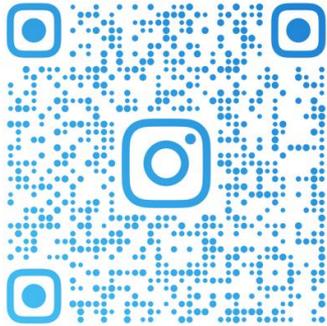


Research in Geography Colloquium

...

October 7th, 2022

Welcome!



UNC GEOGRAPHY

UNC Geography and GUAC Presents...

RESEARCH IN GEOGRAPHY

Learn tips
and tricks
for how to
get involved
in research



Q&A Panel!

Meet
undergrads and
professors
involved in
research

Light refreshments
and snacks!

Friday, October 7th

3:30 p.m.

Carolina Hall, Room 220



UNC GUAC

Getting Started in Undergraduate Research



RACHAEL FISHER

STUDENT AMBASSADOR

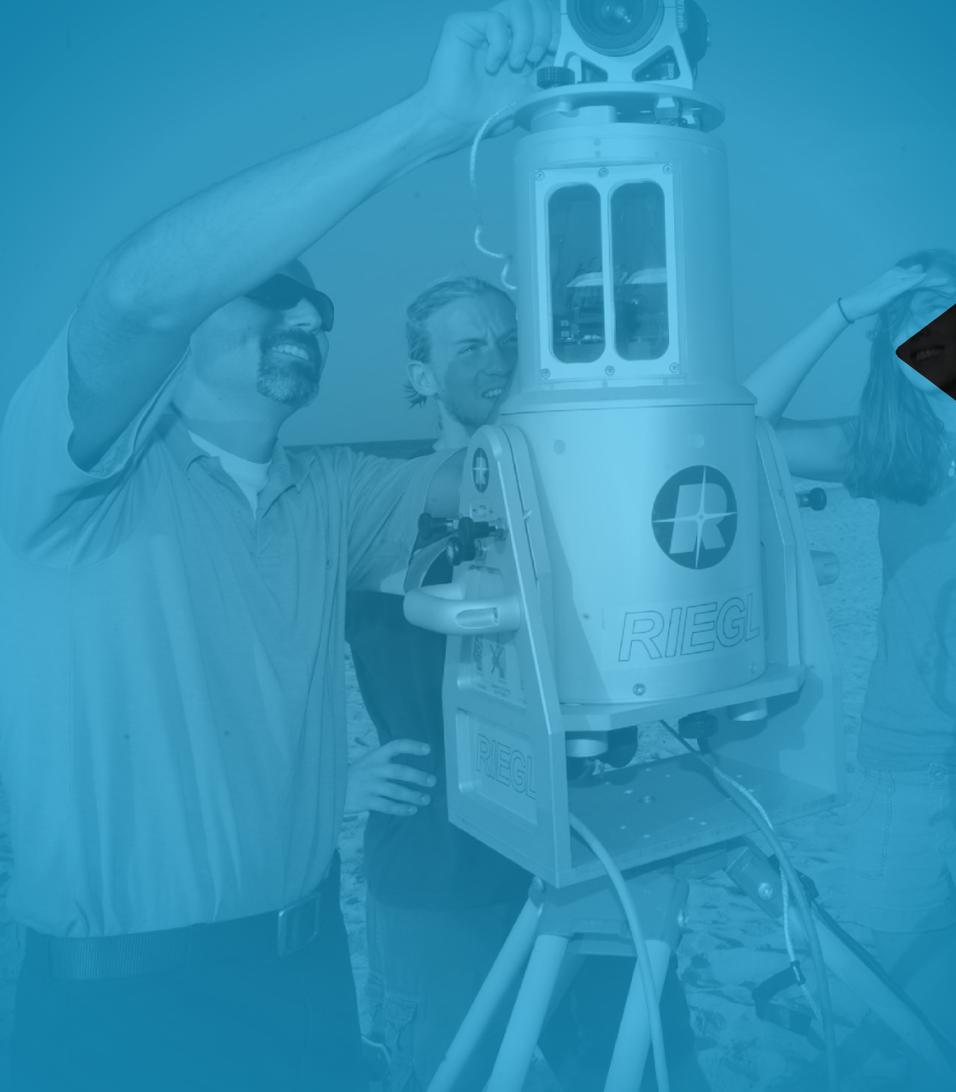
OFFICE FOR UNDERGRADUATE RESEARCH

Let's chat!

- ? What excites you about getting involved in undergraduate research?
- ? What's most intimidating to you about getting involved in research?

