



澳門鏡湖護理學院
KIANG WU NURSING COLLEGE OF MACAU
INSTITUTO DE ENFERMAGEM KANG WU DE MACAU

The impact of Chinese Cultural Values on Nursing Education: A case study of cultivation of Personhood, Caring and Professionalism to BSN students in Macau

Grace Lok (Lecturer, RN, MNs, MEd)

Michelle Zhu (Professor, Ph.D)

Florence Van (President, Ph.D)

Kelly Wang (Lecturer, MPH)

Kiang Wu Nursing College of Macau

2014/7/27

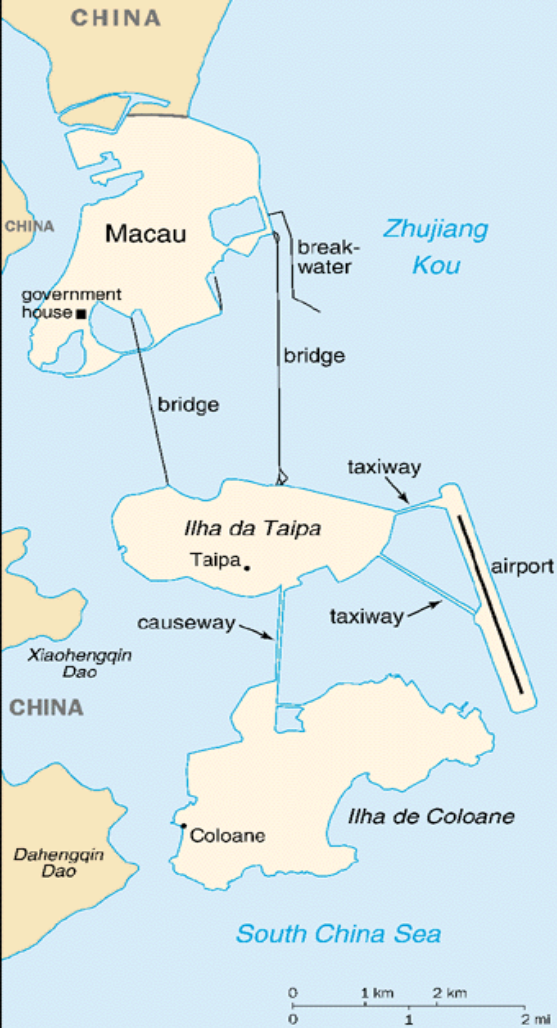
Background

Macau is a Special Administrative Region (SAR) of the People's Republic of China and benefits from the principle of “one country, two systems”, that means, Macau people run Macau and maintain the status quo with its independent political entity.

Macau's social structures, political and educational development are distinctive from those in other Chinese and South East Asian societies, because of its unique historical and cultural background, which mixed with Confucian and Catholic traditions.

The nursing education development in Macau is also influenced by the multicultural community and values.

Macau at A Glance



- ◆ A city (special administrative region) on the southern coast of China
- ◆ Comprise of Macau Peninsula, Taipa and Coloane Islands
- ◆ Total area: 28.2 km²
- ◆ Total population: 607,500 (>95% of population are ethnic Chinese)
- ◆ Official language: Chinese, Portuguese
- ◆ No. of higher educational institutions: 10 (4 public, 6 private)
- ◆ **2 nursing colleges, No medical school**
 - Kiang Wu Nursing College of Macau
 - School of Health Sciences, Macau Polytechnic Institute



Health Statistics (2012)



■ No. of hospitals:	3 (1 public, 2 private)
■ No. of doctors:	1,482
■ No. of nurses:	1,751
■ No. of hospital beds:	1,354
■ Nurse to doctor ratio:	1.8 : 1
■ Citizen to doctor ratio:	1,000 : 2.5
■ Citizen to nurse ratio:	1,000 : 3 → 1,000 : 4 (2020)
■ Citizen to hospital bed ratio:	1,000 : 2.3

Development of Nursing Education of Macau--- from hospital-based to university education



High Diploma
Degree

1997-2000

Vocational
training

1985-1993

Apprenticeship (Nursing
and Midwifery)

