The State of the State’s Nursing Education Programs 2009

Prepared by Susan B. Sepples PhD
Associate Professor of Nursing
College of Nursing and Health Professions
University of Southern Maine
Nursing Programs in Maine

- Central Maine Community College (CMCC)
- Central Maine Medical Center (CMMC)
- Eastern Maine Community College (EMCC)
- Husson College (HC)
- Kennebec Valley Community College (KVCC)
- Northern Maine Community College (NMCC)
- Saint Joseph’s College of Maine (SJC)
- Southern Maine Community College (SMCC)
- University of Maine (UM)
- University of Maine at Augusta (UMA)
- University of Maine at Fort Kent (UMFK)
- University of New England (UNE)
- University of Southern Maine (USM)

9 Public:
- 3 Baccalaureate
- 5 Associate
- 1 BOTH

5 Private
- 2 Baccalaureate
- 1 Associate
- 1 Both
- 1 LPN (not listed)
• Programs:
  – CMMC implemented its “RN in the Evening” program this January
  – EMCC phased out its LPN exit program, new emphasis on geriatric nursing
  – Husson College added the MSN in Nursing Education in 2009/2010
  – SJCM initiated a MSN/FNP and Post Masters (FNP) Certificate in March 2010
  – UMA is initiating its RN-BS program this year
  – UNE is phasing out its ADN and will admit a cohort of 75 students to a new BSN program in Fall 2010 (RN to BSN remains)
  – USM will implement a Generalist Masters in spring 2011 and the DNP is in final approval and will admit a first cohort in Fall 2011
Expected Faculty Needs 2010/2011

- CMCC, HC, KVCC expect no vacant positions for fall 2010
- CMMC anticipates hiring one (1) master’s prepared faculty member
- EMCC anticipates one (1) additional FT faculty member and is currently seeking one (1) FT faculty member
- NMCC expects to be hiring (1-2) FT faculty members, one to replace current chair
- SMCC is currently searching for (1) FT faculty member
- Both UM and SJCM will be hiring two FTE (4) for next fall
- UMA is searching for a doctorally prepared faculty and will be hiring one additional master’s prepared educator (2)
- UNE is searching for a master’s prepared educator with lab skills (1)
- UMFK will be seeking (1) FT faculty member
- USM has one current FT faculty opening and will have an additional four positions opening this summer (5)
- Maine nursing programs will be minimally seeking 19 new faculty before the fall 2010 school year.
In 2007 there were 164 full-time faculty
In 2008 there were 162 full-time faculty
Faculty Teaching in Maine’s Nursing Programs

- 2007: 164
- 2008: 162
- 2009: 162

White

NA/B/H/A
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Masters prepared</td>
<td>42-59.5K</td>
<td>36-55K</td>
<td>Average of 47.1</td>
</tr>
<tr>
<td>Doctorally prepared</td>
<td>47-62.5K</td>
<td>52-85K</td>
<td>Average of 58.2</td>
</tr>
</tbody>
</table>
Nursing Faculty--Highest Degree: BS Programs

![Bar chart showing the distribution of highest degrees among nursing faculty in BS programs from 2003 to 2009. The chart includes data for Doctorate (N), Doctorate (O), MS(N), MS (O), and BS (N).]
The Faculty Cliff: Age of Nursing Faculty 2007-2009
Age of Faculty in BS and MS Programs
Ratio of PT/FT faculty

<table>
<thead>
<tr>
<th></th>
<th>PT faculty</th>
<th>FT faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>BS &amp; MS</td>
<td>120</td>
<td>40</td>
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</tbody>
</table>
Students
Total Maine Nursing Faculty/Student

- The 2007 Faculty: Student ratio was 16:1
- In 2008 it was 19.5:1
- 2009 it was 21:1
Applications to AD programs

- 2008: all: 2300, unqualified: 1200
- 2009: all: 2800, unqualified: 1500
Maine's Graduate Programs

- **Apps:**
  - 2007: [Value]
  - 2008: [Value]
  - 2009: [Value]

- **Adm:**
  - 2007: [Value]
  - 2008: [Value]
  - 2009: [Value]

- **Q. denied:**
  - 2007: [Value]
  - 2008: [Value]
  - 2009: [Value]

- **graduates:**
  - 2007: [Value]
  - 2008: [Value]
  - 2009: [Value]
Maine’s Masters Graduates

