

## GIS – Fall 2021

Title	Student(s)	Story Map/Dashboard Link
Reducing Parking Minimum Requirements: An Exploration of Alternative Transportation Usage in Pittsburgh	Sophie Abo	<a href="https://arcg.is/10PO0m">https://arcg.is/10PO0m</a>
Tale of Two Neighborhoods	Saloni Agarwal Ritika Narang	<a href="https://arcg.is/1TK4u8">https://arcg.is/1TK4u8</a>
Securing the Citizens: Selecting Disaster Shelters in Allegheny County	Sheharyar Ahmad	<a href="https://arcg.is/1inaq90">https://arcg.is/1inaq90</a>
Cluster Analysis of 2020 Presidential Election Results: Precinct-Level Cluster Analysis of 2020 Presidential Election Results, Allegheny County	Graham Andrews	<a href="https://arcg.is/1b4DHW">https://arcg.is/1b4DHW</a>
YOUR CLOSEST HALAL SPOT	Ariba Asad	<a href="https://arcg.is/yPuS0">https://arcg.is/yPuS0</a>
Higher Education's Effect on Brain Drain in Wyoming	Clayton Caldwell	<a href="https://arcg.is/0mj9Kz0">https://arcg.is/0mj9Kz0</a>
H2-A Workers and Access to Medical Service Providers in PA	Philip DeCicco	<a href="https://arcg.is/008O0m">https://arcg.is/008O0m</a>
Particulate Matter Exposure in Public Parks	Katherine Diaz	<a href="https://arcg.is/ne819">https://arcg.is/ne819</a>
Mapping the Safest Route for Pedestrians in Allegheny County	Lindsay Graff	<a href="https://arcg.is/1eXPnu1">https://arcg.is/1eXPnu1</a>
Neighborhood Change in Orange County, California (2000-2019)	Lisa Guiotoko	<a href="https://arcg.is/1fv5eT">https://arcg.is/1fv5eT</a>

Crime and Safety Perception: The case of Mexico: An analysis on crime incidence, safety perception and confidence in the institutions	Laura Hamon Velasquez	Story map <a href="https://arcg.is/1vinzq">https://arcg.is/1vinzq</a> Dashboard: <a href="https://carnegiemellon.maps.arcgis.com/apps/dashboards/b9105b133c8f4a41a90f5125eab0cf96#mode=edit">https://carnegiemellon.maps.arcgis.com/apps/dashboards/b9105b133c8f4a41a90f5125eab0cf96#mode=edit</a>
The Power of Zip Codes: How Socioeconomic Status Influences High School Performance in Pittsburgh Public Schools	Alec Harkins	<a href="https://arcg.is/0uaeLn">https://arcg.is/0uaeLn</a>
Risk of Homelessness and Social Services in Allegheny County: Analyzing the location of social services in Allegheny County	Kara Lowry	<a href="https://arcg.is/0HTKe8">https://arcg.is/0HTKe8</a>
BETTER BIKE LANES PLANNING IN PITTSBURGH An evaluation system to the continuity of the bicycle system and the impact factor contributing to it in Pittsburgh	Keyi Chai, Linyue Luo, Ruoxi Xie	<a href="https://arcg.is/1Hy9yn">https://arcg.is/1Hy9yn</a>
URA Business Intake Results (December 2021)	Oscar Medina	Dashboard: <a href="https://www.arcgis.com/apps/dashboards/e0076e46659e4e6e8918d3816ce36710">https://www.arcgis.com/apps/dashboards/e0076e46659e4e6e8918d3816ce36710</a>
Shade: From The Plantation To The City A look into how shade (or lack thereof) has impacted the lives of African-Americans and the environment.	Morgan Newman- Perry	<a href="https://arcg.is/1aaTKi">https://arcg.is/1aaTKi</a>
Sparrow Health Study Dashboard	Tess Niewood	<a href="https://www.arcgis.com/apps/dashboards/32ece7aa927b4923baab272d0751861a">https://www.arcgis.com/apps/dashboards/32ece7aa927b4923baab272d0751861a</a>
Grocery and Convenience Store Availability by Zip Code in Atlanta, GA	Nicole Annunziata and Sivan Nizan	<a href="https://carnegiemellon.maps.arcgis.com/apps/dashboards/bd0ebf0392b842b0bd4cfbbc0d2e2cad">https://carnegiemellon.maps.arcgis.com/apps/dashboards/bd0ebf0392b842b0bd4cfbbc0d2e2cad</a>
Association of Cancer Incidence and Hazardous Waste Disposal in New York State (2010)	Sanjana Parmar	<a href="https://www.arcgis.com/apps/dashboards/40504f83b98446b5aa2591654c683fb2">https://www.arcgis.com/apps/dashboards/40504f83b98446b5aa2591654c683fb2</a>

The Persistent Effects of Redlining in Baltimore - StoryMap	Jonathan Pett	<a href="https://arcg.is/4ivK0">https://arcg.is/4ivK0</a>
GIS Dashboard for Intentional Decision Making	Suraj Prasad	<a href="https://arcg.is/Hbezb">https://arcg.is/Hbezb</a>
Health Care accessibility for children in Allegheny County: Are children of Allegheny County getting adequate health care facilities?	Jonika Rathi	<a href="https://arcg.is/1bqOf0">https://arcg.is/1bqOf0</a>
The Children's Movement Recruitment & Campaign Outreach: Recommendations to improve Children's Movement recruitment & outreach with geographic information system (GIS) analysis.	Emily Reece	<a href="https://arcg.is/4HfGe0">https://arcg.is/4HfGe0</a>
Mobile Clinics: Access to Healthcare in Appalachian VA Recommendations for the Health Wagon to enhance primary care access throughout a five-county area: Buchanan, Dickenson, Lee, Russell, Wise	Sreemoyee Som	<a href="https://arcg.is/9KaKf0">https://arcg.is/9KaKf0</a>
Mapping Philadelphia's Access to Mass Transit	Will Stewart	<a href="https://arcg.is/0yOu0a">https://arcg.is/0yOu0a</a>
Home values in Pittsburgh Do medical cannabis dispensaries affect home values?	Ivy Todd	<a href="https://arcg.is/1GLzGO1">https://arcg.is/1GLzGO1</a>
Grounded Strategies Visualization of Past Projects	Gerry Isaac Williams	<a href="https://arcg.is/1iSW8G0">https://arcg.is/1iSW8G0</a>
Languages and Ethnic Food Diversity in Pittsburgh,	Sean Xu	<a href="https://arcg.is/1TO0iz0">https://arcg.is/1TO0iz0</a>
Finding Success at Home: Analyzing Spatial Characteristics of Permanent Supportive Housing Units in Allegheny County, PA	Mary Yuengert	<a href="https://arcg.is/1STjqC">https://arcg.is/1STjqC</a>

## GIS – Summer 2021

Title	Student(s)	Story Map/Dashboard Link
Study on Road Crashes in Brisbane	JoJo Abalos, Joseph Paglingayen	Story Map: <a href="https://arcg.is/1Tb1HG">https://arcg.is/1Tb1HG</a>
Race and access to pediatric specialty care in Pennsylvania	James Bohnhoff	Story Map: <a href="https://arcg.is/0PzDfK">https://arcg.is/0PzDfK</a>
Greenhouse Gas Emission Study: New Jersey US	Robert Bartusik	Story Map: <a href="https://arcg.is/05X4zX">https://arcg.is/05X4zX</a> Dashboard: <a href="https://www.arcgis.com/apps/dashboards/64b41c1d5b3644ba8e485670f4bac8bb">https://www.arcgis.com/apps/dashboards/64b41c1d5b3644ba8e485670f4bac8bb</a>
Tinuiti Working Space How many employees need office space?	Samantha Burke	Story Map: <a href="https://arcg.is/1uGGee0">https://arcg.is/1uGGee0</a> Dashboard: <a href="https://www.arcgis.com/apps/dashboards/e454b49a29a2460c97167031db0066f0">https://www.arcgis.com/apps/dashboards/e454b49a29a2460c97167031db0066f0</a>
Meth Labs vs Treatment Facilities vs Demographic Data For the State of Michigan in 2015	Amanda Fritz	Story Map: <a href="https://arcg.is/n1GjD">https://arcg.is/n1GjD</a>
What Impacts the Price of a Home?	Ryan Gallagher	Story Map: <a href="https://arcg.is/1mGT5X0">https://arcg.is/1mGT5X0</a>
Vulnerable Road User Fatalities in Allegheny County, PA	David Gorman	Story Map: <a href="https://arcg.is/110L1e1">https://arcg.is/110L1e1</a>
Macroeconomic Multifamily Real Estate Environment An exploratory analysis into the Multi-Family Real Estate Market as of March 2021	Aaron Ingram	Story Map and Dashboard: <a href="https://arcg.is/0qP14P">https://arcg.is/0qP14P</a>
Critical Community Needs Fund	Traci Johnson	Dashboard: <a href="https://arcg.is/05yKSD">https://arcg.is/05yKSD</a>

