

these concerns have mostly gone unchallenged; my article considered which conclusions can—and cannot—be drawn from such arguments. It is crucial to these debates that we take into account not only that smokers have become heavily stigmatized,¹ but also how closely smoking has come to be associated with several forms of disadvantage, including class and poverty,² racial and ethnic minority status,³ and poor mental health⁴ (a recent article in *AJPH* also emphasizes the high smoking rates among sexual and gender minorities⁵).

As Dawson and Maziak emphasize, the denormalization of smoking has of course been driven by a range of factors beyond public health policy and regulation, including a better understanding of its risks and harms. However, denormalization is also an explicit goal in many tobacco control strategies and has been endorsed by bodies such as the World Health Organization.⁶ That many factors outside of public health policy have contributed to negative perceptions of smokers does not relieve policymakers and public health experts of the responsibility to anticipate possible stigmatizing effects of the strategies they advocate and to make a reasoned judgement about whether any such effects are acceptable. **AJPH**

Kristin Voigt, DPhil

ABOUT THE AUTHOR

Kristin Voigt is with *The Ethox Centre, Nuffield Department of Population Health, University of Oxford, Oxford, UK, and the Institute for Health and Social Policy and the Department of Philosophy, McGill University, Montreal, Quebec, Canada.*

Correspondence should be sent to Kristin Voigt, Ethox Centre, Nuffield Department of Population Health, University of Oxford, Old Road Campus, Oxford OX3 7LF, UK (e-mail: kristin.voigt@ethox.ox.ac.uk). Reprints can be ordered at <http://www.ajph.org> by clicking the "Reprints" link.

This article was accepted November 27, 2015.

doi: 10.2105/AJPH.2015.303029

REFERENCES

1. Stuber J, Galea S, Link B. Smoking and the emergence of a stigmatized social status. *Soc Sci Med*. 2008;67(3):420–430.
2. Graham H. Smoking, stigma and social class. *J Soc Policy*. 2012;41(1):83–99.
3. Barbeau EM, Krieger N, Soobader M-J. Working class matters: socioeconomic disadvantage, race/ethnicity, gender, and smoking in NHIS 2000. *Am J Public Health*. 2004;94(2):269–278.
4. Schroeder SA, Morris CD. Confronting a neglected epidemic: tobacco cessation for persons with mental illnesses and substance abuse problems. *Annu Rev Public Health*. 2010;31(1):297–314.

5. Antin TMJ, Antin T, Lipperman-Kreda S, Hunt G. Tobacco denormalization as a public health strategy: implications for sexual and gender minorities. *Am J Public Health*. 2015;105(12):2426–2429.

6. Voigt K. "If you smoke, you stink." Denormalisation strategies for the improvement of health-related behaviours: the case of tobacco. In: Strech D, Hirschberg I, Marckmann G, eds. *Ethics in Public Health and Health Policy*. Amsterdam, The Netherlands: Springer Netherlands; 2013:47–61.

ATTITUDES OF HEALTH CARE PROVIDERS TOWARD LGBT PATIENTS: THE NEED FOR CULTURAL SENSITIVITY TRAINING

This letter is in response to the article written by Sabin et al. concerning the implicit and explicit attitudes of healthcare providers toward lesbian and gay patients in the September 2015 issue.¹ The minimal education that health care providers receive in cultural sensitivity in treating sexual minorities is pertinent because it may be a contributing factor to health disparities within the lesbian, gay, bisexual, and transgender (LGBT) community.^{1,2} Research conducted between 2009 and 2010 on 150 medical schools within the United States and Canada reported that only five hours of total medical program hours were dedicated toward LGBT content.² According to Johnson and Nemeth, after experiencing providers' discriminative attitudes and biases, lesbian patients sought health knowledge via the Internet instead of attaining a professional recommendation,³ which can lead to misinformation from unreliable sources. Others disguised their sexual orientation or avoided seeking further care altogether, which can delay health screenings,³ resulting in an undiagnosed or exacerbated untreated medical illness.¹ The authors' research is appreciated because results highlight the need for change in public health policy that would require clinical training in cultural competency for health care providers in all disciplines when treating sexual minorities^{1,3}; thus, obliging the Hippocratic Oath to treat all patients with respect⁴ and dignity. **AJPH**

Nyia O. Garrison, BS
Gladys E. Ibañez, PhD

ABOUT THE AUTHORS

Nyia O. Garrison is an MPH candidate and Gladys E. Ibañez is with the Department of Epidemiology, Robert Stempel College of Public Health and Social Work, Florida International University, Miami.

