

# ANTHONY KIMPTON

## Academic Curriculum Vitae

Anthony is quantitative sociologist and human geographer with advanced geospatial statistics training. Their overarching career aim reducing the open data and data science expertise barrier for researchers, policy makers, planning practitioners, and the public to co-design liveable cities where socially diverse communities can thrive.



## EDUCATION

2018

### Doctor of Philosophy

The University of Queensland's School of Earth and Environmental Sciences

📍 Brisbane, Australia

**Thesis:** "The Sociability of Urban Greenspace: An Exploration of How Public Parks and Private Backyards Influence the Social Sustainability of Urban Communities" entailing the development of the first quantitative social sustainability measure, and employing social survey, crime incidence, remote imagery, administrative, and population census data to examine how public greenspace and backyards influence the neighbourhood social sustainability

**Geography & Sociology:** Logistic, negative binomial, and linear regression, cluster analysis using Stata

2012

### Bachelor of Arts Honours (1st class)

The University of Queensland's School of Social Sciences

📍 Brisbane, Australia

**Thesis:** "Seeing Green: Can the Objective Physical Environment Predict Place Attachment?" employing social survey, crime incidence, census, and administrative data to examine how public greenspace influences place attachment

**Sociology:** Multi-level statistical modelling; research design and scoping

2011

### Bachelor of Arts

The University of Queensland's School of Social Sciences

📍 Brisbane, Australia

**Sociology & Archaeology:** Statistical modelling using Stata and Excel; qualitative interviewing methods; geo-spatial analysis or GIS using ArcGIS; field work; laboratory methods and procedures



## GRANTS AND AWARDS

2021

### \$89,342 High Impact Projects Grant

The Australian Urban Research Infrastructure Network

📍 Melbourne, Australia

**Aim:** Lead the development of the Green Australian Vehicle Ownership (GreenAVO) service that harvests and links Australian state and territory vehicle registration APIs with vehicle characteristics from the Australian Green Vehicle Guide API to reveal spatiotemporal trends in vehicle ownership at the postcode-level for tracking, predicting, and accelerating the national transition towards hybrid and electric vehicles through strategic planning and infrastructure.

## CONTACT INFO



[a.kimpton@uq.edu.au](mailto:a.kimpton@uq.edu.au)

<https://github.com>

[/akimpt](#)

📞 +61 412 452 471

For more

information, please

contact me via email.

## SKILLS

Geospatial, temporal, textual, and machine learning statistical modelling

Advanced capabilities with R, Stata, ArcGIS, Python, SQL, and to a lesser extent, Bash, Docker, HTML, and CSS

Streamlined Github and rMarkdown workflow for generating and updating manuscripts, reports, presentations, APIs, interactive web pages and applications, and also academic resumes!

- 2020 ● **Dean's Award for Outstanding HDR Thesis**  
The University of Queensland's Graduate School  
**Criteria:** Both thesis examiners Professors Alexis Comber and Kate Bowers commending the 2018 thesis as an outstanding theoretical, empirical, and applied research contribution requiring no changes.
- 2020 ● **Early Career Researcher Travel Grant**  
The Institute of Australian Geographers  
**Aim:** Competitive grant funding travel to the 2020 International Geographical Union conference in Turkey (cancelled due to COVID)
- 2019 ● **Early Career Researcher Grant**  
The University of Queensland's School of Earth and Environmental Sciences  
**Aim:** Competitive grant for travel and registration to present at the 2019 Australian Sociological Association conference
- 2019 ● **Australian Postgraduate Award**  
The Australian Research Council  
**Aim:** Competitive grant providing \$24,653 per annum throughout PhD candidature



## RESEARCH EXPERIENCE

- 2022 ● **Postdoctoral Research Fellow**  
The University of Queensland's School of Earth and Environmental Sciences  
Brisbane, Australia  
**Role:** Investigate Australian international and internal migration, migration policy, visa types and regional retention of immigrants using the ABS MADIP service and primarily the Traveller module with the R (programming language) for all GIS, statistical modelling, and reporting.
- 2021 ● **Software Developer**  
The Australian Urban Research Infrastructure Network and the University of Queensland's School of Civil Engineering  
Brisbane, Australia  
**Role:** Develop microservices (AGILE software development) for the Australian Transport Research Cloud e.g. interactive graphics and dashboards, and application programming interfaces (API) for the public and collaborating universities using R (programming language), Docker for containerisation, and Bash for AURIN Virtual Machine operations
- 2018 | 2020 ● **Postdoctoral Research Fellow**  
The Queensland Department of Transport and Main Roads & The University of Queensland's School of Earth and Environmental Sciences  
Brisbane, Australia  
**Role:** Review Australian land use and transport policy, examine land use and census data to determine how parking supply aligns with policy and influences urban mobility using the R (programming language) for all GIS, statistical modelling, and reporting including the following project page: <https://parks-uq.github.io/>
- 2013-2018 ● **Research Assistant**  
The University of Queensland's School of Geography, Planning, and Environmental Management  
Brisbane, Australia  
**Role:** Review community sociology and environmental criminology research literature focusing on how natural disasters impact community sociability, and examine social survey, crime incident, census, flood, and administrative data using ArcGIS for spatial analyses and cartography, and Stata for statistical modelling and data visualization



