Changing Medical Minds

Analysis of Shifting Trends in Attitudes, Knowledge, and Beliefs in Pre-Clinical Medical Students Regarding LGBT+ People and Healthcare

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Background

The health of lesbian, gay, bisexual, transgender and other sexual and gender minorities LGBT+ competency. And while institutions are held to varying and self-identified (hereafter, LGBT+) is a topic that has been studied piecemeal and with great emphasis in standards for achieving competency on issues of diversity and inclusion, little data exists. particular areas (e.g. HIV/AIDS in men who have sex with men; breast cancer in women to generate, direct, and evaluate existing and new methods of achieving cultural who have sex with women). Little attention has been paid, until recent years, to the other competency. The best data suggests that US medical schools spend, on average, around 4 dimensions of LGBT+ health, the inequalities that lead to disparities, or the particular

In an effort to help set the agenda for the LGBT+ student organization at the University curricula in addressing LGBT+ health, and provide a jumping off point for further study of Vermont College of Medicine, and in an effort to help understand what portions of the current curricula (the Vermont Integrated Curriculum, or VIC) were effective in producing physicians capable of achieving competence in the care of LGBT+ patients, a of 2015 at the COM. While revealing, the study was used as a pilot for this work, which

at medical schools to produce physicians capable of adequately caring for LGBT+

patients. The Liaison Committee on Medical Education (LCME) and the Association of making explicit in the first week of medical school the investment of the COM in American Medical Colleges (AAMC) both have guidelines on aspects of teaching and producing LGBT+ competent physicians was not unnoticed by the study's subjects. hours in the preclinical years on LGBT+ healthcare, in an inconsistent variety of areas.

This study, then, is an effort to capture data at one institution regarding the attitudes and beliefs of current medical students, assess in a rudimentary way the efficacy of the interventions geared at producing LGBT+ competent physicians can have a significant

has been able to provide more longitudinal information, in addition to data about who

Finally, this study was an attempt to make visible the needs of LGBT+ patients to both the researchers independently and thanked them for bringing LGBT+ health and questions about health disparities to bear on the orientation week events. Because of the variable visibility of LGBT+ patients, providers, supporters, and community members,

Hypothesis

We hypothesized that exposure to the curricula at UVM, and the experience of beliefs of medical students regarding LGBT+ issues. However, because the curricula is constantly in development, and indeed most of the authors were involved in developing the curricula to effect this very change, we were optimistic that knowledge among the face of that knowledge.

Because many of the educational interventions and developments that finally came to represent the sum of the undergraduate medical LGBT+ education were not yet finalized at the study outset, identifying which of the interventions would have the greatest impact poster at the Northeast Group on Educational Affairs Conference, a division of the

Methods

prior to starting medical school (during orientation week) in August 2012. Phase II was administration of the same survey to the same population after the completion of their

both to identify previous LGBT+ health-related medical education surveys.

A four-point Likert scale was used for scaled questions (rather than a five-point scale), forcing respondents to choose whether they agreed or disagreed with the given accurate reflections of their attitudes and beliefs.

was approved by the Office of Medical Student Education for Phase I, Phase 2, and Phase 3, and was approved by the Institutional Review Board for Human Subjects Research at the University of Vermont.

Results

Phase I of the study was offered to the entire Class of 2016 (total=II4 at the time of

Phase 2 of the study was offered to the entire Class of 2016 advancing to clerkship at

Phase 3 of the study was offered to the entire Class of 2016 during their clerkship year.

In Phase 1, of 111 respondents, 22 (19.8%) believed there was no difference between sex respondents, 1 (1.5%) believed there was no difference between sex and gender, while 64

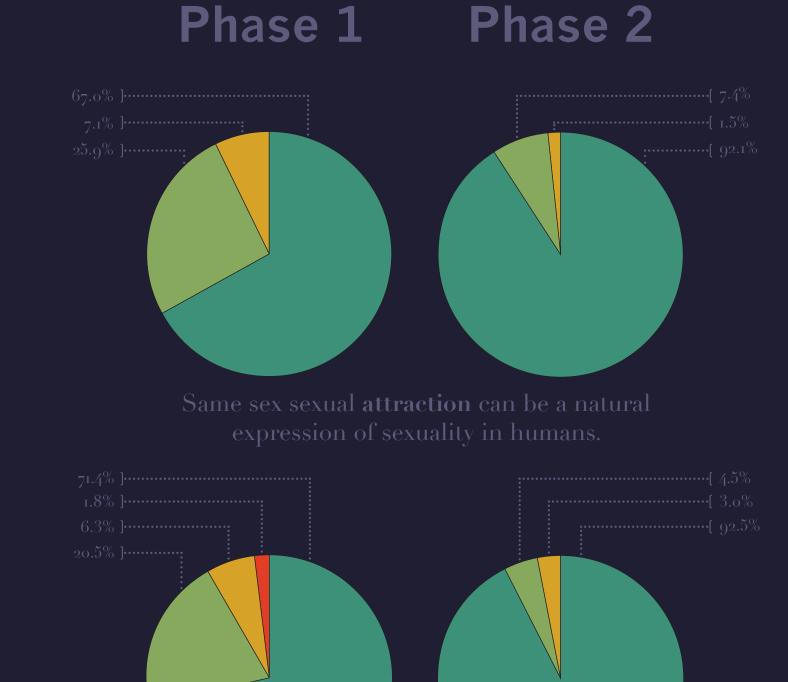






Figure 1: Subjects answered four questions about ee Somewhat Disagree

disagreed (0.0%) Comparison between the two results was significant (p<0.000).

- Results of these questions are shown in Figure 1.

Results of these questions are shown in Figure 2.



Figure 2: Subjects answered three questions about what material related to LGBT+ people,

Conclusions

Results of all three phases of the study strongly suggest that significant and meaningful changes in subjects' attitudes, knowledge, and beliefs about LGBT+ people and LGBT+

- difference between sex and gender;
- LGBT+ patient is more challenging than gathering a history from other patients;

- an increase in the percentage of subjects who believe that attitudes toward LGBT patients and healthcare, knowledge of specific needs of LGBT+ patients, and clinical skills used in the care of LGBT+ patients should be taught in medical school; and
- LGBT+ resources for their patients.

In Phase 3, subjects identified several factors within the COM curriculum they believed influenced these changes, including LGBT+ lectures, interactive group exercises (including having LGBT+ affiliated health professionals speak to small groups), public Burlington Pride), they believed were influential in bringing about these changes.

somewhat disagreed (7.2%), and I strongly disagreed (0.9%). In Phase 2, 59 respondents were actively engaged in issues of LGBT+ social justice, health, and policy helped

those that are appropriate for the care of all patients, including LGBT+ folk. Further, O: Attitudes toward LGBT+ patients and LGBT+ healthcare should be covered in medical school. faculty, staff, residents—with expertise, knowledge, and experience in areas of LGBT+ and shape our collective beliefs about LGBT+ issues in healthcare, and in the community