

YEAR IN REVIEW 2018

Institute for Digital
Arts & Humanities

Office of the Vice Provost
for Research



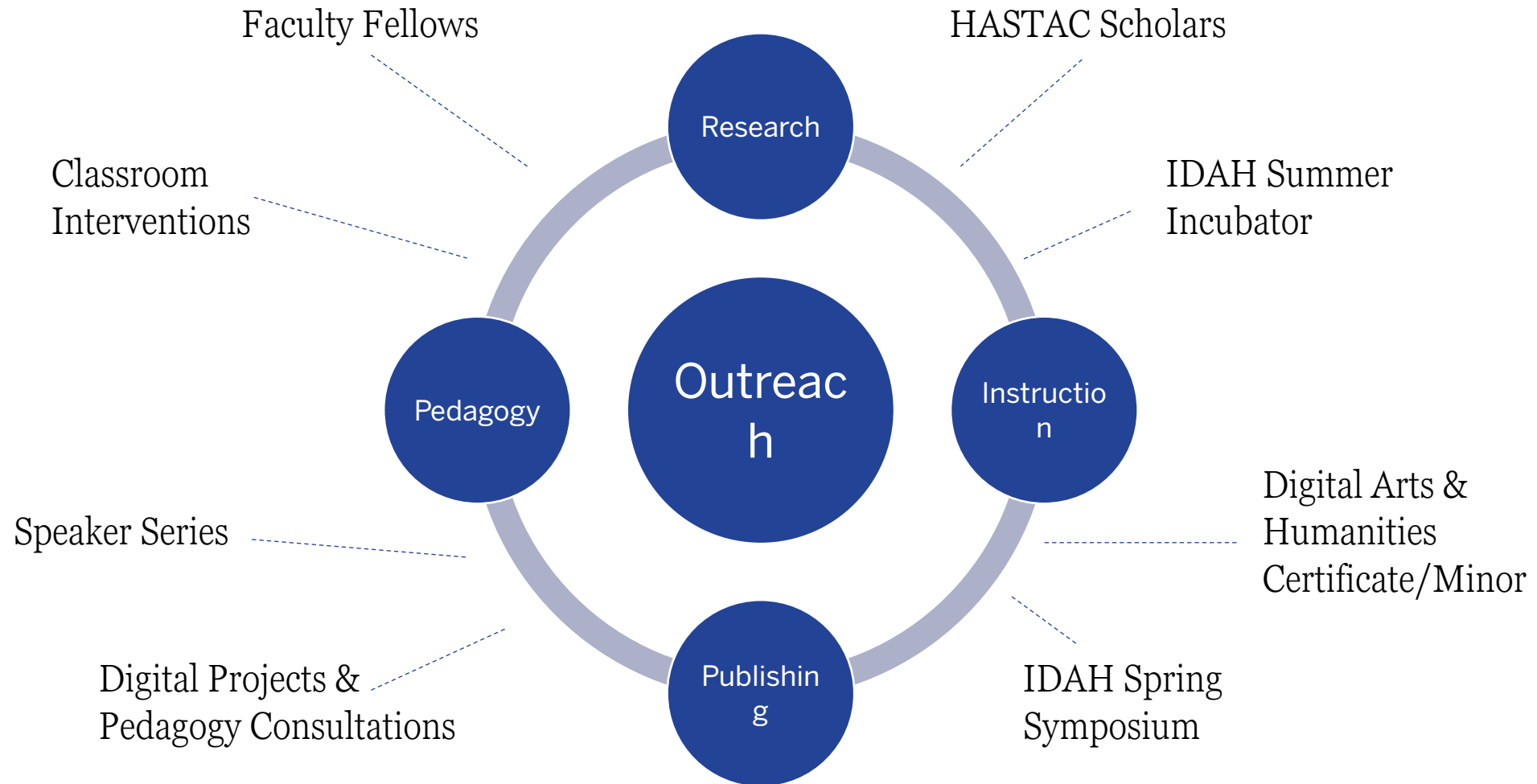
Kalani Craig
Michelle Dalmau
Co-Directors
February 2019



THEMES

- **Making (2017-2018)**
 - Fabrication/3D & Born-Digital Creations
- **Marking (2018-2019)**
 - Music, Text & Digital Pedagogy
- **Mapping (2019-2020)**
 - Narratives, Materials & Discoveries

IDA H'S MISSION: PIPELINE FOR DIGITAL A&H



THE IDAH TEAM



JULIE HARDESTY



NICK HOMENDA



SCOTT LIBSON



MEG MEIMAN



EMILY MEANWELL

SARA DUKE
Outreach Specialist
(Graduate Assistant)



THERESA QUILL
GIS + Maps Librarian
(0.25 FTE)



KALANI CRAIG + MICHELLE DALMAU
Co-Directors



MARY BORGOTON
Pedagogy Specialist
(Graduate Assistant)



