



Blended Learning for Nursing Education

Re-igniting the Nightingale
Lamp with ICT

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BSN-PB Program at Kwantlen

Launched in Fall 2012

1

Planning the Technological Landscape

2

Shaping Curriculum based on Relational Engagement, Critical Inquiry, Health Promotion

3

Nursing & Faculty Mentors, Faculty Development

Overview of the BSN-PB Program

Methods of Blended Delivery

Prepares students with a previous degree in 27 months

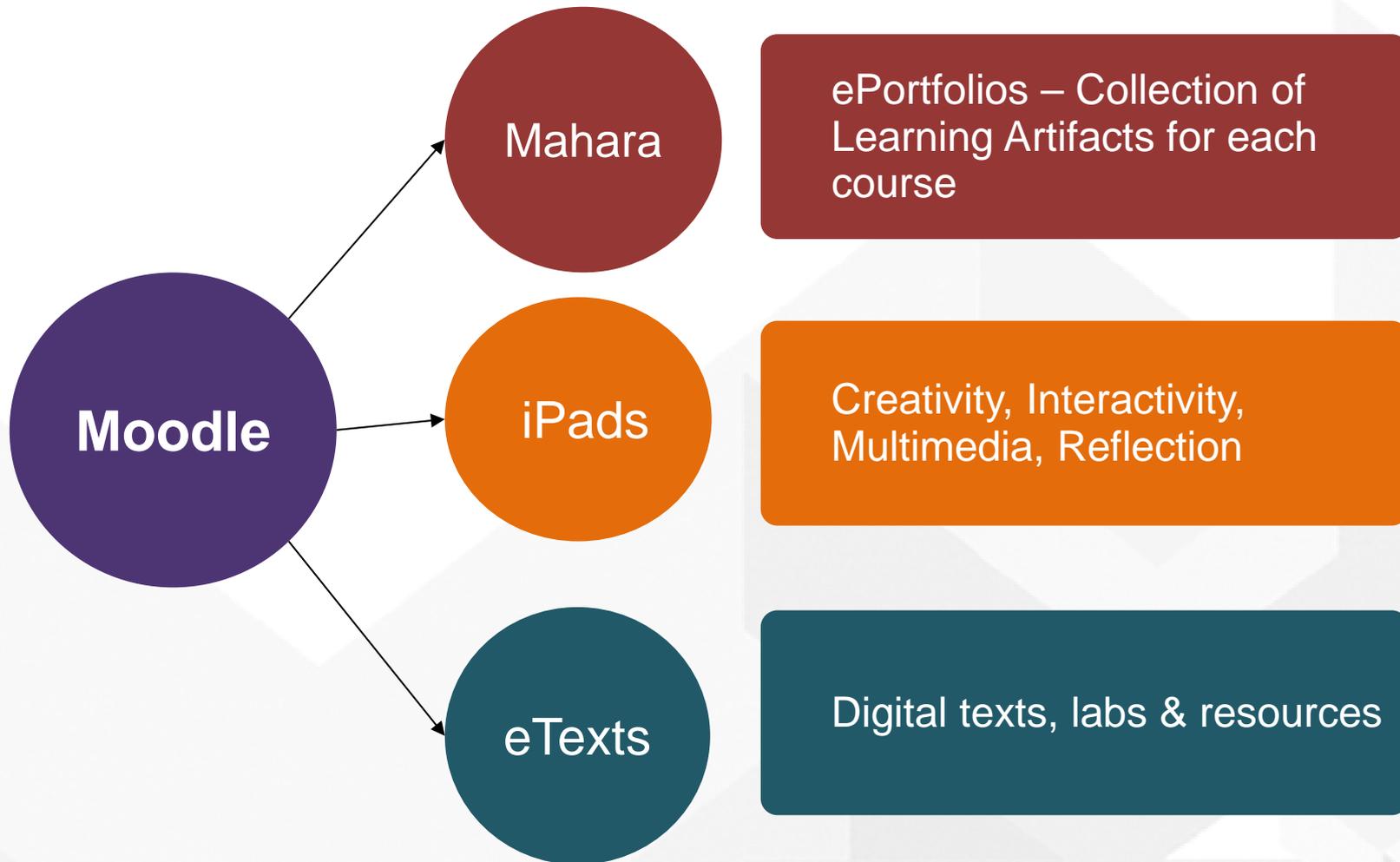
Includes two Residencies and two Capstone Practice courses
Strong use of High fidelity Simulation Labs to reinforce practice

All other courses are taken online

Other practice courses include Primary Health Care, Families
Content is richly enhanced with interactive & creative technologies

