

Department of Psychology

Lab Preview 2024

**Grab a slice and
Get a handout**

Ways you can participate as an RA

Volunteer

For course credit (PSYC 3950)

0 - 4 credits (3 credits to count towards a psych major)

Work-Study Options

Very occasional non work-study paid positions

But I don't have any
experience ...

Thank you!

1. The Living Lab; PI: Alfredo Spagna; Representative(s): Emily Grace Crouse - as5559@columbia.edu
2. SCAN Lab; PI: Kevin Ochsner; Representative(s): Jo He - zh2473@columbia.edu
3. Metcalfe Lab/Metacognition and Memory Lab; PI: Janet Metcalfe - zh2473@columbia.edu
4. Dynamic Perception and Memory Lab; PI: Chris Baldassano; Rep.: Taylor Chamberlain - columbiadpml@gmail.com
5. The Learning Lab; PI: Daphna Shohamy; Representative(s): Taylor Chamberlain - sx2406@columbia.edu
6. Social and Moral Cognition Lab; PI: Larisa Solomon; Representative(s): Sophie Charles - see slide for details
7. CORE Lab/Davachi Lab PI: Lila Davachi; Representative(s): Erin Welch - see slide for details
8. Couples Lab; PI: Niall Bolger; Representative(s): CJ Concepcion - see slide for details
9. Social Cognitive and Neural Sciences Lab; PI: Jon Freeman; Representative(s): Gabriel Fajardo - www.freemanlab.org/join
10. Cognitive Science and the Humanities; PI: Nora Isacoff - ni2237@columbia.edu
11. The CyberPsych Lab; PI: Usha Barahmand - ub2142@columbia.edu
12. Intergroup Relations & the Social Mind; PI: Valerie Purdie-Greenaway; Rep: John Schupbach - jas2520@columbia.edu
13. Motivational and Social Cognition Lab; PI: Tory Higgins; Representative(s): Emma Miller - em3632@columbia.edu
14. Marlin Lab; PI: Bianca Jones Marlin; Representative(s): Ciela Chavez Gilbride - contact@biancajonesmarlin.com
15. Center for Justice ; PI: Geraldine Downey; Rep(s): Ava Kamdem & Gabe Feldman - centerforjustice@columbia.edu
16. ACT Lab PI: Sheena Iyengar; Representative(s): Malavika Krishnamachari - mk4182@columbia.edu
17. COMBO - Dumitriu Lab; PI: Representative(s): Andreane Lavalle and others- al4196@cumc.columbia.edu

