I'm a Digital Scholarship Centre and I'm Okay: Analyzing Digital Scholarship Curriculum and Research Landscape

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University of Alberta Library and Museums
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Course Description: Computational models are playing an increasingly important role in cognitive psychology. The purpose of this course is to provide students with the theoretical background for using such models, as well as some hands-on experience. Students will learn about the history of these models in cognitive psychology, how one might characterize good and bad models, and how cognitive psychologists attempt to experimentally validate their models. [Faculty of Science]
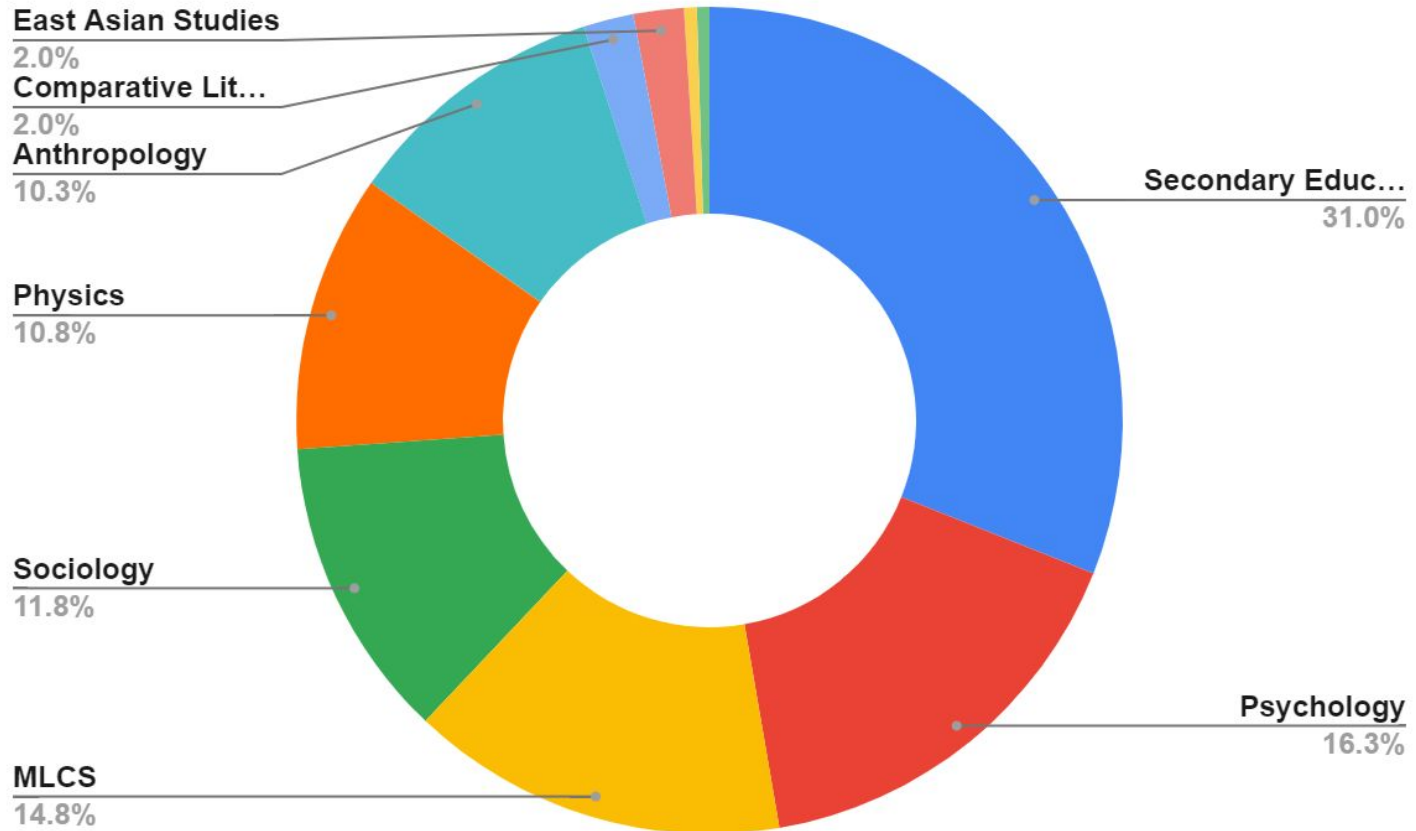
Course Prerequisites: PSYCO 354