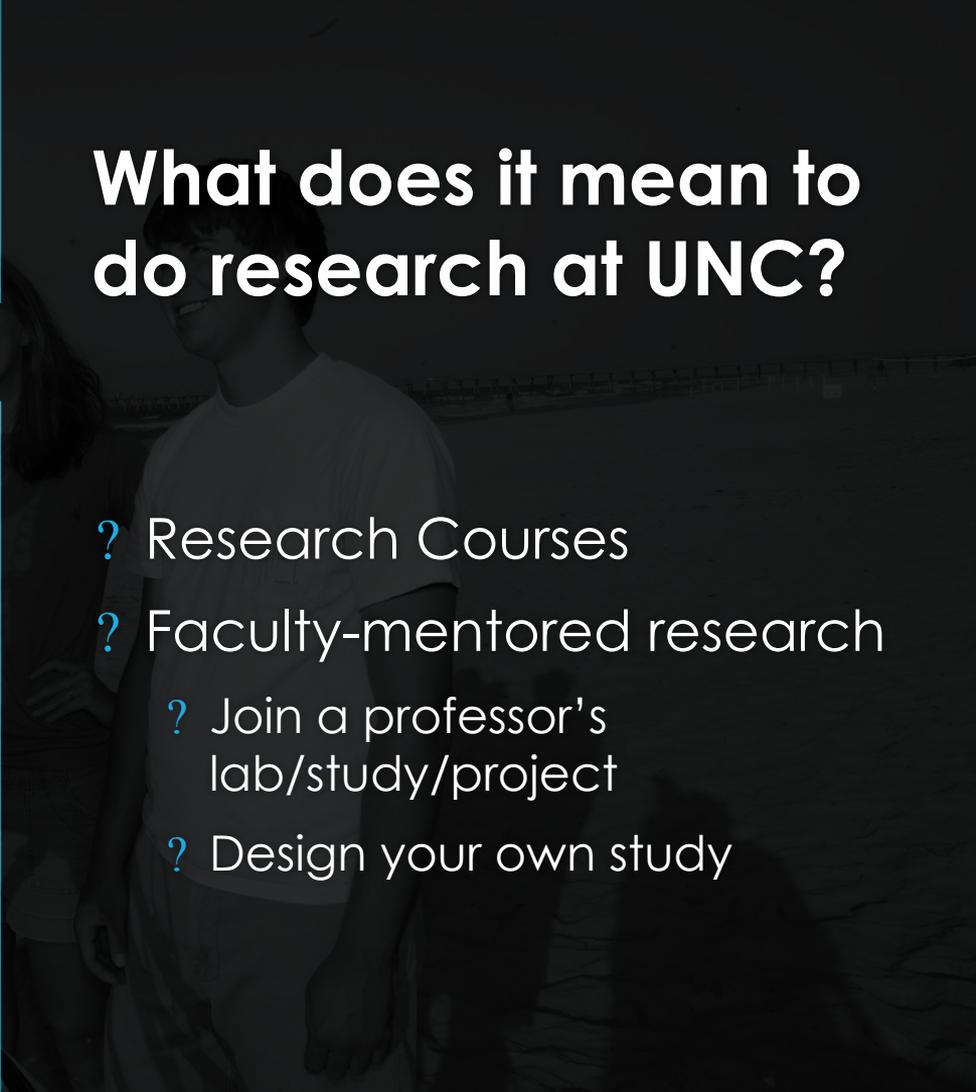
What are the advantages of doing research as an undergraduate?

