

Project Head, Neck, Spine Update
STBIAB Meeting on 5/22/19

Six schools utilizing curriculum:

- Three high school and three middle schools
- Four on Oahu
 - 3 Honolulu (Middle N = 275; High N = 18)
 - 1 West Oahu (High = 131)
- Two on Maui (Middle N = 114; High N=135)

Data:

- 7 instructors
- Total students N = 673
 - Average summary score of 80.2%
 - 470 done with module 4 (half-way)
 - Average summary score of 83.6%
 - 343 complete
 - Average summary score of 85.9%
- Pre- and Post-test data
 - Pre-test average of 55.1%
 - Post-test average of 77.2%
- Module average scores
 - All above 80%, except for Module 2 (74%) and 3 (78%), which are a bit more technical (i.e. parts of brain and parts of spinal cord)

Other:

- Presented the HNS curriculum with vendor table at the HAHPERD Conference in April.



**Hawai'i Neurotrauma Registry Project Report
for the State Traumatic Brain Injury Advisory Board
May 22, 2019, 1:30 — 4:00 pm**

Report Outline

1. Activities and Information and Referrals Summary Tables
2. Registry Recruitment and Variables
3. Community Outreach – Events, Presentations, and Meetings

The three main goals of the Hawaii Neurotrauma Registry Project are:

1. Recruit Hawaii residents on all islands and of all ages with neurotrauma injuries to take a voluntary survey on their injuries and post-injury needs and circumstances
2. Provide education to the general public and professionals on all islands about neurotrauma injuries and the Registry
3. Offer Information and Referral services to Hawaii residents with neurotrauma injuries and their family members, caregivers, and other supports

Information gathered from the surveys assists the Department of Health in identifying the community supports and services needed by neurotrauma injury survivors, helps to educate service providers, and helps to develop safety and prevention plans and policies.

Registry Recruitment

Year	Time Period	Number of Unique Persons
1	March 21, 2013 – March 20, 2014	40
2	March 21, 2014 – March 20, 2015	57
3	March 21, 2015 – March 20, 2016	43
4	March 21, 2016 – March 20, 2017	55
5	March 21, 2017 – March 19, 2018	52
6	March 20, 2018 – March 19, 2019	61
7	March 20, 2019 – May 13, 2020	3
	Total	311

Variable	Attribute	Number N=311
Gender	Males	154
	Females	161
	Missing	2
Who completed the survey	Person with NT injury	65
	HNTR Staff	30
	Spouse / Partner / Significant Other of person with NT injury	13
	Parent of person with NT injury	9
	Child of person with NT injury	6
	Sibling of person with NT injury	2
	Other	4
Location	Oahu	265
	Hawaii	36
	Maui	11
	Kauai	4
	Molokai	1
	Washington State	1
	Missing	1

Traumatic Brain Injury (TBI)	Includes first, second, or third TBI, concussion, or head injury	170
Acquired Brain Injury (ABI)	Includes first, second, or third ABI	32
Stroke	Type not distinguished	12
Stroke – Hemorrhagic	Includes first, second, or third hemorrhagic stroke	48
Stroke – Ischemic	Includes first, second, or third ischemic stroke	89
Transient Ischmic Attack		4
Spinal Cord Injury	Includes first, second, or third SCI	47
Missing		3
Other		14

Community Outreach

Events, Presentations, and Meetings – March 2019:

1. Brain Injury Association of Hawaii
2. Occupational Therapy Club, Kapiolani Community College
3. Exceptional Family Member Program
4. Brigham Young University – Hawaii (two presentations to undergraduate education students)

Events, Presentations, and Meetings – April 2019:

1. Meeting with Kathy Couch at Maui Adult Day Care Center
2. Maui Office on Aging / Aging and Disability Resource Center
3. 33rd Annual SPIN Conference, Honolulu
4. Meeting with Nani Watanabe of Maui Independent Living Center
5. Aloha Independent Living Maui
6. Parents and Children Together, Maui

Future Events, Presentations, and Meetings:

1. Queen's Hospital Mini-Health Fair – May 15, 2019
2. DOH Stroke Awareness Mini-Health Fair – May 18, 2019
3. Hana Caregiver Support Group Workshop – June 12, 2019
4. Lahaina Caregiver Support Group Workshop – June 22, 2019
5. Kihei Caregiver Support Group Workshop – June 25, 2019
6. Central / Wailuku Caregiver Support Group Workshop – August 3, 2019
7. Molokai Caregiver Support Group Workshop – August 16, 2019
8. Generations Magazine Aging in Place Workshop – August 17, 2019
9. Lanai Caregiver Support Group Workshop – August 23, 2019

- 10.HMSA Akamai Living Senior Fair (Hilo) – October 18, 2019
- 11.HMSA Akamai Living Senior Fair (Kona) – November 22, 2019
- 12.Leeward Community Church Senior Group – TBD (had to be rescheduled due to renovations)
- 13.Health and Medicine Association (HAMA), Kapiolani Community College – was scheduled for May, group asked to reschedule for fall
- 14.REHAB Hospital Stroke Club – Fall 2019 (tentative)
- 15.Working with REHAB Hospital on monthly informational sessions for survivors and caregivers

Hawaii Neurotrauma Registry Project

Activities Report

March 20, 2019 – April 19, 2020

	Registry New Enrollees (total)	Oahu	Hawaii	Maui County	Kauai	Outreach Activities	General	Educational Presentations	
Mar-19	1	1	0	0	0	2	0	2	Mar-19
Apr-19	2	1	0	1	0	6	3	3	Apr-19
TOTAL	3	2	0	1	0	8	3	5	TOTAL
Annual Target	300	200	50	25	25	240	168	72	Annual Target
# needed to meet target	297	198	50	24	25	232	165	67	# needed to meet target

Hawaii Neurotrauma Registry Project

Information and Referral Report

March 20, 2019 – April 19, 2020

	Initial Contacts				Outcomes			6 month follow-ups		12 month follow-ups	
	Number of I&R received	Contact within 14 days	Contact after 14 days	No contact made	Took survey	Requested resources	Declined assist	Number of 6 month follow-ups	Number contacted	Number of 12 month follow-ups	Number contacted
Mar-19	1	1	n/a	n/a	n/a	n/a	1	0	0	0	0
Apr-19	11	4					1	0		1	
TOTAL	12	5					2	0	0	1	0