The Living Lab

PI: Prof. Alfredo Spagna
Rep: Emily Grace Crouse

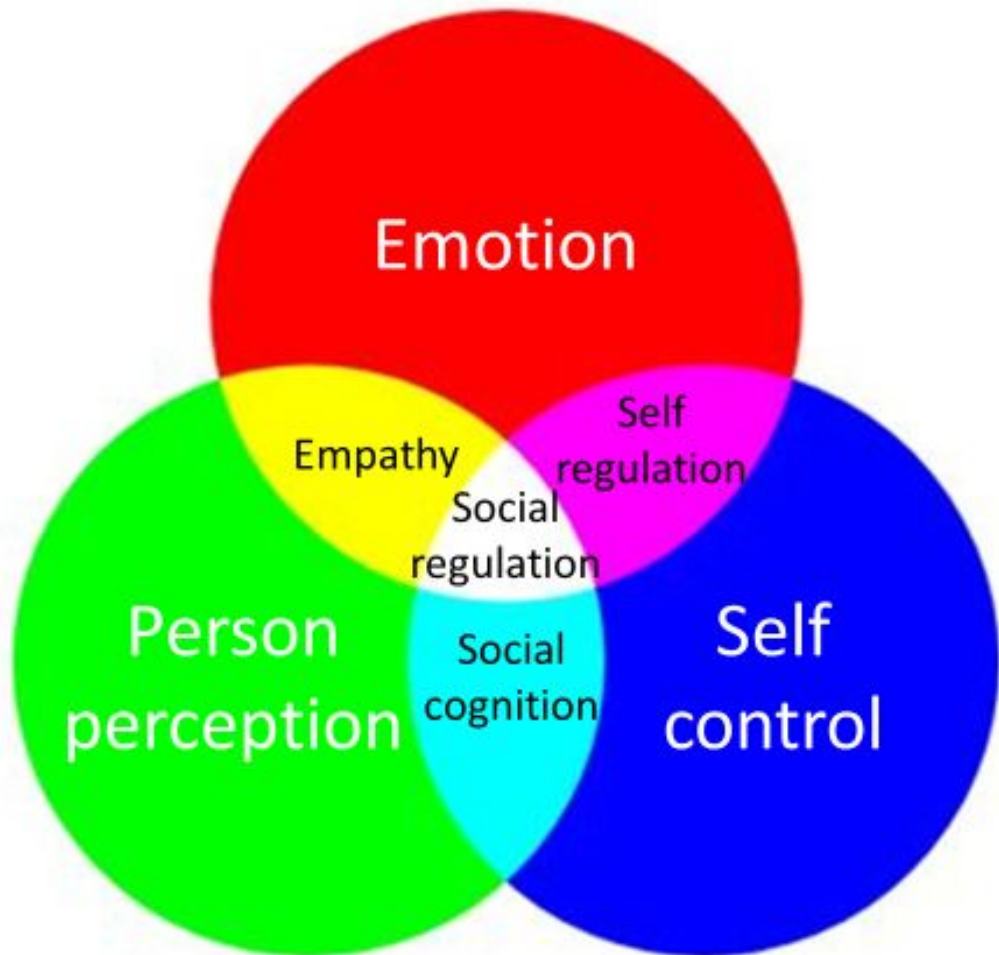
Neuroscience of attention, perception and visual mental imagery



Scan Lab

PI: Prof. Kevin Ochsner
Rep: Jo He

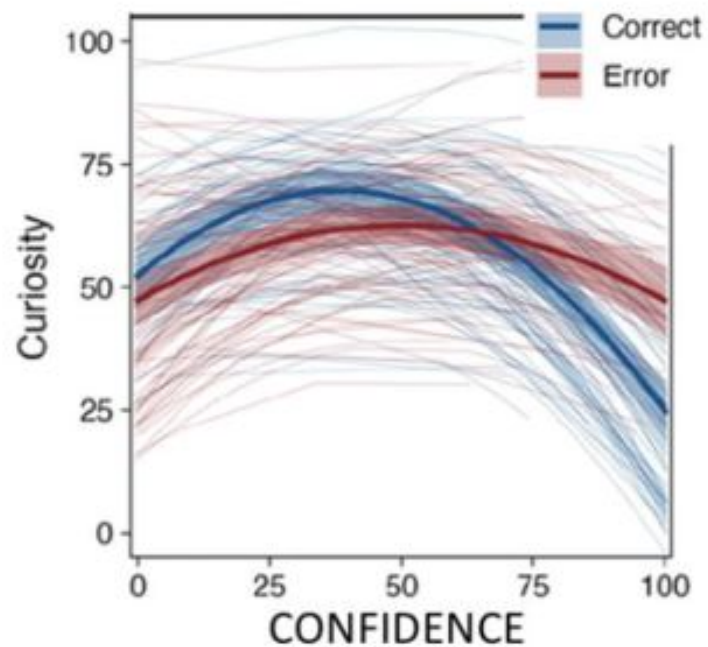
Social
Cognitive &
Affective
Neuroscience Lab



