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ORIGINAL RESEARCH

Rural clinician opinion on being a preceptor

SJ Shannon¹, M Walker-Jeffreys², JW Newbury¹, T Cayetano², K Brown¹, J Petkov²

¹The Department of General Practice and Rural Health, Spencer Gulf Rural Health School, The University of Adelaide, Adelaide, South Australia, Australia ²Whyalla Hospital Campus, Spencer Gulf Rural Health School, Whyalla Norrie, South Australia, Australia

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Shannon SJ, Walker-Jeffreys M, Newbury JW, Cayetano T, Brown K, Petkov

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ABSTRACT

Introduction: This article reports the evaluation of the motivation and experiences of preceptors of health professional students in the Spencer Gulf Rural Health School (SGRHS) in South Australia. The aims for this evaluation were to establish: (1) What factors influenced the professional's decision to precept students? (2) Did preceptors report having adequate skills and preparation for preceptoring? (3) What were the variations in professional streams with regards to the factors and skills of the staff involved? (4) What were preceptors' overall perceptions of their role? Heeding the opinions of preceptors involved in such initiatives is an important part of ensuring the sustainability of the rural workforce initiatives such as SGRHS.

Methods: A preceptor questionnaire was developed from the literature in 2002 and pilot tested twice. At the end of 2004, all 255 preceptors who had been involved with SGRHS placement programs were sent a paper questionnaire. 145 valid responses were received (58%). The data were analysed using SPSS, Excel and Xpro.

Results: Respondent preceptors were drawn from medicine (n = 70), nursing (37), allied health (24), and other (14) backgrounds and had generally preceptored previously (133). Respondents had preceptored a total of 1007 students from medicine, nursing, allied health and other fields of study. Respondents had worked for either a very long time (>15 years) or a short time (< 5 years) in rural areas. Respondents reported the factors which influenced their decision to precept were (in order): (1) I value my contribution to the growth in student's knowledge and skills; (2) Teaching allows me to promote rural health as a career option; (3) I enjoy the teaching/preceptor role; (4) Being a preceptor enhances my desire to keep up with recent health developments/literature; (5) I increase my time reviewing the basics of my clinical knowledge. There was significant interdisciplinary difference with nurses valuing their professional contribution more highly than doctors or allied health professionals. Preceptors' reports of their rural placement experiences reveal high agreement (99%) with the statement about the purposefulness of rural placements for providing



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students with the opportunity to see careers in rural practice in action, and most (93%) believed that they had adequate skills to precept and (91%) that the placement was an overall positive experience for the practice. Open-ended answers were coded and analysed to further understand these findings. Medical preceptors delighted in sharing youthful students' enthusiasm for learning while nurses most enjoyed encouraging students' understanding of rural health care. The principal preceptor problems related to time and associated issues, while doctors more than nurses and allied health professionals reported these issues.

Conclusions and recommendations: The SGRHS findings are consistent with world preceptor literature. To ensure sustainability of preceptors a number of areas need to be improved – notably recognition of loss of productivity; improvements to communication between sending institution and placement site; maintaining a multi-disciplinary approach to selecting preceptors based on the different 'world view' of the respondents; and, last, persisting with rural placements in acknowledgement that preceptors themselves agree that short observational placements allow students to see rural careers in action, which is the fundamental goal for rural placements.

Key words: allied health, education, health care reform, medical, nursing, rural clinical school, South Australia, students, undergraduate, university department of rural health.

Introduction and literature review

The Spencer Gulf Rural Health School (SGRHS) combines one of the nine Australian Federal Government funded Rural Clinical Schools (RCS) established in 2001¹ and one of the eleven University Departments of Rural Health (UDRH). Situated in multiple learning centres in north-west South Australia, the SGRHS provides clinical teaching and administrative support for short and long placements for medical, nursing, pharmacy, allied health and other students participating in health related courses. Placements range in length from one-week introductory Rural Week programs for all medical² and some health sciences students, to one-year placements for medical students in their clinical years. Placements range in scope from observational or 'shadowing' through to senior students being integrated into the health-care setting as valuable team members.