Technological Landscape

Multi-layered approach for enhanced Engagement



Curriculum & Pedagogy

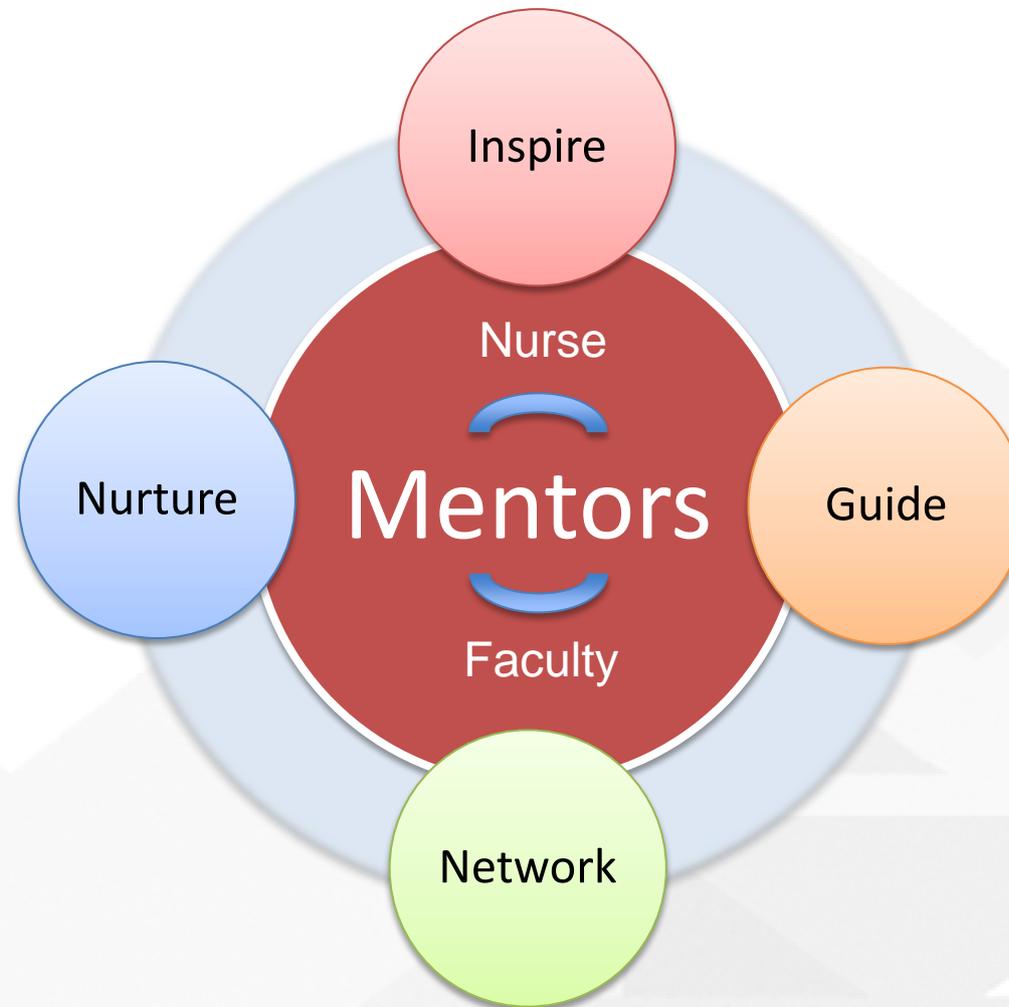
Major Course Themes

Most semesters have
courses from every theme



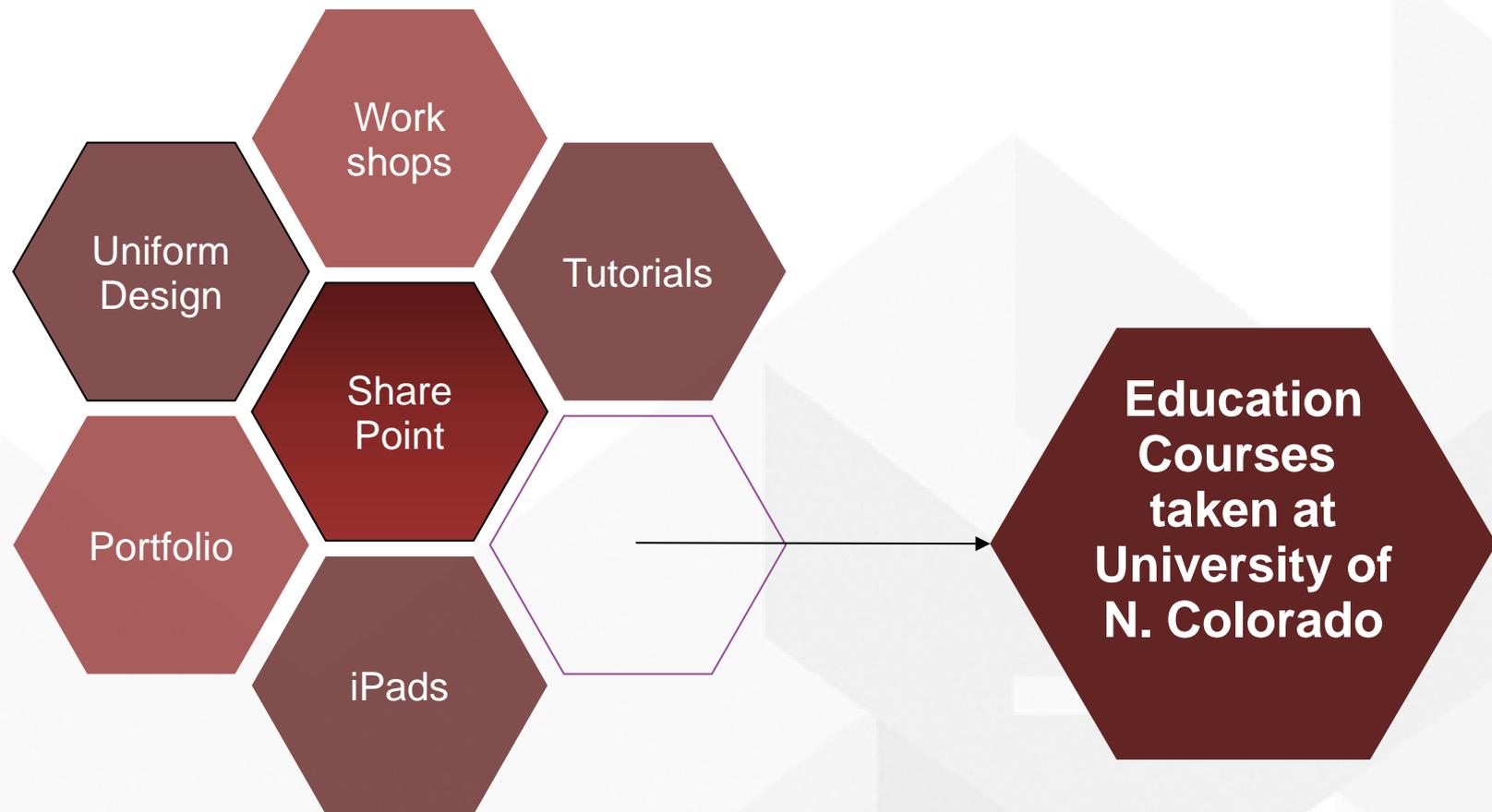
Importance of Mentors

Role Models, Social Support, Expert Guide

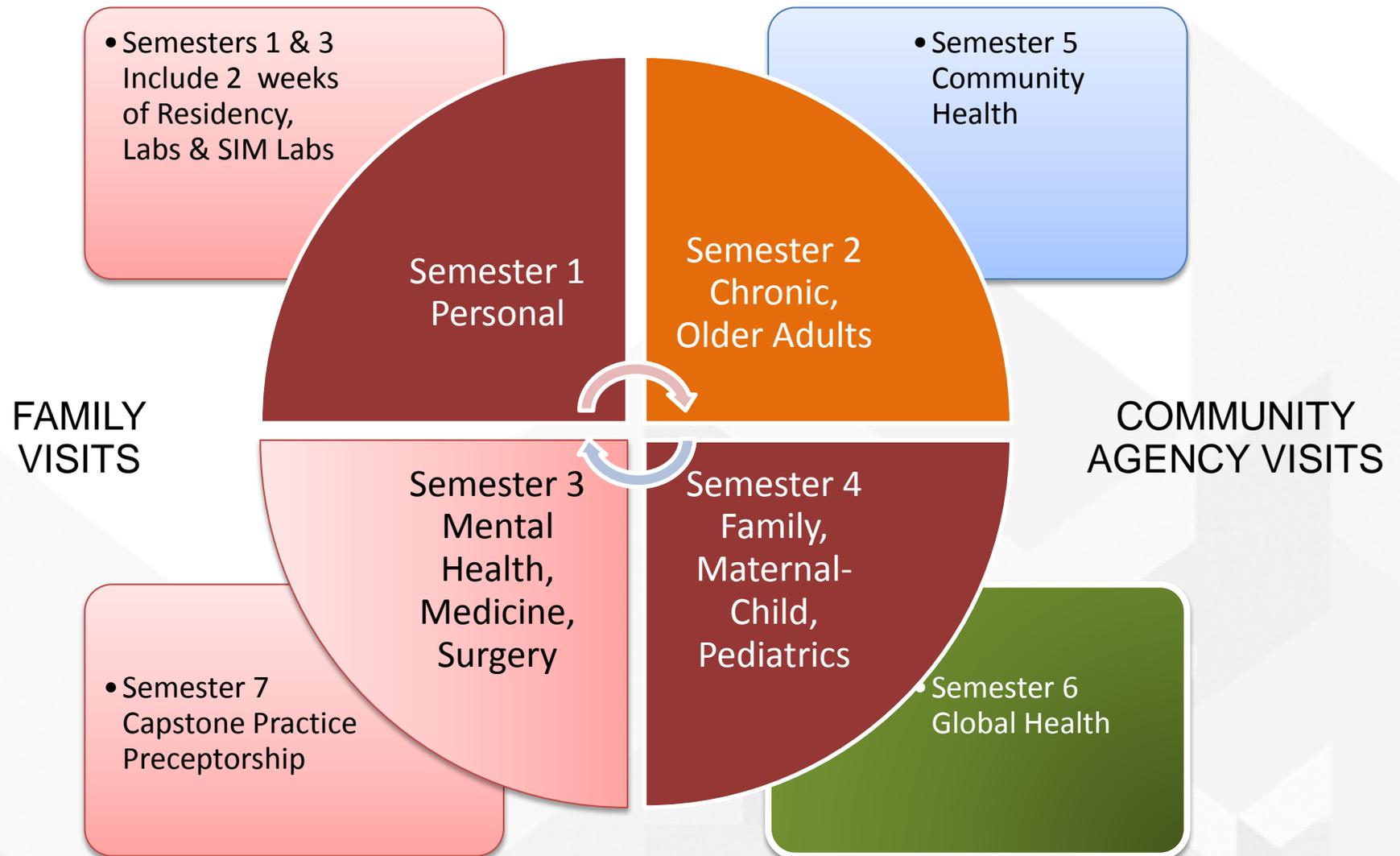


Faculty Development

Preparing for the Blended Teaching Environment



Practice & Residencies



Residencies include Lab Skills