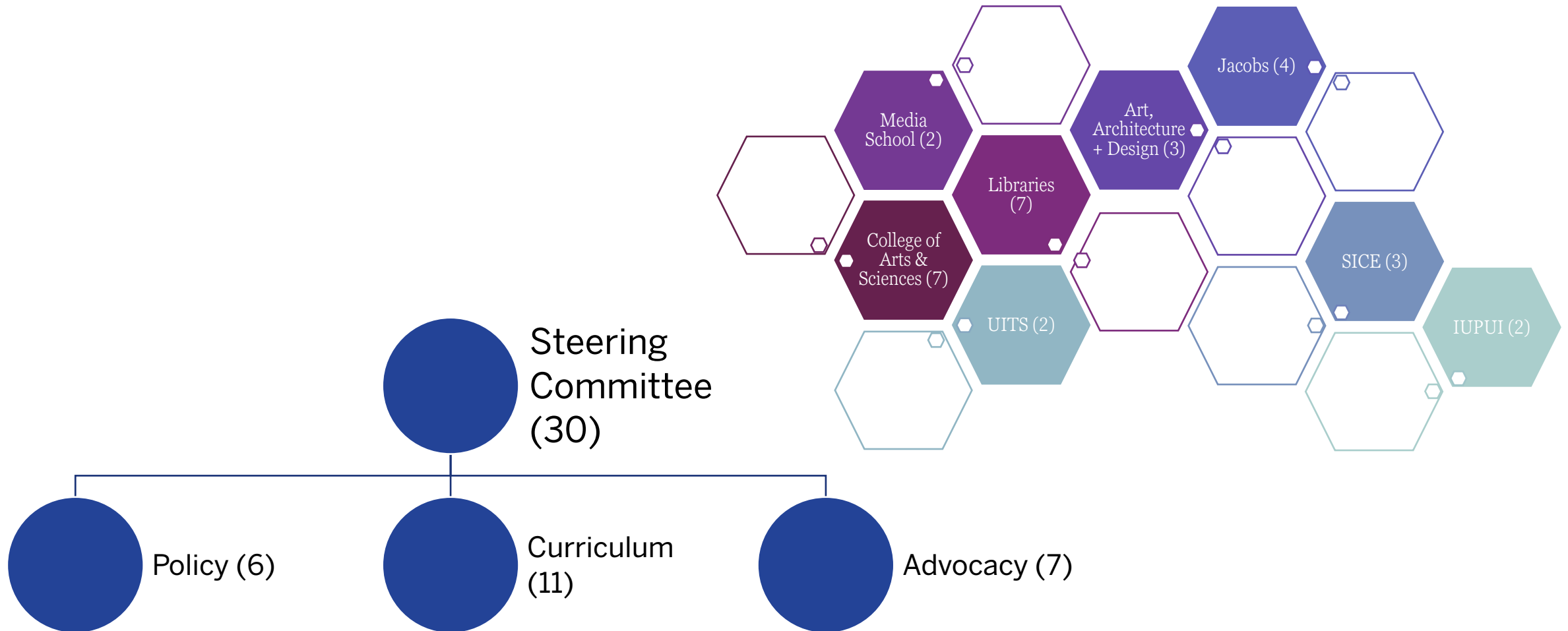
ELLA ROBINSON
Marketing + Planning
Specialist



DANIEL STORY
Methods Specialist
(Graduate Assistant)



IDA H GOVERNANCE 2018-2020



IDA H SUPPORTERS

Funding

- OVPR
- College of Arts & Sciences
- IU Libraries
- School of Informatics, Computing & Engineering
- UITS

Partners

- UITS Research Technologies: AVL & CyberDH
- Social Sciences Research Center: Center for Survey Research & Qualitative Data Analysis
- Center for Research on Learning & Technology
- Center for Research on Race and Ethnicity in Society
- IU Makes

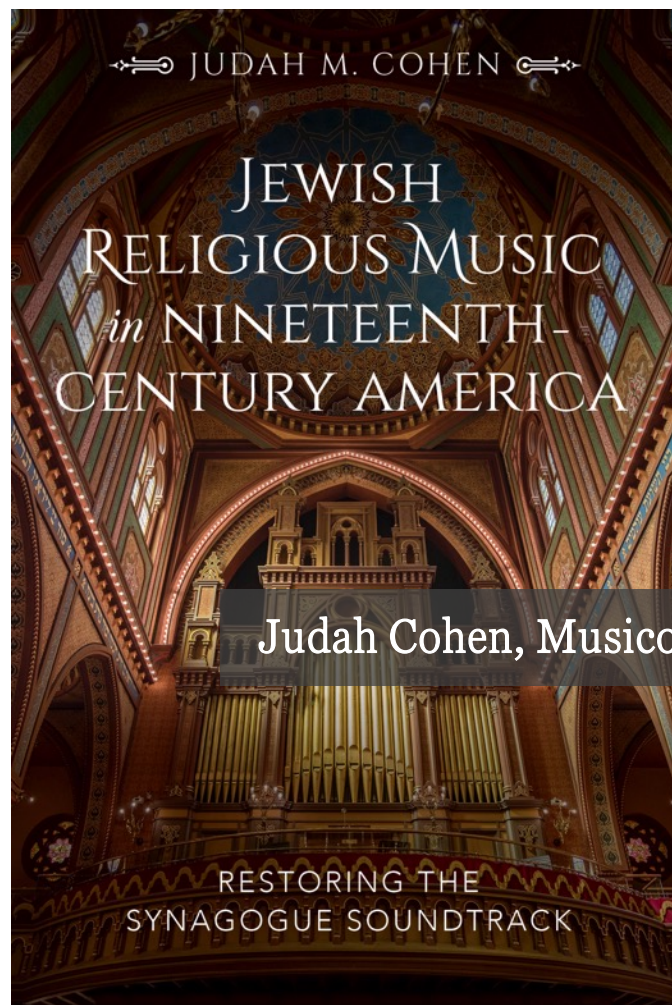


IDA H FACULTY FELLOWS

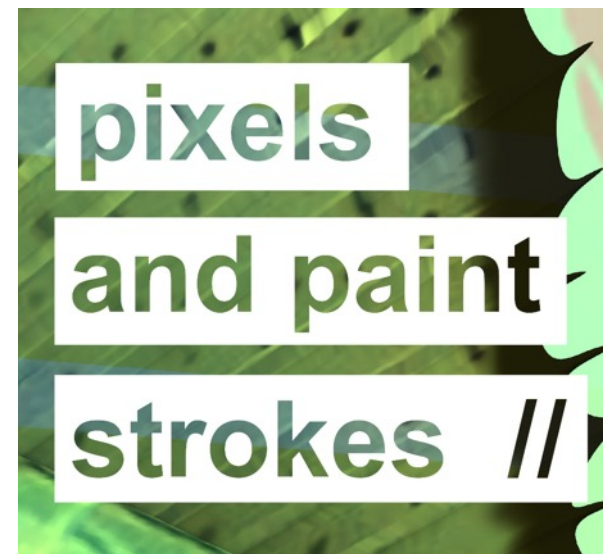
2017-2018	2018-2019
Judah Cohen, Musicology/Religious Study	Allen Hahn, Theater
Stephanie DeBoer, Media Studies	Cara Caddoo, History/Media Studies
Arlene Diaz, History	Nicholas Valazza, French & Italian
Caleb Weintraub, Painting	Ellen Wu, History