As medical, nursing and health education is embracing the ambulatory setting and moving students to rural health placements, it becomes important to analyse the capacity of the preceptors involved in such initiatives²⁻⁴. The concept of 'preceptoring' first began to be used in the literature of health science education in the 1960s^{5,6}. Sachdeva argues that the educational value of using preceptors is firmly

grounded in the principles of adult education⁷. The terms 'clinical supervisor' and 'preceptor' have been used loosely in the literature with some confusion. The literature from medical, nursing and allied health fields is in general agreement about the role of the preceptor⁷⁻¹⁰ and suggest that it includes supervising, teaching, role modelling, assessing and evaluating ^{3-7,9,11-16}. Specifically, this article relies on the recent literature review article by Mills et al. and the succinct definitions they found ¹⁶. Preceptors focus on skill acquisition, socialisation and assessment for short-term student placements. Clinical supervisors focus on clinical practice for practicing professionals through reflection and provision of professional guidance over a longer period of time. The term 'preceptor' is used throughout this paper.

A number of studies have documented the benefits and disadvantages of preceptoring^{3,5,6,11,17-19}. One of the major benefits of teaching a student can come from the increased enjoyment of practice and enhancing existing knowledge through activities that further professional growth such as increased reading of literature¹⁹. There is also patient benefit⁶. Some of the negatives have included increased costs of practicing and decreased productivity¹¹.

There have been fewer studies, however, that have looked specifically at rural health practitioners as preceptors ^{19,20}.



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There are a number of skills that have been associated with preceptoring^{4,7,12,13}. One study documented seven main categories of effective teaching behaviours or skills for rural family medicine preceptors⁴. A very recently published literature review reports that time management is the biggest issue for rural general practitioners²⁰. Little evidence exists as to the opinions or influential factors with regards to nursing and allied health staff members preceptoring medical students. Broad exposure of students to a multidisciplinary health-care team through preceptoring may underline the importance of multidisciplinary health care which would become integral to them if they become rural medical practitioners.

Preceptor view

Currently there is a paucity of research in Australia^{20,21} and internationally²²⁻²⁴ regarding the evaluation of experiences of the rural/remote preceptor. What literature exists is predominantly focused on the nursing profession^{21,22,25-27}, is discipline specific²⁸, centres on the views of students' experience²⁹ and is metropolitan based^{17,29,30}.

The available literature identified both positive and negative aspects of the experience of preceptoring. Common themes centre on the challenges of time management such as decreased productivity, while personal professional growth, including the updating of the preceptors' clinical knowledge, was identified as a positive 17,23,26. Dilbert and Goldenberg summarise their view: 'positive aspects of the preceptor role to be associated with personal and professional growth and job enrichment', and highlight the 'negative aspects relate more to a lack of administrative support, workload adjustment and financial recompense for the additional responsibilities.' 29 p.1145.

While preceptoring of students within rural South Australia has occurred for years, no evaluation data on preceptors experiences/perceptions have been consistently gathered. By understanding the incentives and barriers to being a preceptor it is hoped to improve the sustainability of

preceptors and ensure their ability to educate the next generation of rural health professionals.

Methods

The SGRHS commenced a program to evaluate preceptors in 2002 with a questionnaire developed as an undergraduate student research project by one of the authors (KB)³¹. The aims for this evaluation were to establish:

- What factors influenced the professional's decision to precept students?
- Did preceptors report having adequate skills and preparation for preceptoring?
- What were the variations in professional streams with regards to the factors and skills of the staff involved?
- What were preceptors' overall perceptions of their role?

The questions were derived from the preceptor literature. The survey instrument was piloted with 36 valid responses in 2002 and subsequently modified. In 2003 it was retested when 25 questionnaires were distributed to preceptors involved in Rural Weeks².

