

February 7, 2017

To: Sen. Dave Hansen  
State Senator  
Room 106 South  
State Capitol  
Madison, WI 53707-7882

From: William A. Swenson, Jr.  
4301 10th Street  
Menominee, Michigan 49858

Re: *CBD oil program for Wisconsin residents*

Dear Senator Hansen:

As I understand from news accounts, the bill to legalize the possession of cannabidiol (CBD) oil is likely to pass and become law. What are the chances you could support a program that would allow Northeast Wisconsin Technical College (NWTC) students at the Marinette campus to grow the high CBD strains of marijuana and turn it into CBD oil as a part of the NWTC Herbs & Health class in a facility in Menominee, Michigan which is right on the Wisconsin/Michigan border? NWTC's website says:

*10-090-130 HERBS & HEALTH... explore various herbs; their unique properties, role in history, medicine, food and other traditional uses. Examine growing practices, harvest, and preservation. Make organic preparations; i.e., tea, infusions, tinctures, and salves. Course Typically Offered: Fall*

<https://www.nwtc.edu/programs/fields-of-interest/agriculture-food-and-natural-resources/agribusiness-systems/sustainable-food-and-agriculture-systems> (Click on "What will I learn?")

From a facility operated in Menominee, NWTC students would be able to supply a good quality CBD oil they've grown and processed at a very reasonable price to those who need it in Wisconsin. This would be both a community service and an educational opportunity for the students. Some of this CBD oil could also be sold in the Menominee area. I checked with medical marijuana providers in Menominee, but could not find any who sold CBD oil. However, two dispensaries operating in the Lansing, Michigan area do advertise it on their websites. See *Nature's Alternative*, at <http://www.naturesalternativeclinic.com/cannabiotix>, and *Kush Cafe*, at <http://www.kushcafelansing.com/medical-marijuana-menu> (look for Cannatonic #4). Apparently, the THC products are more popular than CBD.

With more States adopting medical marijuana laws every year, more job opportunities are opening up in this new and emerging field of natural health. Having Wisconsin residents learning the medical marijuana business through on the job training from a recognized Wisconsin educational institute, would make it easier for Wisconsin to quickly transition into a medical marijuana State when it's finally decided it's time to do so. Much knowledge could be gained from such a preparatory operation.

In the Marinette area, we have Professor Renee Richer, a Harvard trained Botanist, who teaches biology and conducts research on cyanotoxins that are linked to neurodegenerative diseases such as ALS, Alzheimer's and Parkinsons at the University of Wisconsin - Marinette Campus. She might be interested in helping out with such a program. Recently she gave a lecture on neurological health and water quality at the Marinette campus. See attached news article *Neurological Health and Water Quality*. The United States government has recognized CBD as being a neuroprotectant and as useful in the treatment and prevention of neurodegenerative diseases in its patent on *Cannabinoids as antioxidants and neuroprotectants*. See attached page 1 of the patent. (This was also mentioned in the attached article entitled *Can cannabidiol ease NFL's concussion problem?* appearing on the WBAY website) From Professor Richer's lecture, Northeast Wisconsin has a higher rate of ALS than the rest of the State. See page 17 of the attached PowerPoint she used for the lecture.

CBD is also useful for treating a variety of medical conditions including addictions such as alcoholism. See attached *What is CBD?* Canadian researchers studying CBD for its potential in treating addictions have found CBD to be safe.

See attached *Cannabidiol as an Intervention for Addictive Behaviors: A Systematic Review of the Evidence*. I believe a holistic approach utilizing CBD with the lifestyle change ideas of Dr. Roger Walsh will work the best at preventing and treating disease. See attached webpage *Lifestyle Change*. Students could be taught these ideas and how to teach them to CBD customers.

Anything you can do will be greatly appreciated.

Sincerely,

*William Swenson*

*Nature's Alternative*

<http://www.naturesalternativeclinic.com/cannabiotix>

*Kush Cafe*

<http://www.kushcafelansing.com/medical-marijuana-menu> (look for Cannatonic #4)

*Neurological Health and Water Quality*

<http://cannabisasmedicine.info/Letters2/newsarticle.pdf>

*Cannabinoids as antioxidants and neuroprotectants*

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=6630507.PN.&OS=PN/6630507&RS=PN/6630507>

*Can cannabidiol ease NFL's concussion problem?*

<http://wbay.com/2016/03/09/can-cannabidiol-ease-nfls-concussion-problem/>

Professor Renee Richer PowerPoint (see page 17)

<http://cannabisasmedicine.info/Letters2/ProfRicherLecture.pdf>

*What is CBD?*

<https://www.projectcbd.org/what-cbd>

*Cannabidiol as an Intervention for Addictive Behaviors: A Systematic Review of the Evidence*

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4444130/>

*Cannabis & Lifestyle Change*

<http://cannabismedicine.info/8TLC/index.html>

*Marijuana Research Supports Its Safety and Benefits*

<http://articles.mercola.com/sites/articles/archive/2015/05/16/research-supports-marijuana-benefits.aspx>