Course Objectives and Expected Learning Outcomes: Computer simulation has played an important role in many different research areas in psychology. The purpose of this course is to provide students with a general understanding of the methods and goals of "synthetic psychology". This will be accomplished by striving towards two different goals. First, students will learn some of the fundamental concepts of how computer simulation methods can be incorporated into psychology. They will receive "hands on" experience with a variety of connectionist architectures, and by the end of the course they should feel comfortable in their knowledge of the advantages and disadvantages of this approach to modeling. Second, students will be able to relate their knowledge of connectionism to specific research issues in experimental psychology.

Required Text (Available From Bookstore): Dawson, M.R.W. (2018). *Connectionist representations of tonal music: Discovering musical patterns by interpreting artificial neural networks*. Athabasca University Press: Edmonton, AB

Readings (Supplied In Class): Dawson, M.R.W. (2004). *Minds and Machines: Connectionism and psychological*

Departments Studied

East Asian Studies
2.0%

Comparative Lit…
2.0%

Anthropology
10.3%

Physics
10.8%

Sociology
11.8%

MLCS
14.8%

Secondary Educ…
31.0%

Psychology
16.3%

UNIVERSITY OF ALBERTA

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Fall 2021

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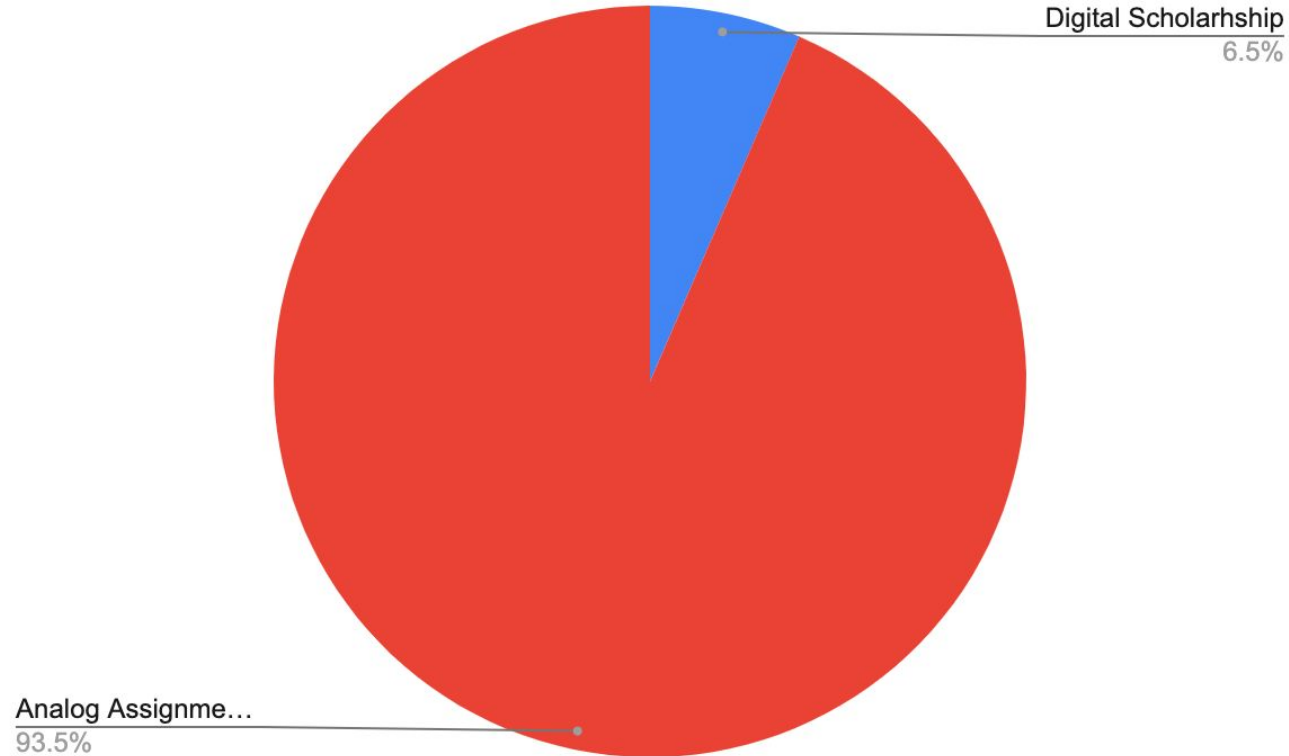
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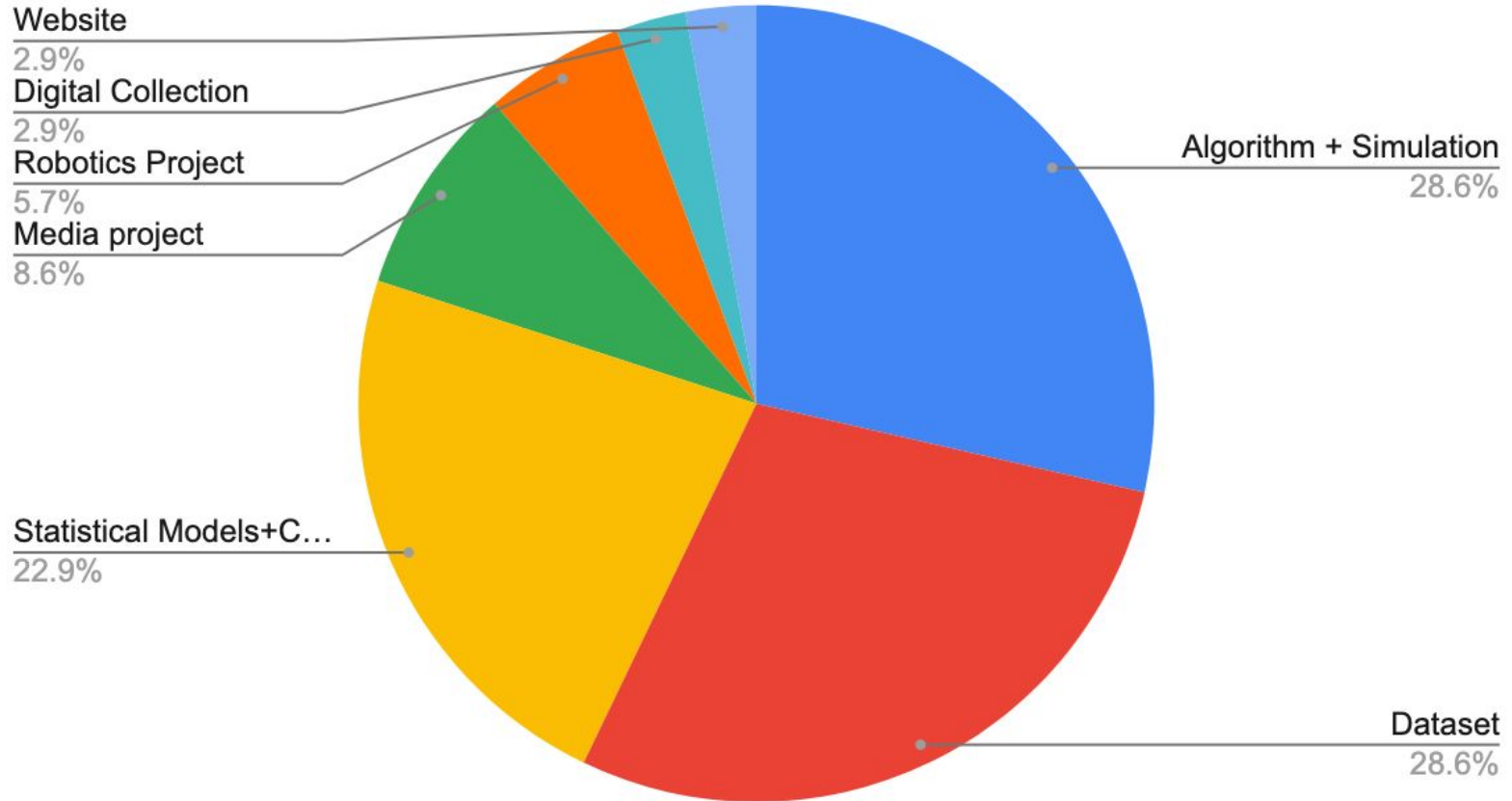
Credit-Course Syllabi