This questionnaire has now become the standard preceptor survey tool in SGRHS (Appendix I). The questionnaire uses Likert scales and open-ended questions, contains questions relating to demographic information about the preceptor, as well as questions establishing what influences health professionals to undertake the preceptor role, and seeks preceptors' experiences and opinions of rural placements.

Analysis of Likert scale questions was carried out using SPSS vers. 12 (SPSS Inc, Chicago, IL), Microsoft Excel 2000 and Xpro vers 5.4 (Statistical Solutions; Saugus, MA, USA). Qualitative coding of open-ended answers was undertaken by one of the authors (SS) using grounded theory methodology³². Thematic analysis revealed 22 codes for Question 5 (with between 1 and 25 comments attributed to



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each code) and 26 codes for Question 6 (with between 1 and 37 comments attributed to each code). The questionnaire was voluntary and anonymous and respondents were able to withdraw at any time. There was no benefit nor disadvantage to respondents for questionnaire completion or non-completion and cohort data only was accreted. As such, this evaluation fulfills a role as quality assurance of education and human research ethics committee approval was neither required nor sought.

Results

By 2004, SGRHS had established a large rural placement program over many disciplines in multiple locations. In October 2004 all preceptors who had supervised students in the previous 12 months (n = 255) were invited to participate in an evaluation using a mailed-out, paper-based questionnaire.

Six were returned without completion, for reasons such as that the preceptor had left the practice and these were deleted from the preceptor database. There were 145 valid responses (58% response rate, 145/249). This response is considered adequate for a once-off personalised mail-out survey, which did not utilise the Dillman protocol³³. No further attempts to contact preceptors again were made bearing in mind the anonymity of respondents.

The questionnaire results will be presented in three categories:

- 1. Demographic data (Questions 1-4)
- 2. Factors influencing the decision to precept students (Question 5 in 7 parts)
- 3. Preceptors' experiences of the student placement (Question 6 in 7 parts and the 3 qualitative openended questions).

Demographic data (Q1-4)

Preceptors were asked to nominate details of their professional stream and how many years they had spent

working in a rural or remote area. They were asked whether they had preceptored before and for which discipline(s) of student.

Table 1 reveals that overall the distribution of professions for respondents is similar to the overall distribution in the target population. Almost half the responses ($n=70,\,48\%$) were from medical professionals and they represented 40% of the sample of preceptors (102/252). Examples of the professional stream of those who classified themselves as 'other' were pharmacy, pathology, volunteer ambulance officer, medical research, medical receptionist, aged care worker and community health worker.

One hundred and forty-four respondents reported how many years they had spent in rural areas (Table 2). They are predominantly either recently arrived in a rural area or long-term residents.

Most respondents (139/145) indicated how many students they had preceptored (n = 1007), with the majority being medical students (526) (Table 3). Preceptors report often supervising students from professional streams other than their own. Most (n = 133 / 143, 93%) respondents had preceptored previously.

Factors influencing the decision to supervise/precept students (Q5)

In question 5 and 6 respondents were invited to rate their agreement with a statement or question on a 5 point Likert scale where 1= strongly disagree and 5 = strongly agree. Preceptors had mostly chosen to precept because of their enjoyment of teaching, desire to see student's knowledge and skills improve and to promote a rural career (Table 4). They were less motivated by the opportunity for contact with academic faculty staff.



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Table 1: Representativeness of the respondents – a limitation to the study

Responses	Profession							
	Medical n(%)	Nursing n (%)	Allied health n (%)	Other n (%)	Unknown n (%)	Total n (%)		
We distributed	102 (40)	69 (27)	38 (15)	42 (16)	4 (2)	255 (100)		
No. responses received	70 (48)	37 (25.5)	24 (16.5)	14 (10)	-	145 (100)		
Representative sample of 145 responses would have contained	58 (40)	39 (27)	21 (15)	24 (16)	3 (2)	145 (100)		

Table 2: Number of years spent working in a rural or remote area in numbers and (relative frequency as a percentage)