Allegheny County Livability Analysis	Lyu, Letti, Fanshu Zhou	Story Map: <a href="https://arcg.is/1y8S84">https://arcg.is/1y8S84</a>
Access to PNC's physical branches for low-income group	Nithin Manjooran	Story Map: <a href="https://arcg.is/aubq1">https://arcg.is/aubq1</a>
Conservation Corridors for Bobcat in Pennsylvania	John Nguyen	Story Map: <a href="https://arcg.is/1vTire">https://arcg.is/1vTire</a>
SocioEconomic conditions and School Performance	Jayasri Puppala	Story Map: <a href="https://arcg.is/avqOGO">https://arcg.is/avqOGO</a>
Analysis on Last Resort Refuge from Bushfires and Business Consequences for South Australia	Erick Rodriguez	Story Map: <a href="https://arcg.is/1CSSXG0">https://arcg.is/1CSSXG0</a>
Analysis on the Spatial Distribution Pattern of the Crime Place in Chongqing, China	XiaoJun Qiu	Story Map: <a href="https://arcg.is/1DuyHe">https://arcg.is/1DuyHe</a>
South Australian Public Hospital Service Accessibility	Matt Saunders	Story Map: <a href="https://arcg.is/40u80">https://arcg.is/40u80</a>
Eviction Risk Modeling, Pittsburgh, Pennsylvania, USA	Claire Schad	Story Map: <a href="https://arcg.is/0q1vK00">https://arcg.is/0q1vK00</a>
Short-term Rental Study - Hattiesburg, Mississippi USA	David Van Pelt	Story Map: <a href="https://arcg.is/1aSb9T">https://arcg.is/1aSb9T</a>
MealQuest Target Market Target Market Identification to Launch Pilot	Ramsey Slim	Story Map: <a href="https://arcg.is/0OWDXv">https://arcg.is/0OWDXv</a>
Extending "The T" in Allegheny County	Lisa Wheatley	Story Map: <a href="https://arcg.is/0XuCH4">https://arcg.is/0XuCH4</a>
The Effect of Income Levels on Youth Summer Swim Club Competition	Kevin Wolf	Story Map: <a href="https://arcg.is/1K4WjG">https://arcg.is/1K4WjG</a>

## Health GIS – Spring 2021

Title	Student(s)	Story Map/Dashboard Link(s)
Mapping Community-Based Emergency Response in Allegheny PA	Alexandra Allen	<a href="https://arcg.is/0nHKnP1">https://arcg.is/0nHKnP1</a>
COVID-19 Risk and Vaccination Trends: COVID-19 vaccines impact on Pittsburgh neighborhoods	Maria DiDonato and Julie Reighard	<a href="https://arcg.is/1HqPC9">https://arcg.is/1HqPC9</a>
Heart Disease Hospitalization Rates in New York City	Fadee Disoke	ArcGIS Story Map: <a href="https://arcg.is/0ieuGb">https://arcg.is/0ieuGb</a> Dashboard: <a href="https://carnegiemellon.maps.arcgis.com/apps/dashboards/438f2b1dd0a041b5a4cf043bc4507ee5">https://carnegiemellon.maps.arcgis.com/apps/dashboards/438f2b1dd0a041b5a4cf043bc4507ee5</a>
Health Insurance in New York City: A Bronx Case Study	Ethan Gabbour	<a href="https://arcg.is/1vDDin">https://arcg.is/1vDDin</a>
Reducing residents' exposure to PM2.5 in City of Pittsburgh	Yiting Hui	<a href="https://arcg.is/1yaje">https://arcg.is/1yaje</a>
Analysis of Commuter Patterns in Allegheny Counties	Ali Iftikhar	<a href="https://arcg.is/1WSy9L0">https://arcg.is/1WSy9L0</a>
Democratic Participation and Socio-economic Inequalities: An Exploratory Analysis of Voter Turnout in Jakarta, Indonesia	Fahmi Islami	<a href="https://arcg.is/1eX4Sr">https://arcg.is/1eX4Sr</a>
Potential Wildfire Zones in California	Rose Johnson	<a href="https://arcg.is/0XeDL">https://arcg.is/0XeDL</a>

Is the District on the path to Vision Zero? A Spatial Analysis of DC's Bike Lanes and Crash Data	Kelsey Mulka	<a href="https://arcg.is/4q0H00">https://arcg.is/4q0H00</a>
ANALYSIS OF DIFFERENT FACTORS LEADING TO POVERTY IN RWANDA	Eliphaz Niyodusenga	ArcGIS Story Map: <a href="https://arcg.is/4rP5i">https://arcg.is/4rP5i</a> Dashboard: <a href="https://carnegiemellon.maps.arcgis.com/apps/dashboards/8bceac74bf474f54b12ad0613bd8e69a">https://carnegiemellon.maps.arcgis.com/apps/dashboards/8bceac74bf474f54b12ad0613bd8e69a</a>
Dropout study in Rwandan primary schools: Study done on the district level	Jean Bosco Ntwari	Story Map: <a href="https://arcg.is/WS0af">https://arcg.is/WS0af</a> Dashboard: <a href="https://www.arcgis.com/apps/dashboards/6a173a47296446f096635d93c6e42528">https://www.arcgis.com/apps/dashboards/6a173a47296446f096635d93c6e42528</a>
The Impact of COVID-19 in Allegheny County: How COVID-19 has affected marginalized communities in Allegheny County	Pooja Puvvadi	<a href="https://arcg.is/0vjm94">https://arcg.is/0vjm94</a>
Bridging the Gap to (in)Equity Do US Counties have Equitable Numbers of Bridges?	Nikki Ritsch	<a href="https://arcg.is/iKaun">https://arcg.is/iKaun</a>
Healthy Lives: Assessing Access to Healthy Food Options in Allegheny County	Kaitlin Roderick and Nick Wechter	<a href="https://arcg.is/1PDfHb0">https://arcg.is/1PDfHb0</a>
Vaccine Discrepancies in Pennsylvania: An Exploration of Vaccination Data by Race, Age, and Gender	Addison Smith	<a href="https://arcg.is/1yuzeK">https://arcg.is/1yuzeK</a>
Pittsburgh's Opioid Epidemic	Kyle Soto	<a href="https://arcg.is/09TCK5">https://arcg.is/09TCK5</a>
Comparing COVID-19 Vaccine Distribution in Pennsylvania Using Network Analysis to compare Erie County and Allegheny County	DJ Virk and Aamir Abbass	<a href="https://arcg.is/19m1040">https://arcg.is/19m1040</a>

Drug Overdose Rates and Homeless Services in WA State	Lauren Weiser	<a href="https://arcg.is/0v9XPy">https://arcg.is/0v9XPy</a>
Internet Access Vulnerability in Pittsburgh	Wanyi Weng	<a href="https://arcg.is/aeeru">https://arcg.is/aeeru</a>



# GIS School of Architecture

Spring 2021

Title	Student(s)	Story Map Link(s)
The Case for Climate Informed Zoning Mitigating Climate Change Gentrification in Little Haiti, Miami FL	Sharleen Devjani	<a href="https://arcg.is/1mD04j">https://arcg.is/1mD04j</a>
Identifying Communities Vulnerable to Climate Risk	Rutuja Dhuru	<a href="https://arcg.is/1uf944">https://arcg.is/1uf944</a>
Sea Level Rise and Flooding in Galveston, Texas Identifying Susceptibility of Vulnerable Demographic Groups	Weston Fortna	<a href="https://arcg.is/ebOSf">https://arcg.is/ebOSf</a>
The educational attainment in Pennsylvania A study of the educational attainment and its influencing factors in Pennsylvania	Zhihan Fu	<a href="https://arcg.is/1HrvCa">https://arcg.is/1HrvCa</a>
Opportunities for growth: battery recycling	Nyla Khan	<a href="https://arcg.is/1GLzu10">https://arcg.is/1GLzu10</a>
Study of Drivers of Energy Burdens in Allegheny County	Wei Liang	<a href="https://arcg.is/00fv09">https://arcg.is/00fv09</a>
Cultural Museums in the United States	Alyssa Mayorga	<a href="https://arcg.is/0r8XHS">https://arcg.is/0r8XHS</a>
Pittsburgh Neighborhood Property Sales in Relation to Covid Cases	Nathan Sawyer	<a href="https://arcg.is/15eyTv0">https://arcg.is/15eyTv0</a>
Site selection for a new quarantine infrastructure in San Francisco	Doris Zhang	<a href="https://arcg.is/1b4fm00">https://arcg.is/1b4fm00</a>
Analysis on the Distribution of U.S. Airports and Economy	Zehan Zhang	<a href="https://arcg.is/jqTz9">https://arcg.is/jqTz9</a>

Effects of Urban Greenspaces	Paul Greenway	<a href="https://arcg.is/ybOW5">https://arcg.is/ybOW5</a>
Pittsburgh Park Congestion and Access Equity	Xindi Lyu	<a href="https://arcg.is/1m1Tiy">https://arcg.is/1m1Tiy</a>

## GIS – Fall 2020

Title	Student(s)	Story Map Link(s)
Public Schools, Housing Value and Commute Time in Hinds County	Abdoulaye Ba	<a href="https://arcg.is/1LL1mP">https://arcg.is/1LL1mP</a>
Serving Communities during Pandemic through Arts	Helen Boo and Charlotte Rao	<a href="https://arcg.is/K0rHm">https://arcg.is/K0rHm</a>
Fatal Vehicular Accidents in Pennsylvania	Rachel Bukowitz and Zhengjie Li	<a href="https://arcg.is/1irnOD">https://arcg.is/1irnOD</a>
Examining Pollution in Utah	McKenzie Cantlon	<a href="https://arcg.is/1SSPqH">https://arcg.is/1SSPqH</a>
Explore Hospital Resources in Allegheny County	Xuanming Cao	<a href="https://arcg.is/a8KW4">https://arcg.is/a8KW4</a>
PPP Loan Distribution in Cuyahoga County, Ohio	Cameron Caputi	<a href="https://arcg.is/1GuWW10">https://arcg.is/1GuWW10</a>
Business Opportunities in the Hill District   Pittsburgh, PA	Takumi Davis	<a href="https://arcg.is/Hm0y4">https://arcg.is/Hm0y4</a>
Urban Planning for Carbon Neutral Lifestyle A Reliable Path for Washington County, Vermont to Reduce Vehicular Traffic in Order to Achieve Net-Zero City	Siqing Ge	<a href="https://arcg.is/0Pzie1">https://arcg.is/0Pzie1</a>
COVID Vulnerability Index: Potential Effects of Economy, Technology, Education, and Age Demographics Differences in Gwinnett County, Georgia	Ling Guo	<a href="https://arcg.is/08fjen">https://arcg.is/08fjen</a>