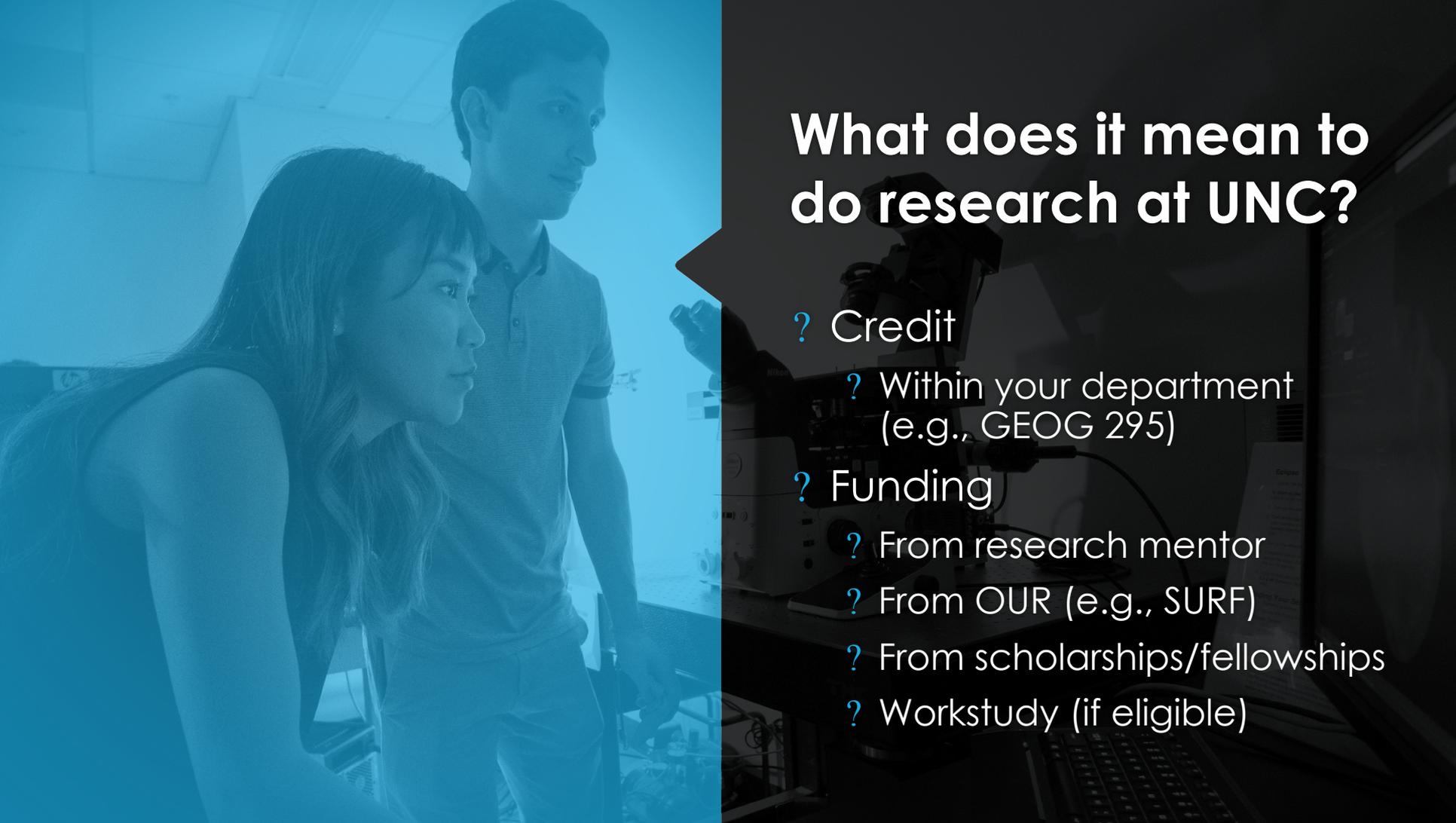
- ? higher rates of retention and persistence to graduation
 - ? higher GPA
 - ? increased student satisfaction
 - ? increased rates of acceptance to graduate and professional schools
 - ? increased self-confidence
- . . . and many other positive outcomes



What does it mean to do research at UNC?

- ? Research Courses
- ? Faculty-mentored research
 - ? Join a professor's lab/study/project
 - ? Design your own study





What does it mean to do research at UNC?

? Credit

- ? Within your department (e.g., GEOG 295)

? Funding

- ? From research mentor

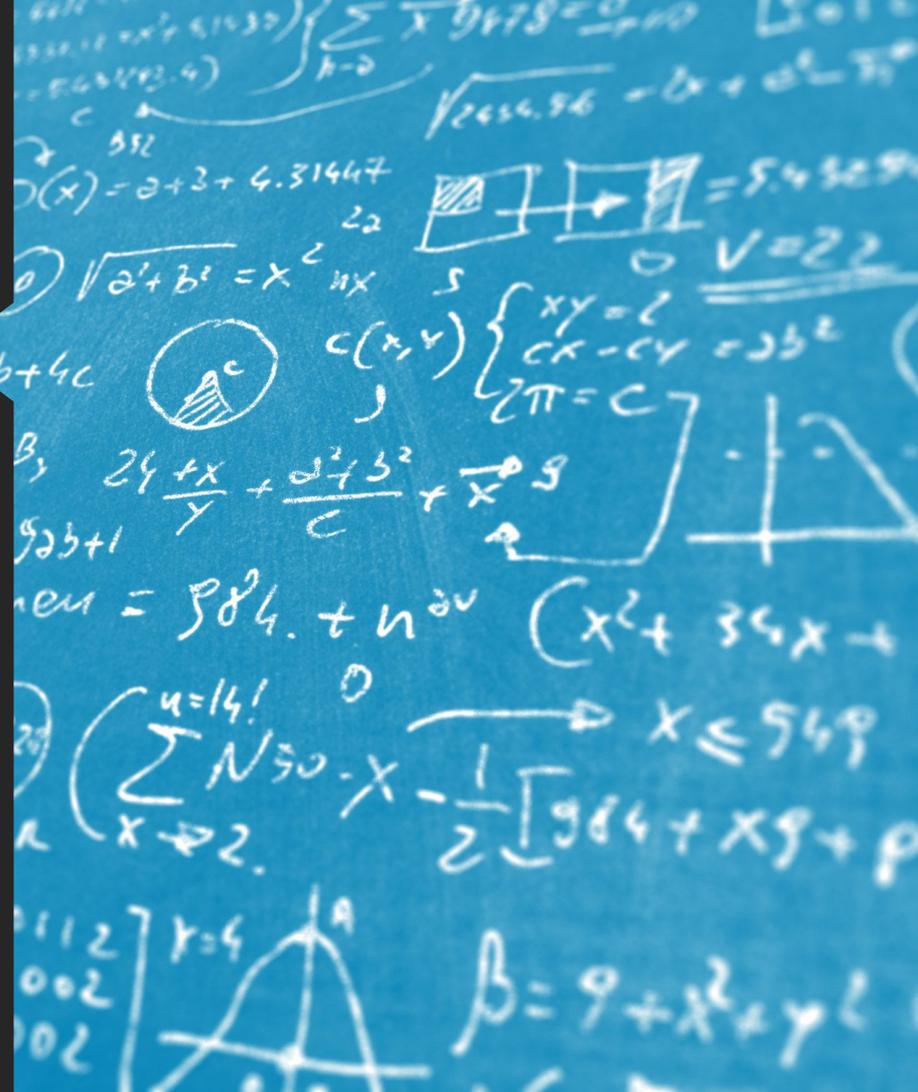
- ? From OUR (e.g., SURF)