1923-1982



Bachelor Degree

2001-

APN & Master Degree
Program

2005-





Literature Review

- Caring behaviors cultivation of nursing students
- The contextual uniqueness of nursing education development of Macau- mixed cultures



Caring behaviors cultivation of nursing students

- Caring is the core of nursing.
- Therefore, if cultivating caring in student nurses is desired, then they should be educated in an environment with a caring atmosphere (Zhu, Luk & Deng, 2013; Zhu & Van, 2008; Beck, 2001).
- Many strategies are recommended to cultivate student's caring competence, which include role modelling, dialogue, case study, group discussion, reflection, caring group, journaling, etc. (Shihi & Lee, 2012; Lee & Fang, 2000)



- The findings of recent researches on cultivating caring behaviors of nursing students showed that, it's important to help students to develop the concept and insight of caring through clinical practice and interaction with clients. Also, positive reinforcements may help to strength the caring behaviors (Li, 2013; Shihi & Lee, 2012).
- In Chinese culture, caring is deeply embedded in the belief of Ren (仁)/ Benevolence, when you caring for the weak one, you are putting yourself in the place of another (Bai, Jiang & Zhang, 2011).
- However, lack of study explores the relationship between Chinese culture and caring behaviors cultivation of nursing students, especially in Chinese social-cultural context.



澳門鏡湖護理學院
XIANGSHUI NURSING COLLEGE OF MACAU
INSTITUTO DE ENFERMAGEM DE MACAU

The uniqueness of Macau

Gateway between
East and West:

Harmonious
coexistence of
multi-culture



The Chinese Culture--Confucianism



The philosophy of Chinese ethics: Confucianism virtues of human nature, being a good person.

「仁」 Ren: Benevolence
「義」 Yi: Justice
「禮」 Li: Propriety
「智」 Zhi: Wisdom
「信」 Xin: Trust



(Bai, Jiang & Zhang, 2011; Tsai, 2010)



The European Culture



- Charity
- Humanity
- Interactivities
- Harmony

(Antunes, 2009)

When East meets West...

How students learn?





Research aims

- To explore the impacts of Chinese cultural values on cultivation of nursing caring behaviors to BSN students in Macau.



An example of program from
Kiang Wu Nursing College of Macau



Philosophy and Objectives

Cultivation of Personhood

Philosophy

To pass on Dr. Sun Yat-sen's philanthropic and beneficent spirit; to carry forward the Kiang Wu's spirit of caring and utter devotion as well as to develop an educational philosophy of *"From Personhood to Benevolence"*.

Objectives

To cultivate nursing professionals and workers of health sciences who believe in the philosophy of *"From Personhood to Benevolence"* and are able to create new knowledge, care for society and benefit the communities as much as being dedicated to the nation and human health.

Features

Strive for Competence and Integrity

Serve with Professionality and Care

Philosophy of Nursing Education: Mixed culture



- N for Nursing
- The shape of N also similar to the two combined Chinese characters of “Ren” (人 meaning person) in a mirror image and mutual reflection.



