## *"Etuaptmumk / Two-Eyed Seeing" Where Indigenous and Western Perspectives Meet*



### Albert & Murdena Marshall

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sity

presentation for

Mi'kmaq-Maliseet Institute Welcome to Our Talking Circle

Wolastoqiyik/Mi'kmaq speakers series 16 April 2014, University of New Brunswick, Fredericton

words of Elder Albert

















1990s ... almost no Aboriginal students in university (PSE) sciences (CBU & elsewhere)

MI'KMA'KI



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MI'KMA'KI

1990s: Murdena, what needs to happen to encourage more Aboriginal students to enter PSE science?





## Integrative Science



## Integrative Science

## our stories our sciences

Indigenous our worldviews Western

"bringing our knowledges together"

Artist Basma Kavanagh

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### a Guiding Principle for transcultural / transdisciplinary collaboration

LEARN ... to see from one eye with the best in the Indigenous ways of knowing, and from the other eye with the best in the Western (or mainstream) ways of knowing

## ... and LEARN to use both these eyes together for the benefit of all.

(words of Miøkmaw Elder Albert Marshall)



**WHY?** Because, when you force people to abandon their ways of knowing, their ways of seeing the world, you literally destroy their spirit and once that spirit is destroyed it is very, very difficult to embrace anything . academically or through sports or through arts or through anything . because that person is never complete.

But to create a complete picture of a person, their spirit, their physical being, their emotions, and their intellectual being õ all have to be intact and work in a very harmonious way.



Artist Gerald Gloade; Millbrook First Nation

**Today** Õ Mid maq and other Aboriginal youth are poised on the edge of two worlds.



**Today** Õ Mid maq and other Aboriginal youth are losing their cultural connections.



### And, yet ... we know that health (of individuals and communities) and transmission of TK are strongly related.



#### words of Elder Albert Marshall, LLD, Eskasoni First Nation

Ntua'q kinuk me'ki kina'masultinew aq wli nstmnew eptuaptasimkewey. Nuta'q wla etuapmkewey ankite'tm nej kulaman wen pipanikkesij kisi apognmuatisnu nsitmnew. Ta'nik teto'qi msitmu'k miamuj kekinamu'kik ta'n koqoewey. Etuaptimkewey, miamuj weji kmitu'tij mimajik, ta'n telukwek aq kepmite'tasin. Kejitu tetpaqi ewekasi'k wsitqamu ajiknatew kinuk keji'tuk mu wen newtite'lsin ta'n tijiw weji ka'qa'tun aq pasik nekm wtapesin. Nuta'q iknaq, pitui knajan aq wsitkamuk siawasinm nutaq elt kinamuan wulo'tmnew wsitqamu wjit na nemowk.

We need to embark on a co-learning journey of Two-Eyed Seeing in which our two paradigms will be put on the table to be scrutinized. We need to honestly be able to say that the essence, the spirit of our two ways, has been respected as we work to balance the energies of those ways. We need to put the two together, such that we have something so profound that we can sustain ourselves and at same time be very cognizant that our actions of today do not jeopardize the ecological integrity of area. Our actions have to be seen to be beneficial for people of the next generations.

# to get there ... we need to do this together, we need to **CO-LEARN**

#### Highlighting Elder Albert's words: "We, Together"

- Our knowledges and ways of knowing ... Indigenous and mainstream: we need to learn to see with the strengths of each and we need to learn to use them together, for the benefit of all people and the ecological integrity of the Earth.
- We need to embark on a co-learning journey in which our two paradigms will be put on the table to be scrutinized.
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#### **Compare Albert's words to Jeffrey Simpson's**

 (Globe & Mail; 21 Feb 2014; "Money alone cannot fix Aboriginal education") re First Nations Control of First Nations Education Act agreement signed in early February:
"... the big loser will be students, whose knowledge of basic science, math and other subjects will be so infused
with cultural appropriateness by these theorists as to handicap them, rather than assist them, in wider Canadian society."

