

Disaster Training in Nursing: A Multi-disciplinary and Multi-modal Approach

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Background

Disasters, both manmade and natural, are **happening with increased frequency**

Nurses represent a significant portion of health systems in both rural and urban settings, and are **well positioned to take an active role** in disaster preparedness, response, and recovery efforts.

There is **limited educational content related to the nurse's role in disasters.**



Overall Program Objective

To develop content which exposed participants to disaster topics with a goal toward capacity building nurses to participate in preparedness, response, and recovery efforts.



Partnerships

Children's National

Freestanding pediatric tertiary care center in Washington, D.C. dedicated to providing both high quality, kid-centered care and innovative solutions to meet growing healthcare demands. Responsible for educating the next generation of pediatric providers and publicly advocating for pediatric health.

US Japan Council TOMODACHI Initiative

Born out of support for Japan's recovery from the Great East Japan Earthquake. Invests in the next generation of Japanese and American leaders through educational and cultural exchanges as well as leadership programs.

Johnson & Johnson

Long history of disaster relief support in many forms including: funding for supplies, infrastructure, disaster training programs.



Program Overview

7 month program, 3 phase approach:

Pre- Study Seminars (June/July)

Content experts from US and Japan
Reflection on their experiences with disaster
Overview of US Study Tour

U.S. Study Tour (August)

Two week tour NY, NJ, and Washington, D.C.
Multi-modal learning platforms
Speaking Opportunities for Participants
Tour Blog
Discuss potential action items for return home

Post-Study Seminars and Symposium (September and November/December)

Seminar:

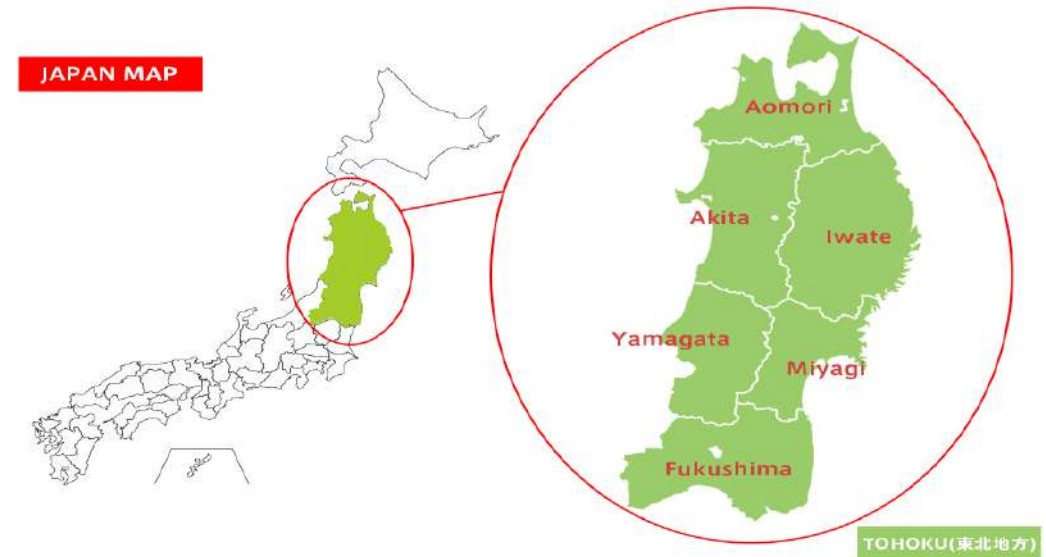
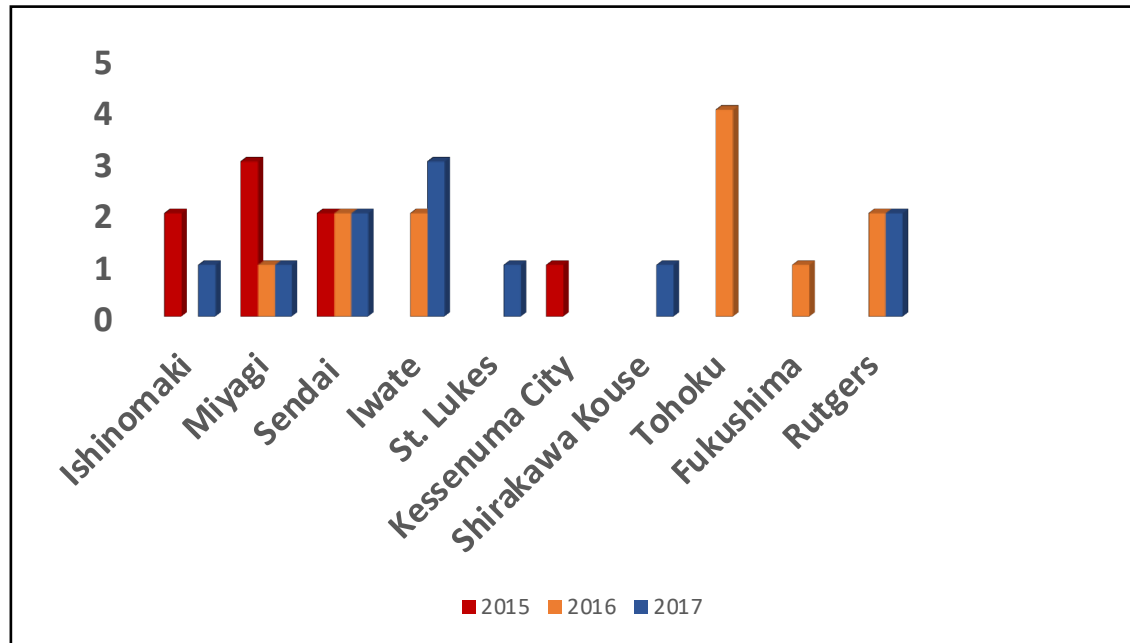
Review progress on action items
Prepare for Symposium