仁 Ren



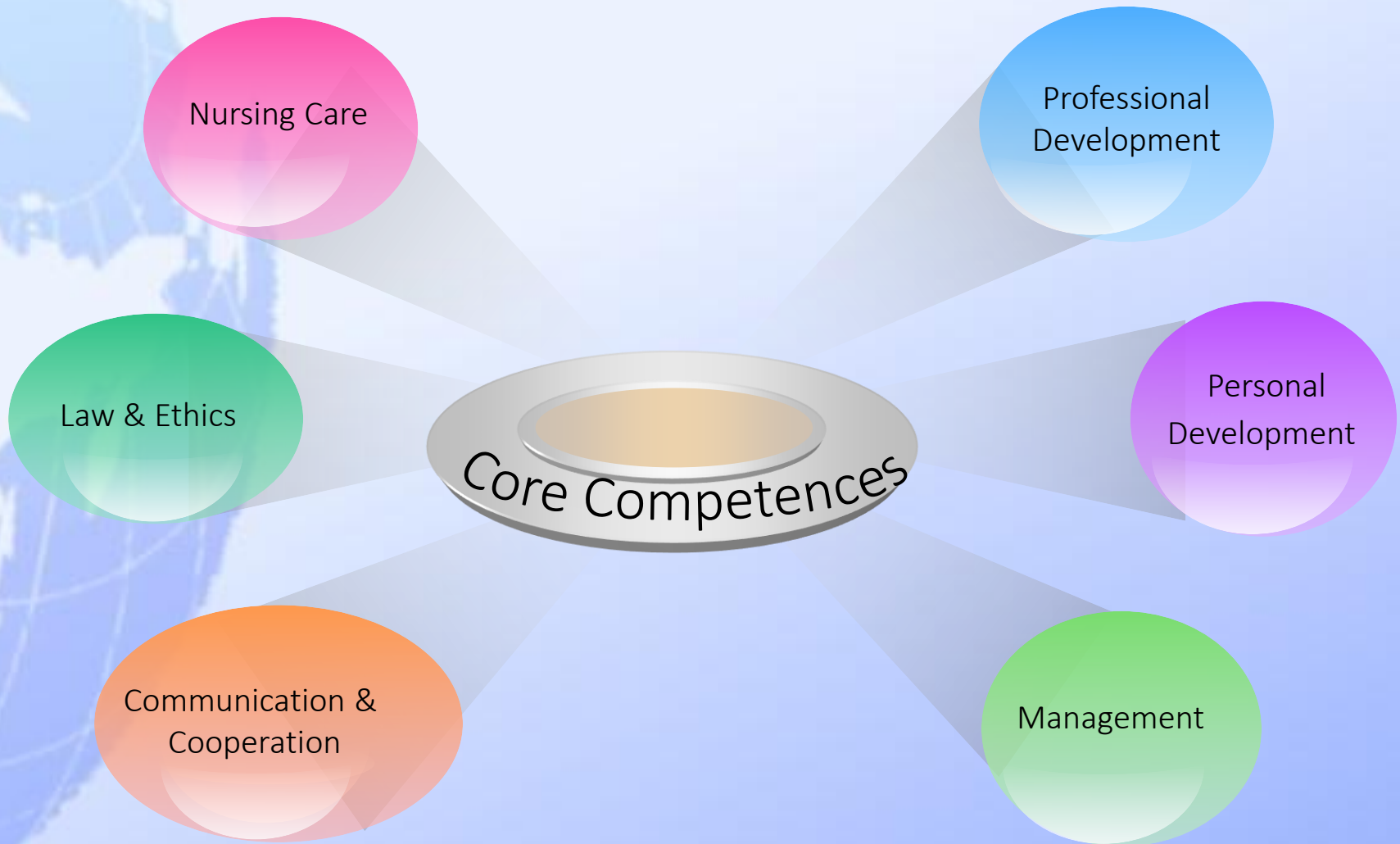
- The “***Ren-Ren***” signifies person to person relation and care arising from and formed between “***nurse and nurse/health worker***”, “***nurse and client***” and “***nurse and society***”. The “***Ren-Ren***” reflection also signifies the state of wellness in an ongoing dynamic process through human interaction and mutual support. In the course of people's mutual caring, it brings forth the core spirits of nursing, moving from “***personhood***” to “***benevolence***” and “***dedication***”.