Chicago Affordable Housing Index	John Lavaccare	<a href="https://arcg.is/19OCuC">https://arcg.is/19OCuC</a>
Exploring The Public Finance Landscape In The Municipalities	Yang Le Lim	<a href="https://arcg.is/14b9Hm">https://arcg.is/14b9Hm</a>
Community Gardens in Pittsburgh An analysis of vacant lots and the potential of community gardens in economically distressed areas.	Schuyler McAuliffe	<a href="https://arcg.is/1K1Wjq0">https://arcg.is/1K1Wjq0</a>
Racial Inequities at Allegheny County Public Schools	Alisar Mustafa	<a href="https://arcg.is/0XmHPS0">https://arcg.is/0XmHPS0</a>
Crime and Women's Safety in Pittsburgh	Anita Nelliatt	<a href="https://arcg.is/1HXC5v">https://arcg.is/1HXC5v</a>
Travelling to Opportunity: Measuring public transit access to job opportunities for disadvantaged communities	Mansi Panchamia	<a href="https://arcg.is/0y4Ti5">https://arcg.is/0y4Ti5</a>
Supporting Immigrants and Building Thriving Communities in Pittsburgh	Sarah Perry	<a href="https://arcg.is/1rf1ey">https://arcg.is/1rf1ey</a>
Water Insecurity in Tanzania: Using proximity analysis to identify regions with high water insecurity risk	Brittany Pruitt	<a href="https://arcg.is/1DD5PO0">https://arcg.is/1DD5PO0</a>
Location, Location, Location: How the NYC Subway Influences the Location of the Arts in the City	Grace Puckett	<a href="https://arcg.is/1OvnO5">https://arcg.is/1OvnO5</a>
Explore New York's Public Transport System	Lan Qin	<a href="https://arcg.is/0qf5ma0">https://arcg.is/0qf5ma0</a>
Childcare Accessibility in the City of Phoenix, AZ	Jose Salomon	<a href="https://arcg.is/1vbDjn">https://arcg.is/1vbDjn</a>
Flooding and Resilience on the Louisiana Coast	Jeffrey Scanlon	<a href="https://arcg.is/KSajO">https://arcg.is/KSajO</a>

The Bright Future of Montpelier: a Net-Zero City	Xinye Wang	<a href="https://arcg.is/1CeD910">https://arcg.is/1CeD910</a>
Caution! Sea level is rising! Potential Future Impacts for Boston from Sea Level Rise and Analysis of Vulnerable Groups Aggregation	Yiya Wang	<a href="https://arcg.is/1S1KG9">https://arcg.is/1S1KG9</a>
Food Stamps and Food Delivery for the Poverty in Hennepin County, Minnesota	Luyu Yang	<a href="https://arcg.is/1a4yWO">https://arcg.is/1a4yWO</a>
A Study on Green Spaces and Crimes in Pittsburgh, PA	Jenny Zhang	<a href="https://arcg.is/1Sjv9i0">https://arcg.is/1Sjv9i0</a>
HOW TO SOLVE THE FLOODING PROBLEM IN WASHINGTON COUNTY, VERMONT?	Yi Zhou	<a href="https://arcg.is/10u4zO0">https://arcg.is/10u4zO0</a>

## GIS – Summer 2020

Title	Student(s)	Story Map Link(s)
Manufacturing Clusters and Future Sites in Lawrence County	Morgan Boyd	<a href="https://arcg.is/DPiDe">https://arcg.is/DPiDe</a>
Geographic Access to Health Care Facilities in Times of Fatal Drug Overdose in Philadelphia, PA Supporting Story Map: Philadelphia Underserved Neighborhoods	Ashna Dabas	<a href="https://arcg.is/XfzCu">https://arcg.is/XfzCu</a> (Story Map) <a href="https://arcg.is/1T8rKi0">https://arcg.is/1T8rKi0</a> (Swipe Map)
Assessing NEW Locations for Chicago Behavioral Health Provider	Jody Handley	<a href="https://arcg.is/1nObnm">https://arcg.is/1nObnm</a>
Public Transit Reach	Sean Kang	<a href="https://storymaps.arcgis.com/stories/14518a9f42ff4f309153c2577fa4fb86">https://storymaps.arcgis.com/stories/14518a9f42ff4f309153c2577fa4fb86</a>
CO2 Emissions Impact on New York Weather	Chethan Jagadeesh	<a href="https://arcg.is/r4vGX0">https://arcg.is/r4vGX0</a>
Historic Allegheny: Mapping Local History	Sonia Reed	<a href="https://arcg.is/OLzjWP">https://arcg.is/OLzjWP</a>
Supportive Care Needs - 2 Major Cities in PA	Denisse Sequeira	<a href="https://arcg.is/1W0Wn5">https://arcg.is/1W0Wn5</a>
Agriculture and Climate Change	Sarah Swartz	<a href="https://arcg.is/1eCGDn">https://arcg.is/1eCGDn</a>
San Diego: Where to Live?	Max Treadway	<a href="https://arcg.is/znmr2">https://arcg.is/znmr2</a>
COVID Customer Trace Map	Jane Walk	<a href="https://arcg.is/OnGXKL">https://arcg.is/OnGXKL</a>

The Most Dangerous places in South East Michigan	Ken Wang	<a href="https://storymaps.arcgis.com/stories/068a4a4290e34659b3eb2fcf727817aa">https://storymaps.arcgis.com/stories/068a4a4290e34659b3eb2fcf727817aa</a>
Carnegie Mellon University: Heinz College Local Economic Impact	Olivia Wells	<a href="https://arcg.is/L5fyj0">https://arcg.is/L5fyj0</a>
Drug-Related Crimes in México	Ituriel Flores Estrada	<a href="https://arcg.is/1Gvfiu">https://arcg.is/1Gvfiu</a>
Emergency services in urban and rural areas in MP_India	Jitendra Chouhan	<a href="https://storymaps.arcgis.com/stories/bb481aba88a24d768e89d042d6f5ce07">https://storymaps.arcgis.com/stories/bb481aba88a24d768e89d042d6f5ce07</a>
HOW CAN WE SOLVE THE FLOODING PROBLEM?	Merika De La Pena	<a href="https://arcg.is/1rCrjz">https://arcg.is/1rCrjz</a>
Schools distribution and impact of pollution on students - Ernakulam district, Kerala, India	Safi Karamathulla	<a href="https://arcg.is/1DqyXn">https://arcg.is/1DqyXn</a>
Playing it Safe – City of Adelaide council area GIS analysis of car crashes in vicinity of playgrounds and care/education providers	Aggie Malkowska	<a href="https://arcg.is/K9bjia">https://arcg.is/K9bjia</a>
PMRDA's GIS-Based Road Acquisition Project	Suhas Mapari	<a href="https://arcg.is/WrXaW">https://arcg.is/WrXaW</a>
Uniform Economic Development in Maharashtra : A Win-Win Situation	Sarita Narke	<a href="https://arcg.is/0Pb5nG">https://arcg.is/0Pb5nG</a>
The Big One: Mapping the Earthquake Vulnerabilities of Metro Manila Cities	Darwin Soneja	<a href="https://arcg.is/14KunK0">https://arcg.is/14KunK0</a>

## Health GIS – Spring 2020

Title	Student(s)	Story Map Link(s)
Access to Health Care Facilities in Relation to Educational Attainment and Race in Northampton County	Tyler Destremps	<a href="https://arcg.is/1uube1">https://arcg.is/1uube1</a>
Pedestrian and Bicyclist Crashes in Washington, DC	Dominick Fiorentino	<a href="https://arcg.is/1eOv44">https://arcg.is/1eOv44</a>
Class C Misdemeanors in City of Dallas: A Geospatial Exploration	Alisa Hartle	<a href="https://arcg.is/DjnGe">https://arcg.is/DjnGe</a>
Food Insecurity Among Pediatric Patients: A Pittsburgh Case Study	Meredith Meadows	<a href="https://arcg.is/18CXvW">https://arcg.is/18CXvW</a>
Comparing COVID-19 Confirmed Cases and Food Access Disparities in the American Southeast	Gregory Mills, Anthony Didonato	<a href="https://arcg.is/18W4Tq">https://arcg.is/18W4Tq</a> (Story Map) <a href="https://arcg.is/i8PC">https://arcg.is/i8PC</a> (Swipe Story Map)
COVID Risk scores - Suffolk County, Massachusetts.	Mukund Nakhate	<a href="https://arcg.is/OPfCm0">https://arcg.is/OPfCm0</a>
Earthquakes in Los Angeles County	Julie Pagaduan	<a href="https://arcg.is/0XH5WS">https://arcg.is/0XH5WS</a>
Childhood Asthma Incidence Rates and Greenspace: Analysis of Childhood Asthma and Greenspaces in Allegheny County and the City of Pittsburgh	Kaitlyn Pendrak	<a href="https://arcg.is/1r0j5b">https://arcg.is/1r0j5b</a>
Education and Healthcare in Bronx County, NYC	Nandini Radhakrishnan	<a href="https://storymaps.arcgis.com/stories/404e01bd04af40b6a8a47bc27c70e559">https://storymaps.arcgis.com/stories/404e01bd04af40b6a8a47bc27c70e559</a>
Environmental Asthma Risk and Access to Care in Allegheny County	Jackie Rankine	<a href="https://arcg.is/ObHKea">https://arcg.is/ObHKea</a>



