





West Lakes Division of the American Association of Geographers 2023 Annual Meeting

October 19-21, 2023 DePaul University | Chicago, IL



<text>

DEPAUL UNIVERSITY

OCTOBER 20

6-7 p.m.

DePaul University Center, Room 8010 1 E Jackson Blvd, Chicago, IL 60604



SCAN TO REGISTER





Yolanda Richards

Yolanda Richards currently serves as an Account Manager for Local Government at Esri. In this role, she collaborates closely with the City of Chicago and sister agencies to address critical issues using geospatial technology. Yolanda is also involved in various programs and initiatives through NorthStar, a community organization that connects individuals of African descent in the GIS and locational intelligence industry. Prior to joining ESRI, Yolanda worked in business and neighborhood development for over four years at World Business Chicago. In this capacity, she led and supported efforts to promote inclusive business and

economic growth in Chicago. Yolanda also worked closely with community leaders and organizations to enhance linkages among local businesses in neighborhoods and the Central Business District. As a planner by training and deeply committed to equity issues, Yolanda aims to normalize conversations about race and injustice and address them as topics that cut across all industries and sectors. In her free time, she enjoys traveling, spending time with loved ones, pursuing photography since 2015, and laughing as much as possible!

AAG Presidential Lecture



Dr. Patricia Ehrkamp

University of Kentucky Arts & Sciences Distinguished Professor Professor of Geography

Vice President, American Association of Geographers (AAG)

6:00-8:00 p.m	•	
6:00-8:00 p.m.	Welcome Reception & Registration Refreshments and cash bar (ID required)	DePaul Club, 11th floor of DePaul Center
Friday, Oct		
9:00 - 10:30 a	.m.	
9:00-10:30 a.m.	 Political Ecology I - Domestic/USA Chair: Zach Hilgendorf, University of Wisconsin- Eau Claire Trevor Lewis, Northern Michigan University Food at Northern Lights Dining Hall, Northern Michigan University Quinn Thibault and Lola Rigano, Northern Michigan University Growing Sustainability: Insights from Bothwell Middle School's Garden Project Lauren Claas, University of Wisconsin – Eau Claire From Environmental Catastrophe to Soil Conservation Practices: Investigating Historic Land Use/Land Cover (LULC) Change in the Whitewater River Basin, Southeastern Minnesota Miracle Mark, University of Wisconsin – Milwaukee Unequal childhood exposure to lead: A proposed conceptual framework and case study 	Conference Center Room 8010
9:00-10:30 a.m.	Agricultural Geographies Chair: Susy Ziegler, Northern Michigan UniversityBeatrice Chali, University of Northern Iowa Land Suitability Analysis for Organic Farming in Sioux County, IowaChristina Dennis, University of Wisconsin – Madison Parcels to Properties: Farm Holdings in the MidwestEmine Senkardesler, Middle East Technical University Estimating Corn Phenology by Integrating Object-Oriented Remote Sensing and Machine Learning to Create Field ModelJulia Lietz, Northern Michigan University Threatened Farmland in Michigan's Upper Peninsula	Conference Center Room 8009

9:00-10:30 a.m.	Methods & Techniques Chair: Brittany Wheeler, Auburn UniversityErin Koster, DePaul University Amplifying Disparities: The Unequal Burden of Transportation Noise in Rural and Minority CommunitiesIyanuoluwa Fatunmbi, Southern Illinois University- Edwardsville Daytime Thermal Changes in Mining Sites in Ife Area, Southwest NigeriaYaxiong Shao, Northern Illinois University Evaluating Realized Spatial Accessibility to Healthcare in IllinoisHilary Habeck Hunt, University of Wisconsin – Madison Strategic Land Conservation: An Applied, Multi-Target Approach to Prioritization of Resilient Sites for Protection	Conference Center Room 8002
9:00-10:30 a.m.	Urban Geographies I - Infrastructure Chair: Melissa Heil, Illinois State UniversityChris Impellizeri, DePaul University Trash to Treasure; An Exploration of Class, Culture, and Modernization Through the History and Reoccupation of Chicago's AlleywaysAlexey Chekanov, DePaul University Soviet Transportation Infrastructure and the Rise of Car Ownership: A Case Study of Minsk, BelarusEsther Ayeni, Ball State University 	Conference Center Room 8014
10:40 a.m 12	:10 p.m.	
10:40 a.m12:10 p.m.	Political Ecology II - International Chair: James Wilson, Northern Illinois University Meir Bonnard, University of Minnesota Fishing for Recognition: Subsistence Fisheries and Community Science in Myanmar's Changing Rivers	Conference Center Room 8010