- ? From scholarships/fellowships

- ? Workstudy (if eligible)

Overall approach to getting started

- ? No one NEEDS to do research their first year at college.
- ? Ideally, the more you know what you want to study, the better
 - ? If you're not sure take an exploratory approach. Figure out interests by looking at faculty/lab webpages, publications, talking to others.
- ? **Connecting with researchers** is your best way to get involved.
 - ? Never too early to ask professors or peers about their research.



How can you get started?

1. Take a research class
2. Network/find mentors
3. Look for postings
4. Talk to GEOG liaison
5. Connect with OUR



How can you get started?

1. Take classes that expose you to research – talk to advisors/Directors of Undergraduate Studies

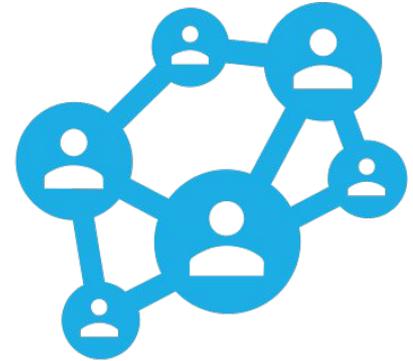
- ? Research and Design Courses
- ? Labs
- ? Other research skills
 - ? Qualitative/ethnography
 - ? Quant/stats
 - ? Lit reviews/writing



How can you get started?

2. Connect/network/find mentors

- ? Ask your professors about their research.
 - ? Reach out to other professors doing research that interests you.
 - ? Show them your passion/curiosity.
 - ? In most cases, you don't have to start with a direct ask. "I'm a first year hoping to get involved in research in _____ in the next couple of years" communicates your interest and opens more possibilities.
- ? Be clear and humble in asking for a short meeting.



How can you get started?

2. Network/find mentors

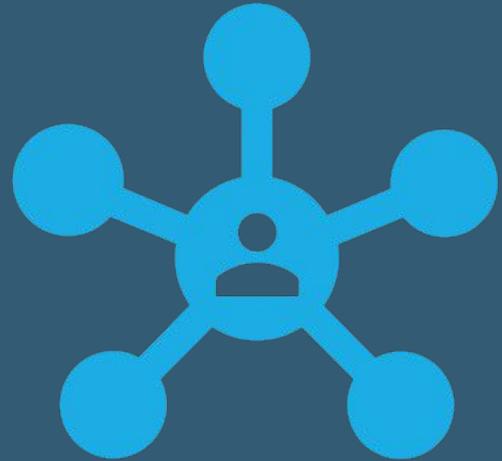
- ? Where to find?
 - ? Faculty webpages
 - ? UNC-affiliated institutes/research facilities (see OUR)
 - ? GOOGLE “_____” & “Research” and “UNC”
 - ? Ask!



How can you get started?

3. Look for postings

- ? Departmental postings
 - ? Mailing lists/listservs
 - ? Boards around department
- ? OUR's Database of Research Opportunities



How can you get started?

4. Talk to Geography faculty liaison

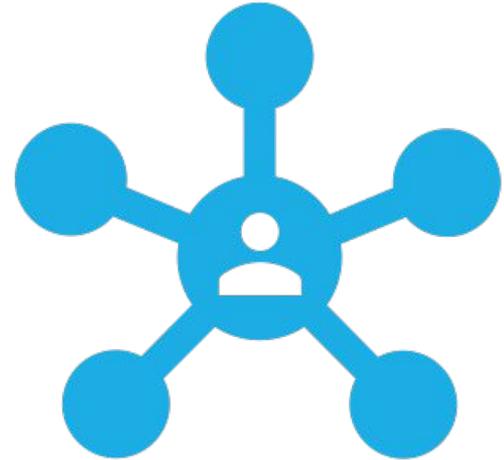
? Nina Martin (professor)