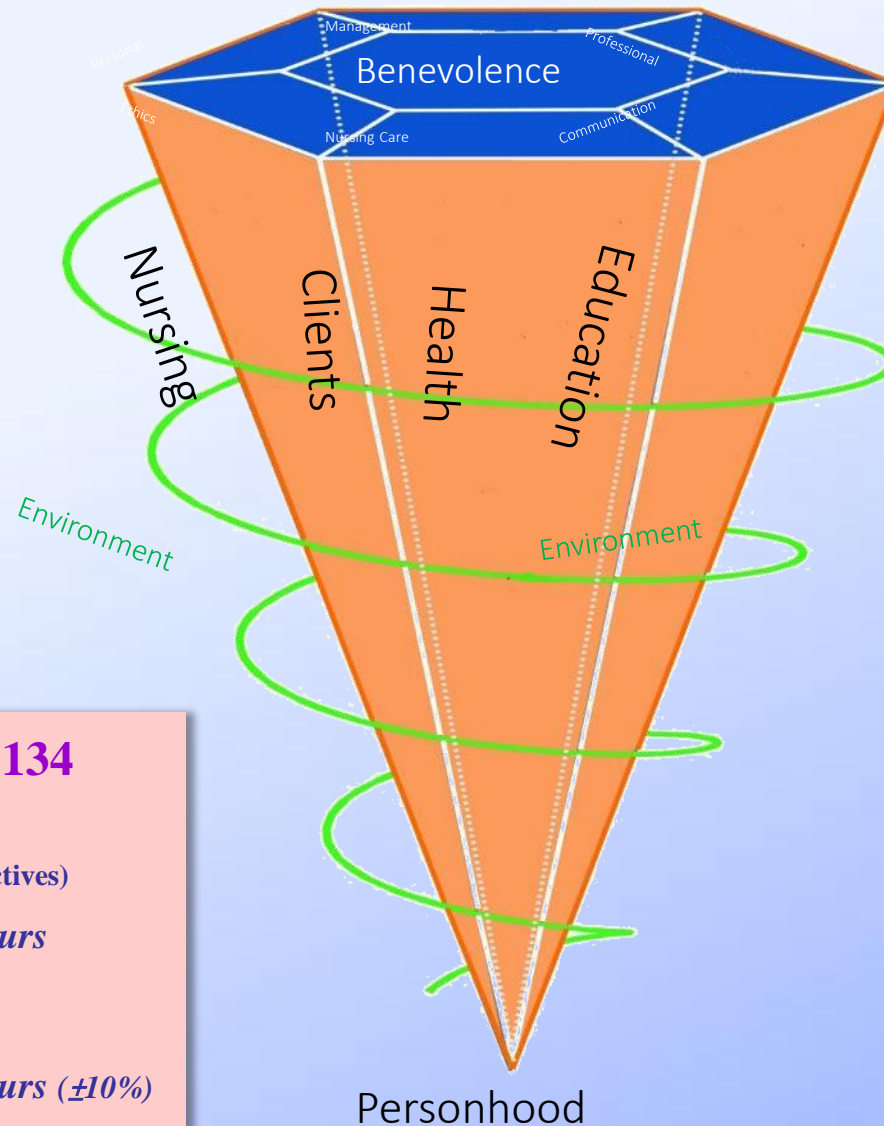
廈門鏡湖護理學院

XIAMEN XINGHAI NURSING COLLEGE
INSTITUTION OF NURSING

Objectives of Nursing Education



Bachelor of Science in Nursing Programme (BSN) Conceptual Framework

