



WELCOME!



The Emerging Scholars Program

Center for Women and Work

Mid-Year Event

December 10th, 2015

Scholar Presenters:

Celin Carlo-Gonzalez

Selena Tran

Jack Croughwell

Brittney Tobey

Kelsey McDonough

Stephanie Bizeur

Sarah Herrick

Anthony Omobono

Brittney Maravelias

The Fabled Fourth Estate

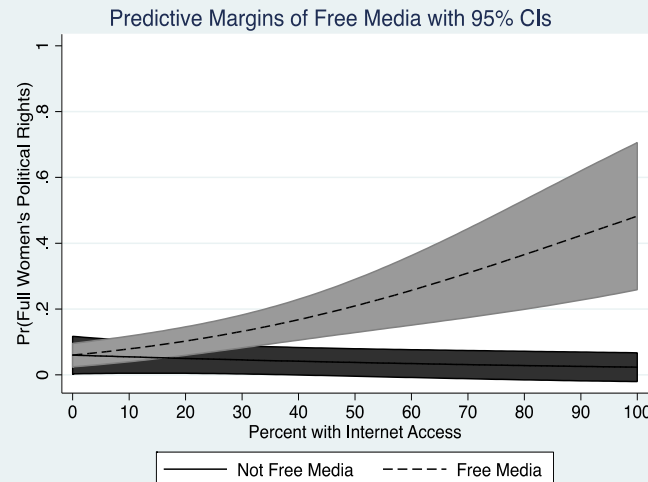
Celin Carlo-Gonzalez

The Problem

How does media freedom affect human rights?

Project

- Perform statistical analysis to determine significance between media freedom and human rights
- Examine case studies to connect theory and findings



My Role

- Researching and analyzing academic and non-academic articles
- Reviewing and editing drafts
- Cleaning data

What I've Learned

- Applying analysis between case studies and statistical findings
- Introductory statistical analysis

Goals for Spring

- Become more familiar with statistical tools and programs
- Assist with analysis and writing

PROJECT

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- Errors on visual tasks may be due to poor attending skills.
- How does one know?
- Most research *infers* where on a visual item children attend.
- Our research: Use eye-tracking technology to collect data on children's precise point of gaze on visual stimuli.

Task and Stimuli



ROLE IN RESEARCH

- IRB approval process
- Literature Review
- Program tasks on computer
- Execute eye-tracking protocol
- Data collection and analysis

WHAT I'VE LEARNED

- Experimental questions
- How to work with preschoolers!
- Computer programming in Paradigm authoring system
- Steps needed to carry out eye-tracking sessions

Eye Tracking



Real World Implications

- Increase understanding of individual children's attending and observing patterns
- Improve individualized teaching strategies in classrooms

SPRING GOALS

- Complete data collection and analysis
- Present findings at international conference
- Write up data for publication of manuscript

“Tickets of Admission are Twenty-Five Cents and Ladies are Admitted Free”: The History of Horse Racing in Lowell

Jack Croughwell, Jonathan Silverman

Description of Project:

- Compile a local history of horse racing between 1870 to 1905, the height of horse racing popularity in the country.
- Investigate newspapers to find coverage of horse racing in that period, with a focus on finding coverage that expressed ideas of class, gender, and race.

My Role:

- Perform archival research
- Read and annotate supplementary materials
- Categorize findings



What I've Learned:

- Familiarize self with data sharing software
- The discourse and cultural signifiers of horse racing
- Lowell history and gender, class, and race relations between the years 1866-1874
- Public opinion on fame and histories regarding horses of stature

Goals for the Spring:

- Continue search through Lowell archives
- Contextualize findings in a concise medium
- Possibly presenting research at conferences.



The Dark Side of Mentoring

Brittney Tobey – Psychology Department
University of Massachusetts Lowell



Project Description

- Looking at how collaborative arrangements effect *perceptions of individual contribution*
- Building upon prior research by Dr. Haynes re: teams
- Men get the credit & women get the blame
- Current project → Measuring how success is attributed in a mentor/mentee relationship

| <u>Experimental Design</u> | Formal Mentor | Informal Mentor | No Mentor/Control |
|----------------------------|----------------------|------------------------|--------------------------|
| Male | n~ 20 | n~ 20 | n~ 20 |
| Female | n~ 20 | n~ 20 | n~ 20 |

My Role

Collaborated on:

- Developing experimental paradigm
- Qualtrics programming
- Data Collection
- Data Analysis