Exploring Primary Care Opportunities in Cuyahoga County	Keyur Rao	<a href="https://arcg.is/1yXTKL">https://arcg.is/1yXTKL</a>
Sea Level Rise in Southeastern Virginia	Sarah Sherwood	<a href="https://arcg.is/1GmLiT">https://arcg.is/1GmLiT</a>
Transportation and the housing sector - an analysis	Niranjana Sreejayan	<a href="https://arcg.is/0yaiXq">https://arcg.is/0yaiXq</a>
COVID-19 Density Index: Case Study in Oahu, Honolulu County, Hawaii	Emily Wells	<a href="https://storymaps.arcgis.com/stories/28d2cc3761274a37a92a502370cc1fb4">https://storymaps.arcgis.com/stories/28d2cc3761274a37a92a502370cc1fb4</a>
Population Analysis of Language-based Health inequalities	Ernestina Bioh and Antony Gnalian	<a href="https://arcg.is/1rLb9T">https://arcg.is/1rLb9T</a>

School of Architecture GIS		Spring 2020
Title	Student(s)	Story Map/Dashboard Links
Title: Damage Caused by Wildfires and Floods in California	Rashmi Baliga	<a href="https://arcg.is/1CK0vf">https://arcg.is/1CK0vf</a>
A Resilient Solution to Pittsburgh Stormwater Challenge	Mohak Chauhan	<a href="https://arcg.is/a0r9H">https://arcg.is/a0r9H</a>
Locating Public Facilities in NYC for makeshift Healthcare Centers	Shailaja Patel Srinjoy Hazra	<a href="https://storymaps.arcgis.com/stories/dba627c4edb743a19a012a478c1fd2ff">https://storymaps.arcgis.com/stories/dba627c4edb743a19a012a478c1fd2ff</a>
Unemployment Analysis in the U.S. during COVID-19	Mounica Guturu	<a href="https://arcg.is/1yXqa00">https://arcg.is/1yXqa00</a>
Pittsburgh Flooding and Vulnerable Populations	Ruisa Hinds	<a href="https://arcg.is/zTKTL">https://arcg.is/zTKTL</a>
Chicago 311 Service Requests	Grant Johnson	<a href="https://arcg.is/HKD0e0">https://arcg.is/HKD0e0</a>
Food Assistance in Pittsburgh Region	Jayesh Khushalani	<a href="https://arcg.is/1q1e55">https://arcg.is/1q1e55</a>
Analysis of Urban Storm Water for Constructed Wetlands and Rain Gardens	Lana Kozlovskaya, Fernanda Mazzilli	<a href="https://arcg.is/1XSPfu">https://arcg.is/1XSPfu</a>
Real Estate Investment Risk Identification	Yi-Cheng Lu	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=d3c19601105c4ea5a9187dcbf">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=d3c19601105c4ea5a9187dcbf</a>
Puerto Rico Disability Study	Yashwitha Maram Reddy	<a href="https://arcg.is/19zqLb">https://arcg.is/19zqLb</a>
Evaluation and Selection of the Rental Residences Around the Universities in Pittsburgh	Ronak Mody	<a href="https://arcg.is/18SnzL">https://arcg.is/18SnzL</a>
Art Facilities and Poverty Rate in New York County (Manhattan), New York	Rin Namkoong	<a href="https://arcg.is/1PCb84">https://arcg.is/1PCb84</a>
Broadband Access in Pittsburgh	Juliane O'Day	<a href="https://storymaps.arcgis.com/stories/94451d4381314c4b9d7942d8b9a90ec7">https://storymaps.arcgis.com/stories/94451d4381314c4b9d7942d8b9a90ec7</a>
Foreign Born Population	Sanaz Saadatifar	<a href="https://arcg.is/1WiXae">https://arcg.is/1WiXae</a>
Availability of construction labor force in Allegheny County	Udayan Saxena, Varun Shah	<a href="https://storymaps.arcgis.com/stories/f9d5124925b74dd282b1d8001d04a9c1">https://storymaps.arcgis.com/stories/f9d5124925b74dd282b1d8001d04a9c1</a>

Heinz College GIS		Fall 2019
Title	Student(s)	Story Map/Dashboard Links
Violent crimes and vacant lots in San Francisco	Caleb Banks	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=003119b057714b3fbe64e57fc4c0d8c5">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=003119b057714b3fbe64e57fc4c0d8c5</a>
Public Transit Accessibility to Opportunity Employment Zones in Allegheny County, PA	Alice Beattie, Taylor Burandt, Kaila Gilbert, & Maxwell Kennady	<a href="https://alcodhs.maps.arcgis.com/apps/opsdashboard/index.html#/f72949a202934580a607b71a657b0b75">https://alcodhs.maps.arcgis.com/apps/opsdashboard/index.html#/f72949a202934580a607b71a657b0b75</a>
Examining Mobility Gaps	Sean Cuff	<a href="https://storymaps.arcgis.com/stories/f7611f559d994e72863f2a3e42fa35a8">https://storymaps.arcgis.com/stories/f7611f559d994e72863f2a3e42fa35a8</a>
Food Access for SNAP Recipients in Allegheny County	Nathan Deron	<a href="https://arcg.is/1ibrTq">https://arcg.is/1ibrTq</a>
Exactly who benefits from Opportunity Zones A closer look at the Opportunity Zones set up in Milwaukee, WI and the people in those communities	Matt Fochs	<a href="https://storymaps.arcgis.com/stories/28681c9511004a6e9db4afab1f1bf146">https://storymaps.arcgis.com/stories/28681c9511004a6e9db4afab1f1bf146</a>
Investor-Owned Properties and Homeownership in Oakland	Karin Gandler	<a href="https://arcg.is/1mib5D">https://arcg.is/1mib5D</a>
Student Exposure to Trauma in Pittsburgh	Sean Hoover	<a href="https://storymaps.arcgis.com/stories/0b6983c644ef475c8ab954bd4337c63c">https://storymaps.arcgis.com/stories/0b6983c644ef475c8ab954bd4337c63c</a>
Follow the Money and See Where It Goes Using Building Permit Data to Observe Economic Development Patterns in Pittsburgh	Victoria Jackson	<a href="https://storymaps.arcgis.com/stories/b40e09c55bd14116a4c5e104854f2f4a">https://storymaps.arcgis.com/stories/b40e09c55bd14116a4c5e104854f2f4a</a>
"Every Child, Every School": A Critical Analysis of Income and Racial Inequality in Elementary Chicago Public Schools	Faraz Khan	<a href="https://arcg.is/0mberb">https://arcg.is/0mberb</a>

Air Quality & Transit in Los Angeles	Maria Khan	<a href="https://arcg.is/fHWrC">https://arcg.is/fHWrC</a>
Air Pollution Damages from Trucking in the Contiguous United States	Priyank Lathwal	<a href="https://arcg.is/10q85">https://arcg.is/10q85</a>
Allegheny County Bus Stop Walking Distances	Michael Long	<a href="https://arcg.is/1aKmeC0">https://arcg.is/1aKmeC0</a>
Exploring Liberty Avenue through ArcGIS 3D and City Engine	Sameedha Mahajan, Yashasvi Tulchiya, Xiaoran Zhang	GIS StoryMap link <a href="https://storymaps.arcgis.com/stories/daa3dbffbb7844a29825987163b4b83a">https://storymaps.arcgis.com/stories/daa3dbffbb7844a29825987163b4b83a</a> Links for CityEngine Web Viewer <a href="https://carnegiemellon.maps.arcgis.com/apps/CEWebViewer/viewer.html?3dWebScene=c7467d3bcf1a4be1952afb2564e5473c">https://carnegiemellon.maps.arcgis.com/apps/CEWebViewer/viewer.html?3dWebScene=c7467d3bcf1a4be1952afb2564e5473c</a> <a href="https://carnegiemellon.maps.arcgis.com/apps/CEWebViewer/viewer.html?3dWebScene=efb2ba25e630483bb2b5275dbe589090">https://carnegiemellon.maps.arcgis.com/apps/CEWebViewer/viewer.html?3dWebScene=efb2ba25e630483bb2b5275dbe589090</a>
Offshore Wind Power in Hawaii Assessing the potential of offshore wind power with respect to seismicity, distance from the shore and cost	Ansh Nasta	<a href="https://storymaps.arcgis.com/stories/fb486f731575425092d53d756ec76502">https://storymaps.arcgis.com/stories/fb486f731575425092d53d756ec76502</a>
Fort Collins Solar Potential Mapping Neighborhoods Potentially Ripe for Solar Panel Educational Outreach Campaigns	Carlyn Petrella	<a href="https://storymaps.arcgis.com/stories/a8713a09a5b44f0b85290f43eb812212">https://storymaps.arcgis.com/stories/a8713a09a5b44f0b85290f43eb812212</a>
Penetration of the Marijuana Industry into King County, WA	Shreya Prabhu	<a href="https://arcg.is/mjXnC">https://arcg.is/mjXnC</a>
Public Art and Property Values in Richmond, Virginia	Hannah Rhodes	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=b6eda7a19b25471d94c74aa6eb604abe">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=b6eda7a19b25471d94c74aa6eb604abe</a>