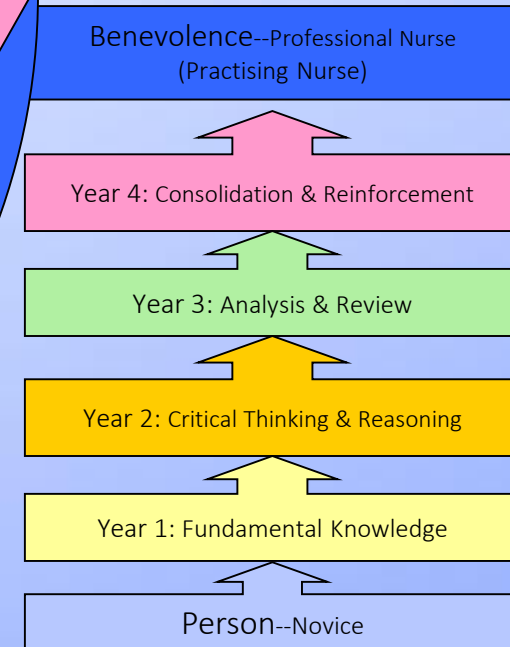
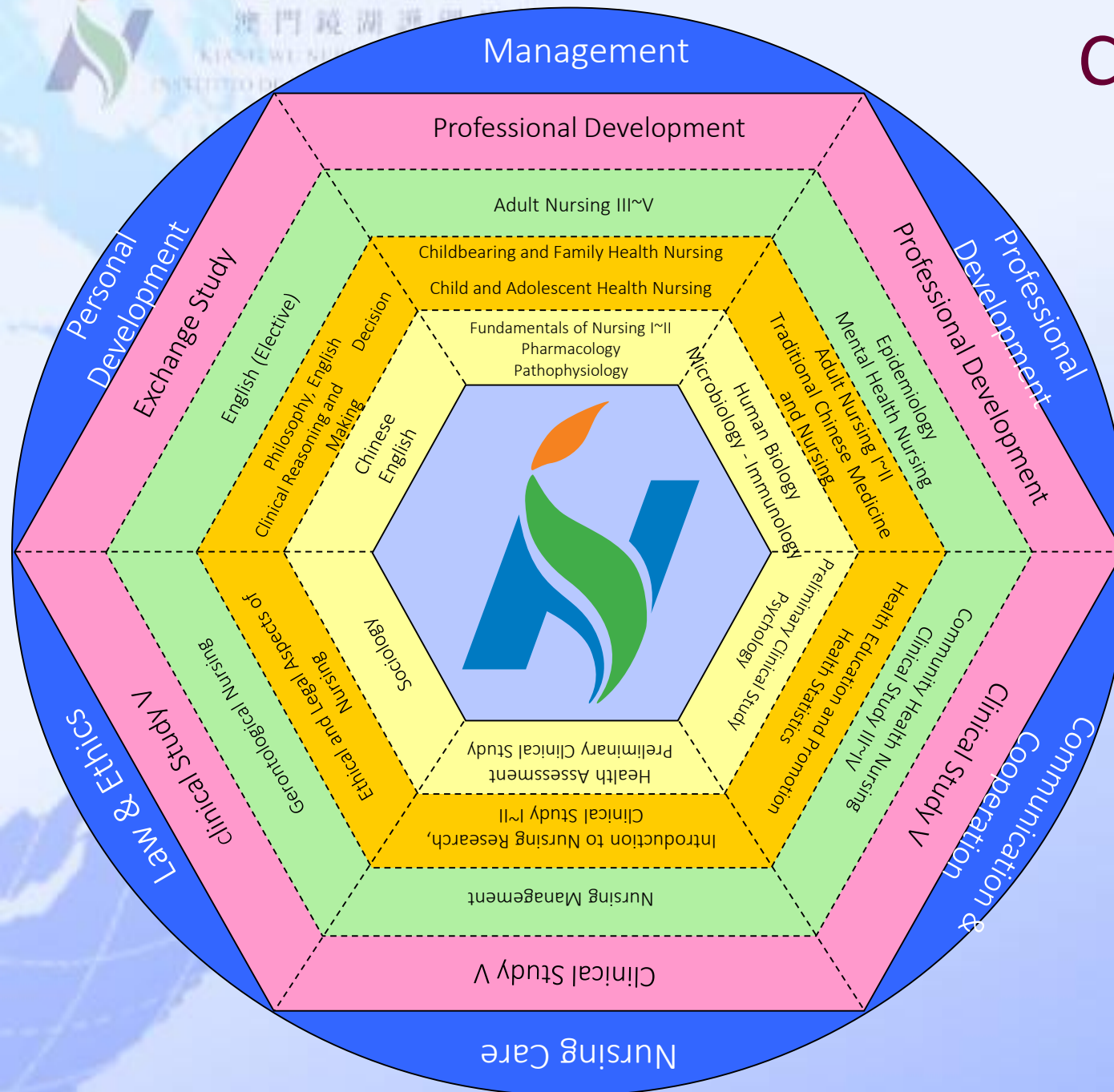


Total no. of credits 134

Theory 94 credits
(incl. 19 credits of electives)
1,125 learning hours

Clinical Study 40 credits
1,840 learning hours (±10%)

