

## **Aida Rosalia Guhlincozzi**

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### **EDUCATION**

- University of Illinois Urbana-Champaign (UIUC), Champaign, Illinois**  
Doctor of Philosophy in Geography May 2021  
Minor in Latina/Latino Studies  
Overall GPA: 3.8
- University of Illinois Urbana-Champaign (UIUC), Champaign, Illinois**  
Master of Arts in Geography Aug. 2018  
Minor in Latina/Latino Studies  
Overall GPA: 3.8
- Texas A&M University, College Station, Texas**  
Bachelor of Science in Geography – GIS Focus May 2016  
Minors in English and Geoinformatics  
Overall GPA: 3.4

### **RESEARCH INTERESTS**

- Latinx health care accessibility
- Race, gender, and health intersections
- Health GIS & cartography

### **RESEARCH EXPERIENCE**

#### **Geosciences Engagement and Knowledge Camp Methods for Middle School Girls, University of Illinois Urbana-Champaign**

May 2019 – Present

- Organize and run Geosciences Camp for middle school girls to introduce them to the Geosciences
- Collect and analyze experiences of girls at the camp
- Identify methods that would improve the engagement of middle school girls in the Geosciences

#### **Latinx Accessibility to Spanish-speaking Physicians in Chicago Suburbs, University of Illinois Urbana-Champaign**

Aug. 2016 – Present

- Create and curate a GIS database of Spanish-speaking physicians in 3 Chicago suburbs
- Identify spatial mismatch between non-traditional destinations of Latinx immigrants and Spanish-speaking physicians
- Collaborate with local community organizations to provide data in a way that empowers the community

#### **Geography Society Research Project – Waste Disposal, Texas A&M University & SSC Services for Education**

Jan. 2016 – May 2016

- Met with and accepted project from SSC Services for Education
- Successfully negotiated payment/donation for \$3000 to Society upon successful completion of project
- Organized 15 undergraduates to collect entire TAMU campus garbage disposal location data using GPS units
- Designed and implemented a plan to section off areas of campus to collect data with more ease
- Cleaned and packaged final collected data so it could be displayed as a usable map

**Undergraduate Research – Cervical Cancer, Texas A&M University**

Oct. 2014 – May 2016

- Used census data to analyze effects of distance on cervical cancer care continuum in New Mexico
- Utilized ArcGIS to both clean up and study data
- Presented research and developed public speaking skills at research conferences

**Undergraduate Research – Urban Geography, Texas A&M University**

Jan. 2015 – May 2015

- Collaborated with group members to design a research project based around GPS technology
- Collected GPS location data on areas of disrepair for entire TAMU main campus
- Cleaned and formatted data to be created into a map
- Utilized LiDAR data to discover which areas of disrepair could be seen from a certain route
- Results were published in peer-reviewed campus journal & later utilized by SSC Services for Education call for campus grounds improvement

**Undergraduate Research – Biogeography, Texas A&M University**

Jan. 2015 – May 2015

- Reviewed the effects of bats on zoonotic disease spread considering public health practices
- Completed 2 literature reviews on 20 academic source articles each
- Created a poster displaying gathered information and presented poster at Ecological Integration Symposium

**Geography Society Research Project – Medical Geography, Texas A&M University**

Feb. 2015 – March 2015

- Organized and led a student-designed research project to help engage geography students and foster skills in ArcGIS
- Researched number of special needs service providing locations in Brazos Valley (7 counties)
- Identified distances between all towns in Brazos Valley to the Down Syndrome Association of Brazos Valley (DSABV) using ArcGIS
- Created a map representing the distances residents in these towns would have to travel to access services provided by the DSABV
- Presented poster at Student Research Week, a Texas A&M research conference

**PROFESSIONAL EXPERIENCE**

**Geography and GIScience Department, University of Illinois Urbana-Champaign**

Jan. 2017 – May 2017 – *Teaching Assistant; Geography 201 – “Physical Geography”*

- Co-created with course instructor to recreate 12 labs to be more interactive and educationally stimulating
- Taught 3 separate laboratory sections, with an interactive and informative presentation for each week
- Graded 35+ student labs weekly
- Was rated by students as “Excellent” on student evaluations

**Texas Research Data Center, Texas A&M University**

Jan. 2015 – May 2016 – *Student Worker*

- Used QGIS to digitize pre-2000s Census tract maps
- Prepared an RDC spatial database to keep track of all RDC users and employees
- Formatted and inputted racial data to be joined to pre-2000s Census tract maps

### **TAMU Geocoding Services, Texas A&M University**

Jan. 2015 – May 2016 – *Research Assistant Cervical Cancer (CC) project for University of New Mexico*

- Used ArcGIS to display Census and American Community Survey data
- Created maps using Illustrator emphasizing the relationship between affected groups and healthcare locations
- Improved cartography of maps for publication
- Manually corrected addresses missed by the geocoder

### **CAMPUS LEADERSHIP**

#### **Geography Graduate Student Association, University of Illinois Urbana-Champaign**

Aug. 2017 – Aug. 2018 – *President*

- Organize board and graduate students to select and bring a Geography speaker to UIUC
- Organize and encourage multiple general meetings and social events to foster connections between students
- Run monthly meetings to collaborate with students to ensure goals are progressed towards and completed
- Work with department administration to incorporate more policies that match the needs of the graduate students