Correspondence should be sent to Nyia O. Garrison, 1829 N.W. 55th Terrace, Miami, FL 33142-3043 (e-mail: ngan004@fiu.edu). Reprints can be ordered at <http://www.ajph.org> by clicking the "Reprints" link.

This letter was accepted November 20, 2015.

doi: 10.2105/AJPH.2015.303010

CONTRIBUTORS

N. O. Garrison contributed to the authorship of this letter, literature review, and approval of the final letter. G.E. Ibañez contributed to the editing and the revision of this letter.

REFERENCES

1. Sabin JA, Riskind RG, Nosek BA. Health care providers' implicit and explicit attitudes toward lesbian women and gay men. *Am J Public Health*. 2015;105(9):1831–1841.
2. Burke SE, Dovidio JF, Przedworski, et al. Do contact and empathy mitigate bias against gay and lesbian people among heterosexual first-year medical students? A report from the medical student CHANGE study. *Acad Med*. 2015;90(5):645–651.
3. Johnson MJ, Nemeth LS. Addressing health disparities of lesbian and bisexual women: a grounded theory study. *Womens Health Issues*. 2014;24(6):635–640.
4. Chapman EN, Kaat A, Carnes M. Physicians and implicit bias: how doctors may unwittingly perpetuate health care disparities. *J Gen Intern Med*. 2013;28(11):1504–1510.

SABIN AND RISKIND RESPOND

Garrison and Ibañez emphasize an important point made in our article; that health care providers receive minimal education in cultural sensitivity toward treating the lesbian, gay, bisexual, transgender, and questioning communities. Generally, across disciplines, there is a lack of attention to developing core competencies in knowledge and clinical skills for treating this health disparity population.

Research shows that there is a need to teach health care providers who are in training about competent care of sexual minority populations but that many educators themselves do not have the knowledge and skills to teach this information.^{1–3} With curriculum revision under way in many fields, it is time to develop core competencies in knowledge about the health of the lesbian, gay, bisexual, transgender, and questioning populations and core clinical competencies in care of the lesbian, gay, bisexual, transgender, and questioning communities.

This content should be integrated throughout educational programs in all clinical and nonclinical health sciences disciplines. Integrating this content in nonclinical health sciences training will provide a foundation that is likely to assure inclusion of

lesbian, gay, bisexual, transgender, and questioning populations in future health and health care disparities research. There is a need to develop and evaluate impact of educational models that effectively integrate knowledge and skills related to health care of sexual minority populations longitudinally across curricula in all health sciences disciplines. **AJPH**

Janice A. Sabin, PhD, MSW
Rachel Riskind, PhD

ABOUT THE AUTHORS

Janice A. Sabin is with the Department of Biomedical Informatics and Medical Education, School of Medicine, and an adjunct with the School of Social Work, University of Washington, Seattle. Rachel Riskind is with the Department of Psychology, Guilford College, Greensboro, NC.

Correspondence should be sent to Janice A. Sabin, Research Associate Professor, University of Washington, Box 357240, Seattle, WA 98195-7240 (e-mail: sabinja@uw.edu). Reprints can be ordered at <http://www.ajph.org> by clicking the "Reprints" link.

This letter was accepted December 10, 2015.
doi: 10.2105/AJPH.2015.303042

CONTRIBUTORS

Both authors contributed equally to this letter.

REFERENCES

1. Brennan AM, Barnsteiner J, Siantz ML, Cotter VT, Everett J. Lesbian, gay, bisexual, transgendered, or intersexed content for nursing curricula. *J Prof Nurs.* 2012; 28(2):96–104.
2. Brondani MA, Paterson R. Teaching lesbian, gay, bisexual, and transgender issues in dental education: a multipurpose method. *J Dent Educ.* 2011;75(10): 1354–1361.
3. Obedin-Maliver J, Goldsmith ES, Stewart L, et al. Lesbian, gay, bisexual, and transgender-related content in undergraduate medical education. *JAMA.* 2011;306(9): 971–977.