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### **KEY CONCEPTS and ACTIONS**

- respect
- relationship
- reverence
- reciprocity
- ritual (ceremony)
- repetition
- responsibility
  - Indigenous

- hypotheses

(making & testing)

- data collection
- data analysis
- model & theory construction

Western











http://www.ihe.ca/documents/Aboriginal%20Roundtable%20Report.pdf

# "Etuaptmumk / Two-Eyed Seeing" 2014: in various locations across Canada Hudson Ba. O C E' 125 250 375 km ambert Conformal Conic Projection 2006. Her Majesty the Queen in Right of Canada, Natural Resources Canada.

## **KNOWLEDGE IS SPIRIT.** It is a Gift passed on through many people. We must pass it on.



Artist Gerald Gloade; Millbrook First Nation

## Elder Carolyn Gould (1919-2011)



**CEPI Workshop October 2004** 

Well, hurry up ... before we are all dead.+

request by Elder Carolyn and many other Elders

## Elder Gwen Bear (1948-2012)



#### MAWI WIQSONULTINE \* MAWI APO'QNMATULTINEJ \*

#### MAMU UAUITSHITUTUA LLONNATAIKAJUTTIGELAUTTA

LET'S ALL HELP EACH OTHER: A CONFERENCE ON ABORIGINAL COMMUNITY-BASED RESEARCH

MARCH 16-18, 2011 – CROWNE PLAZA HOTEL, MONCTON, NEW BRUNSWICK



APCFNC/AAEDIRP Elders Research Project 2010-2011

## Honouring Traditional Knowledge

Atlantic Canada 23 Elders Mi'kmaq Maliseet Innu Inuit

## THE ELDERS HAVE SPOKEN

## **ELDERS PROJECT REPORT**

http://www.apcfnc.ca/en/resources/HonouringTraditionalKnowledgeFinal.pdf

### APCFNC Elders Project: HONOURING TRADITIONAL KNOWLEDGE



ATLANTIC POLICY CONGRESS



#### ELDERS RECOMMENDATIONS

The following is the list of recommendations from the APCFNC Elders Project: Honouring Traditional Knowledge. It is an initial list concerning how Elders would like to be consulted when sharing Traditional Knowledge. Reading and acknowledging this list of recommendations should be considered a form of consultation with Atlantic Aboriginal communities.

- I. It needs to be recognized that Atlantic Aboriginal communities are losing their Elders, their languages, and their cultural knowledge very rapidly. Therefore, Aboriginal communities an leadership need to recognize the urgency and importance of working alongside Elders and learning from their Traditional Knowledge immediately.
- It is imperative that Elders be involved in all aspects of the territorial, cultural, linguistic, ecological, economic development, and social affairs of Atlantic Aboriginal communities. Elders are in a position to help prioritize what is most important because of their collective cultural knowledge.
- Traditional Knowledge should be woven into all aspects of Aboriginal community life, includ economic development, fisheries, health, social, law, environment, and education, etc.
- 4. Elders should be consulted in meaningful ways and have advisory roles for all Aboriginal community planning, development, implementation, and evaluation taking place. Meaningf involvement would include being members of steering committees and advisory committees that Elders have input into decision making.
- Traditional Knowledge must be shared and passed on before it is lost. The ways in which Traditional Knowledge is passed on need to be directed by the Elders from each territory.
- 6. An Elders Council, appointed by Elders, that would advise on matters related to the sharing of Traditional Knowledge, should be formed for the Atlantic region. The Council would advise of matters related to protocols and/or ethics and the best practices for the sharing of Traditional Knowledge as well as the best practices for working alongside Elders. This would include wo alongside Elders in all areas of community life and development including research.

The Elders Council, once formed, would engage in a process of co-learning with the Atlantic region universities to create a template for how the process of this knowledge transfer could o

 Elders should be involved in developing and approving educational curriculums related to Traditional Knowledge for Aboriginal community schools and provincial and post-secondary institutions in the Atlantic region.

Traditional Knowledge should be woven into the social studies, science, and language curriculums for primary and secondary schools in Atlantic Aboriginal communities. This we ensure proper and meaningful education for Aboriginal learners, enable the communities to develop a balance between western and Aboriginal learning methods, and better prepare Aboriginal children for their future paths.