Year	Years n(%)						
	<1	1-5	6-10	11-15	16-20	>20	Total
2004	5 (3.5)	38 (26.4)	21 (14.6)	19 (13.2)	19 (13.2)	42 (29.2)	144 (100)

Table 3: Number health professional and number of students preceptored

Professional	Students							
stream (n)	Medical	Nursing	Allied Health	Other	Total			
Medical (70)	359	4	8	0	371			
Nursing (37)	83	165	1	11	260			
Allied health (24)	12	14	66	10	102			
Other (14)	72	56	93	53	274			
Totals	526	239	168	74	1007			



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Table 4: (of Question 5) Factors influencing your choice to precept students

	Response	Medical	Allied	Nursing	Other	Significant	Significant difference		
	Agree/Strongly agree Mean on 5 point scale	n (%)	health n (%)	n (%)	n (%)	Gen F test	Post-hoc		
1	l enjoy the teaching/preceptor role	64 (93) M=4.2	22 (92) M=4.2	35 (95) M=4.4	12 (92) M=4.3	P= 0.5802 between 4 professions	Not significant		
2	I value my contribution to the growth in students' knowledge and skills	61 (91) M=4.1	24 (100) M=4.3	37 (100) M=4.5	12 (92) M=4.5	P=0.0073 between 4 professions	<i>P</i> =0.001 between M & N		
3	Teaching allows me to promote rural health as a career option	60 (88) M=4.1	24 (100) M=4.4	37 (100) M=4.5	12 (92) M=4.5	P=0.042 between 4 professions	<i>P</i> =0.01 between M & N		
4	l increase my time reviewing the basics of my clinical knowledge	46 (69) M=3.6	17 (71) M=3.7	29 (78) M=3.9	8 (62) M=3.4	P=0.15 between 4 professions	<i>P</i> =0.042 between N & O		
5	Being a preceptor enhances my desire to keep up with recent health developments/ literature	52 (78) M=3.8	17 (71) M=3.8	32 (86) M=4.2	9 (69) M=3.7	P=01.1387 between 4 professions	<i>P</i> =0.005 between M & N		
6	Teaching increases my confidence in my ability as a professional	35 (52) M=3.4	17 (71) M=3.8	31 (84) M=4.1	9 (69) M=3.7	P= 0.002 between 4 professions	<i>P</i> =0.0001 between M & N		
7	Teaching allows me to have increased contact with the academic faculty	30 (44) M=3.3	11 (46) M=3.2	26 (70) M=3.9	7 (54) M=3.5	P= 0.0205 between 4 professions	Post hoc comp P=0.007 between N & AH P=0.006 between M & N		

Further analysis of the data by professional stream provided an insight into the different perceptions and attitudes among the preceptors by discipline. While there were no significant interdisciplinary differences in the data for Questions 5.1. and 5.4, the other responses revealed interdisciplinary differences. In particular, the post hoc tests showed that there was a very significant difference (p = 0.001) between medical and nursing, stronger in nursing, for Q5.2 'I value my contribution to the growth in student's knowledge and skills'. That was also true for Q5.3 'I enjoy the teaching/ preceptor role' where post hoc tests showed that there was a significant difference between medical and nursing, stronger in nursing (p = 0.01) and for Q5.5 'Being a preceptor enhances my desire to keep up with recent health developments/literature' where nursing scores were significantly

higher than medical (p = 0.005). When considering the proposition Q5.6 'Teaching increases my confidence in my ability as a professional', nurses scored significantly more highly than medical and post hoc comparisons revealed the very significant difference between medical and nursing (p = 0.0001). Last, analysis of the proposition Q5.7 'Teaching allows me to have increased contact with the academic faculty' revealed a weak overall significant difference among the four professions (p = 0.02). Post hoc comparisons showed that there was a very significant difference between nursing and allied health (p = 0.007) and between nursing and medical (p = 0.006). The nursing scores were the highest (p = 0.006) against allied health (p = 0.007) and medical (p = 0.006).



