

At A Glance

*27% (364/1364) overall survey response rate

Race/Ethnicity

*0.6% (2/342) American Indian or Alaskan Native

*11% (36/342) Asian

*2% (6/342) Black or African American

*1% (5/342) Other

*86% (293/342) White

Degree, License, & Specialty

*48% (86/178) overall obtained **initial** license in Massachusetts

~SOM: 50% (52/104) obtained initial license in Massachusetts

~GME: 54% (54/100) obtained initial license in Massachusetts

*36% (82/225) overall have 1 **current** license in Massachusetts

~GSN: 33% (2/6) have 1 current MA license

~SOM: 43% (55/127) have 1 current MA license

~GME: 32% (38/119) have 1 current MA license

*54% (110/205) overall with **at least** one Massachusetts license

~GSN: 44% (4/9) with at least one MA license

~SOM: 60% (67/112) with at least one MA license

~GME: 55% (61/111) with at least one MA license

*Primary Care specialties:

	GSN	SOM	GME
At least one of Fam Med, Int Med, Int Med/Peds, Peds without subspecialty	14% (1/7)	37% (62/168)	22% (34/156)
At least one of Fam Med, Int Med, Int Med/Peds, Peds with subspecialty	14% (1/7)	15% (26/168)	24% (38/156)
Subtotal-At least one of Fam Med, Int Med, Int Med/Peds, Peds	29% (2/7)	52% (88/168)	46% (72/156)
OB/GYN or EM	--	16% (27/168)	12% (19/156)
Primary Care (as outlined above) and OB/GYN or EM	--	3% (5/168)	--
Total Primary Care (at least one: Fam Med, Int Med, Int Med/Peds, Peds, OB/GYN, EM)	29% (2/7)	71% (120/168)	58% (91/156)
Alumni not practicing in Primary Care	71% (5/7)	29% (48/168)	42% (65/156)

*95% (232/243) overall are board certified in their primary specialty

Practice Type & Location

*Type of practice/position - largest percent by school:

~GSN: 18% (9/50) academic health center

~SOM: 22% (36/162) hospital-based specialty care (e.g., pathology, ER)

~GME: 23% (35/151) office-based specialty care (including hospital care)

Practice Type & Location (cont.)

*Practice/serve in federally assisted underserved location by school:

*Of those responding 'yes' or 'not sure':

~GSBS: 14% (3/22)

~GSN: 20% (10/51)

~SOM: 29% (48/168)

~GME: 21% (32/156)

*Of those responding by practice type:

~48-100% urban communities

(GSN: 1 person = 100%)

~15-44% rural communities

*Of those responding by practice location:

~30-100% Massachusetts

(GSN: 5 people = 100%)

~57-100% New England

(GSN: 5 people = 100%)

Academic Appointments and Percent Time on Activity

*42% (133/317) of respondents have an academic appointment.

*Of those with an academic appointment, percent who spend a majority of their time (71-100%) on activities:

Activity with largest percent by school:

~GSBS: 67% (4/6) research

~GSN: 25% (1/4) Administration

~SOM: 64% (41/64) patient care

~GME: 59% (35/59) patient care

Current Research

*26% (90/350) overall are **currently** involved in research

~59% (13/22) from GSBS are currently involved in research

~19-24% from GSN, SOM, & GME are currently involved in research

Employment Status

*79% (279/352) are full-time employees

Summary

The University of Massachusetts Medical School (UMMS) in Worcester, Massachusetts developed and disseminated its first institution-wide alumni survey in October 2010. Given the success of the initial alumni survey project, UMMS now surveys alumni on every 5th year anniversary. For 2013's alumni survey, the overall response rate was 27% (364/1364). School-specific response rates are 15% (23/151) and 76% (52/68) for Graduate School of Biomedical Science (GSBS) and Graduate School of Nursing (GSN), respectively, with a combined response rate of 25% (289/1145) for School of Medicine (SOM) and Graduate Medical Education (GME) (see Table 1). SOM and GME response rates were combined because alumni who graduated from SOM and GME were listed once in master dataset.