White Collar Employment and Housing in Allegheny County	Matt Samach	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=df31253a8a4145f8898fd10ba940e5ef">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=df31253a8a4145f8898fd10ba940e5ef</a>
Artsburgh Sidewalk Marketing Locations Identifying Primary Locations for “Artsburgh” Sidewalk Sticker Marketing: The Greater Pittsburgh Arts Council	Sarah Schreck	<a href="https://storymaps.arcgis.com/stories/2025d27bcf924072b155ba7fc6dd7e96">https://storymaps.arcgis.com/stories/2025d27bcf924072b155ba7fc6dd7e96</a>
Analyzing Food Accessibility of Elderly Population in Washington D.C.	Adhiraj Shekhawat	<a href="https://arcg.is/1ybeKP">https://arcg.is/1ybeKP</a>
Clustered Risk Assessment to Avoid Growing Achievement Gaps: Pittsburgh Public Schools Strategic Planning	Sara Shore	<a href="https://storymaps.arcgis.com/stories/33390c838c8c42339af78c0aeff6669e">https://storymaps.arcgis.com/stories/33390c838c8c42339af78c0aeff6669e</a>
City of Pittsburgh 311 Requests Where are the most requests for city services? Is there any relationship between the number of requests and demographic characteristics?	Elizabeth Speigle	<a href="https://storymaps.arcgis.com/stories/415d2fc5e54b4d2bbca1b5faddf9638a">https://storymaps.arcgis.com/stories/415d2fc5e54b4d2bbca1b5faddf9638a</a>
Allegheny County Bus Stop Walking Distances	Harvest Su	<a href="https://arcg.is/1Cq0W8">https://arcg.is/1Cq0W8</a>

School of Architecture GIS Course 48-781		Spring 2019
Title	Student(s)	Story Map Link(s)
Qualitative assessment of the culinary experience in Pittsburgh neighborhoods	Ishwar Prasad Balaji	<a href="https://arcg.is/11vbPK">https://arcg.is/11vbPK</a>
IDENTIFYING VOTING PATTERNS IN 2016 US PRESIDENTIAL ELECTIONS	Sandhya Balasubramanian	<a href="https://arcg.is/e4WW9">https://arcg.is/e4WW9</a>
Leading Causes of Deaths in NYC	Jonathan Cheng	<a href="https://arcg.is/1i4b8L">https://arcg.is/1i4b8L</a>
Exploring site location for Veterans in Pennsylvania	David Cleaves	<a href="https://arcg.is/eCWbi">https://arcg.is/eCWbi</a>
Spatial Analysis of Urban Temperatures	Aradhana Gahlaut	<a href="https://arcg.is/1SL1KL">https://arcg.is/1SL1KL</a>
Exploring Commercial Building Energy Consumption in San Francisco City	Wenrui Guo	<a href="https://arcg.is/1baq9H">https://arcg.is/1baq9H</a>
Analysis of Target Areas for EV Charging in Pittsburgh	Connor Hayes	<a href="https://arcg.is/ym4L4">https://arcg.is/ym4L4</a>
CMU Transportation Study	Alexandra Lewis	<a href="https://arcg.is/9e54H">https://arcg.is/9e54H</a>
Real Estate Market Analysis - Multifamily Development in Pittsburgh	Abhishek Maniktala	<a href="https://arcg.is/1P9HKm">https://arcg.is/1P9HKm</a>
Flood Hazards for Pennsylvania Correctional Facilities	Ryann McMahon	<a href="https://arcg.is/eqH94">https://arcg.is/eqH94</a>
Allegheny County Crash data Analysis	Shubhashree Mukherjee	<a href="https://arcg.is/G0yDj">https://arcg.is/G0yDj</a>
Landfill Methane Gas: Study of Pennsylvania and Carnegie Mellon University	Leila Srinivasan	<a href="http://bit.ly/2LkAjLx">http://bit.ly/2LkAjLx</a>
Addressing Food Deserts in Detroit	Anuroy Vyas	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=c7bb1fca6ec1433691fb8a3bf0dedd22">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=c7bb1fca6ec1433691fb8a3bf0dedd22</a>
Median Gross Rent Change VS Population Change	Xueyan Wang	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=96f4210e009c4c99bb35c8ba33be61a3">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=96f4210e009c4c99bb35c8ba33be61a3</a>

**Heinz College Health GIS Course 90-834****Spring 2019**

<b>Title</b>	<b>Student(s)</b>	<b>Story Map Link(s)</b>
Bike Lanes and Bike Crashes over time in Pittsburgh, Pa	Stephen Berry Peter Huether	<a href="https://arcg.is/09yqCq">https://arcg.is/09yqCq</a>
Do More Seasonal and Retiree Homes Make the Cape Cod Year-Round Housing Market Unaffordable?	Shane Dermanjian	<a href="https://arcg.is/1enmCi">https://arcg.is/1enmCi</a>
South Pittsburgh's Opioid Crisis: Mapping Overdoses in City Council District 4	Caryln Van Dyke Blaine Dinkins	(report only)
Hurricane Harvey and Flood Risk In Houston, TX	Sam Duran	<a href="http://bit.ly/2UTJJNI">http://bit.ly/2UTJJNI</a>
Identifying a Primary Site to Build a Kaiser Dialysis Center	Ayushi Dwivedi	(report only)
Mapping Broadband Speeds and How It's Affected Income and the Presence of Research Universities	Isaac Gonzalez Gilbert Resendez	<a href="https://arcg.is/0Kqfj0">https://arcg.is/0Kqfj0</a>
DC Metro Access and Opportunity	Rachel Hanes	<a href="https://arcg.is/0qiSiy">https://arcg.is/0qiSiy</a>
Understanding Population Demographic Impact on Energy Use in Pittsburgh Emergency Response Facilities for Improved Resilience	Phillip Kuehne	(report only)
In the Shadow of the Empire: Living Standards for Workers in Austria-Hungary and the Modern United States	J. Alexander Killion	<a href="http://bit.ly/2GXdb01">http://bit.ly/2GXdb01</a>
Story Map Title: Neighborhood Safety, Prosperity, & Livability in Springfield, OR & Pittsburgh, PA	Jana Laks	<a href="https://arcg.is/1DiTvH">https://arcg.is/1DiTvH</a>

Connect Building Services	Katie LeFevre	<a href="https://arcg.is/0i4GKb">https://arcg.is/0i4GKb</a>
A Study of Lead Dust and Residential Demolition in Allegheny County	Caitlin McMahon	<a href="https://arcg.is/WOf54">https://arcg.is/WOf54</a>
Stop and Frisk in New York City	Jessica Mendieta	<a href="https://arcg.is/OGbXa">https://arcg.is/OGbXa</a>
Post Great Recession Economic Recovery within Pennsylvania	Brenda Mittelbuscher	<a href="https://arcg.is/0nrq8O">https://arcg.is/0nrq8O</a>
Bridging the gap to recovery	Rosana Pineda Guzman	<a href="https://arcg.is/Oq4PG">https://arcg.is/Oq4PG</a>
Grenfell Tower and the Geography of Fire in London	Angela Pupino	<a href="http://bit.ly/2GW9IFC">http://bit.ly/2GW9IFC</a>
Proposal for Prioritizing Chicago 'L' Station Accessibility	Diana Rafanello Ian Snyder	<a href="https://arcg.is/zTj0m">https://arcg.is/zTj0m</a>
Analysis of Businesses Covered by Pittsburgh Reporting Ordinance	Emily Rehfus	<a href="https://arcg.is/LO1Xi">https://arcg.is/LO1Xi</a>
Flood Insurance Participation Rates in US Coastal Counties	Cesar Ruiz	<a href="https://arcg.is/0myD91">https://arcg.is/0myD91</a>
Expansion Opportunities for Food Initiatives	Tania Taloute	<a href="https://arcg.is/n91Pn">https://arcg.is/n91Pn</a>
Children Living in Poverty and Access to Pediatric Primary Care Centers	Jessica Zhang	<a href="https://arcg.is/0yumW10">https://arcg.is/0yumW10</a>



# Heinz College GIS Course 94802

Fall 2018

Title	Student(s)	Story Map Link(s)
Business and Job Growth in Jersey City's Urban Enterprise Zone	Avonelle Davis	<a href="https://arcg.is/1nv8qC">https://arcg.is/1nv8qC</a>
Mapping Poverty and Food Provision in the Greater Pittsburgh Community Food Bank Service Area	Aimen Awan and Mehr Asma Javed	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=b33cc25aff524797bc4798e263653542">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=b33cc25aff524797bc4798e263653542</a>
Marcellus Shale Economic and Environmental Impacts: Allegheny and Washington Counties	Clara Kitongo	<a href="https://arcg.is/1DiyL4">https://arcg.is/1DiyL4</a>
New Store Location for Trader Joe's in Pittsburgh	Cong Lyu	<a href="https://arcg.is/8nXWu">https://arcg.is/8nXWu</a>
Philadelphia Voter Turnout and Registration 2016-2018	Cheryl Rozinski	<a href="https://arcg.is/0yqCHP">https://arcg.is/0yqCHP</a>
Transfer of Salesforce data to ArcGIS Online	Derek Mason	Operations Management (no story map)
Relationship between Race and Real Estate Sales	Eduardo Solomon	<a href="https://arcg.is/1T5vyL">https://arcg.is/1T5vyL</a>
Assessing the Impact of Plant Five for Life Day	Emily Halpern	Report only
Improving Resource Allocation in Boston	Grace Luetmer and Nicole Gans	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=b7aaf8c2ec794be492e9cdaf6cdcd1b5">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=b7aaf8c2ec794be492e9cdaf6cdcd1b5</a>
Refugee Resettlement in Pennsylvania	Hannah Somers	<a href="https://arcg.is/Wa9uG">https://arcg.is/Wa9uG</a>
Individual Donor Data in a "Where" Context: Using GIS to Inform Development Strategy	Jana Fredricks	Report only

