#### CAPE BRETON UNIVERSITY Cheryl Bartlett, PhD Institute for Integrative Science & Health

Assisting the transformative movement within Canada's health care system via "healthy living" (pillar #4) in the "Primary Health Care" strategy:

fostering capacity for creative relationship, creative choice, and two-eyed seeing

Cape Breton Health Research Symposium; 26 May 2006

**ABSTRACT:** September 2005 saw launch of the pan-Canadian awareness campaign re the Government of Canada's commitment to transformation in Primary Health Care (PHC) through four key pillars: health care providers working in teams; improved sharing of information among health care providers and patients; better access to health information and the right services; and healthy living (http://www.primaryhealthcare.ca/). This presentation will address "healthy living" inclusive of Aboriginal understandings, as has emerged within a colearning journey by university researchers and Mi'kmaq Elders during a community-based, participatory health research project in Cape Breton funded by the Canadian Institutes for Health Research - Institute for Aboriginal Peoples' Health (CIHR-IAPH). The project, entitled "Integrative Health and Healing: co-learning our way to expanding wholeness through restoration of relationships with the land", has sought ways to revitalize traditional Mi'kmaq understandings about inter-connectiveness in the cosmos, towards relevancy in the lives of today's children. I.e., the project chose to focus on projects thought to foster root level growth for healthy living and healthy communities by re-introducing creative relationship and creative choice as elements in the life paths of children. Funding to enable extension of the overall CIHR-IAPH project into action-based sub-projects for community youth has been provided by the IWK Health Centre Foundation, the Nova Scotia Health Research Foundation, and the Mounted Police Foundation. The presentation will mention sub-projects that sought to foster experiential understanding of creative relationship and creative choice via new awareness of language, story, self, and ecosystem. It will also explain the project within the larger context of "Integrative Science", an initiative that emerged at Cape Breton University and that is defined as "bringing together Indigenous (Aboriginal) knowledges and Western (mainstream, orthodox, or Eurocentric) knowledges". Mi'kmag Elder Albert Marshall of Eskasoni First Nation has offered Integrative Science the descriptive label of "two-eyed seeing" in reference to one of its core principles, namely that we must learn to see from our one eye with the strengths of the Indigenous knowledges and ways of knowing, and from our other eye with the strengths of the Western scientific knowledges and ways of knowing ... and, furthermore, that we must learn to use them together in our contemporary projects and community endeavours for the benefit of all. This "together" often requires a mindful "weaving back and forth between" the perspectives of Indigenous and Western knowledges, along with conscious efforts to avoid domination or assimilation. The project's core team suggests this is essential in order to move towards "healthier walking and working together" of Aboriginals and non-Aboriginals in Canada today, i.e. an issue of great relevance for many Canadians re PHC Pillar #4 but not one necessarily envisioned by those who drafted the strategy for transformation within Canada's health care system.





Stratégie nationale de sensibilisation aux **soins de santé primaires** 

[http://www.phc-ssp.ca]

- 1. Teams
- 2. Information
- 3. Access
- 4. Healthy Living

Sept 2005: launch of national awareness campaign of government commitment to transform "primary health care"

#### National Primary Health Care Awareness Strategy



Stratégie nationale de sensibilisation aux soins de santé primaires

#### Four Key Pillars



## 4. Healthy Living

... focuses on keeping individuals healthy, not just treating them after they have become sick. It's about managing chronic disease, preventing illness, and encouraging self-care. It is also about healthy communities and a healthy environment, and understanding that many factors outside of the health system influence an individual's wellbeing.

#### National Primary Health Care Awareness Strategy



Stratégie nationale de sensibilisation aux **soins de santé primaires** 

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## Integrative Health & Healing:

co-learning our way to expanding wholeness through restoration of relationships with the land

[funded: Oct. 2003 – Oct. 2006]





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# Toqwa'tu'kl Kjijitaqnn Integrative Science

#### Indigenous CAPE BRETON UNIVERSITY Western

## "bringing our knowledges together"

Artist Basma Kavanagh

## collaborative initiatives

# CAPE BRETON UNIVERSITY



UNAMA'KI INSTITUTE OF NATURAL RESOURCES





## Mi'kmaq Elders







## Go into a forest, you see the birch, maple, pine. Look underground and all those trees are holding hands. We as people must do the same.