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Preceptors' experiences of the student placement (Quantitative Q6 and qualitative Q7-9)

The questionnaire sought feedback from respondents about their placement experience (Table 5). The preceptors reported strong agreement that the placements allowed promotion of rural careers, seemed to be educationally useful for the students, and that prior communications were the least satisfactory part of the placement.

The responses were categorised by professional discipline grouping. None of the differences among professional groupings was significant except Table 5, Question 2 'Communication regarding student arrival times and other coordinated activities was sufficient' where medicine scores were lower overall than nursing and allied health (p = 0.023).

Qualitative results preceptors' experiences of the student placement

Three open-ended questions were included in the questionnaire (Appendix 1). Responses were coded and analysed using grounded theory analysis techniques. Codes are available from the analyst (SS).

The most enjoyable aspect of preceptoring for respondents was their desire to share youthful students' enthusiasm for learning (25 respondents), to teach about rural health and 'ignite the spark' about rural health care (22), to teach and foster learning behaviours (21) and to see students' skills, attitudes and confidence improving (20). Nineteen respondents also valued interacting with students academically and learning from their contemporary knowledge and values. Medical practitioners most enjoyed the enthusiasm of youthful students, and teaching as well as fostering learning behaviours; whereas, nurses believed that the most enjoyable aspect of preceptoring students was encouraging their understanding of rural health care. Medical, nursing and allied health preceptors all valued seeing students' confidence and skills improving; while medical preceptors valued interacting with students academically and learning from their contemporary values more than the other groups.

When respondents were asked to reflect on the least enjoyable aspect of preceptoring, by far the most prevalent response related to time (37 respondents) – the shortage of time and the pressure preceptors placed on themselves when they were simultaneously preceptoring a student and practising. Associated issues highlighted were the slowing of consultation time (n=14), increased workload (7) and lowered income (6). Expectations of both the preceptor and the student were at times not met, for example a student's skill level being lower than expected (7), or that students had unrealistic expectations of the preceptor (4). Administration of the placement - communication, information follow up and insurance - were mentioned eight times.

Teasing out interdisciplinary differences, more than any other topic, medical preceptors mentioned 'Time management constraints' (23 respondents), including too little time for tasks such as teaching and normal workload, report writing and too busy to interact with student as the least enjoyable aspect of preceptoring. This was also associated with slowing of consultation time (12 medical responses) and lowered income (four medical responses). Seven nurses also mentioned the time constraint issue and four nurses noted that students' skills were not as expected.

Twenty-six respondents took the opportunity to provide constructive criticism of matters related to administration of the program, their role as a preceptor, and their relationship with the universities. More general comments about students' wellbeing were also proffered, reflecting respondents' interest in students' general welfare while on placements. Most prevalent of these general responses were requests for improved communication between the academic supervisor and the preceptor (three respondents). Eight respondents (8/145) took a further opportunity to provide positive feedback about the placement students they preceptored or supervised and the placement program citing, for example, that 'the current program is ideal'; that 'students motivate the staff to increase their knowledge' and that 'I love teaching' and it is 'enjoyable working with students'.



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Table 5: (of Question 6) Preceptor experience of the student's rural placement experience 2004

	Responding Agree/Strongly agree	Medical n (%)	Nursing n(%)	Allied health n(%)	Other n (%)	Total n (%)
1	The information provided to me prior to the students' arrival about the purpose of the placement was sufficient	39 (60)	29 (78)	14 (58)	12 (86)	94 (67)
2	Communication regarding student arrival times and other coordinated activities was sufficient	45 (68)	30 (81)	22 (92)	12 (86)	109 (77)
<u>ი</u>	I encountered no problems with my student during the placement period	57 (86)	32 (86)	22 (92)	12 (86)	123 (87)
4	I had adequate skills/experience to supervise students on clinical placement	60 (92)	35 (95)	23 (96)	11 (92)	129 (93)
5	This type of short observational placement was very relevant	51 (82)	29 (78)	16 (80)	11 (92)	107 (82)
6	The placement was an overall positive experience for the practice or department involved	59 (91)	32 (86)	24 (100)	12 (86)	127 (91)
7	Rural placements enable students to see careers in rural practice in action	64 (97)	37 (100)	24 (100)	14 (100)	139 (99)