10:40 a.m12:10 p.m.	Political Ecology II - International (continued) Polina Syadeyskaya, University of Northern Iowa Indigenous-Driven Institutional Change, Wealth Distribution, Inequality and Subsistence Livelihood in a Reindeer Herding Community: A Case of the Yerv Cooperative, Nenets Autonomous District Monica Nunez Salas, University of Minnesota Encouraging the postcolonial turn in Animal Legal Geographies: lessons from Human-Carnivore conflict in Amazonian ontologies Madison Felix, DePaul University Contours of Injustice: Legal Geographies and Indigenous Land Rights in Latin America	Conference Center Room 8010
10:40 a.m12:10 p.m.	Hydrogeographies: Water & Wetlands Chair: Woonsup Choi, University of Wisconsin - Milwaukee Christopher Archuleta, University of Wisconsin-Milwaukee Complementing Flood Insurance Rate Maps with Community Resilience Estimates Data in Milwaukee County, Wisconsin Mary Kelly, Northern Michigan University Use of Aerial LiDAR Survey to Support Restoration and Management Objectives for Mitigation Wetlands in Marquette, MI, USA Esther Acheampong, Michigan Technological University Improving Geospatial Coastal Vulnerability Indices for Shoreline Armament Impacts on Lake Michigan's Shoreline Mathew Chidera Ugwuanyi, University of Wisconsin – Milwaukee Mapping Spatio-Temporal Phenological changes in vegetation across NEON's Great Lake Region	Conference Center Room 8009
10:40 a.m12:10 p.m.	Cultural GeographiesChair: Maureen Sioh, DePaul UniversityAlexa Gold, DePaul UniversityMapping Disaster and Possibility in Paul Beatty's The SelloutHailey Tennant, Michigan Technological UniversityLiving Memorials and the Perón Legacy: The Absence in Food-Based VarietiesSage Katwala, DePaul UniversityMicrogeographies of Hindu Nationalism: Violence and Placemaking in a Post-Partitioned Landscape of India	Conference Center Room 8002

10:40 a.m12:10 p.m.	Cultural Geographies (continued) Lily Baird, DePaul University Beyond Barbie: Feminist Geography and the Evolution of American Dollhouses	Conference Center Room 8002	
10:40 a.m12:10 p.m.	Urban Geographies II – Living in Cities Chair: Tiffany Grobelski, Gustavus Adolphus CollegeKela Caldwell, University of Wisconsin – Madison American Horrors: A Sociospatial History of Race RiotsVignesh Ramachandran, University of Wisconsin – Madison Scaffolding, necropolitics, and the politics of a bad moodNoah Glasser, DePaul University Riot Geography in the Twin Cities: Questioning the Why of the WhereLauren Weber, University of Illinois - Urbana Champaign Driven into Debt? Automobility, Indebtedness, Carcerality	Conference Center Room 8014	
12:10-1:15 p.n	n.		
12:10-1:15 p.m.	LUNCH (on your own)		
1:15-2:00 p.m.			
1:15-2:00 p.m.	Keystone Speaker: Yolanda Richardson, ESRI	Conference Center Room 8005	
2:10-4:00 p.m.			
2:10-4:00 p.m.	Listening session: AAG Mentoring Task Force Organizers: Patricia Ehrkamp, University of Kentucky and Jenna Loyd, University of Wisconsin - Madison The AAG Mentoring Task Force is charged with exploring how the AAG can develop and support mentoring structures (such as networks, mentor banks, or mentoring circles), provide guidance on best practices for mentoring, and provide train-	Conference Center Room 8002	