Digital Scholarship Assignments in Context of all Assignments

Digital Scholarhship
6.5%

Analog Assignme…
93.5%

Digital Scholarship Assignments

- Website 2.9%
- Digital Collection 2.9%
- Robotics Project 5.7%
- Media project 8.6%
- Statistical Models+C... 22.9%
- Algorithm + Simulation 28.6%
- Dataset 28.6%

Assignment Types

Writing	Essay	Exam	Exercises	Quiz	
Speaking	Presentation	Seminar			
Professionalization	Project	Prof. practice	Report	Site visit	Field Placement
Research	Proposal	Bibliography	Book Review	Poster	Grant Application
Reading	Reading Journal	Journal Group			
Creative	Creative	Media review			
No Details	No Details				

0   50   100   150   200   250

Research Projects

Faculty of Native Studies

Research

Indigenous Science, Technology, and Society

Métis Archival Project (MAP) Lab

Rupertsland Centre for Métis Research

Wahkohtowin Law and Governance Lodge

aboriginal policy studies (aps)

Strydnadka/Brady Reading Room

Research

The Faculty has contributed significantly to the external research funding dollars acquired by the University of Alberta. The Faculty of Native Studies' record at attracting significant levels of funding along with established research approaches suggests that the Faculty has a continuing important position at a research-intensive university. From the past and current successful research application grants, FNS represents significant continued research-community relationships as follows:

- Tri-Council funding (SSHRC) was awarded in support of research related to the Historical geographical perspectives of the Métis Nation: The case of the Subarctic Métis, 1850-1911.
- Aboriginal Affairs and Northern Development Canada - aboriginal policy studies (academic journal);
- Peavine Metis Settlement - Metis Settlement Harvesting Rights

FNS received funding from the Government of Alberta, Ministry of Enterprise and Advanced Education (formerly the Ministry of Advanced Education and

Contact ☎

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CULINARY MOVES

English | français

Tell us how your favorite food travelled to Canada

Migration heritage stories are a part of the tissue of stories that bring us together as a people. We want to give voice to hard working migrant chefs who work behind the scenes preparing mouthwatering delicacies for the Canadian public, but whose personal stories remain unheard.

COVID-19: As an essential worker during the crisis, your story will have an even greater importance to the larger community. Please take the time to share how the pandemic has affected your business and how your relationship to your work has transformed.

Ibo Land

My favorite food is Nsala and Akpu. It is mainly for the Ibo speaking part of Nigeria. It is really an expensive soup and the recipes are very scarce and seasonal. The Nsala soup is specially traditional, it is for outstanding events in the land, the

[Read more]

To share your story, click here

Need a video? Click here for a YouTube tutorial on how to submit your story.