Symposium:

Presentation summarizing individual experience and post tour work
Expand discussion to broader regions of Japan



Recruitment Participants *By University*



During 2015 to 2017, 3 cohorts from **multiple nursing programs in Tohoku Region, Japan** completed the program

Participants **self-identified via interview** as interested in learning disaster nursing

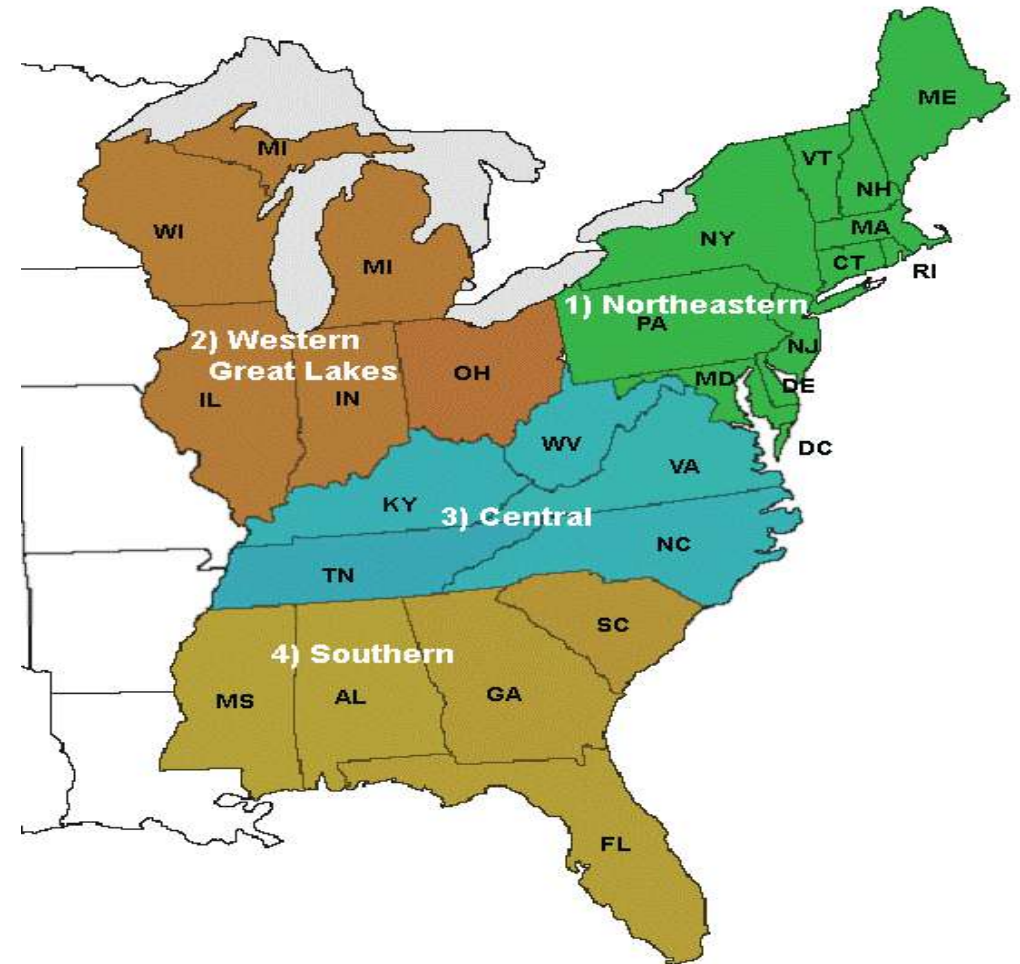
Year 2 & 3 were secured separate funding for addition of 2 US based students