Airports as Assets for Natural Disaster Planning	Lucy Daynes	<a href="https://arcg.is/0XGr1W">https://arcg.is/0XGr1W</a>
Guinea-Bissau Study	Marisa Nowicki	<a href="https://arcg.is/0Cvb9y">https://arcg.is/0Cvb9y</a>
Network Analysis on Low Income Housing in New York by Facility Accessibility - helping low-income people choose housing location	Na Su	<a href="https://arcg.is/10Wmim">https://arcg.is/10Wmim</a>
ARTS AND CULTURE IN ALLEGHENY COUNTY A Comparative Report on the Relevance of Cultural Sites and Demographic Information	Olivia Grabowsky	<a href="https://arcg.is/1114D9">https://arcg.is/1114D9</a>
DHS Transportation Operating Systems	Qianye(Laurel) Lin and Qiuyun (Jerry) Jia	Operations Management (no story map)
Travel Time to nearest Primary Care Community Health Care Facility in West Virginia	Rachel Ollivierre	<a href="https://arcg.is/00mC4n">https://arcg.is/00mC4n</a>
Allegheny County School Performance Analysis	Sean Caulfied	<a href="https://arcg.is/1HPPr1">https://arcg.is/1HPPr1</a>
GIS Analysis on Healthy Ride Locations in Pittsburgh	Si Chen	<a href="https://arcg.is/1y8zvC">https://arcg.is/1y8zvC</a>
Collegiate Food Insecurity Geospatial Report	Sarah Pesi	<a href="https://arcg.is/001SzP0">https://arcg.is/001SzP0</a>
Allegheny County Transportation Equity Index	Temeca Simpson	<a href="https://arcg.is/0Dbar">https://arcg.is/0Dbar</a>
Analysis of air pollution in Allegheny County PA	WeiJia Mi	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=bd62749e05054fb5828559243ff9bab1">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=bd62749e05054fb5828559243ff9bab1</a>

New York Crime Map	Wei Huang	<a href="https://arcg.is/1e8njm">https://arcg.is/1e8njm</a>
Health Insurance and Health Access Study of Poor Population in California	Xiaoshu Wang	<a href="https://arcg.is/0HzjXq">https://arcg.is/0HzjXq</a>
Shopping outlet selections in California	Xinmei Zheng	Missing
How Do Starbucks Locate Their Stores?	Yu Cao	<a href="https://arcg.is/rP1Pi">https://arcg.is/rP1Pi</a>
Brewery and Beer Analysis	Yasuhito Morimoto	<a href="https://arcg.is/1jyOPf">https://arcg.is/1jyOPf</a>
Diabetes, Hyperlipidemia and Hypertension situation in Allegheny county	Ziwen Wang	<a href="https://arcg.is/0iyviG">https://arcg.is/0iyviG</a>

# Heinz College GIS Course 94-802

Summer 2018

Title	Student(s)	Story Map Link(s)
Improving Access to Healthcare and Food Sources Among Low-Income Residents in Washington D.C.	Anthony Chestnut	<a href="https://arcg.is/Xfbyf">https://arcg.is/Xfbyf</a>
Allegheny County Transit Station Area Analysis – Unemployment	Andrea Elcock	<a href="https://arcg.is/9uCCD">https://arcg.is/9uCCD</a>
Poverty versus Educational Attainment in the United States	Abhishek Jayachandran, Nitesh Singh	<a href="https://arcg.is/rK1vf">https://arcg.is/rK1vf</a>
Exploring Geographic Potential for Satellite Libraries	Brian McGrath	<a href="https://arcg.is/1v8ie0">https://arcg.is/1v8ie0</a>
HIV Testing Facilities for Point-of-Care Early Infant Diagnosis in Kenya	David Robinson, Stephanie Bruno	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=34461343ce274214bae12697a0c8b0cd">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=34461343ce274214bae12697a0c8b0cd</a>
Exploratory Geo-spatial Analysis of National Examination Scores in Indonesia 2016	Donna Safiera	<a href="https://arcg.is/09nnHq">https://arcg.is/09nnHq</a>
Analysis of Major Storms in the United States and their Consequential Damages, 2013-2017	Fan Feng	<a href="https://carnegiemellon.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=43a03fd12cfd4de9adca5a0ff721cfea">https://carnegiemellon.maps.arcgis.com/apps/StorytellingSwipe/index.html?appid=43a03fd12cfd4de9adca5a0ff721cfea</a>
Car Crash Incidents in South Australia	Glenn Pepito	<a href="https://arcg.is/LWzOX">https://arcg.is/LWzOX</a>
Effects of Pre-Exposure Prophylaxis to New HIV Diagnoses and Sexually Transmitted Diseases in the United States	Geldof Resuello	<a href="https://arcg.is/14fH4X">https://arcg.is/14fH4X</a>
Spatial Analysis of Venture Investments in the United States	Hayun Jung	<a href="https://arcg.is/1nmWq0">https://arcg.is/1nmWq0</a>
Veterans and Available Veteran Services in the Hampton Roads Area: A Geographic Analysis	John Stewart	<a href="https://arcg.is/XPWur">https://arcg.is/XPWur</a>

Los Angeles County Education Analysis	Krupa Nagori	<a href="https://arcg.is/1fPD5q">https://arcg.is/1fPD5q</a>
Consumer Profiling	Kalpana Yanamadala	<a href="https://arcg.is/0uvzay">https://arcg.is/0uvzay</a>
Social Impact Investment in South Australia	Lourdes Romero	<a href="https://arcg.is/1P8mCv">https://arcg.is/1P8mCv</a>
Road to Zero: A spatial analysis to guide the Government of South Australia for “Towards Zero Together” road safety goal	Mohd Zaidual Alam	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=9ee0fd629223448c9557f4479f9e0518">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=9ee0fd629223448c9557f4479f9e0518</a>
Finding out the factors that affect House Rent in New York City	Ning Pei Ding	<a href="https://arcg.is/19j0zq">https://arcg.is/19j0zq</a>
Strategic Installation of Emergency Phone Stations to Prevent Sexual Assault in Washington D.C.	Phillip Crain	<a href="https://arcg.is/1iafyK">https://arcg.is/1iafyK</a>
Statistics of California Earthquakes	Qiao Li	<a href="https://arcg.is/49HTu">https://arcg.is/49HTu</a>

# Heinz College Health GIS Course 90-834

Spring 2018

Title	Student(s)	Story Map Link(s)
Developing Offshore Wind Plants on Lake Erie	Josh Ghosh	<a href="https://arcg.is/09aHOP">https://arcg.is/09aHOP</a>
Economic Vitality Index of Philadelphia, PA	Alex Sandoval	<a href="https://arcg.is/TiazD">https://arcg.is/TiazD</a>
The Autonomous Vehicle Market	Allante Whitmore	<a href="https://arcg.is/1f499">https://arcg.is/1f499</a>
Putting a Price on Carbon: Visualizing the Cost of a Car	Dyvonne Body	<a href="https://arcg.is/1a4iWi">https://arcg.is/1a4iWi</a>
Incident Solar Radiation and Installed Photovoltaics in Arizona and Future Development	David DeSmet	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=998d534b829a4b448b74230c34705873">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=998d534b829a4b448b74230c34705873</a>
Targeting Areas for Implementation of Decentralized Water Treatment in Texas	Liz Alexander	<a href="https://arcg.is/1q8XXr">https://arcg.is/1q8XXr</a>
Mapping Allegheny County with Plant Five for Life	Emily Snoek	<a href="https://arcg.is/1bTu8i">https://arcg.is/1bTu8i</a>
Food Deserts in Pittsburgh	Elisha Desmangles Jafar Haider	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=7c0c71bc22094210b0447f532c04d48d">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=7c0c71bc22094210b0447f532c04d48d</a>
Too tiny to be ignored--Fine Particulate Matters and Its Detrimental Health Effects	Haofan Li	<a href="https://arcg.is/1jjXTz0">https://arcg.is/1jjXTz0</a>
Estimating annual concentrations of criteria air pollutants in Pittsburgh in 2017	Hui Yang	<a href="https://arcg.is/Pie9S">https://arcg.is/Pie9S</a>
Arsenic and Nitrate Exposure in Washington State	Kelsey Hall	<a href="https://arcg.is/1qHvnW">https://arcg.is/1qHvnW</a>

Transit Access to Jobs in Allegheny County	Jason Griess	Workplace Area Characteristics Story Map: <a href="https://arcg.is/1baSvL">https://arcg.is/1baSvL</a> Income Specific Story Map: <a href="https://arcg.is/1X40LP">https://arcg.is/1X40LP</a> Swipe Story Map to deal with Income: <a href="https://arcg.is/ai18K">https://arcg.is/ai18K</a> <a href="https://arcg.is/0HyLfv">https://arcg.is/0HyLfv</a>
Identifying Area of High Medical Assistance Need In Relation to KP Service Areas	Michael Coutinho	<a href="https://arcg.is/XuSWu">https://arcg.is/XuSWu</a>
Mapping Displacement and Gentrification in Washington DC	Yash Bharodia	<a href="http://arcg.is/185mvz">http://arcg.is/185mvz</a>
Access to Hospitals Through Public Transportation in NJ	Olivia Gladwin	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=aee a3862eaeb45d48207e32ec672dd61">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=aee a3862eaeb45d48207e32ec672dd61</a>
Digital Redlining Story Map	Shiva Maniam & Owen Stevenson	<a href="https://arcg.is/15qjCf">https://arcg.is/15qjCf</a>
Mapping Innovation Assets in Washington, DC	Robert Santamaria	<a href="https://arcg.is/1KCGz5">https://arcg.is/1KCGz5</a>
Exploring the Impact of Food and Park Access on Obesity and Inactivity in High Poverty Areas of Philadelphia	Stephen Sroba	<a href="https://arcg.is/vna8i">https://arcg.is/vna8i</a>
Diabetes, Hypertension and Hyperlipidemia Disease Analysis	Xiaomeng Sun	<a href="https://arcg.is/1z9fvj">https://arcg.is/1z9fvj</a>
Mapping Connections to Jobs and Education with PAAC Bus Service in Allegheny County	Zhi Wang	<a href="https://arcg.is/15KWav">https://arcg.is/15KWav</a>
Commuter Patterns as a Primer for Autonomous Vehicles	Allante Whitmore	<a href="https://arcg.is/1f499">https://arcg.is/1f499</a>
Estimating annual concentrations of criteria air pollutants in Pittsburgh	Hui Yang	<a href="https://arcg.is/Pie9S">https://arcg.is/Pie9S</a>
Climate Change Impact and Green House Gas Emission in California	Shirley Jiaying Yuan	<a href="https://arcg.is/1O5SCm">https://arcg.is/1O5SCm</a>