2019-2020 Fellowship applications due April 3, 2019
<https://idah.indiana.edu/project-support/fellowship/index.html>

FACULTY FELLOWS HIGHLIGHTS



Judah Cohen, Musicology & Jewish Studies



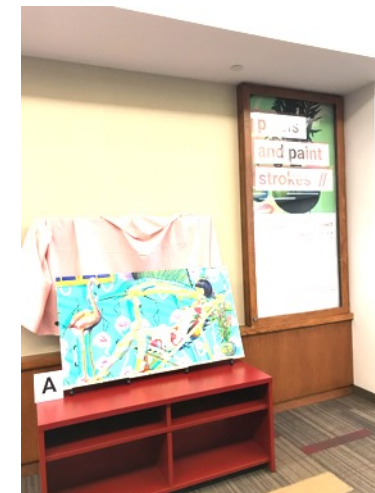
Caleb Weintraub, Studio Art / Painting

a public art project

// exhibit details

on view 13 april to 20 june 2018

located in herman b. wells library,
scholars' commons



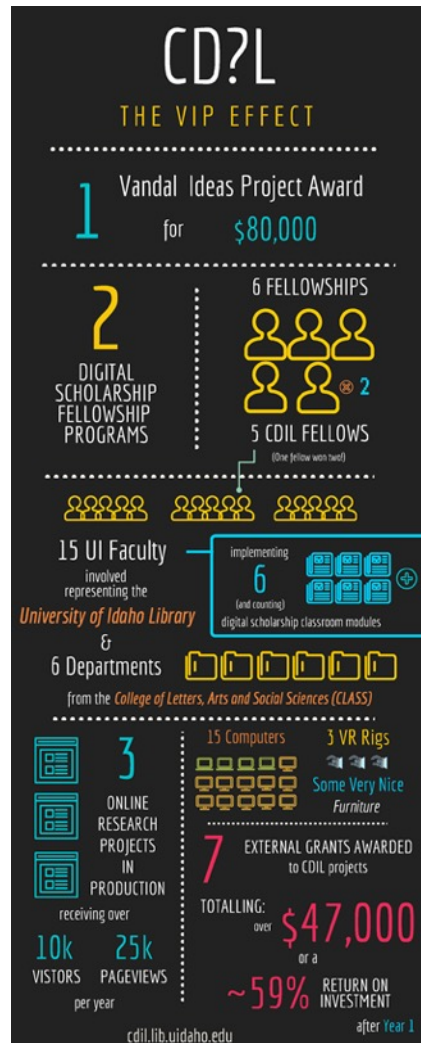
IDA HASTAC SCHOLARS

2017-2018	2018-2019
Collin Bjork, English	Joanna Chromik, English
Isabel Alvarez-Echandi, History	Seth Adam Cook, Digital Art
Kate Mullen, Ethnomusicology	Sara Duke, Info & Library Science
Jen Watkins, History	Khadijah Edwards, African American and African Diaspora Studies
Olivia Wikle, Info & Library Science	Daniela Gutierrez Lopez, Gender Studies
Ewa Zegler-Poleska, Info & Library Science	Lino Mioni, French & Italian
Yingqi Puffy Zhao, Metalsmithing/Jewelry	Sydney Stutsman, History/Chemistry
	Eric Ware, History
	Alexis Witt, Musicology

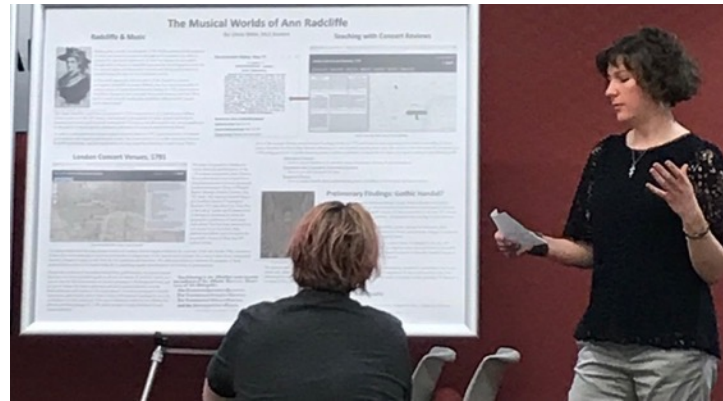
2019-2020 HASTAC applications due March 2019

<https://idah.indiana.edu/project-support/scholarship/index.html>

HASTAC SCHOLARS HIGHLIGHTS



<http://hdl.handle.net/2022/22484>

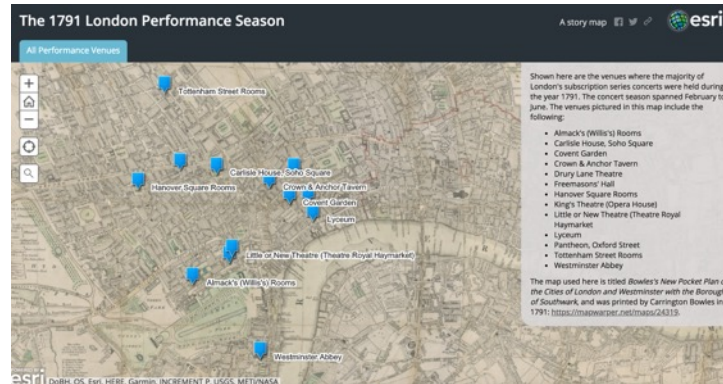


Olivia Wikle, Digital Initiatives Librarian, University of Idaho, Center for Digital Inquiry & Learning