Discussion and Conclusion

SGRHS has established an ongoing evaluation of preceptors who teach health professional students in clinical disciplines. A questionnaire was developed and tested in 2002 and 2003. At the end of 2004 it was mailed to 255 preceptors who had accepted 1007 students for SGRHS. Preceptors tended to be recent (<5 years) or highly experienced (>15 years) rural practitioners. Generally they enjoyed their role of increasing student knowledge and skill but also recognised an opportunity to promote rural careers. Comparing the professional groups, nurses were more positive in their responses than were medical or allied health professionals. Overwhelmingly preceptors believed that students obtained a valid experience of rural practice, that as preceptors they

were appropriately skilled for their role, and that their workplace benefited from the presence of students.

These preceptors are highly valued by SGRHS and this evaluation was motivated by a desire to understand their situation so that we can react to their needs. The observed differences between professional disciplines may be a result of fundamental differences in the way health services are funded in rural Australia. Doctors are predominantly in private fee-for-service practice and are eligible for financial support through the Practice Incentive Payments program, while nurses are the professional groups most likely to be in salaried employment. The allied health professionals in the Spencer Gulf region are in a mixture of private and salaried practice. Doctors are aware that imposts on their time have a direct effect on income generated, whether to cover practice costs or to flow on to take-home pay. For salaried nurses,



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preceptoring students will have a similar impact on their daily workload but without the direct financial cost. Also decisions to accept nursing students will usually be taken by senior management who will then place the students into various wards and departments.

While the overall response rate (58%) was acceptable, the low numbers of respondents from the 'other' group was regrettable, and there is a significant difference between the number of responses expected and received from this subgrouping. Despite this limitation, there are no significant differences between the expected and received response rates from medical, nursing and allied health professionals, despite over-representation by medical professionals, and we believe that the discipline-streamed data can be validly considered. We acknowledge recall bias as a study limitation – respondents may not have recalled accurately how many students within each discipline they supervised.

This is a bounded study of SGRHS preceptors and of data collected in 2004 only. Although it best informs the management and administration of SGRHS placements, valuable general insights may be provided for other universities and other community placement settings.

The Rural Undergraduate Support and Coordination (RUSC), UDRH and RCS programs have been funded by the Australian government to enable rural health student placements. The medical student programs have been in existence longer, largely as a response to the earlier recognition of a rural doctor shortage than of the existence of the same problem among all rural health professional groups. Our experience in SGRHS is that the medical student programs have been more generously funded. These funds have been disbursed into private medical practices to address the financial disadvantages of accepting medical students. These evaluation results support our belief that our regional doctors are able to sustain the student teaching load that has expanded rapidly with the development of SGRHS.

It is reassuring to see that nursing professionals are enthusiastic about their role as preceptors. SGRHS is anticipating a large increase in the number of nursing students with the revision of the University of South Australia's curriculum and the initiation of an undergraduate nursing course at the University of Adelaide. Urban public sector hospital work is changing rapidly and financial constraints are having a negative impact on students' urban placements. The UDRH program does not have adequate funds to support this expansion on a background of presumed contraction of state department of health funds flowing into rural areas. The enthusiastic nursing preceptors in the 2004 survey may not remain so if they are inundated with nursing students while remaining inadequately resourced by either governments or the universities.

Fit with literature

The results of our analysis have been compared with the international literature on what motivates clinicians to precept and what makes preceptoring sustainable. The SGRHS data is consistent with research conducted by Stone et al.²³, Baldor et al.¹⁷, Dilbert and Goldenberg³⁰, and Usatine et al.⁶. Their consistent theme of personal professional growth through having the students present, counterbalanced by the pressure of time and financial incentives, are consistent with our findings. Our results are consistent with both Walters et al.²⁰ and Stone et al.²³ who reported the positivity of clinical teaching, for example 'teaching was a way to update their clinical knowledge'²³ and the negativity of time pressure 'the single most significant pressure when supervising medical students is time management'²⁰.