Students can also attend Open Labs throughout the program

High Fidelity SIMs Lab Screen

The screenshot displays a software interface for a High Fidelity SIMs Lab. The main window is titled "Standard Man (1) @ localhost" and shows a patient's vital signs and respiratory parameters. The interface includes a menu bar with options like "Save", "Stop", "Logs", "Detach Tab", and "Recorder". The patient's current time is 04:00:33. The "Respiratory" tab is selected, showing a list of parameters and a "Breath Sounds" section with radio buttons for "Normal", "Wheezing", "Rales", and "Muffled". A volume slider is also present. A small anatomical diagram of a human torso is visible at the bottom left of the main window.

HR	MAP	C.O.
71	78	5.8
SpO2	Hct	Isch. Ibx.
98	42.30	1.73
ABP	PAP	CVP
116/51	28/14	9

Left Vol.	Right Vol.	Spont.VT
1024	1023	574
PACO2	PAO2	Spont.RR
39.0	111.1	10
Av. N2O	Av. Iso.	Av. Sevo.
0.0	0.0	0.0
Av. Halb.		Av. Ent.
0.0		0.0
PaCO2	pH	PaO2
38.2	7.45	105.3
PvCO2		PvO2
42.5		43.5
TBody	Weight	TBody
36.5	70.0	37.0