Post-secondary institutions should be compelled to seek guidance from the Elders Council (described above in recommendation #6) to develop appropriate curriculums related to Traditional Knowledge for relevant post-secondary programming.

8. Each Aboriginal community needs to encourage the use of traditional practices, which are products of Traditional Knowledge. This would encourage younger generations to learn abou and respect traditional practices such as traditional laws, cultural and spiritual practices, lang learning, and practices related to hunting and fishing, food gathering, medicine, ecology, scie arts, and education.

To view the complete project, go to: http://www.apcfnc.ca/en/resources/HonouringTraditionalKnowledgeFinal.pdf

#### BACKGROUND

This property was marked restance or no other importance or denoting way cannot be proved in Both property the included in a commanity score-mix development projects and in research on Alternizing the process and outcomes for the project. The project was appoind by APOINC

nff and Resignate committy normbers. An a foundation for the work on screensk development mench, APGNP, songle galances from Altenic opposition. Eaker on how days work it is to be consulted here sharing Traditional Knowledge and Alsonginal work/blass. As part of the project, the Edlers have and edgit occommendations (nant page) concerning Traditional Knowledge and its importance.

The Atlantic Chiefs, having reviewed the eight recommendations at their r0<sup>®</sup> Annual General Meeting on September 20, 2014, support the recommendations par forward by Atlantic Region Effers as an All Chiefr Resolution R2011-14.

MOTIONED BY: Chief Mi'sel Joe, Mirwpalesk First Nation SECONDED BY: Chief Rederick Googoo, Waycobah First Nat DECISION: Reset by consernat DATE: Sementics on Just

HONOURING TRADITIONAL KNOWLEDGE COMPONENTS

#### Elders Mawio'mi August 2010

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This is an initial list of protocols and for ethics and just practices for the data ing of Traditional Encodedge and for working droughth Aduatic regime Elders in research. It contains communityband and successing maketing it. It is a firing deciment that will be added to see as anguing that is ingoing product deciments as too.



FOR MORE INFORMATION PLEASE CONTACT: Cilline Aren Memoria Conference Insertion Research Program, AAEDIEP ACTION INFORMATION INFORMATION INFORMATION ACTION INFORMATION INFORMATION INFORMATION INFORMATION ACTION INFORMATION INFORMATION INFORMATION INFORMATION ACTION INFORMATION INFORMATION

## **ELDERS 8 RECOMMENDATIONS**

Therefore it be resolved that the Atlantic Chiefs, having reviewed the recommendations at their meeting on 29 September 2011 hereby support the 8 recommendations put forward by Atlantic Region Elders as part of the APC Elders Project: Honouring Traditional Knowledge.



Atlantic Policy Congress Of First Nations Chiefs Secretariat www.apcfnc.ca



## **RECOMMENDATIONS: #1-4**

**1**. It needs to be recognized that Atlantic Aboriginal communities are losing their Elders, their languages and their cultural knowledge very rapidly. Therefore, Aboriginal communities and leadership need to recognize the urgency and importance of working alongside Elders and learning from their Traditional Knowledge immediately.

2. It is imperative that Elders be involved in all aspects of the territorial, cultural, linguistic, ecological, economic development and social affairs of Atlantic Aboriginal communities. Elders are in a position to help prioritize what is most important because of their collective cultural knowledge.

**3.** Traditional Knowledge should be woven into all aspects of Aboriginal community life, including economic development, fisheries, health, social, law, environment and education etc.

**4.** Elders should be consulted in meaningful ways and have advisory roles for all Aboriginal community planning, development, implementation and evaluation taking place. Meaningful involvement would include being members of steering committees and advisory committees so that Elders have input into decision making.
# **RECOMMENDATIONS: #5-8**

**5.** Traditional Knowledge must be shared and passed on before it is lost. The ways in which Traditional Knowledge is passed on, needs to be directed by the Elders from each territory.