#### **Latinx Geographies Specialty Group – AAG**

June 2017 – Present – *Founding member/Graduate Student Representative for Executive Board*

- Curate list of Latinx Geographies reading “canon”
- Organize online social media groups to coordinate and foster community amongst Latinx Geographies members
- Coordinate with founding members to generate the materials and support to become an AAG Specialty Group
- Collaborate with other communications members to create a monthly listserv to keep members informed
- Gather support for the specialty group through signature petitions

#### **Epsilon Epsilon Chapter, Gamma Theta Upsilon, University of Illinois Urbana-Champaign**

Aug. 2016 – Present – *Member; Treasurer*

- Manage funds
- Organize group to assist with Geosciences camp
- Organize group to participate in AAG Geomentoring activities
- Collaborate with fellow members on how to bring in new members
- Plan community service events around Geography and GIS for members to be involved with

#### **Healthcare Working Group, Graduate Employee Organization, Urbana-Champaign, IL**

May 2017 – May 2019 – *Co-chair*

- Reactivated the Healthcare Working Group
- Organized a townhall-style health insurance meeting to inform graduate students of their options
- Organized and presented at department-level healthcare information meetings for graduate students
- Assisted the Union’s bargaining team with healthcare information for bargaining points
- Curated information on health insurance and answer person-specific questions for the best choice in insurance
- Created a new, formalized process to speed up management of graduate student health insurance complaints

#### **Geography Society, Texas A&M University**

April 2014 – May 2016 – *Co-President; Member*

- Spearheaded a group research project that brought in \$3000 for the Society upon successful completion
- Applied for and received a scholarship from Esri to take 15 Society members to Esri Petroleum GIS Conference
- Organized society research projects and learning activities to encourage research skills in Geography and GIS
- Recruited professionals in the fields of Geography and GIS to speak at meetings
- Organized and hosted socials to foster a community of students to increase learning and professional connections
- Expanded group from original 3 members to 30+ due-paying and activity-participating members
- Led student officer board of 7 members to expand and create more opportunities for Society members

## **Zeta Zeta Chapter, Gamma Theta Upsilon, Texas A&M University**

Aug. 2014 – May 2016 – *Member*

- Collaborated with Geography Society to create social network
- Encouraged fellow students to strive to meet GTU requirements for entry
- Met and organized with fellow GTU members to increase membership
- Applied for and received Maxfield Scholarship

## **CONFERENCES, WORKSHOPS, & PUBLICATIONS**

- International Medical Geography Symposium**, Queenstown, NZ – Environmental Racism & Health Care July 1<sup>st</sup>, 2019
- Association of American Geographers**, Washington, D.C. – Latinx Accessibility Research April 4<sup>th</sup>, 2019
- Finalist in the Health and Medical Geography Specialty Group Peter Gould Paper Competition
- Texas Computer Education Association**, San Antonio, TX – GIS in the K-12 Classroom Feb. 4<sup>th</sup> – 8<sup>th</sup>, 2019
- Texas Computer Education Association**, San Antonio, TX – Problem-Based Learning Feb. 4<sup>th</sup> – 8<sup>th</sup>, 2019
- Community Geography Workshop**, Atlanta, GA – Peer Support in Research (with Rebecca Shakespeare) Jan. 24<sup>th</sup>, 2019
- One of 42 fellows selected to attend and paid for by NSF
- Franklin STEAM Academy Art + Science Night**, Champaign, IL – Introduction of Geography & GIS Workshop Dec. 13<sup>th</sup>, 2018
- West Lakes Regional AAG**, La Crosse, WI – Latinx Accessibility Research Nov. 2<sup>nd</sup>, 2018
- Won 1<sup>st</sup> place in Master's Level Paper Competition
- Race, Ethnicity, and Place Conference**, Austin, TX – Fear of Deportation Research Oct. 23<sup>rd</sup> – 25<sup>th</sup>, 2018
- Latinx Education Conference**, Iowa City, IA – Latinx Accessibility Research Oct. 13<sup>th</sup>, 2018
- Awarded a travel grant to attend
- CAG Health & Health Care Study Group**, Kingston, Ontario, Canada – Latinx Accessibility Research Aug. 3<sup>rd</sup>, 2018
- Association of American Geographers**, New Orleans, LA – Fear of Deportation Research April 12<sup>th</sup>, 2018
- UIUC Latina/Latino Studies Department Paper Presentation** – Fear of Deportation Research April 3<sup>rd</sup>, 2018
- UIUC Latina/Latino Studies Department Workshop** – “Applying for Graduate School” Feb. 21<sup>st</sup>, 2018
- Monticello Middle School Science Café** – Introduction to Geography and GIS Jan. 19<sup>th</sup>, 2018
- UIUC GIS Day**, Champaign-Urbana, IL – Latinx Accessibility Research Nov. 2017
- Won first place in Poster Competition for Research Quality
- Latinx Education Conference**, Iowa City, IA – Latinx Accessibility Research Oct. 21<sup>st</sup>, 2017
- Awarded a travel grant to attend
- Alamo Heights Middle School Social Studies Class** – Introduction to Geography and GIS Sept. 18, 2017
- Guhlin, A., Cisneros, J., Flores, J. 2015. Crumbling Campus. Explorations.
- Southwestern Association of American Geographers**, San Antonio, TX – Cervical Cancer Research Nov. 2015
- Southwestern Association of American Geographers**, San Antonio, TX – DSABV Accessibility Research Nov. 2015
- PATHWAYS**, Texas A&M University Corpus Christi, TX – DSABV Accessibility Research Nov. 2015
- Student Research Week**, Texas A&M University, TX – Cervical Cancer Research March 24<sup>th</sup>, 2015
- Won 2<sup>nd</sup> place in subject area for oral presentation
- Student Research Week**, Texas A&M University, TX – DSABV Accessibility Research March 24<sup>th</sup>, 2015
- Ecological Integration Symposium**, Texas A&M University – Biogeography Research March 26th, 2015
- Texas State Geography Symposium**, Texas State University – CC Research; Accessibility Research April 10th, 2015

