



The Zoom Call Heard Around the World: Global Peer Mentorship for Nurse Anesthesia Trainees

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Background

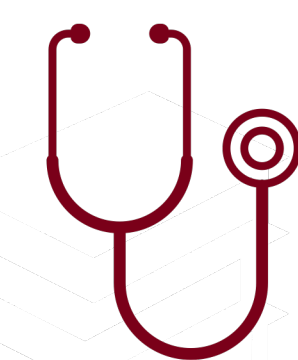
- Nurse anesthetists provide anesthetic care in over 45 countries
- Traditional global health modalities included lectures and international field experience
- Benefits of virtual global mentorship:
 - Transcend geographic boundaries
 - Foster reciprocal and collaborative partnerships
 - Harness global knowledge
- Global mentorship not defined in nurse anesthesia curriculum

Evidence for Intervention



International Federation of Nurse Anesthetists

- Primary objective: promote cooperation between nurse anesthetists worldwide



American Association of Colleges of Nursing

- Competencies to meet health needs of ethnic and socio-culturally diverse populations



University of Minnesota, School of Nursing

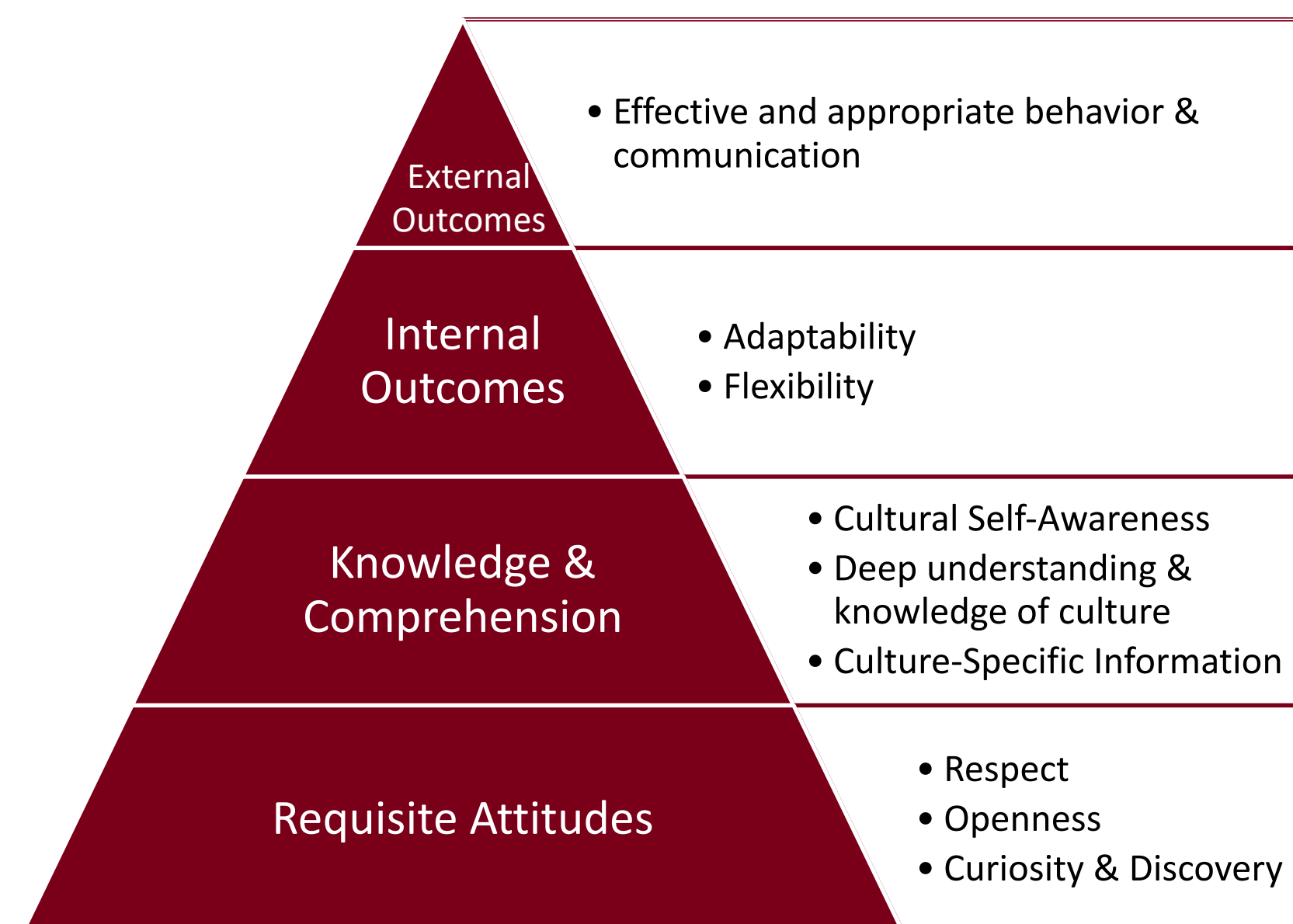
- 16 global partners
- 40-year partnership with University of Iceland