Metacognition and Memory L

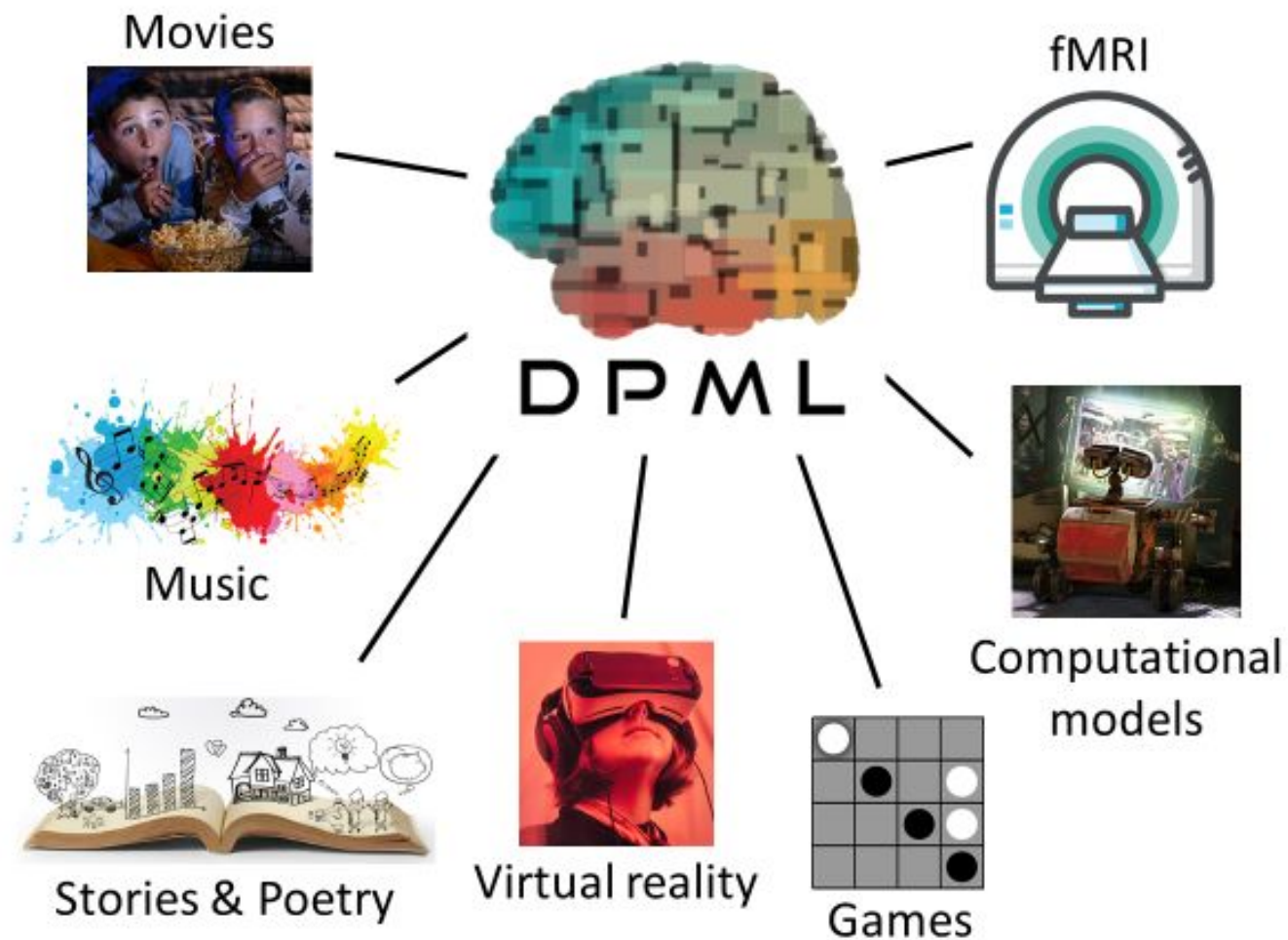
PI: Janet Metcalfe

Metcalfe lab:
Curiosity and Discrepancy Detection.