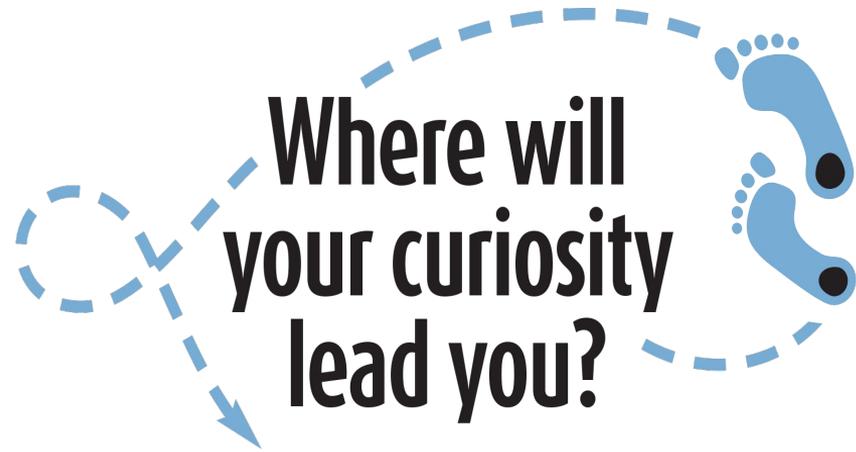
How can you get started?

5. Connect with OUR

- ? Browse website
- ? Sign up for newsletter
- ? Contact an OUR Faculty liaisons
- ? Connect with OUR Student ambassadors
- ? Make an appointment with OUR staff



QUESTIONS?



**Where will
your curiosity
lead you?**

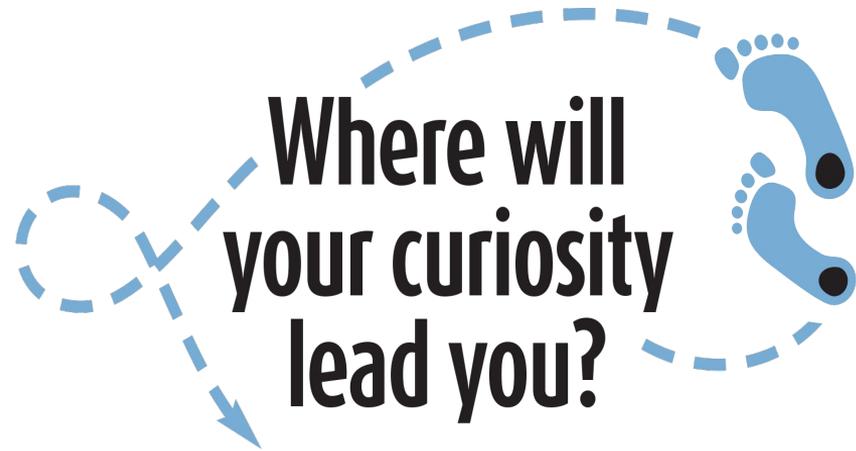
Office for Undergraduate Research

our.unc.edu

CONTACT US!

Bob Pleasants
bpleas@email.unc.edu

Make an appointment
<https://calendly.com/bpleas>



**Where will
your curiosity
lead you?**

Office for Undergraduate Research

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Undergraduate Experience in Research



Ana Zurita Posas Big Data Revolution and Ocean Governance

OCEAN DATA PLATFORM

ABOUT FEATURES USERS PARTNERS LOG IN JOIN US

Connecting people, data and technology

The Ocean Data Platform (ODP) is an open and collaborative platform that harnesses the power of data liberation and contextualization for the people

JOIN US

THE OCEAN AGENCY

2021-2030 United Nations Decade of Ocean Science for Sustainable Development

Ocean Image Bank

Search images...

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eOceans

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eOceans powers innovative teams with cutting-edge tools to collaboratively track ocean health, MPAs, fisheries, species, blue carbon, blue economies, pollution, climate change, and more — in real-time.

FOR THE OCEAN. FOR US.

National Oceanic and Atmospheric Administration's
National Data Buoy Center
Center of Excellence in Marine Technology

Home About Us Contact Us

Recent Data Historical Data Show Layers Map Type: Oceans Bookmark This Link to Save Current Map/View

Program Filter: NDBC Moored/Buoys/Albatross International Partners Tropic Islands

Owner Filter: NDBC Alaska Ocean Observing System AONIS

1322 stations deployed
826 have reported in the past 8 hours

Disclaimer
Get Observations by Program as OBC
Get Observations by Owner as DBC

LUKE FRANCIS

- ❖ Research Assistant with Center for Urban Studies for a year in Housing/Community Development

DRAFT

Supporting Residents in Moving to Work

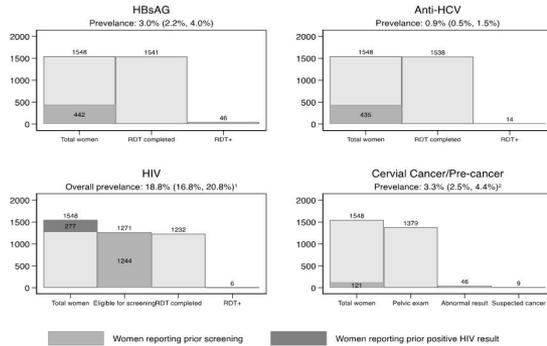
Evaluating INLIVIAN's Pilot Work Requirement Policy