**School of Architecture GIS Course 48-781****Spring 2018**

<b>Title</b>	<b>Student(s)</b>	<b>Story Map Link(s)</b>
City of Pittsburgh Schools and STEM Afterschool Program Outreach	Bridgette Mekkelsen	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=520a95004ff04365b1cae8805cad30b5">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=520a95004ff04365b1cae8805cad30b5</a>
Identifying Landslide Risk In Pittsburgh	Ana Caceres & Tania Lopez	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=791c676d47bd46e8804a87e5d15d4a9d">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=791c676d47bd46e8804a87e5d15d4a9d</a>
Effect of Brownfield Development on Distressed Neighborhoods	Asli Selay Darga Ozutemiz & Damini Mathur	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=e8760d84fea84144b2785334223982f3">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=e8760d84fea84144b2785334223982f3</a>
Project Topic: Optimum Residential Area around CMU Campus	Richard Zhan & Ding An	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=d7d0aab9ebe54581a9a7cd1d04bed259">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=d7d0aab9ebe54581a9a7cd1d04bed259</a>
Environmental Justice near Coal Power Plants in Pennsylvania	Sakhi Shah	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=dc2485d20f6142a59dacec291c322565">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=dc2485d20f6142a59dacec291c322565</a>
NYC Energy Benchmarking: capturing effects over the years	Tobi Adekanye	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=294ba92a1ef447a6b164b8dd7157fbf2">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=294ba92a1ef447a6b164b8dd7157fbf2</a>



# Heinz College GIS Course 94-802

Fall 2017

Title	Student(s)	Story Map Link(s)
Mapping the Next Employment Center in Allegheny County	Aatir Siddique	<a href="https://arcg.is/1ny8ma">https://arcg.is/1ny8ma</a>
Under the Microscope: Food Security in the United States	Alvaro Gonzalez and Aiswariya Raja	<a href="https://arcg.is/1GyOjH">https://arcg.is/1GyOjH</a>
Bus Stop Spacing in San Francisco	Ada Tso	<a href="https://arcg.is/1e50Ou">https://arcg.is/1e50Ou</a>
REBUILDING PUERTO RICO FOR RESILIENCE: POWER INFRASTRUCTURE VULNERABILITY & MICROGRID POTENTIAL	<i>Emily Rosen &amp; Benjamin Silliman</i>	<a href="http://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=8e13df9e3da8411b99cbe69421fc49c1">http://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=8e13df9e3da8411b99cbe69421fc49c1</a>
Electric Vehicle (EV) Charging Infrastructure Expansion: Study Case for Pittsburgh, Pennsylvania	David Espinosa	<a href="http://arcg.is/2BHP8in">http://arcg.is/2BHP8in</a>
Mapping United Way of Southwestern PA's Sites and Taxpayers	Gursmeep Hundal	<a href="https://arcg.is/1quLm1">https://arcg.is/1quLm1</a>
An Investigation of Coal Mining and Poverty in Kentucky	Tony (Hyung-Gwan) Bae	<a href="https://arcg.is/1LXarC">https://arcg.is/1LXarC</a>
Labor market disruption by the Fourth Industrial Revolution in United States	Jonny Carmona & Juan Lopez	<a href="http://arcg.is/0u1uPD">http://arcg.is/0u1uPD</a>
Influence of Businesses on Bars and Restaurants: An Analysis of Pittsburgh between 2006-2017	Jorge Solera Camino	<a href="http://arcg.is/1bPL4W">http://arcg.is/1bPL4W</a>
African-American Recruitment and Retention in Pittsburgh	Julie Zdonek	<a href="https://arcg.is/1HG5Cu">https://arcg.is/1HG5Cu</a>
Bike Pittsburgh Open Streets PGH 2017 Survey Data Visualized	Katie Grauer	<a href="http://arcg.is/2zZtV2a">http://arcg.is/2zZtV2a</a>

Partisan Gerrymandering in the 2012 Wisconsin State Assembly Elections	Kyle Furlong	<a href="https://arcg.is/0beeqz">https://arcg.is/0beeqz</a>
The Relationship Between Poverty and Violent Crime by Pittsburgh Neighborhood	Nick Cotter	<a href="http://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=a3e16bf4165745b395f84a0e88ca25d1">http://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=a3e16bf4165745b395f84a0e88ca25d1</a>
Poverty and Math Test Scores in Pittsburgh	Paxton Edwards	<a href="http://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=1dbe7bc8059c4394aed07e646e26653c">http://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=1dbe7bc8059c4394aed07e646e26653c</a>
Understanding the Opioid Crisis in Allegheny County, PA	Rachita Vaidya	<a href="http://arcg.is/0K8qWD">http://arcg.is/0K8qWD</a>
GIS for Crime Analysis	Kee Won Song	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=86649218387c4c5abf74228453fbb0da">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=86649218387c4c5abf74228453fbb0da</a>
US Symphony Orchestras: National, state and local perspectives	Rod Gingrich	<a href="https://arcg.is/1v8S94">https://arcg.is/1v8S94</a>
Microgrid for City Resiliency   Pittsburgh	Shinai He	<a href="http://arcg.is/2A22XXI">http://arcg.is/2A22XXI</a>
Energy Poverty in California	Sicheng Liu	<a href="https://arcg.is/1uH954">https://arcg.is/1uH954</a>
Examining Equity: PAAC Route Requests in Allegheny County	Victoria Zuber	<a href="https://arcg.is/i9KGn">https://arcg.is/i9KGn</a>
Mapping Restaurants in Washington D.C	Wenyan Zhao	<a href="https://arcg.is/1OPXS4">https://arcg.is/1OPXS4</a>
Imagining Economic Regions in Pennsylvania: A new paradigm for private-public partnerships	James Reid	<a href="https://arcg.is/10r1Pb">https://arcg.is/10r1Pb</a>
The Brooklyn-Queens Connector: A Streetcar Named Desire?	Wei Zhu	<a href="https://arcg.is/0b1WLK">https://arcg.is/0b1WLK</a>

Food Bank Location Analysis in Allegheny County	Ella Jiang	<a href="https://arcg.is/04jujz">https://arcg.is/04jujz</a>
Mapping the Maternal and Child Health Condition and Health Facility Distribution in Southern Malawi	Xi Wang	<a href="http://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=14c2e7e0e06c4a22bbaf8c7b8985418d">http://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=14c2e7e0e06c4a22bbaf8c7b8985418d</a>
A GIS Research on the Accessibility of Health Care and Health Conditions in the Allegheny County	Xiang Li	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=b2c93a390ac04c09a33e640dd2aeb297">https://carnegiemellon.maps.arcgis.com/apps/MapSeries/index.html?appid=b2c93a390ac04c09a33e640dd2aeb297</a>
GIS Project Pittsburgh Dedicated Bicycle Lanes: Creating a bicycle- friendly steel city	Kate Tsai	<a href="http://arcg.is/2A8d2qj">http://arcg.is/2A8d2qj</a>
Pittsburgh:Candidate for Amazon's second headquarter	Yue Xu	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=d5277e6f7bc4496b86d6f8419f75d39b">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=d5277e6f7bc4496b86d6f8419f75d39b</a>

# Heinz College GIS Course 94-802

Summer 2017

Title	Student	Story Map Link(s)
One Millennial's Choice to Walk in Lancaster City, PA	Michael Bender	<a href="http://arcg.is/1aCerW">http://arcg.is/1aCerW</a>
A Snapshot of California Agriculture	Thomas Cunningham	<a href="http://www.arcgis.com/apps/MapSeries/index.html?appid=5e071d8e6d9549a3866ef8b38886d6a1">http://www.arcgis.com/apps/MapSeries/index.html?appid=5e071d8e6d9549a3866ef8b38886d6a1</a>
The Luxury Urban Apartment Boom and their effects on Demographics in Pittsburgh	Jill Dilanni	<a href="https://arcg.is/PmHeb">https://arcg.is/PmHeb</a>
Geographic Analysis: Princeton Rescue Squad Transports 2009 – 2017	Chad Hicks	<a href="https://www.arcgis.com/apps/Cascade/index.html?appid=cfe1586f72f347c89803dff13ce7172a">https://www.arcgis.com/apps/Cascade/index.html?appid=cfe1586f72f347c89803dff13ce7172a</a>
New YORK CITY PEDESTRIAN INJURY & FATALITY STUDY: Executive Briefing	Rich Jacobs	<a href="http://arcg.is/1vj8Sa">http://arcg.is/1vj8Sa</a>
Crime in Pittsburgh	Jubin Katyal	<a href="https://arcg.is/0mTD1a">https://arcg.is/0mTD1a</a>
Spatial Analysis of Weapons Offenses in Salt Lake City	Clint Kehr	<a href="http://arcg.is/1Hnnb9">http://arcg.is/1Hnnb9</a>
Solar Farm Suitability in Texas	Taimur Khan	<a href="http://arcg.is/1u1vzr">http://arcg.is/1u1vzr</a>
Geographic Information Systems Water Usage Analysis in U.S.A (California)	Naveen Nehru	<a href="https://arcg.is/Oy1T9">https://arcg.is/Oy1T9</a>
Safe Home Network Inc. MARKET ANALYSIS FOR A NEW SERVICE LAUNCH IN THE STATE OF NORTH	Pujita Patni	<a href="http://arcg.is/1XP8bH">http://arcg.is/1XP8bH</a>