Panelists: David Arfa, Cook County GIS Geography courses to engage a new and more diverse generation of geographers and critical spatial thinkers. Jackson, Federal Emergency Management Agency Anita Thomas, Heartland Alliance 3:00-5:00 p.m. 3:00-5:00 p.m. Gallery, 11th Floor DePaul University Come ask professional geographers anything about internships, the job hunt and working in the geosciences and geospatial industry. Our diverse panel includes professionals from underrepresented groups working at the US Environmental Protection Agency (EPAA), Cook County GIS Division, Federal Emergency Management Agency (FEMA), Heartland Alliance, and Urban GIS. Learn from their insights into the challenges and rewards of working in both the public and private sectors. They will share their experiences and advice for students entering the geospatial workforce. Oster Session Gallery, 11th Floor DePaul Center An Analysis of Violence Against Indigenous Women, Girls, and Two-Spirited People Kaylee McFarland, University of Wisconsin - Eau Claire Assessing Urban Heat Islands in Chicago: Implications for Vulnerable Populations and Green Infrastructure Gyudae Kim Analysis of Hyperspectral Data using Feature Selection and Deep Learning for estimating soil variability Poster Session Analysis of Hyperspectral Data using Feature Selection and advice for students entering the geospatial workforce. Poster Session and Centere TMDL: Presenting New Insight on Phosphorus Sources and Loading in the Milford Creek Watershed Polivis Canser Interventing The Polician and Deep Learning for estimating soil variability Polivis Canser Intereventing The Polician Liniversity of Northe	2:10-4:00 p.m. 2:10-4:00 p.m.	Listening session: AAG Mentoring Task Force (continued) Research shows that effective mentoring has positive outcomes for faculty careers and for careers outside the academy. Mentoring helps early career scholar-educators and aspiring geography practitioners better prepare for and navigate academic and non-academic job markets, and aids in the transition from graduate school to professional careers. Mentoring enhances professional development and provides networking opportunities for early career profes- sionals, supports early career geographers throughout the promotion and tenure process, and is particularly important for those in temporary/precarious positions who often lack institutional support structures. Scholarship on mentoring considers mentoring as 'transformational' and as 'mutually empowering' for mentors and mentees. We are in the process of gathering information about the kinds of support that would be useful for geographers, and we'd love to learn more about experiences, needs, ideas, best practices, and successes. Please come tell us what you need. Organizer: Lucy Stanfield, US Environmental Protection Agency	Conference Center Room 8002	2:10-4:00 p.m.	Panel: Reimagining Introductory Courses – Continuing the ConversationOrganizer: Melissa Heil, Illinois State UniversityPanelists: Aida Guhlincozzi, University of Missouri Mark Rhodes, Michigan Technological University Tiffany Grobleski, Gustavus Adolphus College Brittany Wheeler, Auburn University100-level introductory classes, like Intro to Human Geography and World Regional Geography, are frequently students' first encounter with the discipline of geography. Often, these classes are presented as survey classes that endeavor to cover the breadth of the discipline, guided by a textbook which articulates the discipline's key concepts. Are there alternatives to this traditional survey approach that might better pique student interest in the discipline and/or better support students from underrepresented populations? How have instructors in our region been reimagining introductory courses? Have courses been redesigned to center student concerns and experiences? What efforts are underway to use active learning and project-based learning in these courses? This panel session will serve as an opportunity to share ideas for how to reimagine introductory	Conference Center Room 8005