SIMs System Video Recording



iPads augment SIMS learning



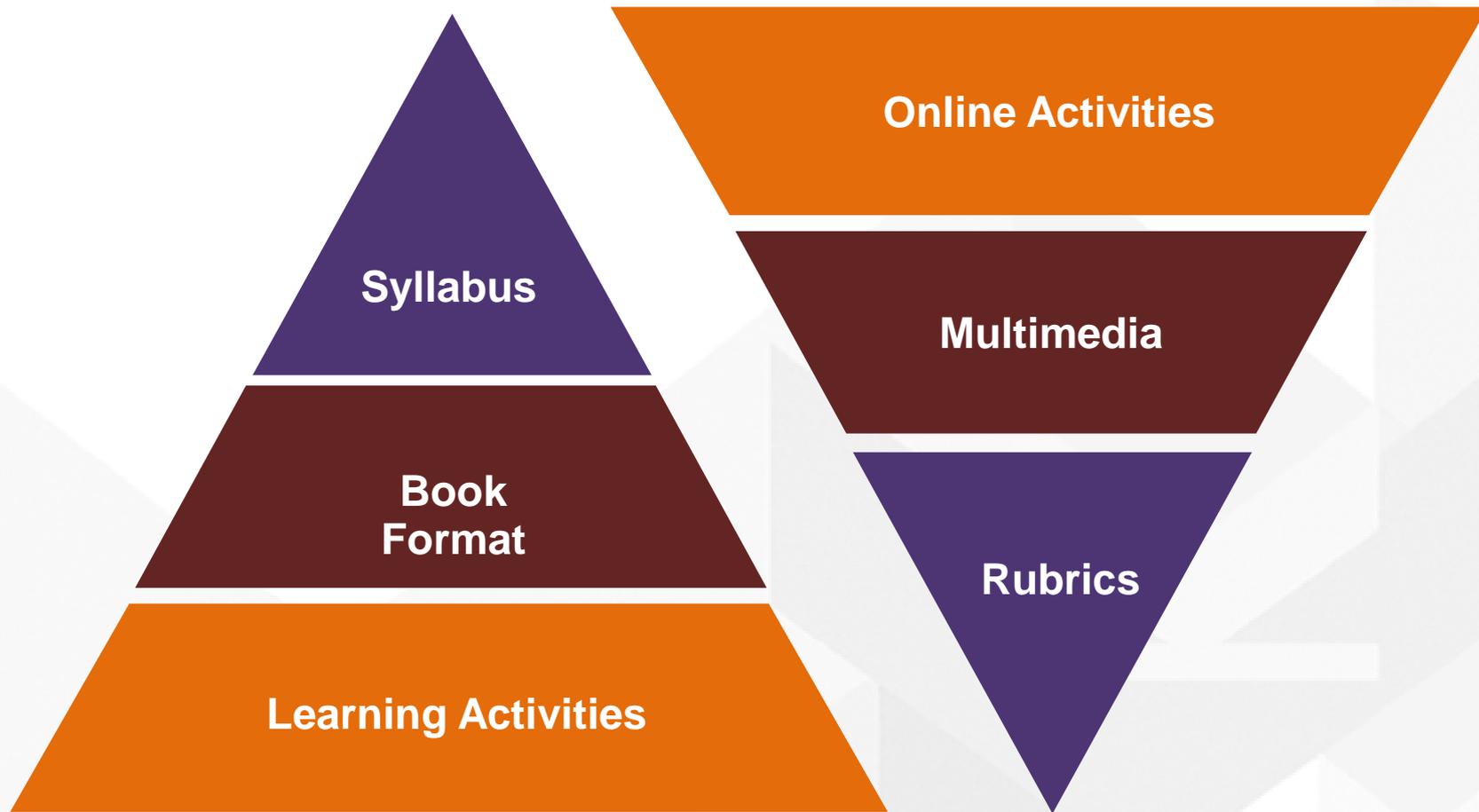
iPads support Practice & Praxis



- Student partners video-record practice skills on the performing student's own iPad
- Student reflects on own performance by watching the video recording in own time
- Partners discuss the recording and their reflections the next day

LMS – Moodle 2.4

Technological Foundation

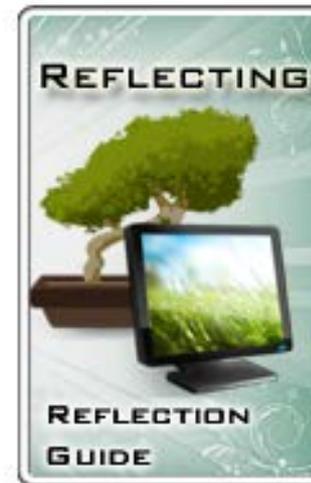
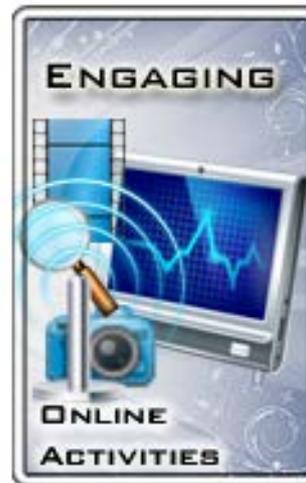


<http://moodle.org>

Learning Activities in Moodle

Learning Activity 1

Overview and Expectations



Interactive Activities

Supported in Moodle LMS



Creativity is a Key Focus



Visual of the Characteristics of Qualitative Research

Voice Thread adds Interactivity



Can respond
using mic,
text, or video

<http://voicethread.com>

Featuring Laurel Tien & Danielle Fransen

Educreations enhances Multimedia

Combines:

- Images
- Narration
- Text
- Drawing

On a White Board screen

educreations

Welcome, June

June Kaminski

Social Justice

Edit Lesson

The whiteboard screen contains several elements:

- Healthy Living**: Written in green cursive at the top left.
- Social Justice**: Written in blue sans-serif font below the title.
- Equity for all**: Written in blue sans-serif font at the top right.
- Images**: A green house with a plant, a blue scales of justice, a yellow sun, a woman in blue scrubs, a green tree, a baby, and a basket of fruit.
- Text**: "Is a core focus of nursing ethics" is written in blue below the scales of justice. "Social Determinants of Health" is written in red below the woman in scrubs.



by June Kaminski

Subject: Health / P.E.

Length: 0:31

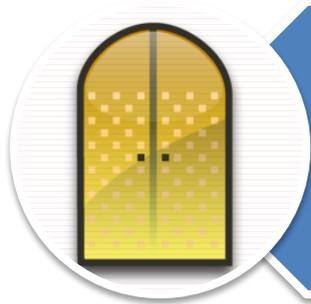
Created: July 28 at 1:32 AM

Privacy: Only you can see this

Share This:

<http://www.educreations.com>

Mahara ePortfolios support:



Reflective Learning



Personalized Learning



Lifelong Learning

<https://mahara.org/>

Photo Novella in Mahara

Moments of My World through the Photographic Lens by June Kaminski

Some of my photographs depicting images from my personal world and experiences.

The Mighty Fraser at Peace



Tranquil Fraser River at Kwantlen First Nations Lands

Cedar Harvest



Elder's Cedar Hat resting as we gather Cedar Bark for a new one!