December 2021

Prepared by the Center for Urban and Regional Studies:
Luke Francis
Sydney Corn
Michael D. Webb, PhD, Principal Investigator

Prepared for INLIVIAN:
A. Fulton Meachem, CEO
Kim Cole, EVP for Administrative Operations





*Prevalence of HIV among newly tested women: 0.5% (0.2%, 1.1%)

*Prevalence of VIA+: 2.7% (1.9%, 3.7%); prevalence of suspected cancer: 0.7% (0.3%, 1.2%)

Figure 2. Screening outcomes for hepatitis B surface antigen (HBsAG), hepatitis C antibodies (Anti-HCV), HIV, and cervical cancer/pre-cancer. RDT: Rapid diagnostic test. VIA: Visual inspection with acetic acid (N=1548)

Comprehensive screening for HBV, HCV, HIV, and cervical cancer among Female Sex Workers in Rural Rwanda: A cross-sectional study

Senam Adedze

Bryttani Wooten



Validation of Low Cost Air Quality Sensors

Undergraduate Institution: Penn State University
Graduate Institution: UNC Chapel Hill

Professors in Geography Conducting Research



Asia Wins in Dien Bien Phu

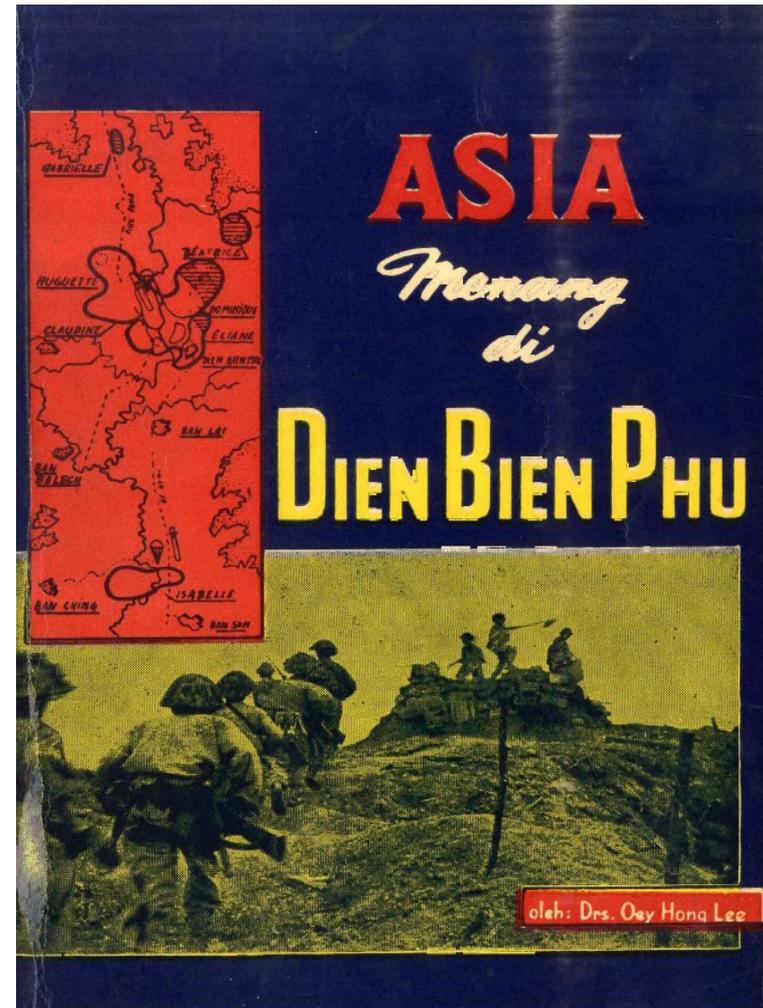
Oey Hong Lee

Djakarta: Penerbit "A.-A." (1961)