Courtney Jackson, Federal Emergency Management Agency Anita Thomas, Heartland Alliance 3:00-5:00 p.m. Poster Session Gallery, 11th Floor DePaul Center Moderators: Lily Baird and Christopher Impellizeri, DePaul University Come ask professional geographers anything about internships, the job hunt and working in the geosciences and geospatial industry. Our diverse panel includes professionals from underrepresented groups working at the US Environmental Protection Agency (EPA), Cook County GIS Division, Federal Emergency Management Agency (FEMA), Heartland Alliance, and Urban GIS. Learn from their insights into the challenges and rewards of working in both the public and private sectors. They will share their experiences and advice for students entering the geospatial workforce. Si00-5:00 p.m. Poster Session An Analysis of Violence Against Indigenous Women, Girls, and Two-Spirited People Kaylee McFarland, University of Wisconsin - Eau Claire Gallery, 11th Floor DePaul Center Anseysing Urban Heat Islands in Chicago: Implications for Vulnerable Populations and Green Infrastructure Gyudae Kim University of Illinois - Urbana-Champaign Analysis of Hyperspectral Data using Feature Selection and Deep Learning for estimating soil variability Gabe Sipos, University of Wisconsin - Eau Claire Evaluating a Consent Decree TMDL: Presenting New Insight on Phosphorus Sources and Loading in the Milford Creek Evaluating a Consent Decree TMDL: Presenting New Insight Watershed					generation of geographers and critical spatial thinkers.	
Anita Thomas, Heartland AllianceSub-3.00 p.ml.Poster SessionGallery, HTH Proof DePaul CenterModerators: Lily Baird and Christopher Impellizeri, DePaul UniversityAn Analysis of Violence Against Indigenous Women, Girls, and Two-Spirited People Kaylee McFarland, University of Wisconsin - Eau ClaireDePaul CenterCome ask professional geographers anything about internships, the job hunt and working in the geosciences and geospatial industry. Our diverse panel includes professionals from underrepresented groups working at the US Environmental Protection Agency (EPA), Cook County GIS Division, Federal Emergency Management Agency (FEMA), Heartland Alliance, and Urban GIS. Learn from their insights into the challenges and rewards of working in both the public and private sectors. They will share their experiences and advice for students entering the geospatial workforce.Analysis of Hyperspectral Data using soil variability Gabe Sipos, University of Wisconsin - Eau ClaireEvaluating a Consent Decree TMDL: Presenting New Insight on Phosphorus Sources and Loading in the Milford Creek WatershedEvaluating a Consent Decree TMDL: Presenting New Insight on Phosphorus Sources and Loading in the Milford Creek				3:00-5:00 p.m		
Moderators: Lily Baird and Christopher Impellizeri, DePaul University Come ask professional geographers anything about and Two-Spirited People Internships, the job hunt and working in the geosciences and geospatial industry. Our diverse panel includes professionals from underrepresented groups working at the US Environmental Protection Agency (EPA), Cook County GIS Division, Federal Emergency Management Agency (FEMA), Analysis of Hyperspectral Data using Feature Selection and And private sectors. They will share their experiences and advice for students entering the geospatial workforce.				3:00-5:00 p.m.	Poster Session	
		Moderators: Lily Baird and Christopher Impellizeri, DePaul University Come ask professional geographers anything about internships, the job hunt and working in the geosciences and geospatial industry. Our diverse panel includes professionals from underrepresented groups working at the US Environmental Protection Agency (EPA), Cook County GIS Division, Federal Emergency Management Agency (FEMA), Heartland Alliance, and Urban GIS. Learn from their insights into the challenges and rewards of working in both the public and private sectors. They will share their experiences and			and Two-Spirited People Kaylee McFarland, University of Wisconsin - Eau Claire Assessing Urban Heat Islands in Chicago: Implications for Vulnerable Populations and Green Infrastructure Gyudae Kim University of Illinois - Urbana-Champaign Analysis of Hyperspectral Data using Feature Selection and Deep Learning for estimating soil variability Gabe Sipos, University of Wisconsin - Eau Claire Evaluating a Consent Decree TMDL: Presenting New Insight on Phosphorus Sources and Loading in the Milford Creek	DePaul Center