Curriculum Design





澳門鏡湖護理學院
KIANG WU NURSING COLLEGE
INSTITUTO DE ENFERMAGEM

Holistic Nurture of Students



Teacher-Student Competition Day



Theme Talk



Kiang Wu Cup Inter-University Debate Competition



Community Sports Day



廈門鏡湖護理學院
XIAMEN XINGHAI NURSING COLLEGE OF SHANGHAI

Continuation of the Benevolence Spirit

Service-Learning Activities

Cap Conferment Ceremony



Pinning Ceremony



Give health lectures in the community, elderly care centres and schools



Visit AIDs orphans in the Mainland



Organize Love Giving Activities

Integration of teaching, scientific researches and social services

Nursing Appliances Concept
Design Competition
Electro-cardiograph Ruler



Faculty members
join professional
associations



Students participate in
research projects



Problem Solving for Better
Health Workshop



Conduct cognitive
assessment for the
elderly



Methods

- Embedded approach
- Quantitative: self-administrative online questionnaire of Caring Behavior Inventory survey
- Qualitative: content analysis of students' clinical reflective journals



The caring behaviors of BSN nursing students

From quantitative approach

- Self administrated Caring Dimension Inventory (CDI) (Watson & Lea, 1997).
- All BSN students of four grades were invited to compete the anonymous questionnaire online at the end of the academic years between 2008/2009-2012/2013.

Results

Table 1. The perception of Nursing Caring Behaviors of BSN students in different academic years ($\bar{x} \pm s$)

	N	Mean	SD
Year 2007/2008	176	3.83	0.46
Year 2008/2009	181	3.94	0.39
Year 2010/2011	180	3.89	0.44
Year 2011/2012	182	3.88	0.52
Year 2012/2013	209	3.93	0.48

Results

Table 2. The perception of Nursing Caring Behaviors of BSN students ($\bar{x} \pm s$)

	N	Mean	SD
Year 1	320	3.89	0.49
Year 2	302	3.91	0.45
Year 3	258	3.85	0.43
Year 4	247	3.90	0.51

Results

Table 3. The highest and lowest scored items of Nursing Caring Behaviors of BSN students ($\bar{x} \pm s$)

Items	Year 1-4 Mean	Year 1 Mean	Year 2 Mean	Year 3 Mean	Year 4 Mean
The 5 highest scored items					
Being honest with a patient	4.40 \pm 0.68	4.52 \pm 0.63	4.40 \pm 0.65	4.32 \pm 0.69	4.34 \pm 0.77
Getting to know the patient as a person	4.40 \pm 0.71	4.50 \pm 0.70	4.37 \pm 0.66	4.31 \pm 0.72	4.40 \pm 0.75
Providing privacy for a patient	4.39 \pm 0.71	4.52 \pm 0.66	4.33 \pm 0.69	4.31 \pm 0.69	4.36 \pm 0.79
Measuring the vital signs of a patient (e.g., pulse and blood pressure)	4.33 \pm 0.77	4.44 \pm 0.71	4.38 \pm 0.75	4.21 \pm 0.80	4.34 \pm 0.84
Listening to a patient	4.27 \pm 1.44	4.42 \pm 0.47	4.24 \pm 0.68	4.22 \pm 0.67	4.16 \pm 0.71
The 5 lowest scored items					
Sharing your personal problems with a patient	2.79 \pm 1.06	2.82 \pm 1.07	2.83 \pm 1.07	2.68 \pm 1.06	2.82 \pm 1.04
Keeping relatives informed about a patient	3.40 \pm 0.95	3.40 \pm 0.96	3.30 \pm 0.98	3.45 \pm 0.88	3.44 \pm 0.97
Giving reassurance about a clinical procedure	3.62 \pm 0.73	3.66 \pm 0.75	3.58 \pm 0.67	3.63 \pm 0.70	3.62 \pm 0.78
Consulting with the doctor about a patient	3.63 \pm 0.88	3.55 \pm 0.99	3.59 \pm 0.91	--	3.69 \pm 0.77
Exploring a patient's lifestyle	3.68 \pm 0.77	---	--	--	3.59 \pm 0.77
Being technically competent with a clinical procedure		3.66 \pm 0.90	3.57 \pm 0.91	3.66 \pm 0.75	
Putting the needs of a patient before your own				3.66 \pm 0.81	