This is further supported by Usatine et al.'s study of medical student preceptors where they highlight the 'worries about balancing time with the student vs maintaining a busy practice' and conclude that while 'preceptors experience professional growth through students' direct presence in their offices, time management while precepting is the greatest challenge reported by preceptors'⁶.

SGRHS supports all preceptors by conducting rural student clinical supervision training for health professionals in rural and/or remote locations, but to ensure sustainability of



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preceptors a number of areas need to be improved. This study's findings suggest that recommendations to be enacted include:

- acknowledging the time and loss of productivity incurred for the preceptors whether or not a financial incentive is offered
- improving communication and administrative support between the sending institution and the placement site
- maintaining a multi-disciplinary approach to selecting preceptors for all health professional students
- persisting with rural placements in acknowledgment that preceptors themselves believe that this type of placement allows students to see careers in rural practice in action, which is the overarching goal for rural placements.

For the duration of the rural health workforce shortage the sustainability of RUSC, RCS and UDRH programs will critically depend on a high percentage of rural health professionals being preceptors for the universities. Thus, responding to evaluation findings such as these is an essential element of maintaining stable rural health professional education.

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APPENI	DIX 1: Qu	ıestionnaire	_		SGRHS	
Precepto	or Feedba	ck Questionnaire.				University of South Australia
Please tio	ck ☑ your	answers to the follo	wing ques	tions:		
1. Please	indicate	which professional	stream y	ou work in:		
		Medical Allied Health Nursing Other (Please spec	ify)			
2. How r	nany year	rs have you been a	health pro	ofessional in a rural/remote area	a?	
		< 1 year 6-10 years 16-20 years		1-5 years 11-15 years > 20 years		
(This ma	y include		ising stude		any you and lea	rn from clinical situations you are involved in
4. What	Disciplin Medical Nursing Allied He	ne .	ou precep No. of stu	tored during 2004? udents		

${\bf 5.}\ To\ what\ extent\ did\ the\ following\ factors\ influence\ your\ choice\ to\ precept\ a\ student?$

(Please tick one box that corresponds with the selection that most agrees with your response.)

Statement/Question	Strongly	Disagree	Undecided	Agree	Strongly
	disagree 1	2	3	4	agree 5
I enjoy the teaching/preceptor role					
I value my contribution to the growth in					
student's knowledge and skills					
Teaching allows me to promote rural					
health as a career option					

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Statement/Question	Strongly disagree	Disagree	Undecided	Agree	Strongly agree
	1	2	3	4	5
I increase my time reviewing the basics of					
my clinical knowledge					
Being a preceptor enhances my desire to					
keep up with recent health developments /					
literature					
Teaching increases my confidence in my					
ability as a professional					
Teaching allows me to have increased					
contact with the academic faculty					

6. Rural Placement Experience

(Please tick one box that corresponds with the selection that most agrees with your response.)

Statement/Question	Strongly disagree	Disagree	Undecided	Agree	Strongly agree
	Ī	2	3	4	5
The information provided to me prior to					
the student's arrival about the purpose of					
the placement was sufficient.					
Communication regarding student arrival					
times and other coordinated activities was					
sufficient					
I encountered no problems with my student					
during the placement period					
I had adequate skills / experience to					
supervise students on clinical placement?					
This type of short observational placement					
was very relevant					
The placement was an overall positive					
experience for the practice or department					
involved?					
Rural placements enable students to see					
careers in rural practice in action					

edicers in rurar practice in action	1		1		
7. What has been the most enjoyable a	spect of precept	oring students?			
8. What was the least enjoyable?					
9. Please feel free to make further com	ment/suggestion	s for further im	provement of st	tudent placem	ents.
(Please feel free to add additional pages i	00			.	

Published 23 February 2006; modified 4 April 2011. A correction was made to Appendix Question 6 in the printable version.