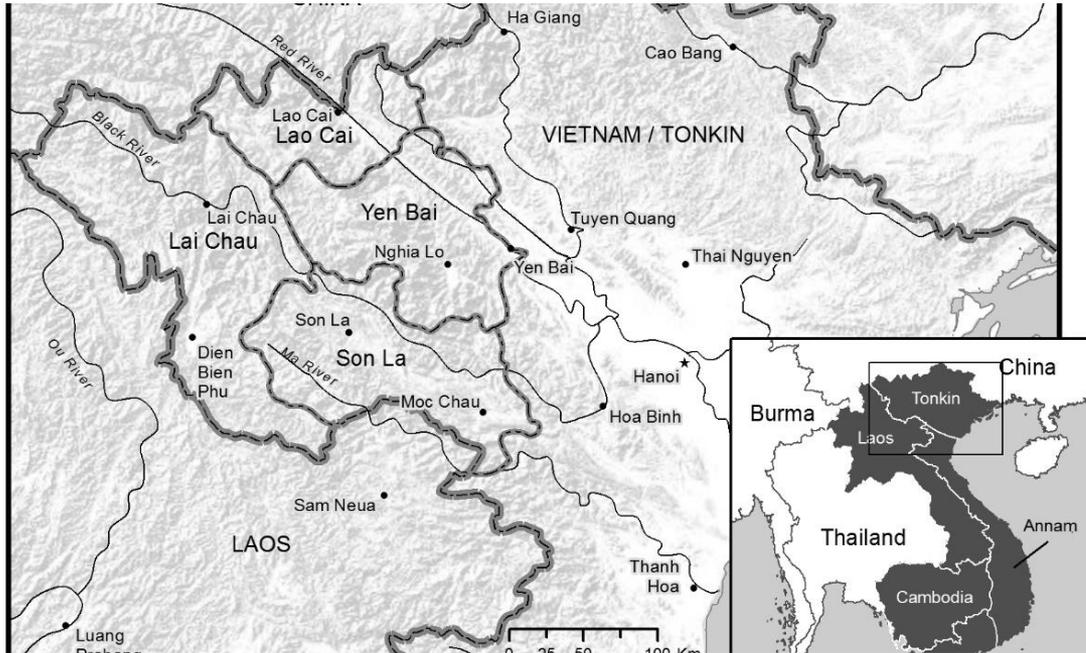
Story of Vietnam's independence struggle told through a narrative that weaves:

- 1) the battle at Dien Bien Phu
- 2) negotiations at Geneva

At climax of First Indochina War (1946-54), Vietnam's victory in May 1954 catalyzed peace agreement in Geneva (July 1954), ending war and securing independence for Vietnam (split), Laos, and Cambodia.



“Where is Dien Bien Phu? What are its geographic conditions?”



Oey locates battle and place in Asia

- Includes China and India; Bandung spirit extends to Africa
- Critique of colonial racism; warns of US neo-colonialism

Why does author eschew “Southeast Asia” (*Asia tenggara*)?

- SEATO (est 1954): creation of American imperialism & hardening Cold War blocs (71-2)
- Splits Asians against one another (Chiang in Taiwan; Rhee in S. Korea; Diem in RVN)

Narrative challenges taken-for-granted regional imaginaries and global power relations



Where in the world?

Dien Bien Phu or Muang Thanh:
A Tai place in Indochina/Vietnam
(ECPAD 1953; CCL 2007)

Hmong place, Khmu place, and so on

Cultural diversity structured by
Vietnamese territory, shaped by
muang politics, reflected in
mountain landscapes

Former opium fields

Wet-rice agriculture

Swidden harvest

Agroforestry garden

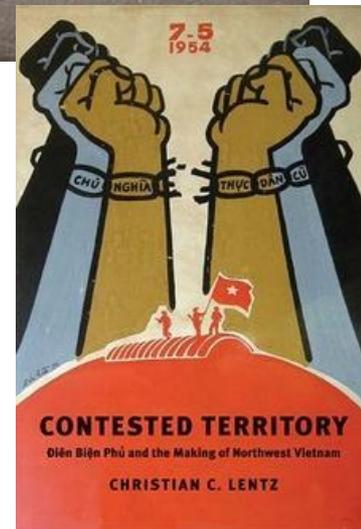
Primary/secondary forest



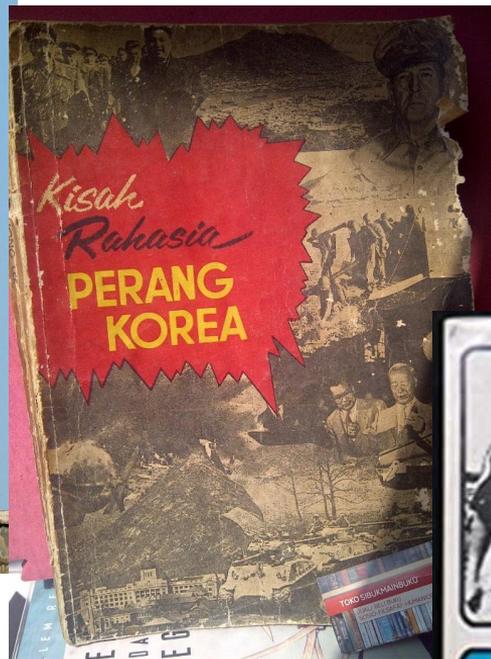


Oey: the anti-colonial spirit won at Dien Bien Phu
Ho and Sukarno (above, 1959)

“7 May 1954
Breaking colonialism’s chains
Victory of Dien Bien Phu”
artist: Đức Hòa (left, 1984)



Two-track research , or connecting Vietnam & Indonesia



Gendering the Northwest frontier:
Vietnamese territorial expansion and landscapes of
memory

Who was Oey Hong Lee?