3:00-5:00 p.m.	Poster Session (continued)	Gallery, 11th Floor DePaul Center		Saturday, (Dc
	Turning the helm over to the passenger: A qualitative exploration of the maritime transportation cooperative			8:00-9:20 a.m	
	proposal in Vieques, Puerto Rico			8:00-9:20 a.m.	Τ,
	Andrea Pimentel Rivera, University of Illinois - Urbana-			0.000 0.20 0	
	Champaign				
	Remote Sensing Analysis of Vegetation Cover Phenological Changes and Land Surface Temperature in the Mark Twain			9:30-11:00 a.	m. T
	National Forest			9:30-11:00 a.m.	
	Ugochukwu Udonna Okonkwo, Southern Illinois University - Edwardsville				
	Ground Penetrating Radae Investigation of a Holocaust Mass				
	Execution and Burial Trench in Liepaja, Latvia				
	Amik Redland, University of Wisconsin - Eau Claire				-
	Assessing Microclimate Variability in Cities: A Methods				1
	Comparison Between Stationary Weather Stations and a Mobile Weather Bike Station				
	Enoh Martha Francis, Southern Illinois University -				
	Edwardsville				
	Railyards Redevelopment and Environmental Justice in				
	Kansas City				
	Jinzhe Wang, University of Illinois - Urbana-Champaign				
	Using GIS Suitability Analysis to Determine Grocery Locations				9
	<i>in Black Hawk County, Iowa</i> Andrew Creasey, University of Northern Iowa				
5:00-6:00 p.n					
5:00-6:00 p.m.	Dinner (on your own)				
6:00-7:00 p.n	۱.		ľ	9:30-11:00 a.m.	† ,
6:00-7:00 p.m.	Geography Trivia Bowl	Conference			(
0.007.00 p.m.	Host: Derek Barthel, Geographic Society of Chicago	Center Room:			
	lain your follow and aroundly anthusiasts for a 1 hour spacial	8005			1
	Join your fellow geography enthusiasts for a 1-hour special edition of Geography Trivia, presented by The Geographic				1
	Society of Chicago. Come solo or with a team to test your				/
	knowledge for the opportunity to win prizes in this special social event. Register here, walk-ins welcome.				
7:00-9:00 p.n					
7:00-9:00 p.m.	Student Mixer	Terrace, 11th Floor			
		DePaul Center	L		
	Open to All Students				