<http://hdl.handle.net/2022/22485>

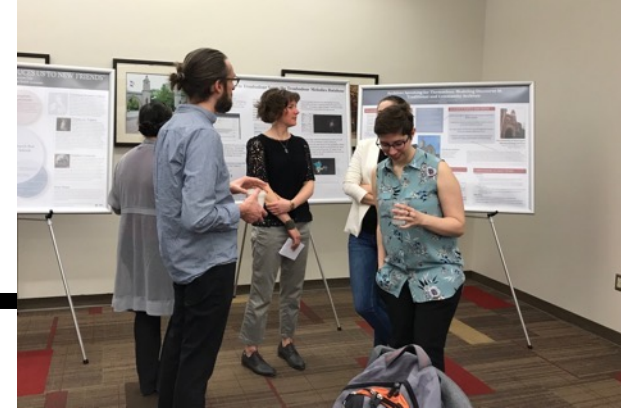


Yinqi Puffy Zhao, MFA in Metalsmithing & Jewelry Design / MAD LABS Fellowship



IDA H SPRING SYMPOSIUM

- Keynotes by faculty fellows
- Lightning Talks & Posters by HASTAC scholars and Digital Arts & Humanities Certificate students
- Spotlight by former faculty fellow
- Exhibitions by faculty and students



<https://scholarworks.iu.edu/dspace/handle/2022/21651>

THE SUMMER INCUBATOR

Giselle Cunanan, PhD Candidate, American Studies: *Diversity and Social Change in the Modern University*

Khadijah Edwards, PhD Candidate, African American and African Diaspora Studies: *A Revolution Deferred*

Cordula Grewe, Associate Professor, Art History: *The Museum Age between Innovation, War and Reconstruction: Pedagogy, Politics, and Digital Art History, 1820-2020*

Allen Hahn, Associate Professor, Theatre, Drama and Contemporary Dance: *The Secret City: A Tech-infused Real World Choose Your Own Adventure with Cross-disciplinary Ties*

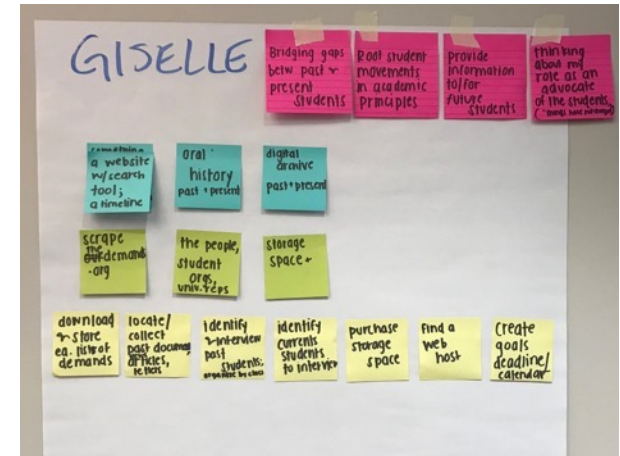
Alison Martin, PhD Candidate, Folklore and Ethnomusicology: *Hearing Gentrification: Soundscape Recording and Analysis in Shaw, Washington, DC*

Ellen Wu, Associate Professor, History: *OVERREPRESENTED: Asian Americans in the Age of Affirmative Action*

The entire incubator was AMAZING! One of the most intellectually rewarding

Seeing the projects from nothing to something promising! The most

Utilizing my expertise to assist in visualizing a proof of concept. In a week. – Expert Partners



MAKING THE ARTS + HUMANITIES (2017/2018)

Dr. William “Bro” Adams, Senior Fellow at the Andrew W. Mellon Foundation and Former NEH Chairman

DIGITAL HORIZONS FOR
THE DISSERTATION

Dr. Mollie Ables
Isabel Alvarez-Echandi
Mary Borgo
Katie Chapman
Dr. Jessica Leach

With commentary by Dr. William D. Adams,
Former Chair of the National
Endowment for the Humanities

Moderated by Dr. Vivian Halloran



VIRTUAL
REALITIES

MAKING THE HUMANITIES
IN A DIGITAL WORLD



FEB 20 / 5:30 PM / WOODBURN 100



WITH DR. WILLIAM D. ADAMS,
FORMER CHAIRMAN OF THE NATIONAL
ENDOWMENT FOR HUMANITIES

Digital technology is changing everything in our lives, including the ways in which we study, learn, teach, and create knowledge in the university. While these changes have been slower to come in the humanities, they are now well-established & accelerating, with significant implications for teaching and research. What are the new opportunities afforded by the development of digital tools and platforms for humanities? What new fields of inquiry have opened for humanities as a result of the explosion of digital technology? And how should humanities understand and respond to the growing power and influence of the technical disciplines in shaping the priorities of the contemporary university?



MARKING THE ARTS + HUMANITIES (2018/2019)



DR. KARI KRAUS, UNIVERSITY OF MARYLAND in OCT

- Pervasive Play: Make Believe as Method
- Strange Frequencies: Book History in the Age of Sensors



DR. KATHRYN TOMASEK, WHEATON COLLEGE in NOV

- *American Historical Review* Interview: Live with Kathryn Tomasek: <https://soundcloud.com/aha-historians/sets/ahr-interview>
- Making Data with Markup: From the Classroom to Digital Scholarly Edition of Accounts
- Integrating Digital Humanities Projects in the Undergraduate

SPRING 2018 WORKSHOPS

WORKSHOP SERIES

INTRODUCTION TO HUMANITIES DATA

1 *Transforming evidence into data*

TUESDAY, JANUARY 16 / 1:00 PM / HAZELBAKER (WELLS E159)

Digital tools for mapping, data visualization, and network analysis offer opportunities to discover, answer, and present research for scholars working in the arts and humanities. But these methods require moving your evidence and research into a data structure appropriate for your chosen tool. In this workshop, we'll discuss the types of decisions you'll encounter when representing your humanities evidence in a digital environment and best practices for structuring your research data for use in a number of digital tools.

