 6</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>CHIRO</td>
<td>78%</td>
<td>11%</td>
</tr>
<tr>
<td>NATURO</td>
<td>54%</td>
<td>23%</td>
</tr>
<tr>
<td>MT</td>
<td>45%</td>
<td>36%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>89%</td>
<td>0%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>55%</td>
<td>27%</td>
</tr>
<tr>
<td>NURSES</td>
<td>78%</td>
<td>11%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>70%</td>
<td>20%</td>
</tr>
</tbody>
</table>
Other provider involvement at AOM institutions

• Little to no DC interaction in single discipline institutions; much interaction in the multi’s

• Some interaction with NDs in single discipline institutions and much more in the multi’s

• Varying degrees of interaction with MTs and MD/DOs in the single settings and the multi most common setting. In the multi 2nd most common setting, MTs are not at all involved and MD/DOs are very involved

• No exposure to DEM providers

• Little to no other CAM provider interaction in single discipline institutions and multi most common setting; but much interaction in the multi 2nd most common setting

• Little to no Nurses/Allied health interaction in single discipline institutions; much interaction in the multi’s
Frequency of involvement of other disciplines: DC

<table>
<thead>
<tr>
<th>DC</th>
<th>Single Discipline, Most Common Setting</th>
<th>Multi-Discipline, Most Common Setting</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>N= 10</td>
<td>N= 7</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>43%</td>
<td>29%</td>
</tr>
<tr>
<td>NATURO</td>
<td>63%</td>
<td>25%</td>
</tr>
<tr>
<td>MT</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>70%</td>
<td>20%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>67%</td>
<td>22%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>60%</td>
<td>30%</td>
</tr>
<tr>
<td>NURSES</td>
<td>67%</td>
<td>22%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>36%</td>
<td>45%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DC</th>
<th>Single Discipline, 2nd most common setting</th>
<th>Multi-Discipline, 2nd most common setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 10</td>
<td>N= 7</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>56%</td>
<td>22%</td>
</tr>
<tr>
<td>NATURO</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>MT</td>
<td>75%</td>
<td>25%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>100%</td>
<td>0%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>44%</td>
<td>33%</td>
</tr>
<tr>
<td>NURSES</td>
<td>44%</td>
<td>33%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>13%</td>
<td>63%</td>
</tr>
</tbody>
</table>
Other provider involvement at DC institutions

- Some AOM and ND interaction in the single discipline institutions; more in multi’s
- Virtually no MT exposure in the single discipline institutions; but some in multi’s
- No DEM exposure; and very little other CAM exposure
- Very little MD/DO interaction in the single discipline institutions; significant interaction in multi’s
- Some interaction with nurses
**Frequency of involvement of other disciplines: ND**

<table>
<thead>
<tr>
<th>ND</th>
<th>Single Discipline, Most Common Setting</th>
<th>Multi-Discipline, Most Common Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 4</td>
<td>N= 4</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Not involved</td>
</tr>
<tr>
<td></td>
<td>Communication, student observation, and other</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Shared case management decision making</td>
</tr>
<tr>
<td></td>
<td>Directly oversee students in delivering care</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>50% 25% 0% 25% 25% 0% 25% 50%</td>
<td>25% 0% 25% 50%</td>
</tr>
<tr>
<td>CHIRO</td>
<td>50% 0% 0% 50% 0% 33% 0% 67%</td>
<td>0% 33% 0% 67%</td>
</tr>
<tr>
<td>MT</td>
<td>100% 0% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100% 0% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>75% 0% 0% 25% 33% 0% 0% 67%</td>
<td>33% 0% 0% 67%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>50% 50% 0% 0% 0% 50% 0% 50%</td>
<td>0% 50% 0% 50%</td>
</tr>
<tr>
<td>NURSES</td>
<td>100% 0% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>50% 25% 0% 25% 33% 0% 0% 67%</td>
<td>33% 0% 0% 67%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ND</th>
<th>Single Discipline, 2nd most common setting</th>
<th>Multi-Discipline, 2nd most common setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 4</td>
<td>N= 4</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Not involved</td>
</tr>
<tr>
<td></td>
<td>Communication, student observation, and other</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Shared case management decision making</td>
</tr>
<tr>
<td></td>
<td>Directly oversee students in delivering care</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>75% 0% 0% 25% 0% 0% 0% 100%</td>
<td>0% 0% 0% 100%</td>
</tr>
<tr>
<td>CHIRO</td>
<td>75% 0% 0% 25% 33% 0% 0% 33%</td>
<td>0% 33% 0% 33%</td>
</tr>
<tr>
<td>MT</td>
<td>100% 0% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100% 0% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>75% 25% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>75% 25% 0% 0% 0% 67% 33% 0%</td>
<td>0% 67% 0% 33%</td>
</tr>
<tr>
<td>NURSES</td>
<td>75% 25% 0% 0% 67% 33% 0% 0%</td>
<td>67% 33% 0% 0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>75% 25% 0% 0% 100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
</tbody>
</table>
Other provider involvement at ND institutions