What I've Learned

- Literature Reviews
- IRB Approval Process
- Designing an Experiment
- Qualtrics Programming
- Collecting Data

Plans for Spring

- Analyze Data
- Follow up study(ies)
- Present findings at conferences
- Submit for publication

DOMESTIC OBJECTS IN MODERNIST WOMEN'S WRITING

Kelsey McDonough

Project Description

We are studying the roles domestic objects play in the narratives of modernist women writers, and examining how objects function to contain memories of experience. Additionally, we are concerned with how these objects become part of characters' personal narratives or identities. Our project involves carefully reading selected novels by Virginia Woolf and cataloguing the roles that domestic objects play therein. The roles such objects play in fiction can "express the oddity" of one's temperament and "enforce" memories, and are therefore worthy of our study.

My Role

- Conduct close reading of texts
- Annotate texts in order to facilitate analysis
- Read relevant theory
- Help establish analytic tools for reading texts
- Apply analysis to selected texts

Plans for the Spring

- Collect additional qualitative data from Virginia Woolf texts
- Continue research on transitional objects and D.W. Winnicott, further determining application to domestic objects
- Submit a paper for the UML Gender Studies Conference
- Determine the significance of the changed American edition through writing, research, and discussion with Woolf scholars
- Write an article for the *Virginia Woolf Miscellany* about the different editions of *To the Lighthouse* to provide scholars with new material for further research

What I've Learned So Far

- Confirmed that Woolf is using objects to speak to: memory, loss, gendered identity, oppressive social structures, and nostalgia
- Collected extensive data, or qualitative material, for a publishable paper on this subject
- Discovered a critical difference, in the American edition of the novel, directly pertaining to a significant domestic object in the text which suggests either authorial or editorial revision



Students with Disabilities and the School-to-Prison Pipeline

Stephanie Bizeur
Department of Psychology

Picture your old High School

Now picture this...

What's the Reaction?

How long to suspend?

Does it matter if...

Black or White?



Disability or not?

Yes, Yes, & YES!

Why does it matter?

Risks of repeated
suspensions

Disengagement--Risks of
drop out

Best predictor of
delinquency?

Time out of school

My Project

My Role

I've Learned

What's Next

Bias towards students
with disabilities?

Develop measures

Teamwork

One more wave on
campus

Experiment to show
Cause-Effect

Collect, analyze data

How to develop valid
& reliable measures

Finding meaningful
results

Groundwork: Develop
sound measures

Review articles

Qualtrics

Then real teachers,
real schools, real
impacts!

Collaborate



Analyzing indicators of disorder, community structure, and crime in Lowell, MA



Sarah Herrick
Anthony Omobono

Kelly Socia
Melissa Morabito

Lesson Learned

- Research process/
Teamwork
- Inter-rater reliability
- How to code:
 - Techniques for efficiency
 - Critical attention to detail
- Understanding the diversity in social conditions throughout Lowell, MA

Project Description

- Is there a correlation between the coding done with Google Street View and the coding done by manually videotaping street segments?
- Randomly selected block groups in Lowell, MA
- Use Google Street View and record indicators of social disorder on spreadsheet
- Do indicators of social disorder correlate to higher crime rates?

Our Roles

- Helping to create and revise the code book
 - “Iterative Process”
 - Trials and tribulations
 - Coding in Excel.
- Investigative reading on social disorder and crime

Our Goals

- Finish coding street segments
- Data analysis and paper drafting



Indicators

| Litter | Junk | Trash Cans |
|-----------|-------------------|---------------------|
| 5 | 2 | 2 |
| Loitering | Criminal Activity | Using/Selling Drugs |
| 1 | 1 | 1 |



BRITTNY MARAVELIAS

UNIVERSITY OF MASSACHUSETTS LOWELL

What's the problem?

- Prevalence rates on campus still high despite prevention efforts
- More research needs to be conducted to improve prevention strategies



Project Description

- Self-report survey
- "Hotspots" of sexual violence

"1 in 5 Women | 1 in 16 Men"
(NSVRC, 2015)

What have I been up to?

- Designed the survey in Qualtrics
- Pilot tested survey
- Set up survey for administration using SONA
- Coding data in SPSS for final data analysis
- Conducting literature search
- Working on abstracts for the Eastern Sociological Society Conference and the UML Gender Studies Conference

What have I learned?

- How to apply coursework to real-world problems
- How to work with a professor
- I really enjoy conducting research!

What's coming next?

- Data analysis
- Preparation for conferences
- More data collection in the Spring
- Potential IRB amendment/submission



Thank you!

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