Aim

Increase intercultural competence in nurse anesthesia trainees through transnational peer mentorship

Framework

- Deardorff's Intercultural Competence Model
- Intercultural competence is the ability to develop skills and attitudes to promote appropriate behavior and communication in intercultural interactions



Intervention

- Participants:
 - Students in their final year of training at each university
 - United States (n=14)
 - Iceland (n=9)
- Intervention:
 - American & Icelandic trainees were paired up
 - Two zoom calls were hosted where students gathered
 - Topics ranged from the student experience, nurse anesthesia practice in each country, and the future of the profession

Methods

- Pre- and post-surveys
- The modified Cultural Awareness Scale (mCAS) was used to measure intercultural competence

Results

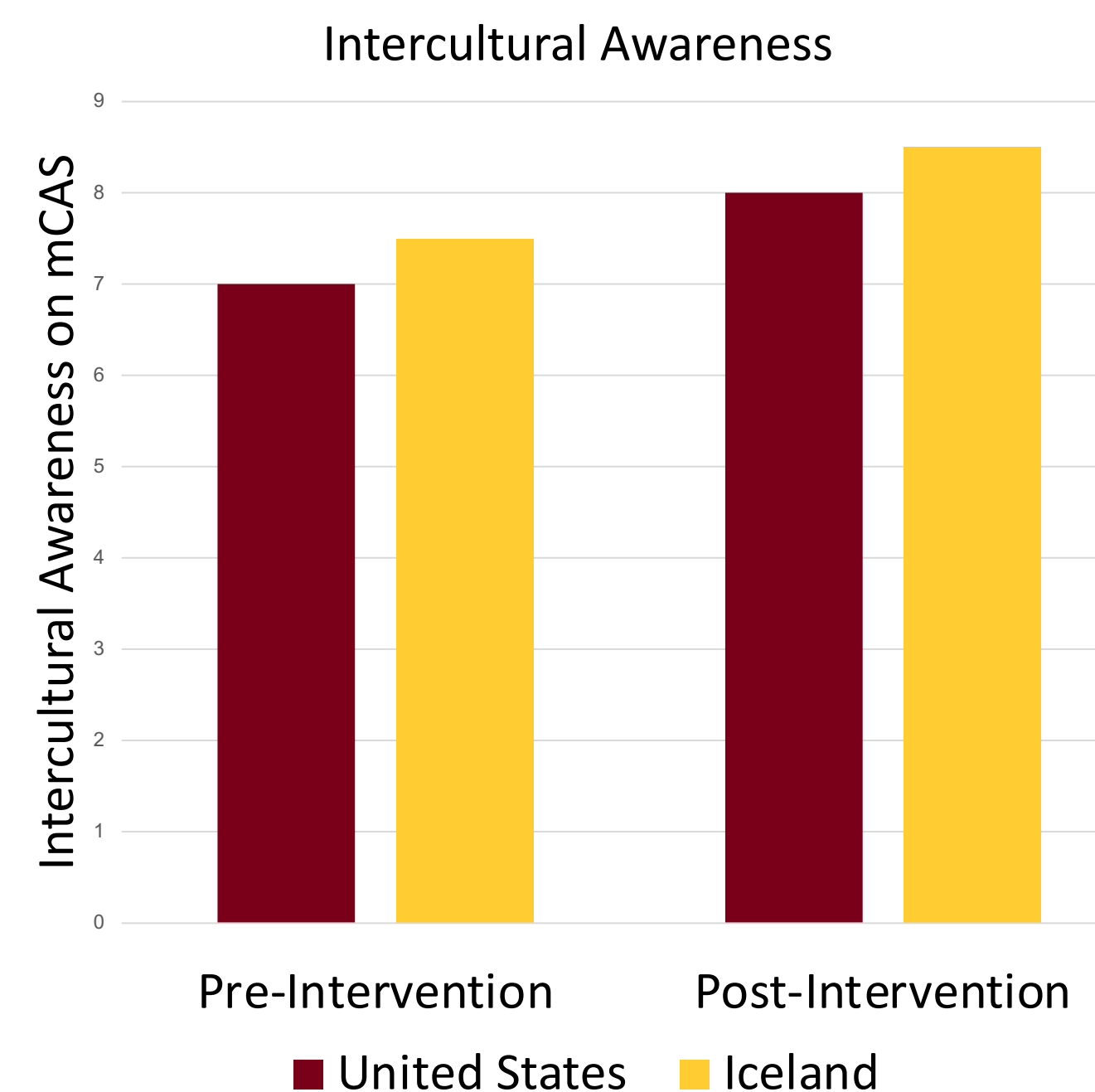
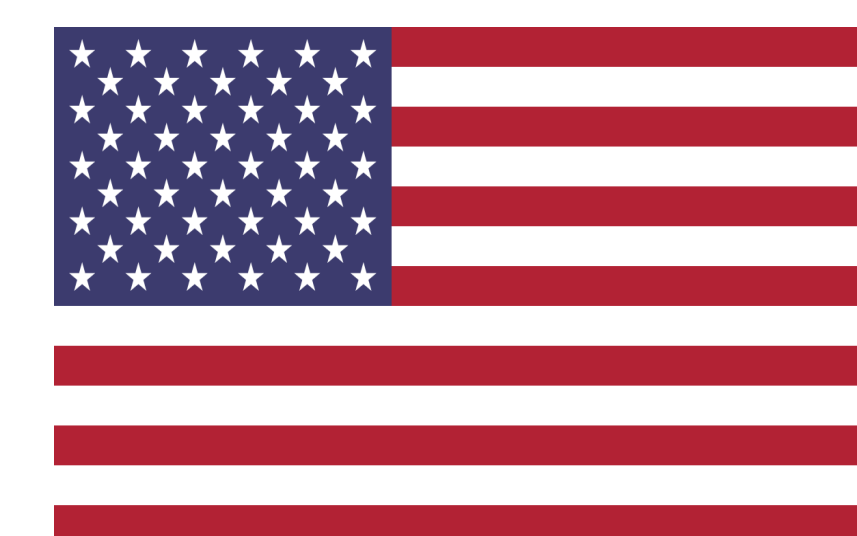