REGISTER ONLINE: iub.libcal.com/event/3754223

PRESENTED BY MICHELLE DALMAU & MIA PARTLOW

WORKSHOP SERIES

INTRODUCTION TO HUMANITIES DATA

2 *Simple visualizations for complex arguments*

TUESDAY, JANUARY 23 / 1:00 PM / HAZELBAKER (WELLS E159)

There are many tools and platforms for creating data visualizations, but in order to ensure they communicate in an effective way, your visualizations must be grounded in the appropriate quantitative methods. In this workshop, we will present some problematic humanities datasets and case studies, and use them to walk through the structure and assumptions your data will need to meet in order to create effective data visualizations. Introductory quantitative methods and vocabularies will be presented.

REGISTER ONLINE: iub.libcal.com/event/3754252

PRESENTED BY STACEY GIROUX & MIA PARTLOW

WORKSHOP SERIES

INTRODUCTION TO HUMANITIES DATA

3 *The path to complex visualizations and statistics*

TUESDAY, JANUARY 30 / 12:00 PM / HAZELBAKER (WELLS E159)

At times more complex data visualizations are necessary to communicate your argument and explore the multiple dimensions of your dataset. This hands-on session will start you down the path towards employing statistical methods to communicate your argument, and will give you a chance to bring your own data and work through options for visualizations. During the workshop we will use two sample datasets to discuss how they were prepared and structured to enable comparison with regression analysis. We will discuss regression analysis and how you can compare two datasets in a way that ensures you're getting useful information.

REGISTER ONLINE: iub.libcal.com/event/3885518

PRESENTED BY KALANI CRAIG & MIA PARTLOW

FALL 2018 WORKSHOPS



**DIGITAL METHODS
IN THE ARTS +
HUMANITIES**

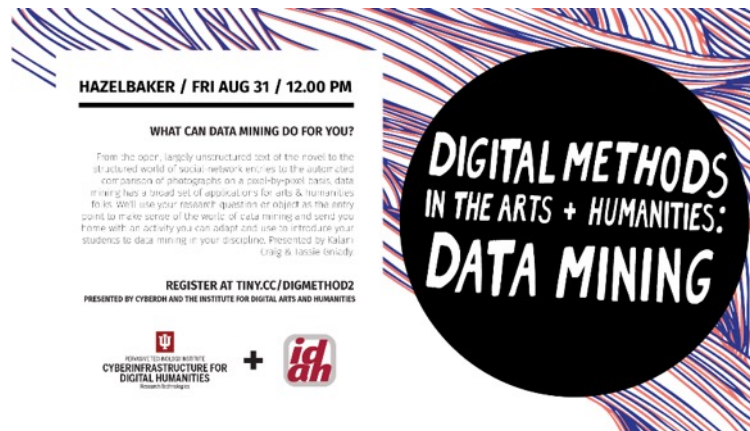
HAZELBAKER / FRI AUG 24 / 12.00 PM

DIGITAL METHODS IN THE ARTS & HUMANITIES: AN OVERVIEW

Digital image manipulation, social network analysis and data mining can change our perceptions of the world around us, but they also require careful, critical use. This presentation will address & humanities practitioners through mapping, data mining, network analysis, data visualization, 3D rendering, computational video and other digital methods in a variety of disciplines and tackle some of the critical issues for digital arts & humanities practitioners.

REGISTER AT TINY.CC/DIGMETHOD

PRESENTED BY CYBERINFRASTRUCTURE FOR DIGITAL ARTS AND HUMANITIES



**DIGITAL METHODS
IN THE ARTS + HUMANITIES:
DATA MINING**

HAZELBAKER / FRI AUG 31 / 12.00 PM

WHAT CAN DATA MINING DO FOR YOU?

From the open, largely unstructured text of the novel to the alt-textured world of social network sites to the author's and companion of photographs on a post-by-post basis, data mining has a broad set of applications for arts & humanities. We will use your research question or object as the entry point to mine the sense of the world of data mining and send you home with an activity you can adapt and use to introduce your students to data mining in your discipline. Presented by Kateri Craig & Jessie Brandy.

REGISTER AT TINY.CC/DIGMETHOD2

PRESENTED BY CYBERINFRASTRUCTURE FOR DIGITAL ARTS AND HUMANITIES



**DIGITAL METHODS
IN THE ARTS + HUMANITIES:
NETWORKS**

WELLS E174 / FRI SEPT 14 / 12.00 PM

WHAT CAN NETWORKS DO FOR YOU?

Network analysis provides a data-driven analysis and visualization exploration of relationships in digital arts & humanities, but unlike that umbrella is a variety of approaches for understanding interaction between elements of a system. Join us for your research question to help you think through how these relationships might work in a network analysis of your own and demonstrate how an in-classroom network analysis activity can also help your students see relationships unfold in your discipline. Presented by Kateri Craig and David Kloster.

REGISTER AT TINY.CC/DIGMETHOD3

PRESENTED BY CYBERINFRASTRUCTURE FOR DIGITAL ARTS AND HUMANITIES



**THE FRANKEN
ASSIGNMENT:
GOING BEYOND THE ESSAY**

**TUE OCT 23 / 12.00 PM
HAZELBAKER HALL (WELLS E159)**

Are you eager to try new forms of assignments but are not sure where to start? Looking for resources to help students build engaging and interactive final projects? In this workshop, we'll explore alternatives to the essay, ranging from digital maps to interactive digital posters to video and multimedia. Like essays, these assignments give students the opportunity to demonstrate their mastery of course material, but they go one step further by helping students learn and refine digital skills. As we consider examples, we'll discuss best practices for designing assignment instructions and grading rubrics as well as identify local resources for training, tools, and equipment.

Presented by Mary Borgo Ton.

REGISTER AT TINY.CC/FRANKENESSAY



PRESENTED AS PART OF
THE INSTITUTE FOR DIGITAL ARTS AND
HUMANITIES' 2018-2019 WORKSHOP SERIES



**DIGITAL METHODS
IN THE ARTS + HUMANITIES:
SPATIAL ANALYSIS**

HAZELBAKER / FRI SEPT 21 / 12.00 PM

WHAT CAN MAPPING & SPATIAL ANALYSIS DO FOR YOU?