Percentage of DS Projects by Faculty
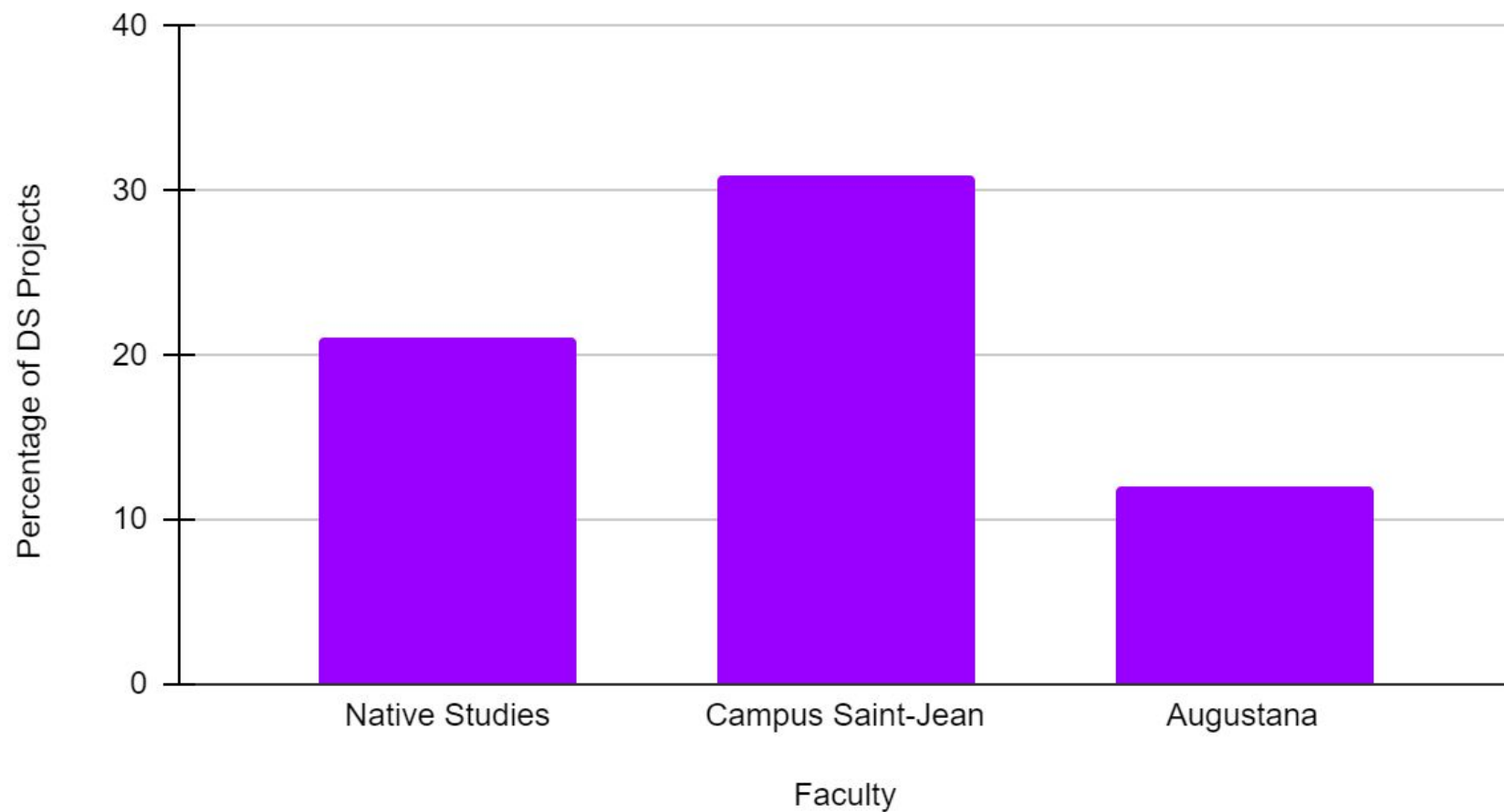
"There is no distinction between the American university and professionalization"

- Harney and Moten, *The Undercommons: Fugitive Planning & Black Study*. Minor Compositions, 2013, p. 30

インターネット'83

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warned...

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Thank you!
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