Dynamic Perception and Memory Lab

PI: Prof Chris Baldassano
Rep Taylor Chamberlain





DPML



Research

People

**Publications and
Resources**

**Getting Involved in the
Lab**

<http://www.dpmlab.org/>

Types of positions in the lab

Volunteer research assistants

If you are a Columbia student and would like to learn more about research in the lab, we are often looking for help with tasks such as designing and annotating stimuli, transcribing or coding verbal recall data, preparing presentation materials, and (for more experienced RAs) running experiments with human subjects. If interested, please email the lab manager at columbiadpml@gmail.com with your resume, a short description about why you are interested in working in the lab, and your availability.

Independent study and Thesis Program

If you are a Columbia student and are interested in working on a research project for course credit (UN3950 "Supervised Individual Research"), contact Dr. Baldassano at c.baldassano@columbia.edu to inquire about the current availability of independent study positions in the lab. Students starting their junior year (or their second-to-last year) should also consider applying for the [Senior Thesis Advanced Research](#) program which involves supervised research during your final three semesters.

Full-time summer research assistants

Over the summer, it is possible to work full-time as a paid research assistant on projects in the lab. Generally people who have already been involved in the lab are prioritized for these positions since they are limited in number. Alternatively, consider applying for research funding such as [through Columbia's research scholar programs](#), which can allow you to bring your own funding support to work in the lab.

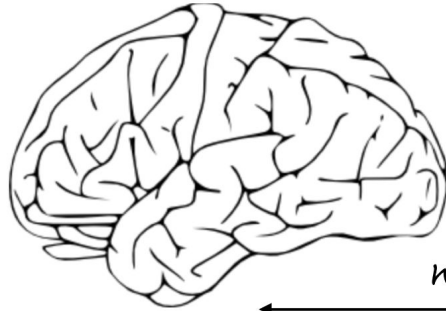
The Learning Lab

PI: Prof. Daphne Shohamy
Rep: Taylor Chamberlain

Shohamy Lab

Zuckerman Mind Brain Behavior Institute

Learning, Memory, Decision Making

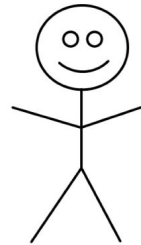


memory



Which lab should I join?

Hippocampus
Striatum
Dopamine
Adolescence
Brain Disorders



Social and Moral Cognition Lab

PI: Prof. Larisa Solomon
Rep: Sophie Charles

Social & Moral Cognition Lab

We study how children and adults...

...perceive the
criminal justice
system



...make moral
decisions

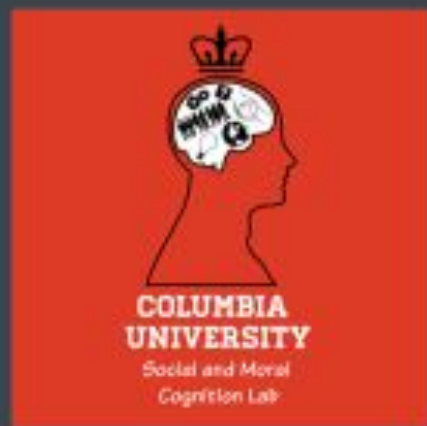
...reason about and
interact with people who
are different from them



...reason about
supernatural
entities (e.g., God)



Scan Here to Find Our Application Page!



CORE Lab

PI: Prof. Lila Davachi
Rep: Erin Welch

Interested in memory research?



email eev2153@columbia.edu w/ subject line
'Research Assistant Interest'

The Couples Lab

PI: Prof. Niall Bolger
Rep: CJ Concepcion

Columbia Couples Lab

Columbia University, Department of Psychology



- The Columbia Couples Lab seeks to understand dyadic processes, especially those that are evoked when dyad members are facing stressful experiences, particularly in close relationships.
- We use both lab-based experimental studies and naturalistic, longitudinal studies of daily experiences
- Overall, we look at how people support each other both effectively and ineffectively. We want to learn how to maximize the effectiveness of supportive behaviors.