Digital mapping offers a variety of options that range in complexity from cropping a point on your smartphone's mapping application to analyzing statistical differences in different geographic regions to mapping geographies for historical, or artistic purposes. In addition to learning digital mapping methodology for humanities and social sciences research, and exploring mapping tools for artistic practice, we will discuss the critical application of these tools and how they can be used effectively in the classroom.

Presented by Daniel Story.

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**FRANKEN
STEIN**
TEACHING ARCHIVAL MATERIAL THROUGH MARK-UP

**TUE OCT 30 / 12.00 PM
HAZELBAKER HALL (WELLS E159)**

How do we encourage students to read material closely and carefully? What can mark-up show us about the content and context of archival material? This workshop discusses TEI, an internationally-recognized mark-up language, as a framework for analyzing literature, historical documents, and images. We'll use a paper-based activity to explore the manuscript of *Frankenstein* with a particular focus on the content and editorial history of Mary Shelley's classic novel. No prior experience with mark-up languages needed.

Presented by Mary Borgo Ton.

REGISTER AT TINY.CC/FRANKENTEI



PRESENTED AS PART OF
THE INSTITUTE FOR DIGITAL ARTS AND
HUMANITIES' 2018-2019 WORKSHOP SERIES

<https://scholarworks.iu.edu/dspace/handle/2022/21649>

IDA H SPONSORED EVENTS

Allen Riddell's Computation Humanities Reading Group

COMPUTATIONAL HUMANITIES READING GROUP

ON DATA-INTENSIVE HUMANITIES SCHOLARSHIP
[for graduate students + faculty in the humanities]

PRESENTED BY IDAH

The Computational Humanities Reading Group (CHRG) is addressed to graduate students and faculty in the humanities interested in exploring the use of data analysis in humanities scholarship. The CHRG was formed in 2017.

MEETINGS AT 1:00 PM ON
FRIDAY, WELLS LIBRARY E171

FEBRUARY 16
AGAINST DATA ANALYSIS
(Joseph North, Timothy Brennan)

MARCH 23
AGAINST STYLISTICS
(Stanley Fish)

APRIL 20
AGAINST NEOLIBERAL TOOLS
(Allington, Brouillette, Golumbia)

FOR READINGS AND MORE INFORMATION
IU.BOX.COM/V/COMPUTATIONAL-HUMANITIES

THE PAST & FUTURE OF DATA-RICH LITERARY HISTORY: RAYMOND WILLIAMS & CULTURAL ANALYTICS

COMPUTATIONAL HUMANITIES READING GROUP /
WEDNESDAYS / 4.30 PM / LUDDY HALL 2122

The reading group is addressed to graduate students and faculty in the humanities interested in exploring the use of data analysis in humanities scholarship. The group was formed to continue discussions of quantitative methods in literary studies and cultural history emerging out of the Institute for the Digital Arts and Humanities' Franco Moretti Reading Group in 2016. The Reading Group was formed in Spring 2017.

SEP 05 R. WILLIAMS ON THE SOCIAL
HISTORY OF LITERATURE

OCT 03 JOSEPH NORTH ON
RAYMOND WILLIAMS

OCT 31 KATHERINE BODE ON
DISTANT READING

NOV 28 KATHERINE BODE ON
DISTANT READING (CONT.)

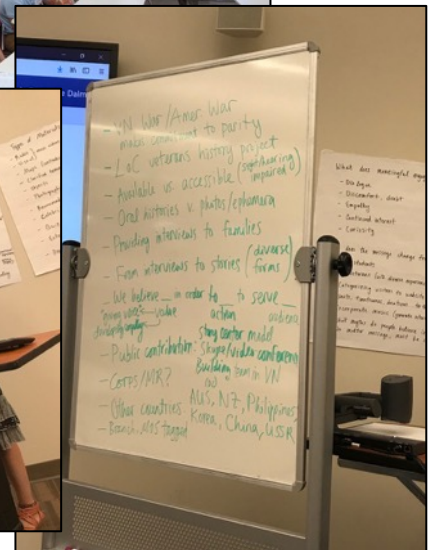
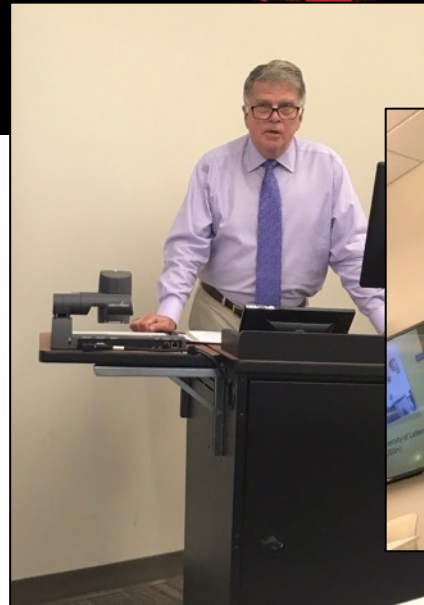
FIND READINGS AT
IU.BOX.COM/V/COMPUTATIONAL-HUMANITIES