United States Study Tour *Location*

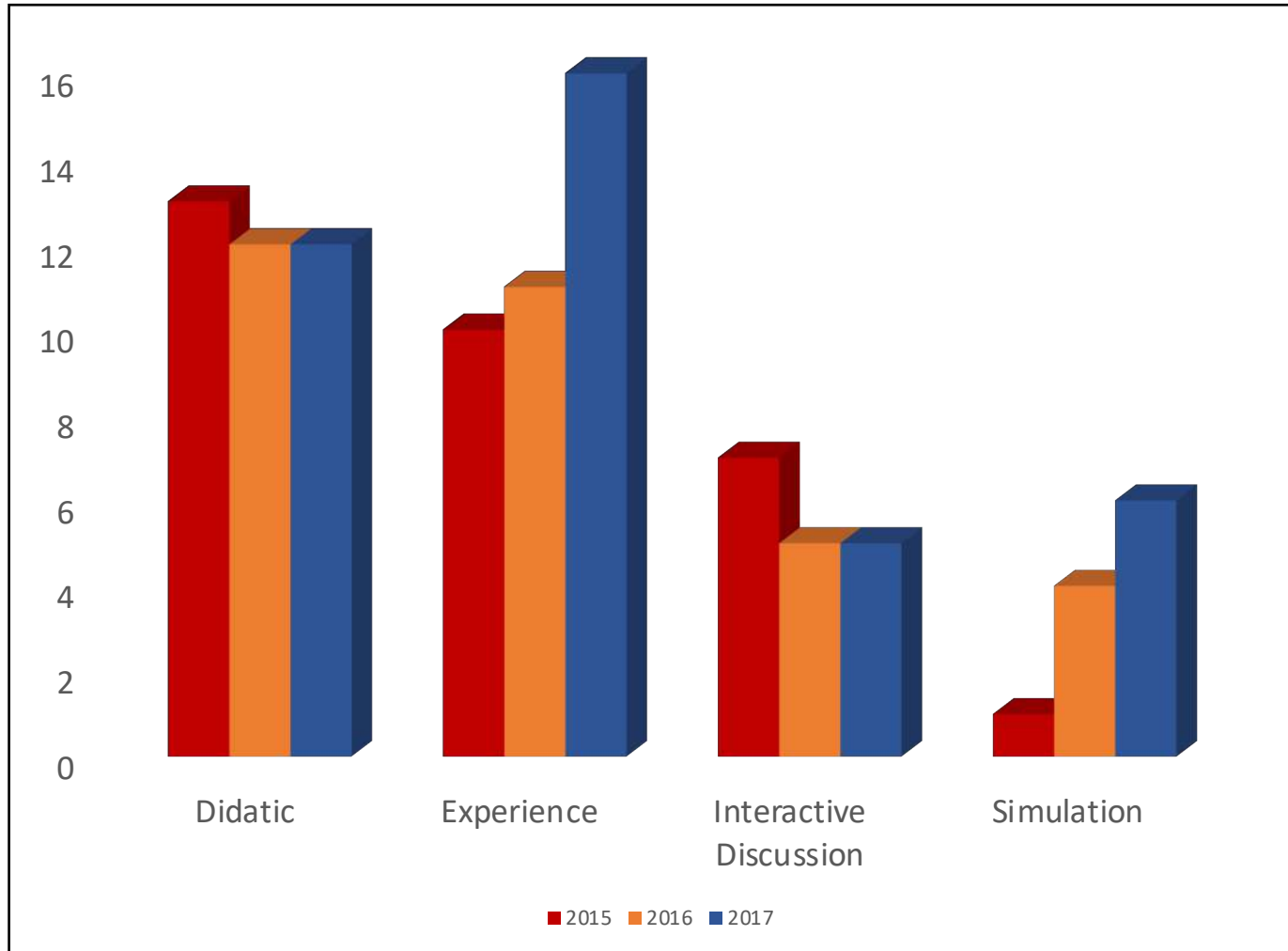
Traveled to New York (NY), New Jersey (NJ), and District of Columbia (DC)