- Some interaction with AOM, DC, and MD/DO providers in the single discipline institutions, and more in multi’s
- No exposure to MT, DEM and very little to nurses
- Some interaction with other CAM and Allied providers
# Frequency of involvement of other disciplines: MT

<table>
<thead>
<tr>
<th>MASSAGE THERAPY</th>
<th>Single Discipline, Most Common Setting</th>
<th>Multi-Discipline, Most Common Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 20</td>
<td>N= 4</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Not involved</td>
</tr>
<tr>
<td></td>
<td>Communication, student observation, and other</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Shared case management decision making</td>
</tr>
<tr>
<td></td>
<td>Directly oversee students in delivering care</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>80% 7% 7% 7%</td>
<td>50% 33% 0% 17%</td>
</tr>
<tr>
<td>CHIRO</td>
<td>79% 7% 14% 0%</td>
<td>9% 45% 27% 18%</td>
</tr>
<tr>
<td>NATURO</td>
<td>92% 0% 8% 0%</td>
<td>25% 25% 25% 25%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>79% 14% 7% 0%</td>
<td>50% 25% 0% 25%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>87% 7% 7% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>NURSES</td>
<td>87% 0% 13% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>79% 7% 14% 0%</td>
<td>25% 50% 25% 0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MASSAGE THERAPY</th>
<th>Single Discipline, 2nd most common setting</th>
<th>Multi-Discipline, 2nd most common setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 15</td>
<td>N= 4</td>
</tr>
<tr>
<td></td>
<td>Not involved</td>
<td>Not involved</td>
</tr>
<tr>
<td></td>
<td>Communication, student observation, and other</td>
<td>Communication, student observation, and other</td>
</tr>
<tr>
<td></td>
<td>Shared case management decision making</td>
<td>Shared case management decision making</td>
</tr>
<tr>
<td></td>
<td>Directly oversee students in delivering care</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>80% 20% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>CHIRO</td>
<td>80% 20% 0% 0%</td>
<td>20% 60% 0% 20%</td>
</tr>
<tr>
<td>NATURO</td>
<td>89% 11% 0% 0%</td>
<td>50% 50% 0% 0%</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>89% 11% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>64% 36% 0% 0%</td>
<td>33% 67% 0% 0%</td>
</tr>
<tr>
<td>NURSES</td>
<td>55% 36% 0% 9%</td>
<td>50% 50% 0% 0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>56% 33% 0% 11%</td>
<td>50% 50% 0% 0%</td>
</tr>
</tbody>
</table>
Other provider involvement at MT institutions

- Some AOM involvement in single discipline institutions; variable involvement in multi’s
- Some DC and ND interaction in the single discipline institutions; and more interaction in the multi’s
- No interaction with DEMs
- Some interaction with other CAM, MD/DO, Nurse and Allied providers in most settings (in all single discipline settings, but not all multi’s)
**Frequency of involvement of other disciplines: DEM**