Saturday, October 21					
8:00-9:20 a.m	8:00-9:20 a.m.				
8:00-9:20 a.m.	West Lakes Division Business Meeting	Conference Center Room 8011			
9:30-11:00 a.r	n.				
9:30-11:00 a.m.	Cultural Geographies Chair: Euan Hague, DePaul UniversityEzra Zeitler, University of Wisconsin - Eau Claire Cultural Landscape Change and Function of Hamlets in Southwest Wisconsin: Updating Trewartha's Classic 1943 StudyMichael Minn, University of Illinois - Urbana Champaign Chinese Restaurants and Neighborhood Change in New York CityWeronika Kusek, Northern Michigan University 	Conference Center Room 8010			
9:30-11:00 a.m.	Environmental Geographies Chair: Woonsup Choi, University of Wisconsin – MilwaukeeHarry Jol, Universty of Wisconsin - Eau Claire Subsurface Imagining of Kaitorete "Spit", Canterbury Aotearoa, New ZealandEmily Zvolanek, Argonne National Laboratory Community Research on Climate and Urban Science: An Overview of theCROCUS Project's First YearJames Wilson, Northern Illinois University A nineteenth century US botanical community of practice	Conference Center Room 8009			

9:30-11:00 a.m.	Environmental Geographies (continued) Woonsup Choi, University of Wisconsin – Milwaukee South by Southwest: Shifting Hydrological Droughts in Catchments with an Intermittent Streamflow Regime in the Conterminous United States during 1980-2018	Conference Center Room 8009
9:30-11:00 a.m.	Geographies of Social JusticeChair: Daniel Block, Chicago State UniversityTianyu Li, Southern Illinois University – EdwardsvilleA Spatial Big Data Analysis of Inequity in Access to Live Musicamongst U.S. Disadvantaged PopulationsTiffany Grobelski, Gustavus Adolphus CollegeGrassroots-Led Energy Transition: Poland's Anti-SmogMovement, 2013-2023Shunfu Hu, Southern Illinois University – EdwardsvilleGeostatistical Analysis of Heart Disease Death Rates from2008 to 2020 in IllinoisTekleab Gala, Chicago State UniversityNile Water Resource, a flash point of water war, the case forequitable use of transboundary riverDaniel Block, Chicago State University; Thomas Skuzinski,Northern Illinois University; A View from ChicagoState UniversityDigital Equity, Race, and Community: A View from Chicagoand Northeastern Illinois	Conference Center Room 8014
9:30-11:00 a.m.	Teaching, Learning, and Pedagogies Chair: Heike Alberts, University of Wisconsin – OshkoshMatthew Hafner, University of Wisconsin – Eau Claire Fusing machine learning with place-based survey methods: revisiting questions surrounding perceptual regionsMark Rhodes, Michigan Technological University Dwelling with Sustainable Pedagogy Aboard Amtrak: Pathways for Transdisciplinary and Affective General EducationSamantha Serrano, Texas State University Leveraging Al and Chatbots in Geography Education: Enhancing Classroom InstructionHeike Alberts, University of Wisconsin – Oshkosh The Challenges and Opportunities of Teaching Geography in Two Different Languages	Conference Center Room 8002

11:10 a.m12:00 p.m.				
11:10 a.m12:00 p.m.	AAG Presidential Address Patricia Ehrkamp Vice President, American Association of Geographers University of Kentucky	Conference Center Room 8005		
12:15-2:00 p.n	1.			
12:15-2:00 p.m.	Awards Luncheon Conference attendees only	Lower-Level Concourse, DePaul Center		
2:30-4:30 p.m.				
2:30-4:30 p.m.	Field Trips Montrose Point Bird Sanctuary – Leader: Dr. Connie Johnston (DePaul University) Located in Chicago's Uptown neighborhood, Montrose Point Bird Sanctuary is both an important stopover point for migrating birds and also one of the prettiest locations in the city, offering beautiful views of Lake Michigan and the Chicago skyline. In late October, we will be nearing the end of the fall migration season, so you may or may not catch a glimpse of the rare prairie warbler (although bring binoculars if you have them!), but you will hear about the area's varied history, learn about the Sanctuary's landscapes and birds, and be able to walk around the harbor and beach. Afterward, explore Uptown on your own and pick from a diversity of cuisines for dinner. The Historical Geography of Chicago's South Loop – Leader: Dr. Euan Hague (DePaul University) Chicago's South Loop neighborhood has long been at the heart of the city and as a result, its historical geography offerss a fascinating insight into Chicago's development, issues of racial segregation, politics and urban change. In this 2-mile walking tour, participants will have the opportunity to see and learn about sites associated with the 1812 Battle of Fort Dearborn, Gilded Age Chicago, the Great Migration and the Blues, the 1968 Democratic National Convention, and 21st Century development of entertainment-led urban redevelopment.	All field trips will convene at street level, on Jackson Street in front of the DePaul Center		

2:30-4:30 p.m.

Field Trips (continued)

The Subway Series: The History and Architecture of Chicago's Unique Baseball Communities: 2:30PM to 4:30 PM ish

Leader: Paul Sill (DePaul University)

We'll board Chicago's Red Line train across the street from the DePaul Loop campus for a short 10 min ride south to visit White Sox stadium (technically Guaranteed Rate Field but will always be Comisky Park to most of us) for a brief walk around tour of the stadium discussing its history and future, and the Bridgeport neighborhood generally. Then it's back on the Red Line for a 30-minute ride back to the iconic Wrigley Field and surrounding Wrigleyville neighborhood. We'll discuss the history and geography of the neighborhood and how it has changed around the second oldest major league stadium (1914) (Fenway wins the oldest distinction built in 1912). We'll end a short walking tour at Wrigleyville Dogs for anyone interested in trying a classic Chicago Hot Dog. Just please, do NOT order it with ketchup! Have credit card available for the train fare ticket (\$5 roughly, cheaper for students).

All field trips will convene at street level, on Jackson Street in front of the DePaul Center

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