Locations chosen due to first hand experience with disasters and organizational participation in recovery efforts

Participating organizations volunteered time



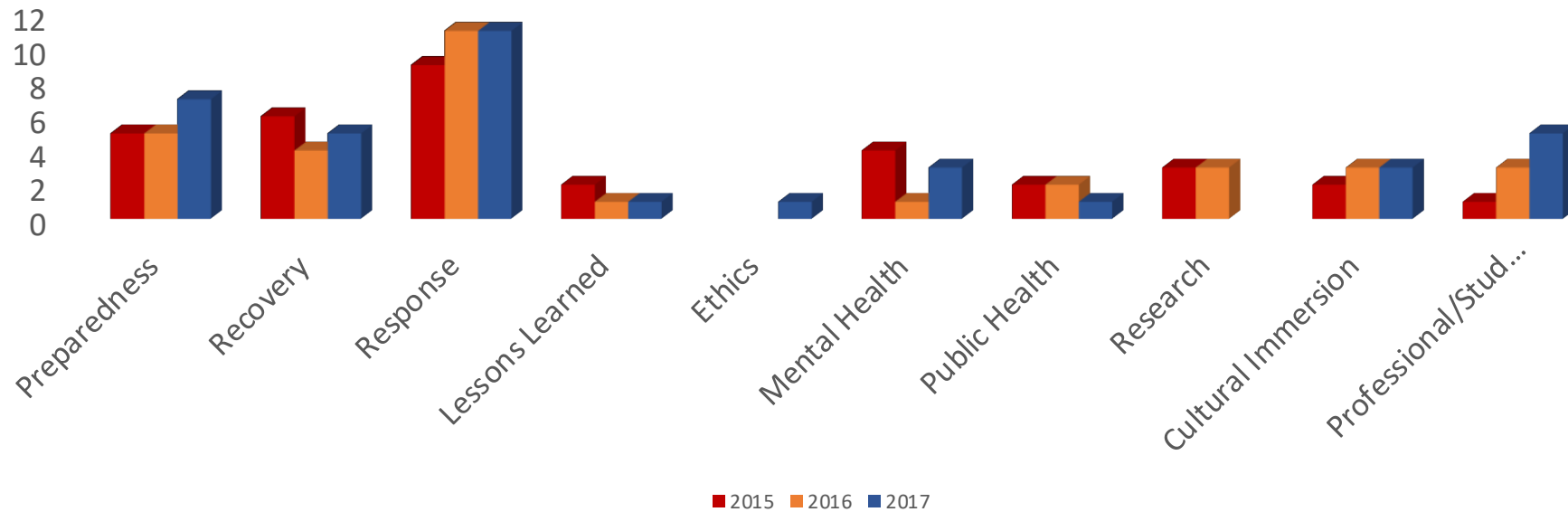
United States Study Tour *Content*



Opportunities to engage with **20 different organizations** and over **60 content experts**.

Multiple learning modalities were utilized including **didactic, experiential, interactive discussion, and simulation**.

United States Study Tour *Outcomes*



Major content themes included: **preparedness, response, recovery, mental health needs, and exposure to professional, as well as, student organizations**

Post-program participants **desired to take acquired skills and participate** in Japanese recovery efforts

Post Study Tour

Outcomes

Overall

\$300,000 in grant funding received in total for 2015-2017

Year 1

Talks given in across Miyagi Prefecture and expanded to Kochi in Southern Japan
Importance of mental health in recovery

Year 2

Chelsea Monteverde: speaker 2017 World Bonsai Forum/International Disaster Risk Conference held in Sendai. She reflects on her experience in the program, her personal experience with disaster, and the impact shared storytelling can have on experience and healing process

Chelsea also participated in a Johnson & Johnson World Headquarters Nursing Notes live podcast for student interested in these topics. The focus of the podcast was "Disaster Nursing Preparedness"

TOMODACHI Japanese Alumni Group established

Japanese participants respond to mudslide disaster in Southern Japan

Year 3

Kate Alesandrova, presented her experiences and reflections at the 2017 US-Japan Council annual conference in Washington, DC

Conclusion

Beginning exposure to disaster content during nursing educational programs increases awareness around this topic.

It may also increase the number of nurses interested in incorporating these concepts into their career path, as well as, increasing nurses actively participating in community disaster efforts.

Thank you!



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