Table 1

Participant Attendance at Mentorship Meetings

	University of Minnesota (n=14)	University of Iceland (n=9)	Total (n=23)
Attendance Meeting 1	14 (100%)	8 (89%)	22 (96%)
Attendance Meeting 2	12 (85%)	9 (100%)	21 (91%)

- 92% participation rate between both programs
- 100% of students stated participating in the global mentorship program was a positive experience for them



Student Experience



"We can all benefit from sharing how we take care of our patients"

"I enjoyed having a multicultural educational experience. It was awesome to learn about anesthetic practices in another country and identify areas where we can improve"



"It was comforting to know our experiences and challenges being a student are valid and common internationally"

Discussion

- Virtual peer mentorship offered an accessible and sustainable opportunity for exposure to global diversity
- Future nurses must be able to lead global initiatives to address global health threats and partner beyond borders to find solutions
- Exposure to global peers will allow for a future supply of interculturally competent and engaged anesthetists
- Sustained partnership will allow nurse anesthesia programs to engage in new activities or larger initiatives

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References

- Deardorff, D. (2006). The identification and assessment of intercultural competence as a student outcome of internationalization at institutions of higher education in the United States. *Journal of Studies in International Education, 10*(3), 241-266.
- International Federation of Nurse Anesthetists. (n.d.). *About IFNA*. Retrieved from <https://ifna.site/about-ifna/>.
- Rew, L., Becker, H., Cookston, J., Khosropour, S., & Martinez, S. (2003). Measuring culture awareness in nursing students. *Journal of Nursing Education, 42*(6), 249-57.