Tools for the Sweatlodge



Cedar Brush and Water Ladle for tending the Sweatlodge

New Moon at Sunset



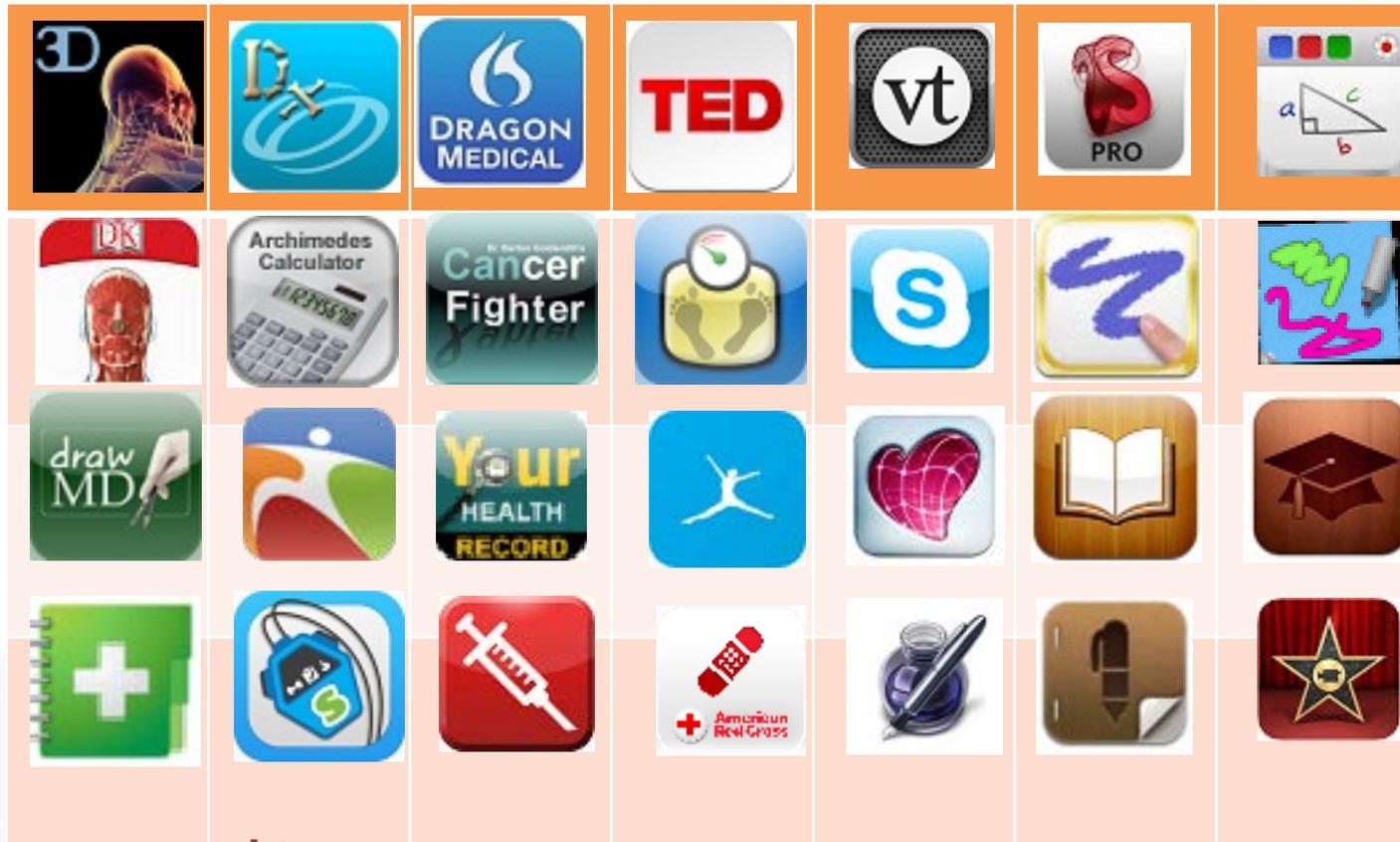
Come Sail Away...



The View from my Closet



iPads and Apps



Apps are used to:

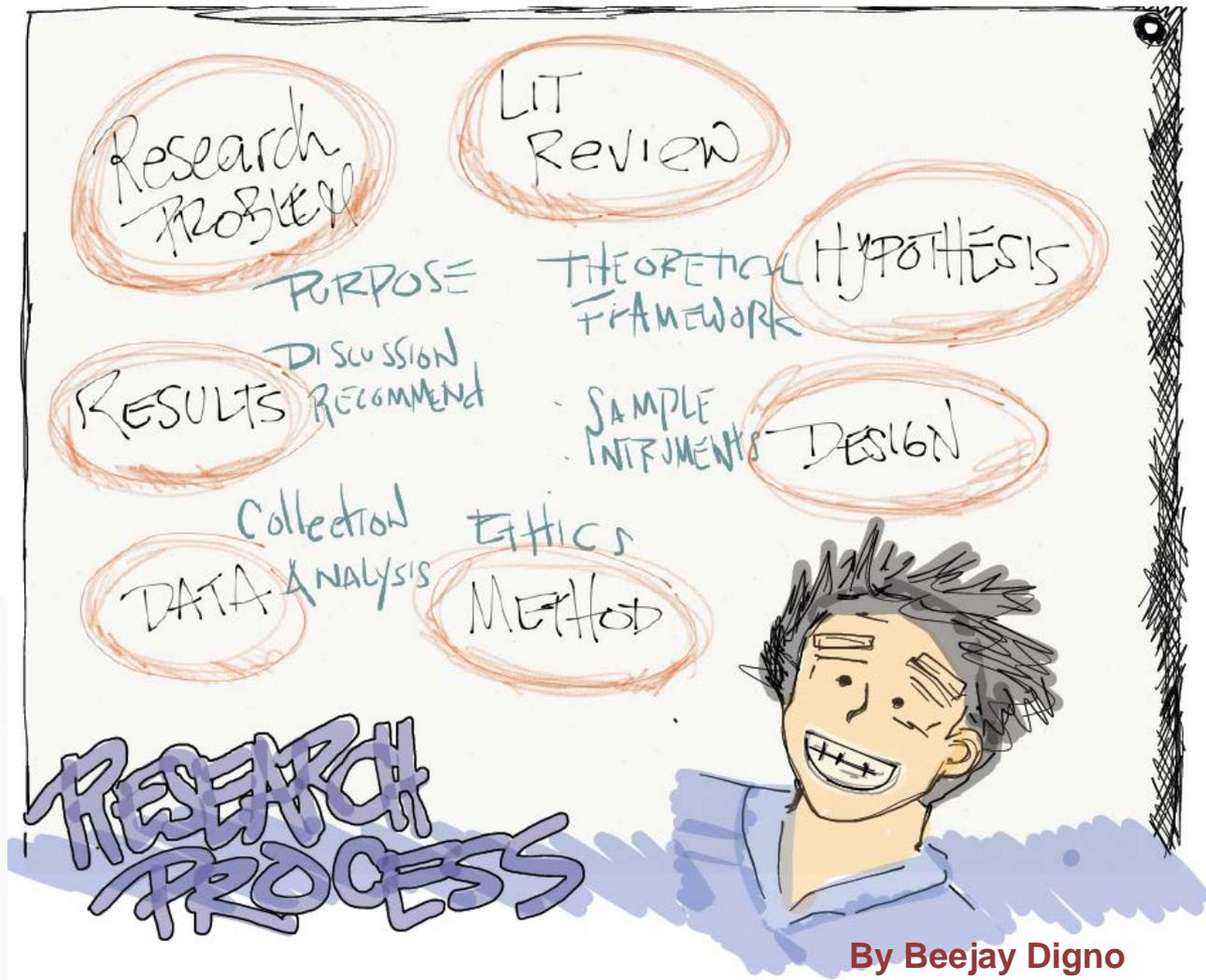
- Augment and enrich content
- Support creativity
- Facilitate interaction
- Personalize learning

<http://itunes.com>



Apps for Visual Conceptualization

- Multisensory learning
- Aesthetics
- Interactivity
- Creativity
- Experiential learning



By Beejay Digno

Apps for Theory Representation

'Quality of care is providing the right service (process), at the right time (accessibility), for the right effect(outcome), at the right price (cost-effectiveness) for patient satisfaction(acceptability). (Biem, 2004)

CONTINUITY OF CARE MODEL

Continuity of care is essential for quality of care but.

Characteristics: of the continuum of care

1. Contract
2. Collaboration
3. Communication
4. Convenience
5. Consistency
6. Contingency

Breaks in continuity of care

1. **Patient**: non-emergent, unresolved problem; rural residence; non-adherence; cognitive problems; lack of able caregiver; complex nature of service users mental health needs could be a barrier to providing continuity of care;
2. **Provider**: lack of providers; poor documentation;
3. **System**: limited access; fragmentation; communication failure, information systems;

