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Information Literacy in Class Room

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Chesnutt Library Fellow

Information Literacy in Class Room

Asitha Kodippili

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College of Arts and Sciences

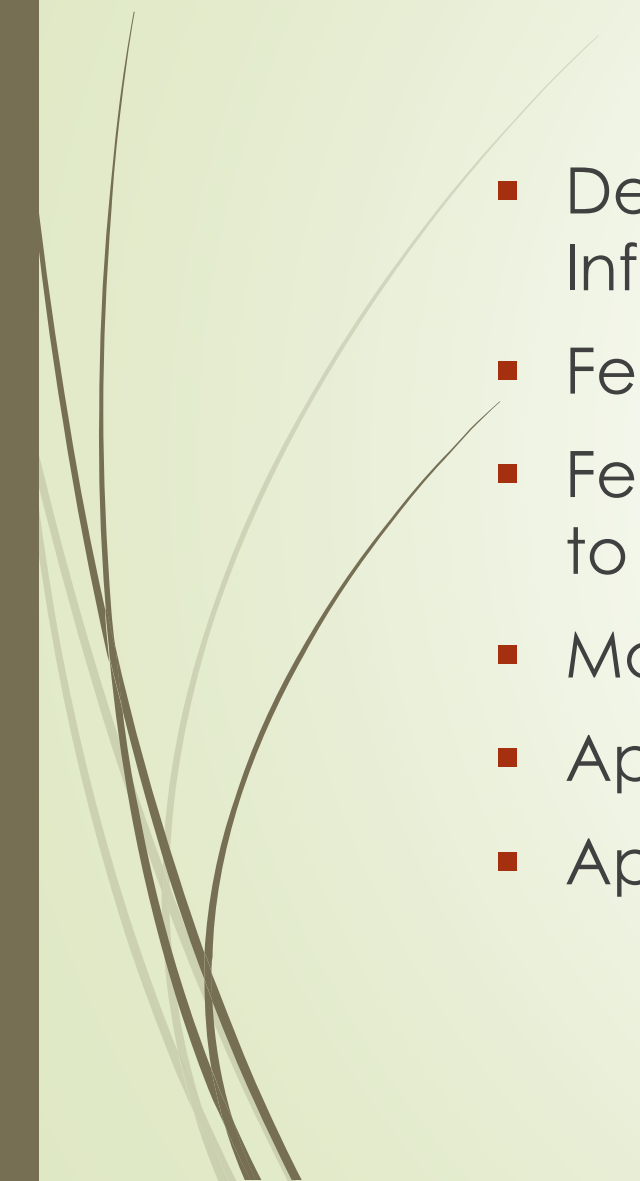
Librarian : Mr. Velappan Velappan

STAT 202 – Basic Probability and Statistics

- Statistics/Data Science is one of the important discipline today
- 35 Students: Seniors 10 – Juniors 10 , Sophomore – 8
- 15 Nursing Majors, 10 – Biology & Forensic Science



Faculty-Librarian Team Work

- December/January – Updated the syllabus with Information Literacy Assignment
 - February – IL Pre-Test
 - February – Librarian Uploaded all the Learning Materials to Canvas
 - March – Student were working on IL-Assignment
 - April - Students completed/submitted the IL-Assignment
 - April - IL Post-Test
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Updated Syllabus

Information Literacy Assignment:

Prepare an annotated bibliography of research articles or other relevant sources on medical marijuana as an effective treatment for at least three of the following diseases and conditions: Cancer, Epilepsy (Seizures), Arthritis, Psoriatic arthritis, Multiple Sclerosis, Alzheimer's, Migraines, AIDS (HIV), and Psychological conditions.

You should use at least 2 journal articles to find the information of each of the diseases selected. Mr. Velappan (FSU: Librarian) will work with you by teaching how to find the library resources. You will find more information about information

Literacy assignment and Learning material in Canvas "information Literacy folder". Also, I have created a discussion forum for information literacy assignment and Mr. Velappan will answer any of your questions.

Your writing should be about three pages. It should include the followings:

1. Annotated bibliography of each of the three diseases.
2. What conclusions can you draw from these articles? Medical marijuana as an effective treatment for the diseases/conditions you selected.
3. Bibliographical references for all the journal articles used it should be APA citation format.

Updated Syllabus ...

Pre-Test and Post-Test of Information Literacy Assignment:

Students need to take pre-test and post-test about Library information literacy skills.