The caring behaviors of BSN nursing students

From qualitative approach

- Content analysis from reflective journals of clinical study of BSN students
- Both of these students are Chinese
- Time period: 2007/2008~2010/2011
- 97 reflective journals were reviewed; 88 of them were selected because the contents were related to Nursing Caring or 「仁」 (Ren).
- Both of these 97 reflective journals were edited and published into two books in 2008 and 2013, which are: *The Calling from Personhood to Benevolence* and *The Footprints from Personhood to Benevolence* .



Results

- The perspectives of nursing caring of BSN students are deep rooted cultivated with Confucianism and Chinese values of virtue.
- The data were analyzed and categorized into five themes to describe the nursing students' perspectives of clinical nursing caring behaviors.



Results

- Theme 1: 仁，推己及人 (Ren, Put oneself in the position of others)
- While students presencing themselves into clients' situations, they thought:

“nurse care for clients, ...help them to regain the values of life,...this interactive relationship achieves status of Ren...” (Lo, 2009)

“...after I finished that day clinical study and on the way to home, I thought: if I was the pregnant woman, how would I feel?...” (Wong, 2007)



Results

- Theme 2: 己欲立而立人，己欲達而達人
(While wishing to be established yourself, seeks also to establish others; wishing to be enlarged yourself, he seeks also to enlarge others)
- “...try to imagine if I was the old man, hands were being constrained, even could not eat, (I) would think that I was lost of dignity and freedom, how suffering was he (at that moment)!...” (Chu, 2009)



Results

- Theme 3: 格物致知 (To the utmost of knowledge by laying in the investigation of things)
- While students tried to provide and satisfy clients' needs, they reflected:

“...we have to re-think and observe (the client) continuously, ...in order to increase our ability on providing nursing care, promote quality of care, ensure client safety...” (Wong, 2007)

“...beside the personal commitment, (nurse) must own a certain level of knowledge and confidence before (he/she) said that (take the responsibility of client's wound care)...” (Wong, 2007)



Results

- Theme 4: 修身，嚴守道德的君子 (Self-cultivation of morality, act ethically as a superior man)
- In a Confucian philosophy of ethics it is believed that self-cultivation is the essential way to be a superior man, and the private goodness is the necessary condition to achieve public goodness (Chan, 2004).
- While students identified someone had presented the non-caring behaviors to client, they thought:
“...we can’t control others behaviors, however, I can take my own responsibilities to behave as a good and caring nurse, not following her ways of care...” (Ip, 2009)



Results

- Theme 5: 和諧、止於至善 (Harmony, to rest in the highest excellence)
- The harmonious relationships are valued highly by nurses in a Confucian ethics system (Yang, Chen, Chao & Lai, 2010).

“this is why people feeling nurses as angel, it is because we participate in the most important moments of others life, which are being born, getting old, being sick, and on the way of death. We provide love, caring,...this is the mission and value of nursing.” (leong, 2007)



Discussion

- From both quantitative and qualitative findings, the caring behaviors of BSN students are at a quite positive status.
- The findings from CDI showed that the students identify the caring behaviors while they participated to provide nursing care to clients.
- The results from content analysis of students' clinical reflective journals indicated that the Chinese Confucianism had paid an important role in the cultivation of nursing caring behaviors.



Conclusion

- The concepts of Confucianism are perfectly melting into the cultivation of Nursing Caring to Chinese students.
- 「仁」 (Ren) is the virtue of pursuing love and interactive with others, such as a process of value education.
- In the nursing education among Chinese, students perceives 「仁」 (Ren) is the core of Nursing Caring.

