tice on curriculum planning needs to be expanded, and the contribution made by community-based general practice teachers needs to be continuously enhanced and supported.

Academic departments of general practice need to redefine why they are in medical schools, and to take encouragement from the fact that their efforts are highly appreciated by the medical students, regardless of their ultimate career choice. At the same time, we need to guard against the wrong conclusions being drawn from research such as that carried out by Dr Morrison and Professor Murray, whose work is important. The challenge now is to describe more fully what made the general practice attachment so positive, and to use this information to change the other parts of the clerkship that are negatively rated.

J R Morrissy

Professor, Department of Family Medicine, University of Western Ontario

References

- Morrison GM, Murray TS, Career preferences of medical students: how are they influenced. Br J Gen Pract 1996; 46: 000-000.
 Fincher R-M, Lewis LA, Rogers LQ, et al. Why students choose a pri-
- Fincher R-M, Lewis LA, Rogers LQ, et al. Why students choose a primary care or a non-primary care career. Am J Med 1994: 97: 410-417.

- Kassebaum DG, Szenes PL. Specialty intentions of 1995 US medical school graduates and patterns of generalist career choice and decision making. Acad Med 1994; 70: 1152-1157.
- Jennet PA, Kishinevsky M, Bryant H, Hunter KL. Major changes in medical careers following medical school graduation: when, how often and why. Acad Med 1990; 65: 48-49.
- Davis WK, Coles C, Dauphine WD, et al. Medical career choice: current status of the research literature. Teaching and Learning in Medicine 1990: 3: 130.
- Senf JH, Campos-Outcalt D. The effect of a required third year family medicine clerkship on medical students' attitudes: value indoctrination and value clarification. Acad Med 1995; 70: 142-148.
- Bain J. Vocational training: the end of a beginning. Br J Gen Pract 1996; 46: 328-330.
- Campos-Outcalt D, Senf J, Watkins A, Bastecky S. The effects of medical school curriculum, faculty role models and biomedical research support on choice of generalist physician careers: a review and quality assessment of the literature. Acad Med 1995; 70: 611-619
- Martini CJM, Veloski JJ, Barzansky B, et al. Medical school and student characteristics that influence choosing a generalist career. JAMA 1994; 272: 661-668.

Address for correspondence.

Professor JR Morrissy, St. Joseph's Family Medical Centre, 346 Platt's Lane, London, Ontario, N6G 1J1, Canada.

Learning for a multicultural society

MEDICAL education has failed to keep pace with the needs of the multicultural population of the United Kingdom.¹ The General Medical Council has clearly endorsed the need for including multicultural health care within the objectives and values of undergraduate education.² Last year, a British Medical Association (BMA) report clarified the position at both undergraduate and postgraduate levels.³ Of the 74% of institutions that replied to their survey, only 42% addressed this issue in any way at all. The report clearly demonstrates the need for training in multicultural health and health care. In addition, it offers guidelines for the development of such programmes.

What is the rationale for education in multicultural health care? First, doctors are not adequately prepared to assess or manage patients from these diverse backgrounds. Both doctors and patients can experience difficulties when dealing with someone from a different ethnic group. 4,5,6 Cultural factors are relevant not only to patterns of disease, but also to communication. The lack of a shared culture means differences in beliefs and expectations, as well as the more obvious language issues. 5,6 Future doctors are expected 'to be more aware and respond sensitively to the culturally determined expectations of their patients'. It is important to remember that learning about the cultural dimensions of health care is not just about 'other' cultures. It is aimed at understanding the cultural constructions of disease, and of the health beliefs and health-seeking behaviours of all cultures, including the majority white culture.

Secondly, minority ethnic groups can sometimes receive poor quality health care. To achieve equity within the health service, the needs of all groups have to be addressed. This can only be achieved by rejecting 'colour-blind' approaches and considering cultural differences and needs as an essential factor. Health inequalities are related to economic and social consequences of migration, including limited access to healthcare provision. This is exacerbated by discrimination, professional practice, health workers' attitudes and expectations, and communication difficulties. 5.6

What issues need to be covered? The health needs of minority ethnic groups can be considered by exploring such factors as health beliefs and practices, expectations of the health service, communication, traditional and alternative forms of health care, family systems, diet, and patterns of illness. ^{5,6} Two levels of educational needs have been identified. First, there is the conceptual level — for example, the definition of ethnicity and culture, and the different approaches to health, illness and death in different cultural groups. Secondly, there is the practical level — for example, the patterns of disease in different cultural groups, the factors underlying these, and the presentation and appropriate management of disease. More details are given in the BMA report.³

Where do we start? Deficiencies exist at both undergraduate^{1,3} and postgraduate^{12,13} levels. The aim of any educational programme must be 'to provide students with a level of knowledge, sensitivity and awareness from which they can go on to develop and learn for themselves'.³ This learning needs to continue throughout the professional careers of all doctors and should be included within all accredited training programmes. This will help the profession to respond more effectively to the health care needs of the total population.