Race/Ethnicity

When respondents were asked to "select all that apply", overall, 0.6% (2/342) indicated they were American Indian or Alaskan Native, 11% (36/342) Asian, 2% (6/342) Black or African American, 1% (5/342) Other, and 86% (293/342) White (see Figure 1).

Degree, License, & Specialty

Overall, 48% (86/178) and 57% (102/178) of the respondents obtained their initial license from the Commonwealth of Massachusetts or one of the New England states, respectively. This information was not requested from GSBS respondents. Fifty percent (52/104) of SOM and 54% (54/100) of GME alumni obtained their *initial* license from the Commonwealth of Massachusetts (see Table 2).

In addition, 36% (82/225) overall have a current license in the Commonwealth of Massachusetts. When stratified by schools, 33% (2/6) of GSN, 43% (55/127) of SOM, and 32% (38/119) of GME have obtained at least one current license from the Commonwealth of Massachusetts (see Table 3). When current and initial licenses are combined, 44% (4/9), 60% (67/112), and 55% (61/111) of GSN, SOM, and GME alumni, respectively, have obtained at least one license from the Commonwealth of Massachusetts (see Table 4).

Table 5 highlights GSN, SOM, and GME primary specialty results stratified by primary care. Seventy-one percent (120/168) and 58% (91/156) of SOM and GME respondents, respectively, are licensed in at least one primary care specialty, which includes emergency medicine, family medicine, internal medicine, internal medicine/pediatrics, OB/GYN, and pediatrics (see Table 6). Overall, 95% (232/243) of the respondents are board certified in their primary specialty.

Practice Type & Location

When asked about their type of practice/position, the largest category by school was GSN with 18% (9/50) working in an academic health center, SOM with 22% (36/162) in hospital-based specialty care (e.g., pathology, ER), and 23% (35/151) of GME alumni in office-based specialty care (including hospital care). This information was not requested from GSBS respondents. Regarding serving or practicing in a federally assisted underserved location stratified by school, response rates were as follows: GSBS: 14% (3/22), GSN: 20% (10/51), SOM: 29% (48/168), and GME: 21% (32/156) for respondents indicating "yes" or "not sure."

Of those working in federally assisted underserved locations and who responded to practice type, overall 48-100% (GSN: 1 person = 100%) are located in urban communities and 15-44% are located in rural communities. For practice location of those responding overall, 30-100% (GSN: 5 people = 100%) are in Massachusetts with 57-100% (GSN: 5 people = 100%) in one of the New England states.

Academic Appointment and Percent of Time on Activity

For those with an academic appointment, respondents were asked about the percent of time spent in the following activities: patient care, research, education, administration, and other. It is not surprising to find the majority of GSBS graduates spending much of their time in research, while graduates from the SOM and GME spending more than 50% of their time in patient care with GSN alumni mixed across all activities.

Current Research

Twenty-six percent (90/350) of respondents (see Figure 2) indicated they were *currently* involved in research with the majority from GSBS (59%: 13/22). Figure 3 highlights percent of alumni who are currently involved in research from all four institutions on the UMMS campus. Of those responding who indicated they were *currently* involved in research, 12% (11/90), 78% (70/90), 16% (14/90), and 9% (8/90) are involved in basic, clinical, translational, and “other” research, respectively (see Table 7). Respondents were asked to “select all that apply.” Overall, respondents indicated where their research takes place with 55% (46/84), 20% (17/84), and 11% (9/84) choosing hospital, university, and community, respectively (see Table 8). It is important to note that 46% (6/13) of GSBS alumni work in a university setting.

Employment Status

Finally, 79% (279/352) of the respondents work full-time with 96% (21/22), 80% (40/50), 75% (126/169), and 80% (125/156) from GSBS, GSN, SOM, and GME, respectively, paid on a full-time basis. Overall, 15% (52/352) of respondents are employed part-time.

Closing

The Provost and Chancellor’s Offices have specified an alumni survey will continue to be disseminated each year to those graduates celebrating their 5th, 10th, 15th, etc. reunion. The results from this annual survey will provide UMMS with up to date mailing addresses and career information of its alumni, which will allow the university to better track the individual, and collective, success of its graduates.