You will be doing pre-Test by the end of the 3rd week (2/3/2017) & post-test by the 13th week. 20% of the information Literacy Assignment is allocated to these two tests (pre and post).

c) Graded Assignments:

Homework	20%
Tests (drop the lowest score out of 4 tests)	45%
Final Exam (Proctored by UNC Proctoring System)	20%
Core SLO – Assessment Quiz	05%
Information Literacy Assignment	10%

This is due by the 12th week of the semester: 4/14/2017

Student Work (Sample)

Annotated bibliography

Abrams, D. I. (2016). Using Medical Cannabis in an Oncology Practice. *Oncology* (Williston Park, N.Y.), 30(5), 397-404.

The author, Donald I. Abrams is a cancer and integrative medicine specialist at the UCSF Osher Center for Integrative Medicine at Mount Zion. In his review, Abrams discusses the importance of prescribing medical marijuana to his patients. He uses longitudinal data to support his claim that medical marijuana decreases nausea, anorexia, insomnia, depression, and pain associated with cancer. He argues that medical marijuana is a much safer alternative than prescribing multiple medications that can interact with one another, to treat the symptoms associated with cancer and cancer treatment. The results indicated that medical marijuana is a safe alternative to treat cancer patient's nausea, anorexia, insomnia, depression, and pain. Similar to the findings this article, Joan Kramer found that medical marijuana reduces pain sensitivity and decreases nausea, vomiting, weight loss, and pain of patients undergoing chemotherapy.

Information Literacy Standard

ACRL – Standards:

1. Determine the nature and extent of information needed
2. Access the needed information effectively and efficiently
3. Evaluate information and its sources critically and incorporate selected information into one's knowledge base
4. Use information effectively to accomplish a specific purpose
5. Access and use information ethically and legally

Most of the students have prepared thoroughly for IL-assignment. Only 28 students out of 31 (this is the number of students who took the final exam) submitted the assignment and class average of the IL-assignment is 71.25 out of 80.

Pre-Post Test Results

		Pre-Test		% correct	Post-Test		% correct	Pre-Post
		Correct	Wrong		Correct	wrong		% improved
3	What is the BEST way to search for books on a given topic	26	7	79%	21	3	88%	9%
5	Articles that are critically evaluated by one or more experts on the subject are published in	30	3	91%	24	24	100%	9%
11	"Information Literacy" is best described as	29	4	88%	24	24	100%	12%
17	If you decide to use information from a website for your research project	14	19	42%	16	8	67%	25%
18	Plagiarism is	26	7	79%	19	5	79%	0%

Self Assessment of IL-ability

ACRL 1: Determine the extend of information needed

Pre-Test			Post-Test		
Very Confident	Confident	Not very or Not Confident	Very Confident	Confident	Not very or Not Confident
24%	64%	12%	54%	46%	0%

Self Assessment of IL-ability

ACRL 2: Assesse the needed information effectively and efficiently

Pre-Test			Post-Test		
Very Confident	Confident	Not very or Not Confident	Very Confident	Confident	Not very or Not Confident
27%	58%	15%	54%	46%	0%

Self Assessment of IL-ability

ACRL 3: Evaluate information and its sources critically and incorporate selected information into one's knowledge base

Pre-Test			Post-Test		
Very Confident	Confident	Not very or Not Confident	Very Confident	Confident	Not very or Not Confident
21%	61%	18%	33%	50%	17%

Self Assessment of IL-ability

ACRL 4: Use information effectively to accomplish a specific purpose

Pre-Test			Post-Test		
Very Confident	Confident	Not very or Not Confident	Very Confident	Confident	Not very or Not Confident
39%	49%	12%	58%	38%	4%

Self Assessment of IL-ability

ACRL 5: Access and use information ethically and legally

Pre-Test			Post-Test		
Very Confident	Confident	Not very or Not Confident	Very Confident	Confident	Not very or Not Confident
33%	46%	21%	42%	54%	4%



summary

- IL- program is well-organized
- The workshop on IL was informative, fun, and very helpful (Dr. Terence Mech)
- It convinced me the importance of faculty-librarian partnership
- A better understanding of faculty and students on the importance of IL on in lifelong learning



Thank You

- Mr. Bobby Wynn
 - Ms. Jan Whitefield
 - Mr. Velappan Velappan
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