CATEGORIZATION OF FREQUENT EMERGENCY DEPARTMENT USE IN AN INSURED HOMELESS POPULATION

The recent article by Lin et al. provides an important analysis of frequent emergency department (ED) visits and hospitalizations among individuals who are homeless and have Medicaid.¹ They presented interesting findings regarding implications for Medicaid expansion in this population, such as potential adoption of the Health Home option. However, their definitions of frequent ED visits and hospitalizations were not clear, even though these were their outcomes of interest. The authors specified that they

were going to focus on the number of events rather than classify individuals as low or high users. Later, they referred to "frequent hospitalizations or ED visits" for the regression analysis, but no clear definition was provided. What was the definition of "frequent" that the authors used in this analysis? We know from experience at the University of Florida that some people frequent the ED as often as three times per day.

Individuals who use the ED frequently have typically been classified in the literature as users with four or more ED visits in a one-year period.^{2–6} Considering this, it seems unusual that in the results, three to five ED visits were grouped together. Their categorization seems arbitrary, as no justification was provided for this grouping. Could the authors please explain what was taken into account when categorizing these variables? This is important to consider, since the current grouping may actually include both nonfrequent ED users and frequent ED users. Literature has shown that these two groups are significantly different and should be differentiated to reduce frequent ED use.^{2,4} **AJPH**

Sadaf Arefi Milani, MPH

ABOUT THE AUTHOR

Sadaf A. Milani is with the Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida, Gainesville.

Correspondence should be sent to Sadaf A. Milani, MPH, Department of Epidemiology, College of Public Health and Health Professions and College of Medicine, University of Florida, 2004 Mowry Rd, Gainesville, FL 32610 (e-mail: smilani@ufl.edu). Reprints can be ordered at <http://www.ajph.org> by clicking the "Reprints" link.

This letter was accepted November 24, 2015.
doi: 10.2105/AJPH.2015.303028

REFERENCES

1. Lin W-C, Bharel M, Zhang J, O'Connell E, Clark RE. Frequent emergency department visits and hospitalizations among homeless people with Medicaid: implications for Medicaid expansion. *Am J Public Health.* 2015;105(S5): S716–S722.
2. Vinton DT, Capp R, Rooks SP, Abbott JT, Ginde AA. Frequent users of US emergency departments: characteristics and opportunities for intervention. *Emerg Med J.* 2014;Epub ahead of print.
3. Kushel MB, Perry S, Bangsberg D, Clark R, Moss AR. Emergency department use among the homeless and marginally housed: results from a community-based study. *Am J Public Health.* 2002;92(5):778–784.
4. LaCalle E, Rabin E. Frequent users of emergency departments: the myths, the data, and the policy implications. *Ann Emerg Med.* 2010;56(1):42–48.
5. Hunt KA, Weber EJ, Showstack JA, Colby DC, Callahan ML. Characteristics of frequent users of emergency departments. *Ann Emerg Med.* 2006;48(1):1–8.

6. Grover CA, Close RJ. Frequent Users of the Emergency Department: Risky Business. *West J Emerg Med.* 2009;10(3):193–194.

LIN ET AL. RESPOND

We appreciate Milani's question regarding the definition of frequent emergency department (ED) visits in our article. According to several articles cited by Milani, along with the studies cited by these articles, thresholds range from as few as two to 12 or more visits per year. Although many studies use four or more ED visits to define frequent ED use for the general population, there is currently no commonly agreed upon definition as noted in these articles and literature. The threshold depends on the purpose of the study, the distribution of data, and the consideration of policy implications. Homeless individuals experience much higher health care utilization than the general population.^{4,5} The average number of ED visits in our study reached four visits per year and a group of individuals showed high ED use. Therefore, we classified homeless individuals into four groups (0, 1–2, 3–5, and ≥ 6 ED visits). These four groups were significantly different, which is consistent with existing literature.

Furthermore, the patterns of incremental changes in population characteristics along with increased ED use did not present an obvious single threshold to separate the study population. Instead of simply dichotomizing the study population, we modeled the number of ED visits as count data to avoid losing important information, particularly for extremely high users. Results were presented in incidence rate ratios, which represent the ratio of the count of ED visits for the variable of interest to its reference group. For example, the number of ED visits for individuals with co-occurring schizophrenia and substance use disorders was almost eight times higher than for those without behavioral health disorders. In other words, the former group experienced much more frequent ED visits than the latter group when other variables were held equal.

The high health care utilization for homeless individuals prompted us to examine the number of events rather than relying on the conventional dichotomous group approach. Along with the descriptive analysis

Copyright of American Journal of Public Health is the property of American Public Health Association and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.