

2015 INU Workshop on Global Health and Nursing¹

Assessment Report

The INU Workshop on Global Health and Nursing is a week-long program for nursing students from INU member institutions who are interested in learning about the role of nurses in addressing global health. Scheduled to take place concurrently with the Peace Memorial Ceremony at Hiroshima, Japan, on August 6, the workshop includes expert speakers from each of the universities, visits to hospitals and community health organizations, and interactive case studies in which students apply learning principles to disaster scenarios. This program is hosted by Hiroshima University, Japan.

Twenty three students and seven faculty members from six INU member institutions participated in the 2015 Nursing Workshop. Students were asked to complete a survey prior to the workshop and again after participating in the event. Of the 23 attendees who completed at least one of the surveys, 17 (73.9%) were undergraduate students and 3 (13.0%) were graduate students; 3 (13.0%) respondents did not specify their education level. Additionally, 18 (78.3%) respondents were female and 4 (17.4%) respondents were male; 1 (4.3%) respondent did not specify a gender. Collectively, the group represented seven countries (i.e., Australia, Indonesia, Japan, South Africa, Spain, Sweden, and the United States of America) and spoke six languages (i.e., English, Indonesian, Japanese, Sepedi, Spanish, and Swedish).

The first 12 items asked attendees a series of questions about key nursing actions to be taken in the event of a disaster; resources critical to providing nursing care in a range of disaster settings; and the role of nurses in disaster planning, response, and recovery activities. Figure 1 presents knowledge test results before and after the 2015 INU Workshop. Overall, respondents scored higher on the knowledge postsurvey (9.38 out of 12) than on the presurvey (10.60 out of 12). Further, a Wilcoxon signed-rank test showed that this change was statistically significant ($Z = -1.977, p = 0.048$).

¹ Survey developed by Kristine Gebbie, RN, Ph.D., Flinders University, and Vesna Hart, Psy. D., INU Project Coordinator, James Madison University. Quantitative data analysis completed by Jessica Jacovidis, M.A., Doctoral Student in Assessment and Measurement, James Madison University. Qualitative data analysis completed by Vesna Hart.

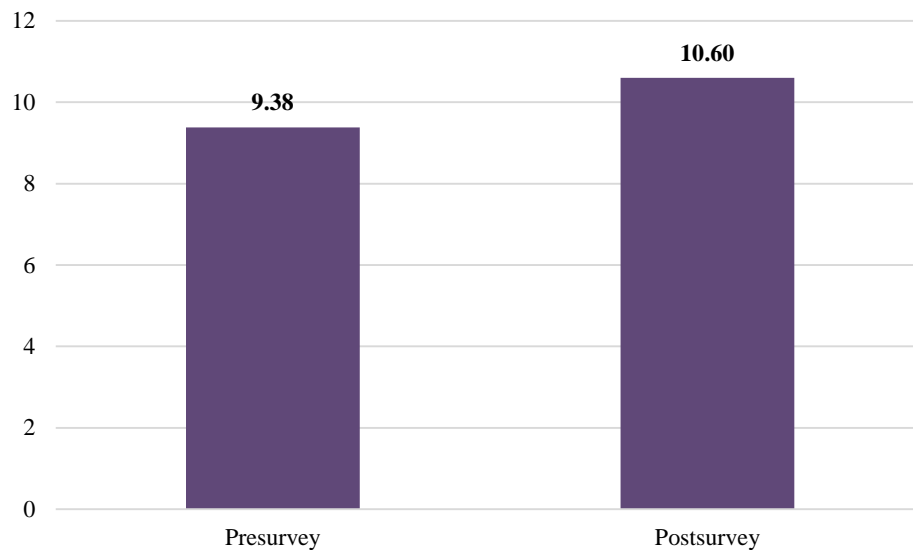


Figure 1. Pre- and postsurvey knowledge assessments for the 2015 INU Workshop.