Macau--- The Melting Pot of East and West



Antoni
PHOTOSCRIPT

Summertime
this is Macau

Photo by: Antonius



Reference

- Antunes, F.P. (2009). Is Macau the paradigm of multicultural society? *Administration Magazine*, 84(22), 309-314.
- Bai, X.L., Jiang, Z.X., & Zhang, Y.M. (2011). Qualitative research on internal relations between nursing humanistic care and Confucianism. *Chinese Nursing Research*, 25(12B), 3302-3303.
- Beck, C.T. (2001). Caring within nursing education: a metasynthesis. *Journal of Nursing Education*, 40(3), 101-109.
- Chu, S. I. (2009). The death of scavenger: reflective on nursing caring. In Van, F., Ng, W.I., Lok, K.I. (2013). *The Footprints from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Chung, T. (2009). Valuing heritage in Macau: on contexts and processes of urban conservation. *Journal of Current Chinese Affairs*, 38(1), 129-160.
- leong, M. C. (2007). The value of angel. In Van, F. (2008). *The Calling from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Ip, N.I. (2009). Daily care permeate nursing caring. In Van, F., Ng, W.I., Lok, K.I. (2013). *The Footprints from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Kiang Wu Nursing College. (2007). The Philosophy, Objectives and Mission of Kiang Wu Nursing College of Macau. Retrieved from June 1, 2014, <http://www.kwnc.edu.mo/web/esubpage.asp?sel=1>



Reference

- Lamarca, F.J. (2002). *Macao's cultural significance and vision: are they, or can they be, compatible?* Paper presented at the meeting of the Cultural Institute of the Macao S. A. R. Government, Macau.
- Lee, J.C. & Fang, Y.Y. (2000). Caring: the core of nursing education. *The Journal of Nursing*, 47(3), 22-27.
- Li, S.H. (2013). An experience of cultivating caring behaviors for nursing students. *Leadership Nursing*, 14(4), 28-39.
- Lo, I. S. (2009). Need, and needs...In Van, F., Ng, W.I., Lok, K.I. (2013). *The Footprints from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Shihi, M.L. & Lee, T.S. (2012). Learning the art of caring: the experience of nursing students in their primary clinical practice. *Journal of Nursing and Healthcare Research*, 8(1), 44-51.
- Silva, R. (2002). Saving the uniqueness of Macao: the melting pot of East and West. ? Paper presented at the meeting of the Cultural Institute of the Macao S. A. R. Government, Macau.



Reference

- Tsai, D.F.C. (2010). Reflecting on the Nature of Confucian ethics. *The American Journal of Bioethics*, 10(4), 84-86.
- Van, F. (2008). *The Calling from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Van, F., Ng, W.I., Lok, K.I. (2013). *The Footprints from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Wang, S.C., Zhu, M.X., Chung, S.F. (2013). A survey on knowledge of caring behaviors of Macau nursing students. *Macau Journal of Nursing*, 12(1), 27-29.
- Wong, C.I. (2007). Benevolence and Caring: the practice of nursing. In Van, F., Ng, W.I., Lok, K.I. (2013). *The Footprints from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Wong, C, W. (2007). Pay attention to observation. In Van, F. (2008). *The Calling from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Wong, H. L. (2007). Personal commitment and confidence. . In Van, F. (2008). *The Calling from Personhood to Benevolence* (ed.). Macau: Kiang Wu Nursing College of Macau.
- Yang, W.P., Chen, C.H., Chao, C.S.C., & Lai, W.S. (2010). Bioethics education for practicing nurses in Taiwan: Confucian-western clash. *Nursing Ethics*, 17(4), 511-521.
- Zhu, M.X., & Van, F. (2008). Education thinking from “Humanity” to “Benignity” and setup of nursing courses and management mode. *Chinese Nursing Research*, 22(6A), 1491-1493.
- Zhu, M.X., Luk, A., & Deng, B. (2013). Comparing the basic core competencies of 3 group of Chinese nursing students and exploring related factors leading to their differences. *Macau Journal of Nursing*, 12(1), 1-6.



廈門鏡湖護理學院
XIAMEN XINGHAI NURSING COLLEGE OF SEACAI
INSTITUTO DE ENFERMAGEM XIAN WU DE XIAO AI



Thank you for your attention!