SPONSORED BY THE INSTITUTE FOR
DIGITAL ARTS & HUMANITIES

Symposium on Conflict & Civic Engagement

https://idah.indiana.edu/news-events/_symposia/vietnam-war/index.html



DIGITAL A&H MINOR/CERTIFICATE

PIPELINE & CURRICULUM BUILDING

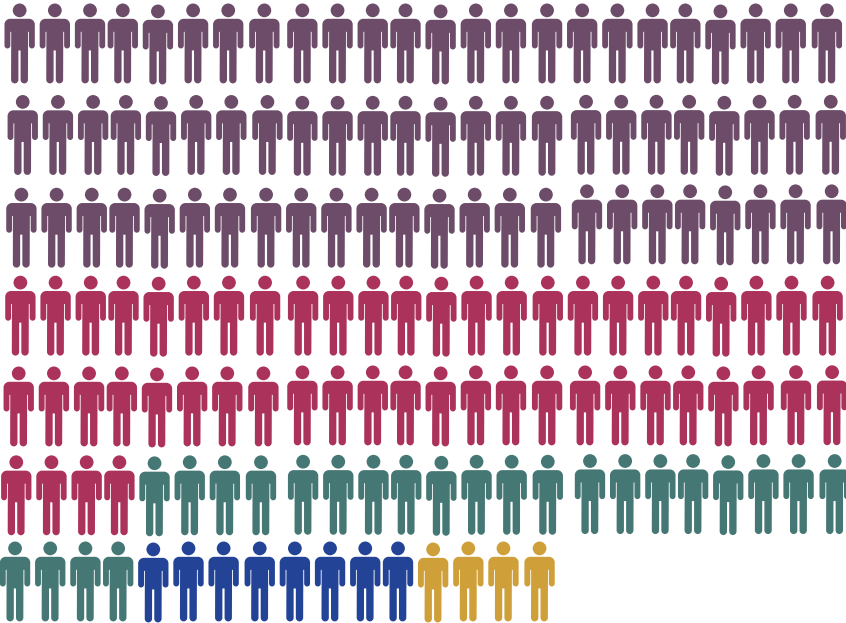
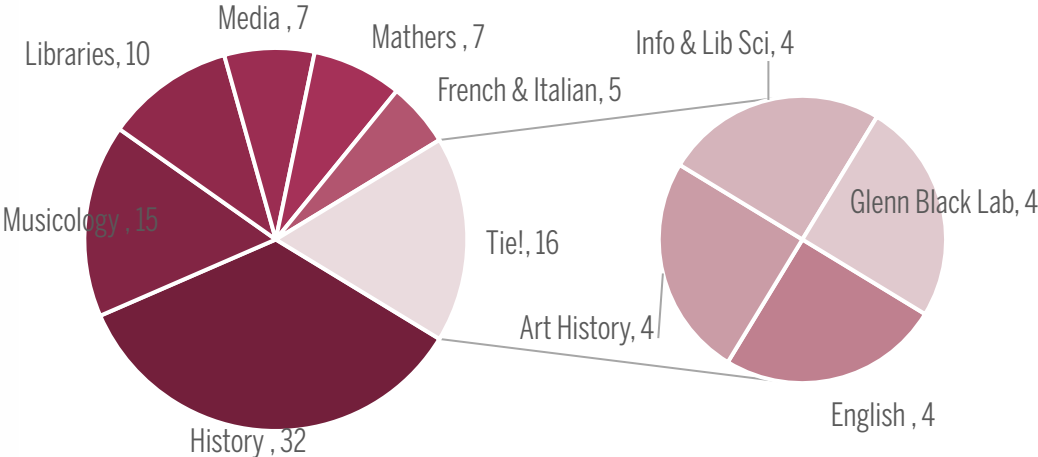
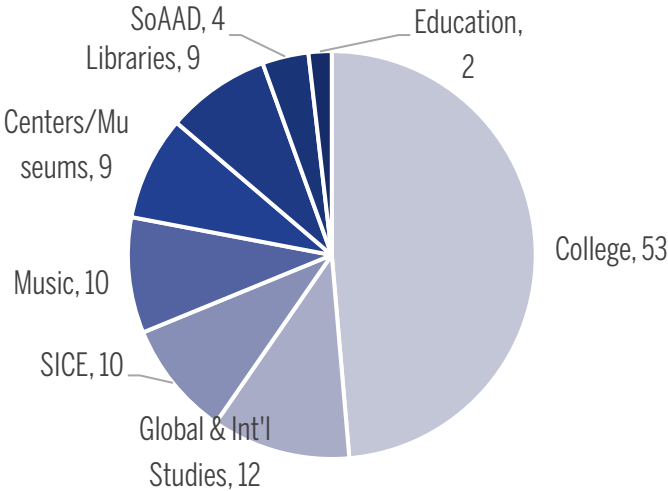
- 3 Graduate student orientations with a total of 50 students (History, English, Spanish & Portuguese)
- Removal of 1-credit DAH500 survey requirement to streamline program

CREDENTIALING

- 4 certificates awarded in 2018
- 2 certificates in progress
- 6 minors in progress
 - 3 new enrollees in 2018-2019

CONSULTATIONS

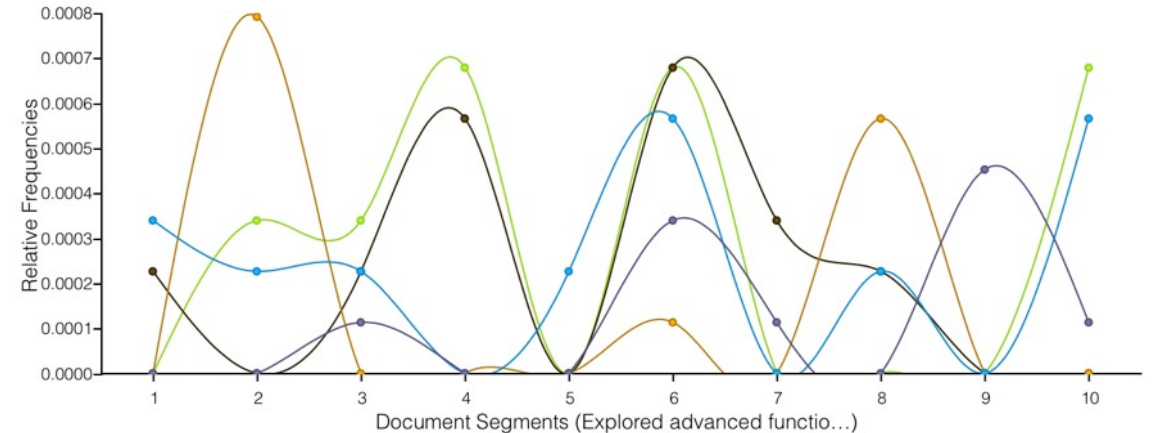
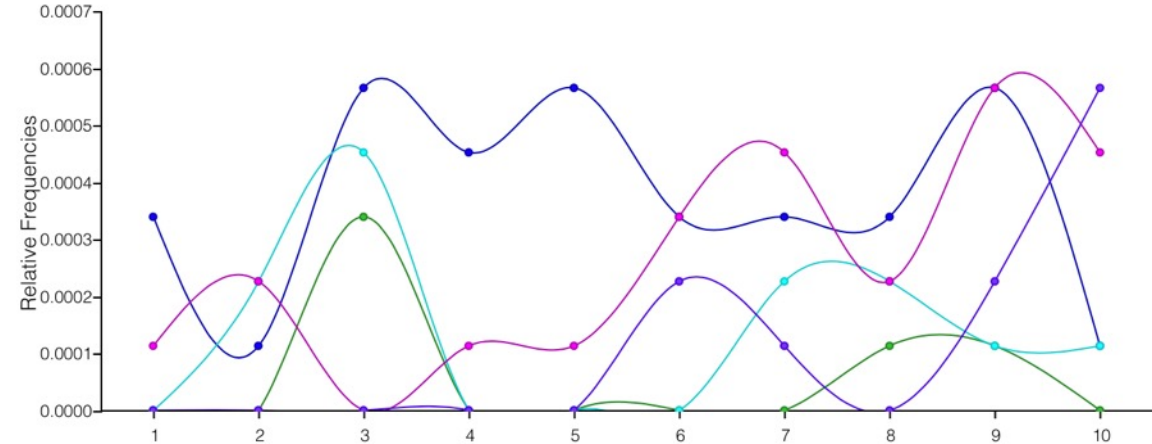
Top 7
Schools/Centers
Depts/Units