The second set of items asked attendees about their ability to compare various aspects of health and educational systems across countries, whether they could apply their knowledge of the role of nurses in a disaster to an explicit setting, and about their ability to communicate their ideas across a variety of settings. Table 1 displays the responses. Overall, respondents were more likely to agree with each of the statements after the workshop than before the workshop. Perhaps most notably, the percentage of respondents who disagreed with each of the statements decreased from a third or more (33.3% to 52.4%) to a fifth or less (0.0% to 20.0%). Further, prior to the workshop, none of the respondents reported strong agreement with any of the statements; however, after the workshop, 10% to 20% of the respondents reported strong agreement with each of the statements. Further, the Wilcoxon signed-rank test showed that the change for each of the statements was statistically significant.

Table 1. Pre- to Postsurvey Comparison of Respondents' Perceptions.

Item		<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
I am able to compare <u>health systems</u> in several countries.	Pre	21	9.5%	19.0%	19.0%	23.8%	28.6%	0.0%
	Post	20	0.0%	5.0%	10.0%	30.0%	35.0%	20.0%
I am able to compare <u>country</u>	Pre	21	33.3%	19.0%	0.0%	19.0%	28.6%	0.0%

Item		<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
<u>disaster systems</u> in several countries.	Post	20	0.0%	5.0%	5.0%	45.0%	30.0%	15.0%
I am able to compare <u>health and educational systems</u> in several countries.	Pre	21	19.0%	19.0%	14.3%	23.8%	23.8%	0.0%
	Post	20	0.0%	10.0%	10.0%	35.0%	30.0%	15.0%
I am able to apply the knowledge of the role of nurses in a disaster to an explicit setting.	Pre	21	9.5%	14.3%	19.0%	42.9%	14.3%	0.0%
	Post	20	0.0%	5.0%	5.0%	35.0%	35.0%	20.0%
I know how to communicate my ideas in a situation that is new to me.	Pre	21	0.0%	4.8%	28.6%	47.6%	19.0%	0.0%
	Post	20	0.0%	0.0%	0.0%	25.0%	60.0%	15.0%
I know how to communicate my ideas in a cross-cultural situation.	Pre	21	4.8%	28.6%	19.0%	28.6%	19.0%	0.0%
	Post	20	0.0%	0.0%	5.0%	20.0%	65.0%	10.0%

After the workshop, respondents were asked about their experiences with the Hiroshima Peace Memorial Ceremony, the cultural program, and the joint lectures. Table 2 displays the responses. Overall, respondents were extremely positive about these experiences; 95% to 100% of respondents agreed with all three statements.

Table 2. Respondents' Postsurvey Perceptions of Workshop Events.

	<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
As a result of experiencing the Hiroshima Peace Memorial Ceremony and cultural program on August 6 and 7, I have a better understanding of the complexity of disaster effects on individuals and the environment.	20	0.0%	5.0%	0.0%	20.0%	20.0%	55.0%

	<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
As a result of experiencing the Hiroshima Peace Memorial Ceremony and the cultural program on August 6 and 7, I am more compassionate about the individuals and communities that experience disaster.	20	0.0%	0.0%	0.0%	20.0%	20.0%	60.0%
As a result of joint lectures I am able to examine a global problem from multidisciplinary perspectives.	20	0.0%	0.0%	5.0%	35.0%	30.0%	30.0%

Next, respondents were asked about their perceptions around communication, clarity, responsiveness, and comfort. As shown in Table 3, respondents' perceptions were positive. For 14 of the 15 items, at least 60% of respondents agreed. Only 30% of respondents agreed with the statement, "When people in the group raised questions or concerns, I tried to address them immediately." Perhaps most notably, all respondents agreed with the following statements: "I know how to communicate my ideas in a cross-cultural situation," "The people in the group responded to my questions and requests quickly during the interaction," and "I felt comfortable interacting with people in the group."

Table 3. Respondents' Postsurvey Perceptions of Communication, Clarity, Responsiveness, and Comfort.