### Full Program costs AD 2008/2009

<table>
<thead>
<tr>
<th>Program</th>
<th>$/credit Instate</th>
<th>$/credit OoState</th>
<th>Nursing fees</th>
<th>Program fees</th>
<th>Total cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMCC</td>
<td>$84(68) = $5712</td>
<td>$168 = $11,424</td>
<td>$135/year + 16.80/credit = $270 + $1142 = $1412</td>
<td>$25/credit $1700</td>
<td>$8824 ME $14,536 NME</td>
</tr>
<tr>
<td>CMMC</td>
<td>$182(69) = $12,558</td>
<td>same</td>
<td>$1165</td>
<td>$425</td>
<td>$14,148</td>
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<tr>
<td>EMCC</td>
<td>$84 (67) = $5628</td>
<td>$168 X 67 = $11,256</td>
<td>16.80/credit = $1142</td>
<td>$141</td>
<td>$6911 ME $12,539 NME</td>
</tr>
<tr>
<td>KVCC</td>
<td>$78(69) = $5372</td>
<td>$159 (69) = $10,971</td>
<td>$1770</td>
<td>$700</td>
<td>$7772 ME $13,371 NME</td>
</tr>
<tr>
<td>NMCC</td>
<td>$84 (67) = $5628</td>
<td>$126 (67) = $8442</td>
<td>$155</td>
<td>$4086 includes tuition</td>
<td>$8172 $10,986</td>
</tr>
<tr>
<td>SMCC</td>
<td>$84(68) = $5712</td>
<td>$11,424</td>
<td>$225/year = $450</td>
<td>28.20/credit = $705</td>
<td>$6867 $12,579</td>
</tr>
<tr>
<td>UMA</td>
<td></td>
<td></td>
<td></td>
<td>$1350</td>
<td>$67,310</td>
</tr>
<tr>
<td>UNE</td>
<td>$970 (68) $65,960</td>
<td>Same</td>
<td>$1350</td>
<td></td>
<td>$67,310</td>
</tr>
<tr>
<td>Program</td>
<td>$/credit Instate</td>
<td>$/credit OOutstate</td>
<td>Nursing fees</td>
<td>Program fees</td>
<td>Total cost</td>
</tr>
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<td>------------</td>
</tr>
<tr>
<td>HC BS</td>
<td>$423 (127) $53,721</td>
<td>$50 (127) $6350</td>
<td>$450</td>
<td></td>
<td>54,806</td>
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<tr>
<td>HC MS</td>
<td>$440 (40) $17,600</td>
<td>$50 (40) 2,000</td>
<td>$450</td>
<td></td>
<td>20,050</td>
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<tr>
<td>SJC BS</td>
<td>$325 (128) $41,600</td>
<td>$990</td>
<td>$310</td>
<td></td>
<td>42,900</td>
</tr>
<tr>
<td>SJC MS</td>
<td>$400 (42) $16,800</td>
<td>0</td>
<td>0</td>
<td></td>
<td>16,800</td>
</tr>
<tr>
<td>UM BS</td>
<td>$253 (123) 31.1K</td>
<td>$728 (123) 89.5K</td>
<td>$25/lab $200</td>
<td></td>
<td>$31-$90K</td>
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<tr>
<td>UM MS</td>
<td>$379 (36-45) 13.6-17K</td>
<td>$1090 (36-45) 39.3-49K</td>
<td>$25/lab $200</td>
<td></td>
<td>$17-50K</td>
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<tr>
<td>UMFK BS</td>
<td>$201 (129) $25,929</td>
<td>$506 (129) $65,274</td>
<td>$250</td>
<td>$185</td>
<td>$26.4-65.7K</td>
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<tr>
<td>USM BS ACCEL</td>
<td>$231 (126) 29K</td>
<td>$638 (126) 80.4K</td>
<td>$1345</td>
<td>$4238</td>
<td>$34.5-$86K</td>
</tr>
<tr>
<td>USM MS DEMS</td>
<td>$347 (54) 18.7K</td>
<td>$985 (54) 53K</td>
<td>$1675</td>
<td>$1185</td>
<td>$21.6-113K</td>
</tr>
</tbody>
</table>
Class/Clinical/Lab Hours in AD Programs 09
Average Class/Clinical/Lab/Simulation Hours in AD Programs by year

![Bar chart showing average class, clinical, lab, and simulation hours by year from 2008/2009 to 2010/2011. The chart compares hours spent in each category across different years.]
Class/Clinical/Lab Hours in BS

2008 Data

2009 Data

Graphs showing class, clinical, lab, and simulation hours for various institutions in 2008 and 2009.
Questions

• Questions the data doesn’t answer
  – About our faculty
  – About our students

• Programs not accounted for in the data

• Changing methods for data collection

• Revising the survey
Partnership in Education and Practice

• Vision: “To assure a competent nursing workforce for the future that is congruent with the evolving Health care needs of Maine”

• PEP Steering Committee tasked with:
  – Serving as a clearinghouse for data
  – Identifying and seeking funding sources to meet state agenda
  – Problem identification (not necessarily solving)
  – Responding to the charge of the PEP to begin strategic action on large group defined goals
Maine’s Minimum Data Set

• Developed in 2002 as a collaborative effort of OMNE, MSBON, MSNA, MHA
• 2005 online version adopted—10% still choose P&P
• Survey administered through the BON however in September 2006 Office of Data Research and Vital Statistics (ODRVS) took charge of prep/analysis
• Response rates
  – 2006-2008 57%
  – 2004-2006 69%
  – 2002-2004 74%
Highlights

– 20,899 Nurses in Maine; 10,209 completed the on-line survey and 1625 completed the P&P (not yet tallied)

– We are:
  
  • 97.6% White; 93.1% female
  • Average age of LPNs is 54.1 (range of 25-78)
  • Average age of RNS is 49.1 (range of 19-88)
  • RNs working in nursing are of average age of 45.4 and those not in practice are, on average, 56.5
  • The data was messy on initial degree in nursing; 18.6 listed the BS as their initial degree in nursing
  • On highest degree attained we are above the national average for MS 10.4% (NA is 9.2)
  • 8.3% are APRNS
  • 88.6% are employed in nursing; 81% plan to be working in 5 years

• [http://usm.maine.edu/conhp/visitors/nursingworkforce.html](http://usm.maine.edu/conhp/visitors/nursingworkforce.html)
• sepples@usm.maine.edu
Maine’s Minimum Data Set

We need You!