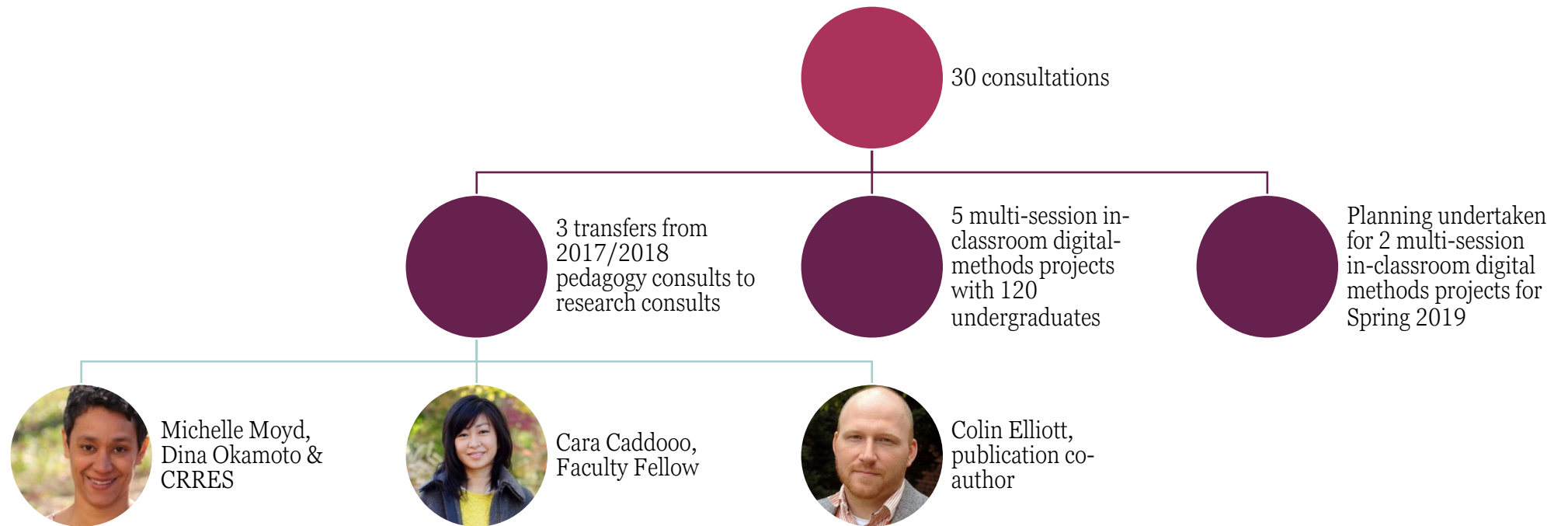
126 Consultations with 160 People

Faculty Grad Students Staff Librarians Undergrads





PEDAGOGY CONSULTS & CLASS VISITS



GRANTS: \$420,034

Internal

External

\$58,886

The Authoritative Bibliography for the Chymistry of Isaac Newton. New Frontiers of Creativity and Scholarship. William R. Newman (PI), Michelle Dalmau (Co-PI)

\$59,987

“Net.Create: Using Network Analysis to Support Digital Humanities in Large History Classrooms.” Faculty Research Support Program—External Resubmission. Kalani Craig (PI). Joshua Danish and Cindy Hmelo-Silver (Co-PIs).

\$1,500

Reunion of Mexican Cultural Heritage Organizations for the *Archivo Mesoamericano*. Mexico Gateway Seed Funding. Michelle Dalmau (PI)

Overrepresented: Asian Americans in the Age of Affirmative Action. New Frontiers of Creativity and Scholarship. Ellen Wu, IDAH Faculty Fellow.

**\$299,661
(with CRLT)**

“Net.Create: Using Network Analysis to Support Digital Humanities in Large History Classrooms”, National Science Foundation EArly-concept Grants for Exploratory Research (EAGER). Kalani Craig (PI), Joshua Danish and Cindy Hmelo-Silver (Co-PIs)

GOALS FOR 2019 & 2020

2019

1. Stabilize Internal Grant Workflows
2. Develop Flexible Digital-Methods Workflows
3. Holistic tracking of IDAH affiliates and programs
4. Extend HASTAC Program
5. Increase Technical and Programming Support Capabilities
6. Curricular expansion

2020

1. Formalize Workflows for Scholarly Outputs from Digital Products & Placements (P & T, Dissertation, Scaffolding for Job Placements)
2. Stabilize External Grant Workflows
3. Track and Leverage Alumni Networks and Contacts with National Scholarly Societies
4. Transition Two-Year IDAH Vision Document into 3-6 Year Strategic Plan