	<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
I know how to communicate my ideas in a situation that is new to me.	20	0.0%	10.0%	25.0%	30.0%	25.0%	10.0%
I know how to communicate my ideas in a cross-cultural situation.	20	0.0%	0.0%	0.0%	45.0%	35.0%	20.0%
I understood what people in the group were saying.	20	0.0%	5.0%	5.0%	30.0%	30.0%	30.0%
I understood what was important to other participants in the group.	20	0.0%	0.0%	10.0%	25.0%	45.0%	20.0%
We clarified the meaning if there was confusion of the messages exchanged.	20	0.0%	10.0%	30.0%	30.0%	20.0%	10.0%
I think people in the group understood me clearly.	20	0.0%	0.0%	5.0%	40.0%	30.0%	25.0%
The messages exchanged were easy to understand.	20	0.0%	0.0%	30.0%	45.0%	20.0%	5.0%
The people in the group responded to my questions and requests quickly during the interaction.	20	0.0%	0.0%	0.0%	20.0%	35.0%	45.0%
The conversation ran smoothly without any uncomfortable silent moments, or I did not notice any uncomfortable silent moments.	20	0.0%	0.0%	15.0%	30.0%	35.0%	20.0%
I was willing to listen to perspectives of other people in the group.	20	0.0%	10.0%	20.0%	35.0%	30.0%	5.0%
When people in the group raised questions or concerns, I tried to address them immediately.	20	10.0%	20.0%	40.0%	25.0%	0.0%	5.0%

	<i>n</i>	Strongly Disagree	Somewhat Disagree	Disagree	Agree	Somewhat Agree	Strongly Agree
I felt people in the group trusted me.	20	0.0%	0.0%	5.0%	50.0%	30.0%	15.0%
I felt the other people were trustworthy.	20	0.0%	0.0%	5.0%	15.0%	30.0%	50.0%
I felt comfortable interacting with people in the group.	20	0.0%	0.0%	0.0%	20.0%	45.0%	35.0%
People in the group seemed comfortable talking with me.	20	0.0%	10.0%	15.0%	35.0%	15.0%	25.0%

Respondents were asked about their satisfaction with their overall experience in the Disaster Nursing Workshop. As shown in Figure 2, respondents generally indicated high satisfaction with the program. Fifteen respondents (75%) were very satisfied, and five respondents were somewhat satisfied with the experience.

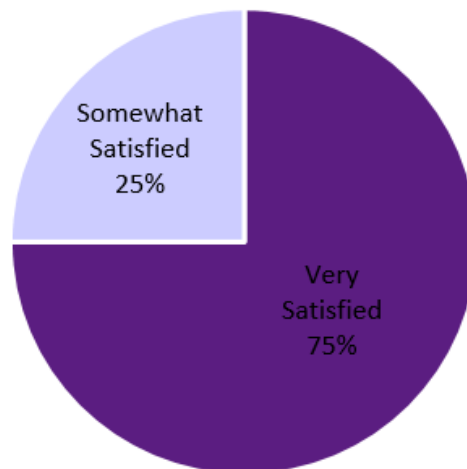


Figure 2. Overall satisfaction with experiences in the 2015 INU Global Health and Nursing Workshop.

Respondents also offered qualitative responses to several questions. When asked what the best aspects of the Nursing Workshop were, most frequently respondents identified the opportunity

for learning in an intercultural context. Sample responses indicated the best aspects of the Workshop as “being challenged to work and communicate with students of other nationalities” and “having engaging dialogues, discussing and accepting differences.” Additionally, respondents identified group work, the cultural program on August 6, the Motomachi site visit, meeting new people from around the world, and improving English abilities.

When asked what new or different they learned about themselves as a result of participation in the Disaster Workshop, respondents most often focused on different aspects of communication: growing comfort in listening and speaking English, finding balance in listening and talking time, being clearer in speaking or more patient in listening to others. Additionally, respondents identified personal growth in terms of being more open, flexible, patient, tolerant, sensitive, and assertive. One respondent expressed increased motivation to learn about disaster nursing: “My passion for disaster/emergency nursing is stronger than ever, and I have to attend more training and education. I feel content and relaxed.”

When asked what new or different they learned about others as a result of participation in the Disaster Workshop, respondents identified learning about and from perspectives presented by the diverse group of students and lecturers. One participant stated, “I learnt about the importance of international groups working alongside one another and learning from each other as nobody has it exactly right. Events such as these have significant importance in the progression of personal practice as well as global nursing practice.”