(late Mi'kmaq Chief, Spiritual Elder, and Healer Charlie Labrador)





#### Go into a forest, you see the birch, maple, pine. Look underground and all those trees are holding hands. We as people must do the same. (late Mi'kmaq Chief, Spiritual Elder, and Healer Charlie Labrador)



## 11 LESSONS LEARNED: We need to learn to ...

- acknowledge we need each other
- acknowledge we are on a learning journey
- Iearn to "co-learn":
  - simple integrative framework
- help institutions to help us "legitimize" TK in the minds of youth (and many others)
- work with "living agendas"
- use other "organic language"
- <u>do</u> ... in a creative "grow forward" manner

# **11 LESSONS LEARNED:** (cont'd) We need to learn to ...

- think "knowledge gardening" more than knowledge translation or knowledge transfer
- weave back and forth between our knowledges, our world views, our stories
- navigate our weaving via awareness of "big patterns" (knowledge orientations or maps)
- make our knowledges, i.e. our stories, visual



Eskasoni First Nation

## integrative framework

#### both Indigenous and Western, plus:

- role of me and you in "the knowing"
  - e.g. patterns: recognition & transformation
- our common ground
- our differences (and respect them)
- our journey ... forward & together

AVOID ... simply Western plus bits and pieces of Indigenous

## "two-eyed seeing" our key concepts & actions

- respect
- relationship
- reverence
- reciprocity
- ritual
- repetition
- responsibility

- hypothesis

(making & testing)

- data collection
- data analysis
- model & theory construction

# "two-eyed seeing" our overall knowledge objectives



towards resonance of understanding within environment



towards construction of understanding of environment



creative relationship

analytic logic









Artist Basma Kavanagh







We need to stay connected to the earth ... ... and be able to work with Nature ... ... not be a "master over".

Artist: Rod Restoule from: Into the Daylight; C. Morrisseau, 1998



We are all interconnected.

from: Mi'kmaq Family and Children Services



# All our relations.



## Grandfather Sun

*from:* National Aboriginal Policy Research Conference, Ottawa, March 2006



Co-learning our way to expanding wholeness through restoration of relationships with the land



# Co-learning our way to expanding wholeness through restoration of relationships with the land





2. Biodiversity literacy



4. Mi'kmaq biocultural expression

3. Ecosystem health literacy



6. Integration of co-learnings into health care delivery systems



-G

5. Spiritual

connectedness

with the land



7. Extension of co-learnings into sustainable ventures

7 themes for action projects

## healthy children need stories & creativity ...











### ... and to learn relationships

#### puppets to explore stories and creativity ...



... and to learn relationships

puppets made from the Earth





Was Consuered. All numbers were made from n

## puppets for animals living in Mi'kma'ki

#### MI'KMA'KI

Native Council of Nova Scotia Mi'kmaq Language Program Artist: Michael J. Martin


### How Bullfrog Learns His Lesson

**Ending:** Bullfrog: I know now that I was selfish and caused much suffering. I was wrong.

### The Elders say:

- There's everything in the language that you want to know about yourself.
- There's something called the healing tense.

# THE HEALING TENSE ... an example

# <u>Mi'kmaq</u>

Ketkiayop Keskiayasa**nek** 

# <u>English</u>

I was drunk I was drunk

# The Healing Tense Heals

"[Bullfrog] has taken his misdeeds and placed them in front of him and walked around them, and said yes, I was there."

Mrs. Murdena Marshall, Mi'kmaq Elder, Eskasoni

... in conversation with Dr. Ivar Mendez, Director, Brain Repair Centre, Dalhousie University

# We Heal Together

"... when he goes into this healing tense, then my attitude has to change ... everybody in the household ... everybody ... has to abide with him."