Probably the first priority is to include multicultural education in the undergraduate curriculum. Cultural issues have implications for all areas of medicine. Current teaching tends to be opportunistic, taking the form of stand-alone lectures, electives and clinical teaching by enthusiasts. What is needed is a strategic approach, reflecting the multicultural nature of British society throughout the curriculum. This will avoid the implication that minority ethnic groups are marginal or abnormal.

Can it be done? In other professions, such as teaching, health visiting and social work, multicultural aspects are already addressed. For example, in order to gain basic qualifications, social workers and probation officers are required to demonstrate an awareness of cultural issues relevant to their work.¹⁴

How would this work in medical practice? At undergraduate

level, some initiatives in medical schools have already been undertaken. These include a paediatric course that used case histories of patients to illustrate failed communication between doctors and Asian patients.¹⁵ Another course involved students talking to families from different ethnic groups.¹⁶ This raised the awareness of cultural factors in health, and improved communication skills. An initiative in Canada used local data from patients and doctors to identify barriers to effective health care. Simulated patients were then used to present this information to students in an integrated problem-based course.⁴ All innovations need rigorous evaluation before scarce resources are allocated to mainstream development.

What resources are available? When devising undergraduate and postgraduate courses, the experience and knowledge of doctors and students from ethnic minorities, as well as the minority ethnic communities, should be welcomed and taken into account. However, they alone should not be held responsible for the education of others. A number of organisations can offer support and materials.^{3,5,17} In addition, the increasing emphasis on community-based teaching offers practical opportunities to gain knowledge and experience of different communities and their health needs.²

The BMA report moves the debate forward. Now is the time for action.

PARAMJIT S GILL Research Tutor, Centre for Research in Primary Care, Leeds University

PHIL GREEN

Project Officer, Communication Skills, School of Medicine, Leeds University

References

- Poulton J, Rylance GW, Johnson MRD. Medical teaching of the cultural aspects of ethnic minorities: does it exist? *Medical Education* 1986; 20: 492-497.
- General Medical Council. Tomorrow's doctors: recommendations on undergraduate medical education. London: GMC, 1993.
- 3. British Medical Association. Multicultural health care: current practice and future policy in medical education. London: BMA, 1995.
- Chugh U, Dillman E, Kurtz SM, Lockyer J, Parboosingh J. Multicultural issues in medical curriculum: implications for Canadian physicians. *Medical Teacher* 1993; 15: 83-91.
- Mares P, Henley A, Baxter C. Health care in multiracial Britain. London: Health Education Council/National Extension College, 1985.
- 6. Fuller JHS, Toon PD. Medical practice in a multicultural society. Oxford: Heinemann, 1988.
- McMaster University. Educating future physicians for Ontario. [EFPO Working Paper 10.] Ethnocultural minorities in Ontario: some views on their expectations of physicians. 1992.
- Clarke M, Claydon D. Quality of obstetric care provided for Asian immigrants in Leicestershire. BMJ 1983; 286: 621-623.
- Gill PS, Johnson M. Ethnic monitoring and equity. BMJ 1995; 310: 890.
- Ahmad WIU. 'Race' and health in contemporary Britain. Buckingham: OUP, 1993.
- Ahmad W, Baker M, Kernohan E. General practitioners' perceptions of Asian and non-Asian patients. Fam Pract 1991; 8(1): 52-56.
- Standing Committee on Postgraduate Medical Education. Formal opportunities for postgraduate education. London: SCOPME, 1992.
- 13. Standing Committee on Postgraduate Medical Education. Continuing professional development for doctors and dentists: a working paper for consultation. London: SCOPME, 1992.
- CCETSW. Rule and requirements for the diploma in social work. 1995
- Poulton J, Rylance G. Cross cultural medicine: a teaching aid. *Medical Teacher* 1985; 7: 157-163.
- 16. Gill P, Adshead D. Teaching cultural aspects of health: a vital part of communication Medical Teacher 1996: 18: 61-64
- communication. Medical Teacher 1996; 18: 61-64.

 17. Smaje C. Health, 'race' and ethnicity. Making sense of the evidence. London: Kings Fund Institute, 1995.

Address for correspondence

Dr Paramjit S Gill, Department of Primary Care and Population Sciences, Archway Wing, Whittington Hospital, London N19 5NF.

Dr. Duty

Doctors, Nurses,
Practice Managers, Cooperatives, Nursing
Homes, Hospitals...

Organise complex Duty Rosters!

Rule-based program for MS Windows
Easy to use Windows program that will
save hours on organising duty rosters.
Any number of practices, nurse grades etc.
multiple duties, with any regular schedule.

From £120 (10 doctors) to £490 (unlimited) or £50 for a 4 month evaluation licence (plus VAT)







Tel 01403 730071 Fax 01403 730054

E-mail 100113.2517@compuserve.com