**WORK WITH THE
COUPLES LAB
THIS FALL!**



Research Assistant



The Couples Lab is looking for a research assistant to assist in a lab study investigating social support processes in romantic couples.

Details

- 10-12 hours a week, in-person, varying weekly schedule
- Minimum 15 hours of availability, with weekend availability
- No prior research experience necessary!
- RA will gain experience in various aspects of a dyadic psychophysiology and daily diary study
- Responsibilities include data collection, scheduling, and recruitment
- Unpaid position but can earn course credit, minimum 3 credits, ideally 4 credits

****DEADLINE TO APPLY SEPTEMBER 11TH, 2024 11:59 PM****

APPLY NOW

tinyurl.com/CouplesLabApplication

Email Nicole Mbibi (nnm2134@columbia.edu) & CJ Concepcion (cj.concepcion@columbia.edu) once you've submitted your application!

Social Cognitive and Neural Sciences Lab

PI: Prof. Jon Freeman
Rep: Gabriel Fajardo

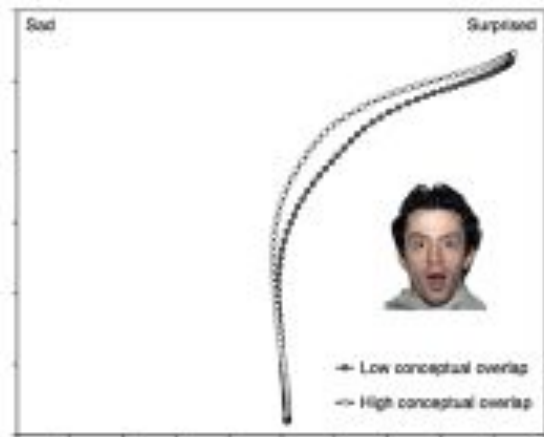
Person Perception



Social Categorization



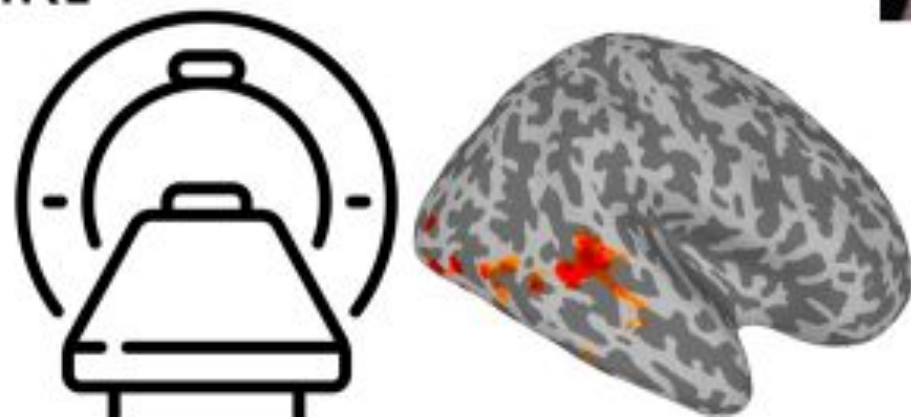
Online Study Creation



Automated Feature Extraction



fMRI



www.freemanlab.org/join

Cognitive Science and the Humanities

PI: Prof. Nora Isacoff



New York Institute
for Cognitive Science
and the Humanities

Currently accepting applications for the following contributions:

1. Diverse Discourse Fellowship: Data analysis
2. [Self-Communication](#): Reviewing the literature
3. Web development

Contact:

Nora M. Isacoff
ni2237@columbia.edu

CyberPsych

PI: Prof. Usha Barahmand

Dr. Barahmand's CyberPsych

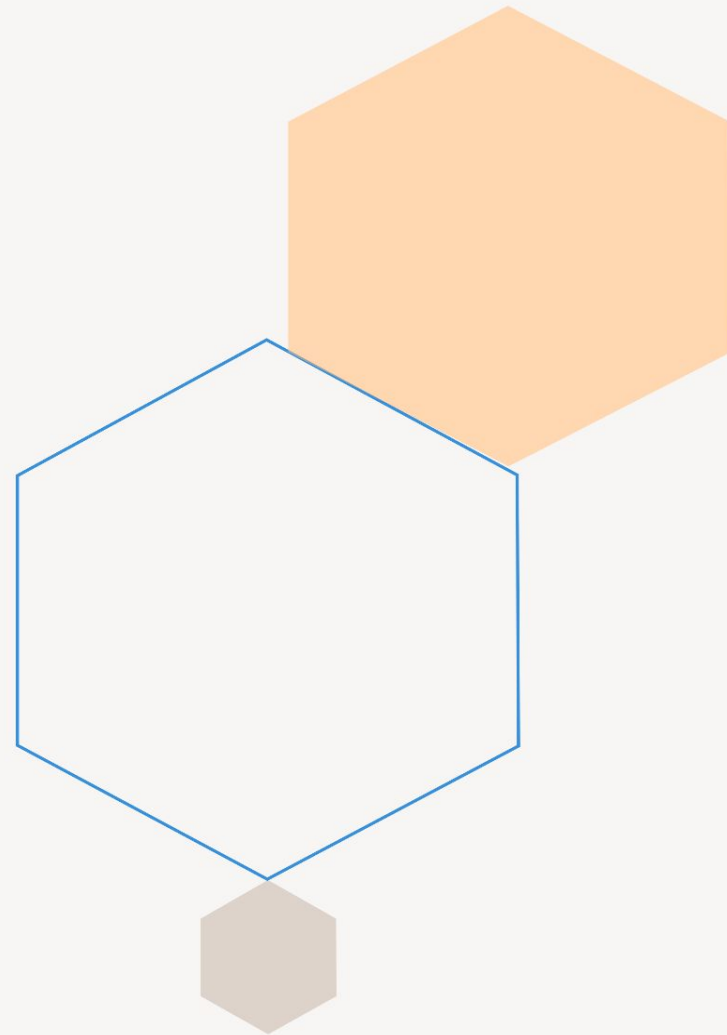
Research in Clinical Psychology and Personality

Stanley Davis, swd2117@columbia.edu

Dr. Barahmand, ub2142@columbia.edu

We meet weekly as a team to work on various topics in clinical psychology and personality.

If you are interested, please reach out to Dr. Barahmand with your GPA and CV.



Laboratory for Intergroup Relations and the Social Mind

PI: Prof. Valerie Purdie-Greenaway
Rep: John Schupbach

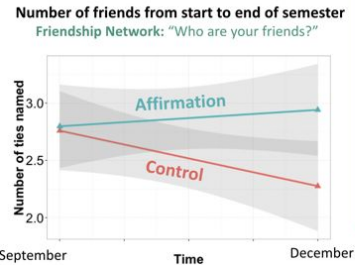
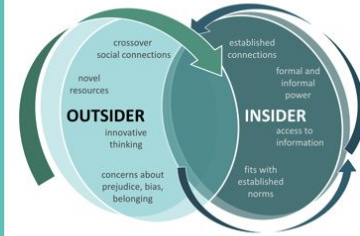
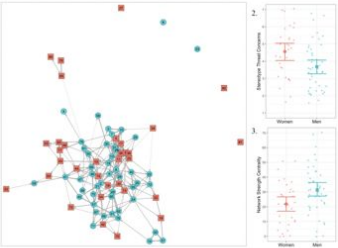
OUR WORK

We explore how social networks and relationships are crucial to success in tough STEM courses.

We study the causes and consequences of insider/outsider dynamics.

We design interventions to close opportunity gaps.

We explore which kinds of diversity, equity, and inclusion evidence people trust and why it matters.