Prof. Gabriela Valdivia

Human-environment &
resource geographies

Feminist Political Ecology
Digital Storytelling

Amazonian
geo-visualizations



Dr Nina Martin
NinaM@
email.unc.edu

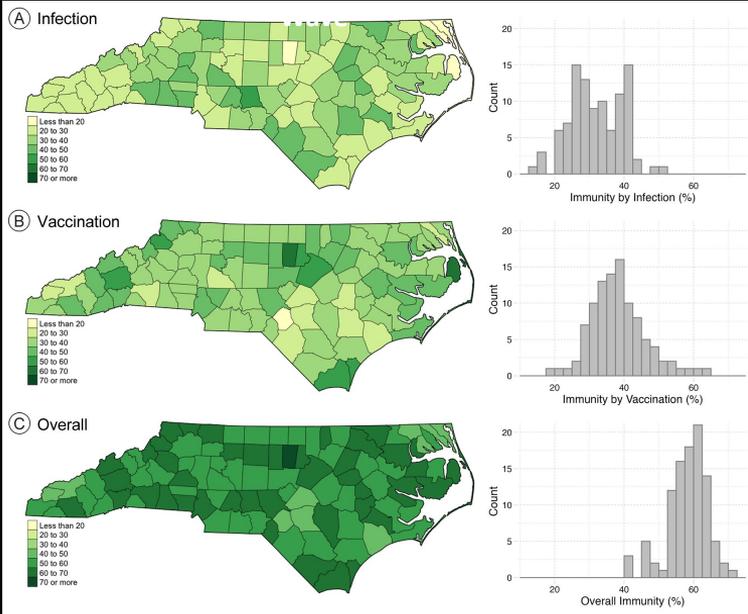
Excavating
Contradictions
Through Urban
Research



Prof. Paul Delamater

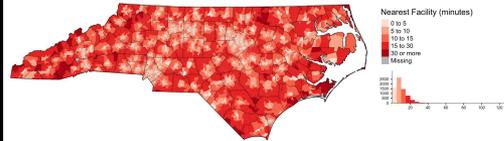
- Vaccine hesitancy and disease outbreak risk
- Access to and use of health care services
- GIS and spatial analysis

SARS-CoV-2 Immunity at the beginning of Delta

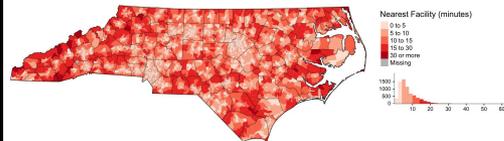


Travel Time to Nearest Vaccination

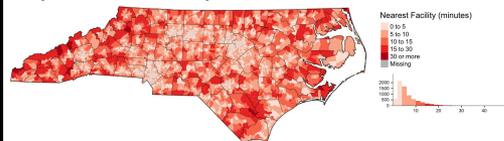
January 04, 2021 to January 10, 2021



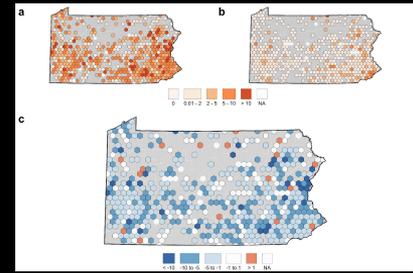
March 01, 2021 to March 07, 2021



May 03, 2021 to May 09, 2021



Provisional
Entrants
(%)
Change



Contents lists available at [ScienceDirect](#)

Spatial and Spatio-temporal Epidemiology

Journal homepage: www.elsevier.com/locate/spe

Hospital surge capacity for an influenza pandemic in the triangle region of North Carolina

Rachel L. Woodul^{1,*}, Paul L. Delamater^{1,2}, Michael Emch^{1,3}

¹Department of Geography, The University of North Carolina at Chapel Hill, NC, United States
²Carolina Population Center, NC, United States

Maternal and Child Health Journal
<https://doi.org/10.1007/s10994-020-02968-4>

BRIEF REPORTS

Travel Time to Title X Facilities and Teenage Birth Rates in North Carolina

Christopher A. Bennett¹, Paul L. Delamater¹

The European Journal of Public Health, Vol. 30, No. 5, 993-995
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[doi:10.1093/ejpub/ckaa120](https://doi.org/10.1093/ejpub/ckaa120) Advance Access published on 21 August 2020

Short Report

Examining vaccination coverage in Germany: spatiotemporal clustering of MMR coverage, 2008–14

Cory N Spencer¹, Paul L. Delamater^{1,2}

¹ Department of Geography, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA
² Carolina Population Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA

ORIGINAL ARTICLE

OPEN

Which Definition of Rurality Should I Use?
The Relative Performance of 8 Federal Rural Definitions in Identifying Rural-Urban Disparities

Julianna C. Long, BSPH,^{1*} Paul L. Delamater, PhD,^{1,2} and George M. Holmes, PhD^{1*}

Q & A Panel!