**6.** An Elders Council, appointed by Elders, that would advise on matters related to the sharing of Traditional Knowledge, should be formed for the Atlantic region. The Council would advise on matters related to protocols and/or ethics and the best practices for the sharing of Traditional Knowledge as well as the best practices for working alongside Elders. This would include working alongside Elders in all areas of community life and development including research.

**7.** Elders should be involved in developing and approving educational curriculum related to Traditional Knowledge for Aboriginal community schools, provincial and post-secondary institutions in the Atlantic region.

**8.** Each Aboriginal community needs to encourage the use of traditional practices, which are products of Traditional Knowledge. This would encourage younger generations to learn about and respect traditional practices, such as traditional laws, cultural and spiritual practices, language learning and practices related to hunting and fishing, food gathering, medicine, ecology, science, arts and education.

# **EMPHASIZE:** We must bring Traditional Knowledge into the present so that everything becomes meaningful in our lives and communities.

Artist Gerald Gloade Millbrook First Nation













#### We need to embark on a co-learning journey of Two-Eyed Seeing in which our two paradigms will be put on the table to be scrutinized ... (words of Elder Albert Marshall) models adapted from Elder Murdena Marshall ohysical Knowledge ohysical Knowledge oersonal Connection Respect nowled od Know **Hypotheses** Love Language (Aboriginal) Language (*Mathematics*) Life & Land **Theories & Models** Indigenous Western "Etuaptmumk / Two-Eyed Seeing" Where Indigenous and Western Perspectives Meet





# **THE BIGGEST CHALLENGE**

is to bring together the strengths from both science and TK so as <u>NOT</u> to compromise the ecological integrity of Mother Earth words of Elder Albert Marshall We are entering an era in which what we had once considered to be obsolete is now coming back, and this is our understanding of the natural world as having kinship relationships and interconnectivity. The remembering and relearning will be a total transformation of understanding. We will have to invite the spirit of consciousness back into our daily lives so we are guided as per the way we initially were.



#### words of Elder Albert Marshall

We will need to do a lot of inner reflection. We have for too long been in a period of disconnect from our natural world and from our traditional ways. We have lost a lot of the stories that would normally flow as to how we would go about sustaining ourselves.



artwork by Gerald Gloade



# ra'ntelo'ltik

Our Mi'kmaw culture is built on long term vision and our decisions were made with the next Seven Generations in mind.

# ra'ntelo'lti'k

This is what we truly believe ... this is what reinforces our spirituality:

that no one being is greater than the next, that we are part and parcel of the whole, we are equal, and that each one of us has a responsibility to the balance of the system.



### Humans possess responsibilities. ALL OTHER SPECIES POSSESS RIGHTS.

### RESPECT REVERENCE RESPONSIBILITY RECIPROCITY

is living knowledge and adaptive knowledge

"sustaining ourselves" ... yes ... but really is a much richer concept: it is wholistic.

### RESPECT REVERENCE RESPONSIBILITY RECIPROCITY

... it takes you into a place where you are very conscious of how the human two-leggeds are interdependent and interconnective with the natural world ... this philosophy / ideology is so ingrained in your subconscious that you are constantly aware of <u>not</u> creating an imbalance.



#### **Co-existence**

### **Inter-dependence**

### **Community Spirit**

The laws of nature will need, in some cases, to supersede the man-made laws.



We need to use the tools from the man-made laws to assist the laws of Mother Earth ... that is the best we can do ... then we are living out our responsibilities. (words of Elder Albert Marshall)



One point consistently missed by Western investigators of TK is the significance of honor and responsibility in Indigenous traditions.

(words of Indigenous scientist and scholar Raymond Pierotti) Pierotti, R., 2011, pg. 15 & 17 in: Indigenous Knowledge, Ecology, and Evolutionary Biology. Routledge, New York

### We are all connected. (words of Elder Albert Marshall)

We live within interconnectivity. (words of Elder Murdena Marshall)

We have been here been here a long time .... sensitivities to eco-patterns and eco-relationships have developed over millennia

Indigenous knowledge emerges from careful long-term observations of natural phenomena.\*



Extent of ice 11,000 years ago. People lived at the Debert site sometime between 11,000 and 10,000 years ago.

information source: signage on Mid mawey Debert Interpretive Trail

\* Pierotti, R. 2011, p. 9 in: Indigenous Knowledge, Ecology, and Evolutionary Biology. Routledge, New York

*"Etuaptmumk / Two-Eyed Seeing" Where Indigenous and Western Perspectives Meet* 

We need to come together for the sake of our children and our communities. "Two-Eyed Seeing / Etuaptmumk" needs to be throughout all our educational systems.