Laboratory for Intergroup
Relations and the Social Mind

We are a great lab if you want an experience to help you
be **competitive for psychology graduate schools**,
as well as advanced degrees in **medicine, law, education, or social work**.
Or, if you want to just be a better human!

Principal Investigator:
Valerie Purdie-Greenaway



Contact our Lab Manager:
John Schupbach
jas2520@Columbia.edu

Visit our website!



Motivational and Social Cognition Lab

PI: Prof. Tory Higgins
Rep: Emma Miller

The Higgins Lab studies how we create Shared Reality

*in close relationships,
dyadic microcultures,
laughter,
social emotion regulation,
conversation,
neural synchrony...*

& we looooooove theory-driven science

The Marlin Lab

PI: Prof. Bianca Jones Marlin
Rep: Ciala Chavez Gilbride

Social Relations Lab and The Center for Justice

PI: Prof. Geraldine Downey
Reps: Ava Camdem and Gabe Feldman

Initiatives



**Project Restore
Bed-Stuy**



JIE
THE JUSTICE-IN-EDUCATION INITIATIVE
AT COLUMBIA UNIVERSITY

Research

Type of Crime	All Precincts	Precincts w/o Cure Violence	Precincts w/ Cure Violence	Precinct 79	Precinct 81
Shootings	-27%	-21%	-30%	+10%	-48%
Felony Assault	+7%	N/A	N/A	-10%	-9%
7 Major Felonies	0%	0%	0%	+2%	-18%

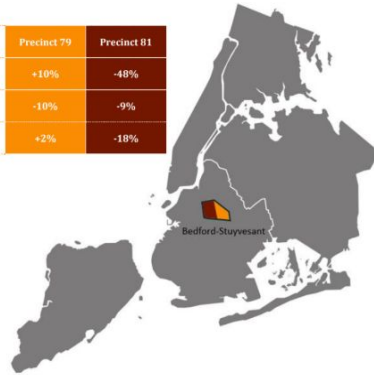
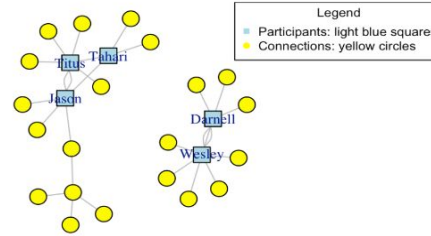
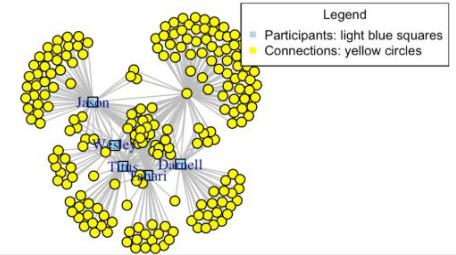


Figure 10: Percentage changes in Serious Crime Rate across the 79th and 81st Precincts from 2022 to 2023¹⁰

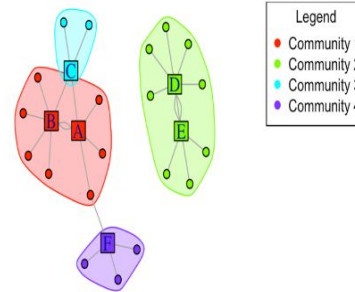
Participants' Connections in 2022



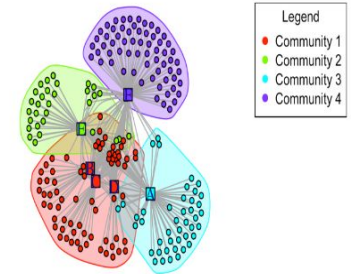
Participants' Connections in 2024



Participants' Connections in 2022 with Communities



Participants' Connections in 2024 with Communities



Authenticity, Choice and Technology (ACT) Lab

PI: Prof. Sheena Iyengar
Rep: Malavika Krishnamachari

Combo Lab

PI: Prof. Dani Dumitriu
Rep: Andrean Lavelle

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