Mrs. Murdena Marshall, Mi'kmaq Elder, Eskasoni

... in conversation with Dr. Ivar Mendez, Director, Brain Repair Centre, Dalhousie University



Toqwa'tu'kl Kjijitaqnn + Integrative Science

Bringing Together Aboriginal and Western Scientific Knowledges

### Mi'kmawe'k Tepknusetk



# Earth speaks: forest time



Toqwa'tu'kl Kjijitaqnn + Integrative Science

Bringing Together Aboriginal and Western Scientific Knowledges

### Mi'kmawe'k Tepknusetk

# Earth speaks: health indicators



### **ECOSYSTEM HEALTH CONSCIOUSNESS** Difference, Pattern, Variation

Toowa'tu'kl Kiijitaonn + Integrative Science

### Frogs of Unama'ki



**Green Frog** 

**Pickerel Frog** 

Northern Spring Peeper











### Mink Frog + Rana septentrionalis

Mink Freg is prese with many dark marking and is 4 – 7 cm long, the gers has common name from his mady solven: the walls like a mink. Mink Freg's ong sounds like preces of wood being rapped ogerher ..., TAP TAPI Wile identify freg live on lobal has and wares. Mink Freg spends most of his life in the wares: He prefers permanent bodies of wares like ponds and likes. Frende Mink Freg lays 2000 no 4000 eggs in a round jelly mass. This jelly mass is artached to an underware plan parton wallner gate sing. Mink Freg earts dragontlies, damsellite, water beefes, apheds, minnows, leeches, ends, millipedes, and quider.

MINK FRO

20

PICKEREI

L FROG

### Green Frog + Rana clamitans

### Pickerel Frog + Rana palustris

Pickerel Frog is light brown with many dark blotches on his back and log. He is 4 – 7 cm long. Pickerel Frog's song seands like somebody moring of like the sound of sumsone sidow pushing open a creativ, doer. . ARREP ARREP Fokkerel Frog lives on the above of ponds or likes, or on the banks of strams, softwaren above a signal constant, and the strate and softwaren softwaren las low ire mins fields, bogs, or damy woods. Fermel Pickerel Frog lay her eggs in a round jelly mass artached na splant or strick below the surface of the were. She can lay as many as 800 to 1800 eggs at a time. Pickerel Frog east beeles, arts, splerer, eatrogillans, sow bugs, mires, smits, tree bags, and many would sear cereatures.

### Eastern American Toad + Bufo americanus

Tool is a plump creation with stably toos and mongh warry data. He is smally how much with darks how one black matrings: Tool has a pick belly with data kyoos that become more distinct an night. Tool argue you be 3 - 1. In radius, Tool he is in marry different places, for example, in due works, near a young or lake, in a field, or even in your belly in the ground place in the works, near a young or lake, in a field, or even in your black and point a



Spring Peeper is our smallest frog: he grows to 2 - 4 cm long. We know that spring has arrived when we hear Spring Peeper singing a right. His song sounds like shiph PEEP Spring Peeper lives in the woods near ponds, marshes or swamps. He is our only tree frog and can change the colour of his skin to bland in with his Toqwa'tu'kl Kjijitaqnn + Integrative Science Bringing Together Aboriginal and Western Scientific Knowledges -

### Mi'kmawe'k Tepknusetk



Earth speaks: wholistic health lessons



# healthy young ... need TLC



# Medicine Wheel: lived relationships













### expanding wholeness



### expanding wholeness through restoration of relationships with the land

Artist: Rod Restoule from: Into the Daylight; C. Morrisseau, 1998

### Wjipenuk Etek Lnuimlkikno'ti Spirit of the East



Artist Basma Kavanagh

# creative choice

East (sunrise)

... a place of beginnings and enlightenment

... where new knowledge can be created or received to bring about harmony or right relations.

# Integrative Health & Healing:

- creative relationship
- creative choice
- two-eyed seeing





It is also about healthy communities and a healthy environment, and understanding that many factors outside of the health system influence an individual's wellbeing.



Artist Basma Kavanagh

National Primary Health Care Strategy
Pillar #4: Healthy Living