IT'S OUR VISION, IT'S OUR TIME

to get there ... we need to do this together, we need to **CO-LEARN** 



#### A Clear Path Forward on First Nations Education

In December 2013, Chiefs-in-Assembly re-affirmed First Nations rejection of the Federal Government's October 2013 Proposal on First Nations Education and outlined a clear path forward, including five conditions for success.

How does that resolution compare with today's announcement?

Resolution 21/2013 ~ Outlining a Path Forward: Conditions for the Success of First Nations Education First Nation control of First Nation education Commitment to an Act developed with First Nations set enabling framework and statutory guarantee

December 11, 2013

February 7, 2014

#### AFN 2014 document:

#### **First Nations Control of First Nations Education**

re: Harper – Atleo announcement of

commitment / agreement at Kainai High School

on Blood Reserve, southern Alberta, 7 February 2014

http://www.afn.ca/uploads/files/education/a clear path forward on first nations education.pdf

Resolution 21/2013 ~ Outlining a Path Forward: Conditions for the Success of First Nations Education December 11, 2013		First Nation control of First Nation education Commitment to an Act developed with First Nations set enabling framework and statutory guarantee February 7, 2014
1.	Respect and recognition of inherent rights and title, Treaty Rights and First Nations control of First Nations education jurisdiction.	Fully respects and confirms First Nation jurisdiction, consistent with Treaties and inherent rights and title. There is also an agreement to joint development of regulations and supportive structures.
2.	Statutory guarantee of funding.	New funding will be invested and enshrined in statute for First Nations education, along with a predictable annual escalator to ensure funding will keep pace with the costs o quality First Nations education.
3.	Funding to support First Nations education systems that are grounded in Indigenous languages and cultures	Stable and adequate funding for school operations and recognition of First Nations control will ensure the centrality of culture and language in all First Nations schools. This agreement also provides funding to support the development and implementation of First Nations systems.
4.	Mechanisms to ensure reciprocal accountability and no unilateral federal oversight or authority.	This agreement commits to mutual accountability. Recognizing the principal of First Nations control and supports without federally imposed or unilateral oversight.
5.	Ongoing meaningful dialogue and co-development of options.	This agreement ensures that First Nations and the Government will work together to develop and confirm an enabling framework in law for the success of First Nations schools and students. This includes being fully engaged in the co-development of mechanisms and regulations moving forward.

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#### The Assembly of First Nations

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How does that resolution compare with today's announcement?

3.

version: 7 February 2014

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#### A Clear Path Forward on First Nations Education

#### What does First Nations Control of First Nations Education mean?

First Nations control means that First Nations are able to exercise their inherent right to education by developing their own policies and laws to provide linguistically and culturally-appropriate education that meets the individual and collective needs of their learners.

First Nations lifelong learning is a process of nurturing First Nations learners in linguistically and culturally-appropriate holistic learning environments that meet the individual and collective needs of First Nations and ensures that all First Nations learners have the opportunity to achieve

their personal aspirations within comprehensive lifelong learning systems."

- First Nations Control of First Nations Education (2010)





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above extracted from page 1 of AFN backgrounder http://www.afn.ca/uploads/files/education/back grounder first nations education funding.pdf for 7 February 2014 agreement: A Clear Path Forward on First Nations Education

http://www.afn.ca/uploads/files/education /3. 2010 july afn first nations control of first\_nations\_education\_final\_eng.pdf

document











### *"Etuaptmumk / Two-Eyed Seeing" Where Indigenous and Western Perspectives Meet*









### Albert Marshall, Elder, LLD Murdena Marshall, Elder, LLD



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