CAROLINA		
A Study of Pittsburgh EMSs	Sughosh Murali Rao	<a href="http://arcg.is/111qCb">http://arcg.is/111qCb</a>
Bikeways and Buses: Montgomery County, MD: Increasing bicycle and bus commuting	Nathaniel Richmond	<a href="https://www.arcgis.com/apps/Cascade/index.html?appid=938c465726a34f1ba6d14f7809decfcf">https://www.arcgis.com/apps/Cascade/index.html?appid=938c465726a34f1ba6d14f7809decfcf</a>
Real Estate in King County	Jose Alberto Rodriguez Garcia	<a href="https://arcg.is/1K4eq8">https://arcg.is/1K4eq8</a>
Mapping Telehealth opportunities in Michigan	Matthew Schwieger	<a href="https://arcg.is/00W1rL">https://arcg.is/00W1rL</a>
Breaking down the “blue” wall: researching Michigan State’s 2016 presidential election voter swing and whether it was predictable.	Rob Smith	<a href="http://arcg.is/0D5yvS">http://arcg.is/0D5yvS</a>
Electric Chinatown: Intermountain Power Plant, Delta Utah	Mark Taylor	<a href="https://arcg.is/1avDC4">https://arcg.is/1avDC4</a>
Study of Recycling in Municipalities of Massachusetts	Georgina Tolgos	<a href="https://arcg.is/1GyS94">https://arcg.is/1GyS94</a>
A GIS Research on South Australia’s Hospital Adequateness Evaluation and Possible New Locations	Zhaohan Wang	<a href="http://arcg.is/K4XCb">http://arcg.is/K4XCb</a>
Alaskan Reported Income Levels and Contract Set Asides for Alaska Native Corporations 2010	Lowell Williams	<a href="https://arcg.is/1iPyLm">https://arcg.is/1iPyLm</a>

Social Services and Population Demographics in Seattle	Ben Wynia	<a href="https://arcg.is/0vzja8">https://arcg.is/0vzja8</a>
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# Heinz College Health GIS Course 90-834

Spring 2018

Title	Student(s)	Story Map Link(s)
Developing Offshore Wind Plants on Lake Erie	Josh Ghosh	<a href="https://arcg.is/09aHOP">https://arcg.is/09aHOP</a>
Economic Vitality Index of Philadelphia, PA	Alex Sandoval	<a href="https://arcg.is/TiazD">https://arcg.is/TiazD</a>
The Autonomous Vehicle Market	Allante Whitmore	<a href="https://arcg.is/1f499">https://arcg.is/1f499</a>
Putting a Price on Carbon: Visualizing the Cost of a Car	Dyvonne Body	<a href="https://arcg.is/1a4iWi">https://arcg.is/1a4iWi</a>
Incident Solar Radiation and Installed Photovoltaics in Arizona and Future Development	David DeSmet	<a href="https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=998d534b829a4b448b74230c34705873">https://carnegiemellon.maps.arcgis.com/apps/MapJournal/index.html?appid=998d534b829a4b448b74230c34705873</a>
Targeting Areas for Implementation of Decentralized Water Treatment in Texas	Liz Alexander	<a href="https://arcg.is/1q8XXr">https://arcg.is/1q8XXr</a>
Mapping Allegheny County with Plant Five for Life	Emily Snoek	<a href="https://arcg.is/1bTu8i">https://arcg.is/1bTu8i</a>
Food Deserts in Pittsburgh	Elisha Desmangles Jafar Haider	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=7c0c71bc22094210b0447f532c04d48d">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=7c0c71bc22094210b0447f532c04d48d</a>
Too tiny to be ignored--Fine Particulate Matters and Its Detrimental Health Effects	Haofan Li	<a href="https://arcg.is/1jjXTz0">https://arcg.is/1jjXTz0</a>
Estimating annual concentrations of criteria air pollutants in Pittsburgh in 2017	Hui Yang	<a href="https://arcg.is/Pie9S">https://arcg.is/Pie9S</a>
Arsenic and Nitrate Exposure in Washington State	Kelsey Hall	<a href="https://arcg.is/1qHvnW">https://arcg.is/1qHvnW</a>

Transit Access to Jobs in Allegheny County	Jason Griess	Workplace Area Characteristics Story Map: <a href="https://arcg.is/1baSvL">https://arcg.is/1baSvL</a> Income Specific Story Map: <a href="https://arcg.is/1X40LP">https://arcg.is/1X40LP</a> Swipe Story Map to deal with Income: <a href="https://arcg.is/ai18K">https://arcg.is/ai18K</a> <a href="https://arcg.is/0HyLfv">https://arcg.is/0HyLfv</a>
Identifying Area of High Medical Assistance Need In Relation to KP Service Areas	Michael Coutinho	<a href="https://arcg.is/XuSWu">https://arcg.is/XuSWu</a>
Mapping Displacement and Gentrification in Washington DC	Yash Bharodia	<a href="http://arcg.is/185mvz">http://arcg.is/185mvz</a>
Access to Hospitals Through Public Transportation in NJ	Olivia Gladwin	<a href="https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=aee a3862eae b45d48207e32ec672dd61">https://carnegiemellon.maps.arcgis.com/apps/Cascade/index.html?appid=aee a3862eae b45d48207e32ec672dd61</a>
Digital Redlining Story Map	Shiva Maniam & Owen Stevenson	<a href="https://arcg.is/15qjCf">https://arcg.is/15qjCf</a>
Mapping Innovation Assets in Washington, DC	Robert Santamaria	<a href="https://arcg.is/1KCGz5">https://arcg.is/1KCGz5</a>
Exploring the Impact of Food and Park Access on Obesity and Inactivity in High Poverty Areas of Philadelphia	Stephen Sroba	<a href="https://arcg.is/vna8i">https://arcg.is/vna8i</a>
Diabetes, Hypertension and Hyperlipidemia Disease Analysis	Xiaomeng Sun	<a href="https://arcg.is/1z9fvj">https://arcg.is/1z9fvj</a>
Mapping Connections to Jobs and Education with PAAC Bus Service in Allegheny County	Zhi Wang	<a href="https://arcg.is/15KWav">https://arcg.is/15KWav</a>
Commuter Patterns as a Primer for Autonomous Vehicles	Allante Whitmore	<a href="https://arcg.is/1f499">https://arcg.is/1f499</a>
Estimating annual concentrations of criteria air pollutants in Pittsburgh	Hui Yang	<a href="https://arcg.is/Pie9S">https://arcg.is/Pie9S</a>
Climate Change Impact and Green House Gas Emission in California	Shirley Jiaying Yuan	<a href="https://arcg.is/1O5SCm">https://arcg.is/1O5SCm</a>



**School of Architecture GIS Course 48-781****Spring 2017**

<b>Title</b>	<b>Student(s)</b>	<b>Story Map Link(s)</b>
Accessibility to Aspirations: Public Transportation Access to Private Schools in Pittsburgh	Abhilaash Narayana Rao	<a href="http://arcg.is/2qLBvvK">http://arcg.is/2qLBvvK</a>
The risk of nitrogen hunger	Jorge Izar	<a href="http://arcg.is/2q8MRdE">http://arcg.is/2q8MRdE</a>
Inclusionary Zoning and Academic Performance Study	Nicole Racine	<a href="http://arcg.is/2qATk0C">http://arcg.is/2qATk0C</a>
Human Exposure Potential for Hazardous Waste Sites in Nashville, TN	Shanna Rucker	<a href="http://arcg.is/2ptUV7I">http://arcg.is/2ptUV7I</a>
Miami-Dade Sea Level Rise	Vanya Britto	<a href="http://arcg.is/2qJzrSa">http://arcg.is/2qJzrSa</a>
Identify potential impacts of sea level rise to a coastal area in Florida	Chen Zhou	Report + Power Point Presentation
Analysis of Racial Distribution in Omaha, Nebraska Compared to Various Poverty Indices	Christian Jewett	Report + Power Point Presentation
Creating Level of Detail context for a proposed site model from ArcGIS Pro	ErnestBellamy	Report + Power Point Presentation
Pressure Loss Travel Time Analysis for Major U.S. Natural Gas Pipelines	Gerad Freeman	Power Point Presentation
New York City Taxi Shared Mobility Analysis	Jacob Ward	<a href="http://arcg.is/2pKLa2Z">http://arcg.is/2pKLa2Z</a>
CARNEGIE MELLON UNIVERSITY BUILDINGS 3D SPACE MODELING FOR FACILITIES MANAGEMENT IN ARCGIS PRO	Jay Patel	Report + Power Point Presentation
Water Vulnerability in the Pittsburgh Region	LobnaElGammal	Report + Power Point Presentation
Gentrification in Portland, Oregon (2000- 2010)	Luke Dennin	Report + Power Point Presentation
Assessment of Hunt Armory as Ice Rink	RichardBuechel	Report + Power Point Presentation

RESTAURANT ANALYSIS UNDERSTANDING WHAT CONTRIBUTES TO A RESTAURANT'S SUCCESS	RUCHIKA DHAR TAMARA CARTWRIGHT	<a href="http://arcg.is/2qDtaaT">http://arcg.is/2qDtaaT</a>
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