Facilitators of continuum of care

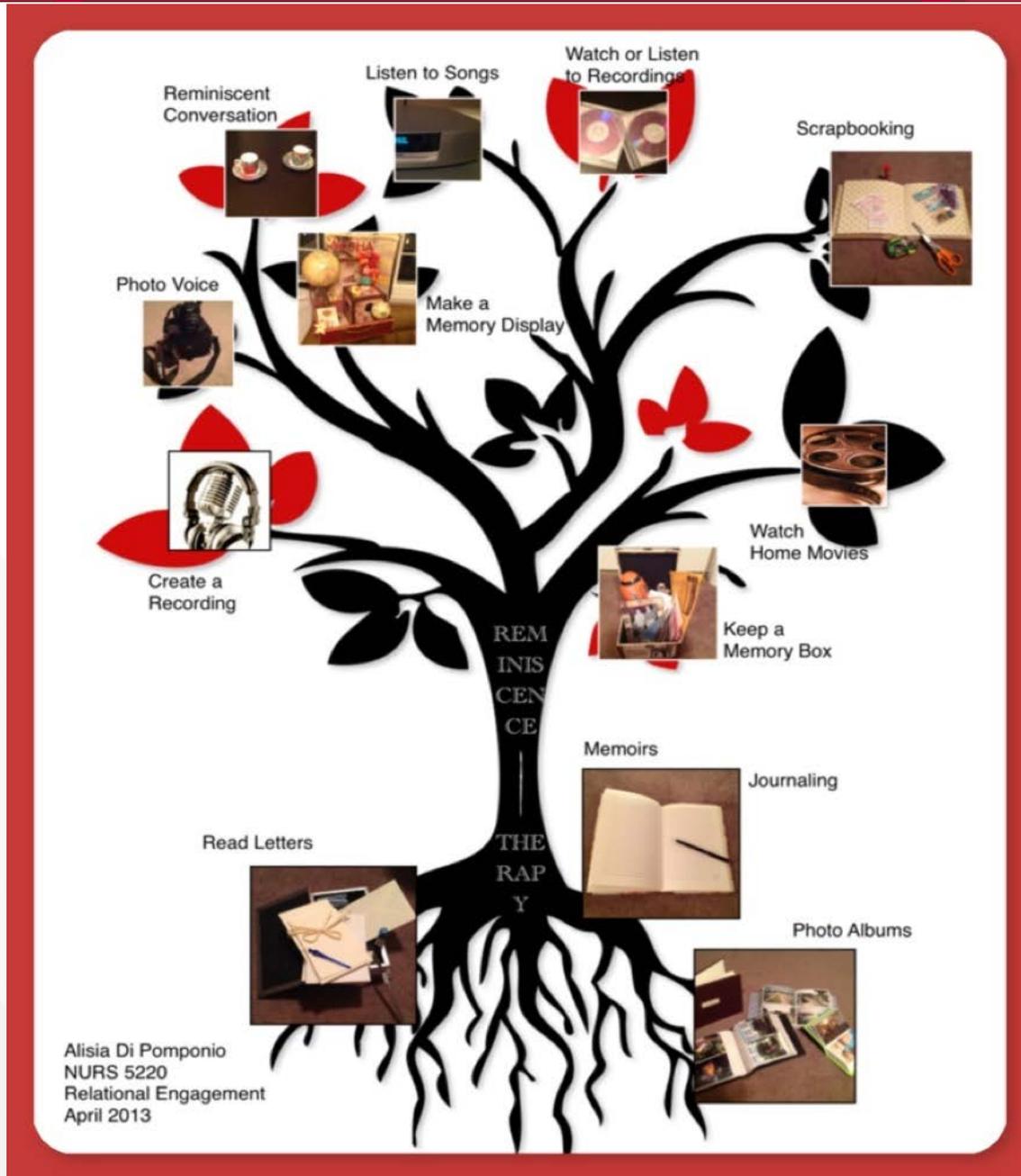
1. **Information continuum**: teamwork, communication,
2. **Relational, personal, therapeutic, and longitudinal continuity**: inadequate staffing levels, staff absences, and a resulting reliance on temporary agency workers
3. **Cross boundary and team continuity**: Positive experiences of teamwork support, leadership and decision making

About continuum of care

Improvements

	Information continuum - effective transfer of information and accumulated knowledge of a client	Management continuum - consistent and coherent approach to service provision	Relational continuum- ongoing therapeutic relationship between provider and client
	<ol style="list-style-type: none"> 1. Share information in real time and access to information on a regular bases; 2. Windows embedded devices connected in facilities are now on the network using database systems for managing 3. Online intelligence systems 	<ol style="list-style-type: none"> 1. Insurance companies should not interfere with management of patients 2. unnecessary changes in the management of patients management of patients 3. Continuity care document (CCD) is important for the patients and the health care provider 	Important psychologically and emotionally
	Improvements in Information continuum	Improvements in Management continuum	Improvements in Relational continuum
	<ul style="list-style-type: none"> • complete, concise, and legible medical records are essential • timely transmission of patient data and care plan between providers and settings • Guidelines and policies may improve informational continuity (e.g., routine telephone calls to family physicians at admission and discharge, etc.). • Electronic records systems and would like discharge summaries sent electronically. 	<ol style="list-style-type: none"> 1. Education enlists the patients and/or caregiver as a collaborator in carrying out the plan. 2. Integrated pathways are time-task care plans that co-ordinate the required tasks and track the expected outcomes, and disease management programs have dedicated personnel to co-ordinate care for specific conditions 	<ul style="list-style-type: none"> • convenient facilities staffed by regular healthcare providers would be ideal. • Telehealth may improve access to specialist consultation and allow regular follow-up. • improvements in workforce stability(reduced vacancy rates)

Apps for Therapy Modeling



Reminiscence Therapy
by Alisia Di Pomponio

Authoring iPad content on MAC

Coordinator engaged in the creation of iPad content productions using a MAC and apps e.g. **iBooks Author** to design multi-touch documents with embedded video, interactive graphics & diagrams, 3D objects, etc. to enhance learning, interaction and experiences.

<http://www.apple.com/ca/ibooks-author/>



Summary

Online Learning

- Enhanced with creative, interactive, content and productivity software, iPads, and apps
- Theory concentrated in online components of program
- Presence and expression encouraged by technology
- Family and community visits, research projects, mentors provide face to face contact

Residencies - Lab & Practice

- Labs enhanced with high fidelity simulations and iPad recordings
- Semester 3 and 7 are intense ten week hospital placement experiences, 40 hours/week
- Nursing skills are first taught online, practiced in labs in semesters 1 and 3, then applied in actual practice areas in 3 and 7.

Thank you !

Questions about the Program?

Questions?

Contact:
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Contact Us

Go to Website
for [More Information](#)

More Info