<table>
<thead>
<tr>
<th>MIDWIFE</th>
<th>Single Discipline, Most Common Setting</th>
<th>Multi-Discipline, Most Common Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 4</td>
<td>N= 1</td>
</tr>
<tr>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>CHIRO</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>NATURO</td>
<td>17% 33% 17% 33%</td>
<td>0% 0% 0% 100%</td>
</tr>
<tr>
<td>MT</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
<tr>
<td>MD/DO</td>
<td>100% 0% 0% 0%</td>
<td>0% 100% 0% 0%</td>
</tr>
<tr>
<td>NURSES</td>
<td>0% 50% 0% 50%</td>
<td>0% 100% 0% 0%</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>100% 0% 0% 0%</td>
<td>100% 0% 0% 0%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MIDWIFE</th>
<th>Single Discipline, 2nd most common setting</th>
<th>Multi-Discipline, 2nd most common setting</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N= 4</td>
<td>N= 0</td>
</tr>
<tr>
<td>Not involved</td>
<td>Communication, student observation, and other</td>
<td>Directly oversee students in delivering care</td>
</tr>
<tr>
<td>ACUPUNC</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>CHIRO</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>NATURO</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>MT</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>MD/DO</td>
<td>67% 33% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>NURSES</td>
<td>67% 33% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
<tr>
<td>ALLIED HEALTH</td>
<td>100% 0% 0% 0%</td>
<td>NA NA NA NA</td>
</tr>
</tbody>
</table>

**Notes:**
- DEM: Doula Education Model
- Single Discipline: Most common setting for involvement
- Multi-Discipline: 2nd most common setting for involvement
Other provider involvement at DEM institutions

- Substantial interaction with NDs in the most common clinical training setting
- No exposure to AOM, DC, MT, other CAM or Allied providers
- No MD/DO exposure in the single discipline institution most common setting; but some interaction in the single discipline 2nd most common setting
- Substantial MD/DO interaction the most common clinical training setting for multi’s only
- A great deal of interaction with Nurses
Frequency of involvement of other disciplines: Legend Key

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>little or no interaction (0-24% involvement)</td>
</tr>
<tr>
<td>M</td>
<td>moderate interaction (25-74% involvement)</td>
</tr>
<tr>
<td>S</td>
<td>substantial interaction (75-100% involvement)</td>
</tr>
<tr>
<td>1/2</td>
<td>Most Common Setting Level / 2nd Most Common Level of involvement</td>
</tr>
<tr>
<td></td>
<td>AOM</td>
</tr>
<tr>
<td>----------------</td>
<td>-----</td>
</tr>
<tr>
<td></td>
<td>S</td>
</tr>
<tr>
<td>AOM</td>
<td></td>
</tr>
<tr>
<td>CHIRO</td>
<td>L</td>
</tr>
<tr>
<td>NATURO</td>
<td>M/L</td>
</tr>
<tr>
<td>MT</td>
<td>M/L</td>
</tr>
<tr>
<td>MIDWIFE</td>
<td></td>
</tr>
<tr>
<td>OTHER CAM</td>
<td>M/L</td>
</tr>
<tr>
<td>MD/DO</td>
<td>M/S</td>
</tr>
<tr>
<td>NURSES</td>
<td>M/S</td>
</tr>
<tr>
<td>ALLIED</td>
<td>L/M</td>
</tr>
</tbody>
</table>

**Overview**

- **L** - little or no interaction
- **M** - moderate interaction
- **S** - substantial interaction

**Frequency of involvement of other disciplines**

1/2 Variable levels of interaction
Discussion

- Interprofessional education
  - Underpinning for interprofessional collaboration
  - May lead to improved clinical outcomes
  - May influence CAM providers’ roles in healthcare systems

- Clinical training
  - Formative time for future clinical practice
  - Provides opportunities for mentorship and other one-on-one involvement between trainees and clinicians

- Assessing interprofessional education during clinical training
  - Provides insight into the current status at CAM institutions
Discussion

• We found wide variation in the roles of other disciplines among responding institutions
  – With respect to conventional medical providers (MD/DO, Nurses, Allied)
    • DC, ND and DEM generally reported the most exposure
    • AOM less so, and MT the least
  – With respect to other CAM providers
    • AOM and DC reported the most exposure, with MT and ND close behind
    • DEM reported the least exposure

• We also found variation between single and multi discipline institutions
  – Across all disciplines, multi schools generally reported more involvement of other providers than single schools
Limitations

• Results are subject to respondent recall and reporting error

• Characterization of most common and second most common clinical training sites does not capture the number of students trained at any site

• We did not attempt measure the duration or quality of any reported interprofessional interactions, nor of the effect of these interactions on future practice patterns
Conclusion

• This work describes variation in the reported extent of interprofessional education occurring in the clinical training of the 5 ACCAHHC member disciplines.

• Further work assessing the quality of such training, and its effect on subsequent practice, may help inform future educational strategies for the CAM disciplines.