## **SKILLS & TRAINING**

ArcGIS Suite – Advanced  
Python – Intermediate  
Spanish – Intermediate  
R – Intermediate  
SAS – Beginner

Design Software – Advanced:  
Adobe Photoshop  
Adobe Illustrator  
Adobe InDesign

## **SERVICE & MISC.**

### **C-U 1 to 1 Mentoring**

Jan. 2017 – Present – Mentor at Jefferson Middle School

- Meet once a week with a selected student to foster a mentor-mentee relationship
- Listen and engage with student to make them feel welcome and valued
- Advise them with addressing concerns they have

### **AAG GeoMentor**

Aug. 2015 – Present – Mentor at Franklin STEAM Academy; Speaker

- Collaborate with multiple Franklin STEAM Academy educators to introduce ArcGIS Online into the classroom
- Led an introductory ArcGIS Online activity for students at Franklin STEAM Academy Art + Science Cafe
- Collaborated with educators at middle school in Monticello, IL to speak on GIS and Geography
- Collaborated with educators at an elementary & middle school in San Antonio, TX to speak on GIS and Geography
- Organize a Geosciences camp for middle school girls from Franklin to introduce them to the Geosciences

### **Latino/Latina Studies Workshop Panel, University of Illinois Urbana-Champaign**

Nov. 2017 – Present

- Answer questions students have about applying for graduate school
- Discuss personal experiences and advice for attending graduate school

### **Latino/Latina Studies Curriculum Committee, University of Illinois Urbana-Champaign**

Sept. 2017 – May 2018 – Graduate Student Representative

- Attended monthly meetings and brainstormed LLS course improvements for appeal and educational development
- Collaborated with faculty members to identify issues within the structure of LLS courses and rectify them
- Devised methods that would draw more students to register and major in LLS
- Worked to strengthen ties between LLS and Geography department to encourage race and ethnic-focused research

### **Geography & GIS Blog**

May 2014 – Present

- Write posts about cartography and GIS work
- Write posts collecting Geography and GIS articles worth reading and sharing

### **Down Syndrome Association of Brazos Valley (DSABV) Mentor**

Jan. 2013 – May 2016

- Served as a mentor in reading and writing for students of various ages with Down Syndrome
- Attended weekly classes for 1 hour durations over 8 weeks as a mentor for the specific class
- Tutored one-on-one with a student for the duration of the class

## **HONORS**

AAG Health and Medical Geography Specialty Group Peter Gould Paper Competition Finalist	April 2019
UIUC Office of Diversity, Equity, and Inclusion Certificate of Achievement in Service	March 2019
1 <sup>st</sup> place in West Lakes Regional AAG Master's Level Paper Competition	Nov. 2 <sup>nd</sup> , 2018
UIUC GGIS Outstanding Achievement in Service to University and Community Award	May 2018
National Science Foundation Graduate Research Fellowship Awardee	April 2018 – May 2021
1 <sup>st</sup> place in UIUC Geography GIS Day Poster Competition – Research Quality Award	Nov. 2017
Latinx Educational Excellence in the Midwest Conference Travel Grant Awardee	Oct. 2017 & 2018
Selected by students for the List of Excellent Instructors at UIUC	Spring 2017
University of Illinois Urbana-Champaign Graduate College Fellowship	Aug. 2016 – May 2018

Texas A&M Geography Department 2016 Outstanding Student Award  
Texas A&M College of Geosciences 2016 Gold Medallion Recipient  
University of Illinois Urbana-Champaign Graduate College Fellowship  
Gamma Theta Upsilon Maxfield Scholarship  
2nd Place in Subject Area at Student Research Week – TAMU  
Century Scholar Scholarship  
University Initiative Scholarship  
College of Geosciences Dean’s List

May 2016  
May 2016  
April 2016  
August 2015  
March 29, 2015  
Aug. 2012 – May 2016  
Aug. 2012 – May 2016  
Spring 2013