## TEACHING EXPERIENCE

2021  
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present

### PhD Supervisor

The University of Queensland's School of Civil Engineering & School of Earth and Environmental Sciences

📍 Brisbane, Australia

Supervising one PhD candidate investigating the First and Last Mile Problem of public transport and further investigating internal migration of immigrants within Australia

2016  
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present

### Sessional Lecturer

The University of Queensland's School of Earth and Environmental Sciences

📍 Brisbane, Australia

**Teaching Evaluations:** Ranging 4.2 to 4.5 on a 5-point scale with 4.3 most recently awarded for both online and face-to-face delivery

- **GEOG1000: Human Settlements:** Develop and present lectures on the history of human settlements and future of cities to over 200 first-year urban planning, geography, and environmental management students per semester
- **GEOG2202/GEOG7202: Global Population Issues:** Develop and deliver lectures on global demographic challenges to over 60 second-year and postgraduate urban planning and geography students per semester
- **GEOG3003: The Global Metropolis:** Invited for first lecturing assignment to revamp and re-badge the "GEOG3030: the Asian Metropolis" capstone course by developing and delivering six new lectures on topics including smart cities, transport, and sustainability to over 40 final-year urban planning and geography students per semester

2016  
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2017

### School Representative

The University of Queensland's School of Earth and Environmental Sciences

📍 Brisbane, Australia

**Role:** Invited and employed to develop and deliver presentations at high schools, career open days, and high school teaching conferences to promote geography, planning, environmental management, and geology

2013  
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2018

### Lead Tutor/Demonstrator

The University of Queensland's School of Earth and Environmental Sciences & School of Social Sciences

📍 Brisbane, Australia

**Teaching Evaluations:** Ending with 4.7 on a 5-point scale for face-to-face delivery and consistently high evaluations created opportunities to lecture

- **GEOG1000: Human Settlements:** Develop practicals, workbooks, and assessments for over 200 first-year geography, environmental management, and urban planning students per semester, and manage and train up to 4 demonstrators running a portion of these practicals per semester
- **SOCY2339/7339: Introduction to Quantitative Methods:** Develop and deliver introductory statistical modelling workshops using Stata for over 60 second-year and 20 research by higher degree students per semester
- **SOCY2340: Sociology of the City:** Tutor across urban topics including public space, social equity, community sociability, and environmental criminology to over 60 second-year sociology, criminology, urban planning, and geography students per semester
- **CRIM1000: Introduction to Criminology** Develop and deliver introductory criminology tutorials to over 60 first-year criminology students per semester



## PROFESSIONAL EXPERIENCE

- 2019  
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2020
- **The Early and Mid Career Researcher Representative**  
The University of Queensland's Faculty of Science Research Committee  
📍 Brisbane, Australia  
**Role:** Invited to represent EMCRs at monthly faculty research committee meetings chaired by the faculty Associate Dean of Research
- 2019  
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2020
- **The Urban Planning and Geography Representative**  
The University of Queensland's School of Earth and Environmental Sciences Early Career Researcher Committee  
📍 Brisbane, Australia  
**Role:** Invited to represent urban planning and geography ECRs at monthly school meetings, develop grant guidelines and applications, and evaluate these applications
- 2018  
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present
- **Milestone and Thesis Examiner**  
**Role:** Examine RhD milestones and theses on topics including environmental criminology, urban sociology, demography, land use and transport planning, and urban ecology
- 2015  
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present
- **Academic Journal Reviewer**  
**Role:** Peer-reviewer for journals including: *Applied Geography*; *Applied Spatial Analysis and Policy*; *Australian Planner*; *Behavioural Research Methods*; *City, Culture and Society*; *Ecosystem Services*; *Environment and Behaviour*; *Environment and Planning B: Urban Analytics and City Science*; *Environmental Planning and Management*; *Geoforum*; *Housing and the Built Environment*; *Land Use Policy*; *Landscape and Urban Planning*; *Landscape Research*; *Population Research*; *Research in Crime and Delinquency*; *Security Journal*; *Social Science Research*; *Spatial Science*; *Springer Nature: Social Science*; *Sustainability*; *Sustainable Cities and Society*; *Transport Reviews*; *Travel Behaviour and Society*; *Urban Studies*; and *Urbanism: International Research on Placemaking and Urban Sustainability*



## CONFERENCE PRESENTATIONS

- 2019
- **Capturing Change to Daily Mobility (and Immobility)**  
eResearch Australasia Conference  
📍 Brisbane, Australia  
**A. Kimpton**
- 2019
- **Contemporary Parking Policy and Practice in Large Australian Cities**  
International Geographical Union  
📍 L'Aquila, Italy  
**A. Kimpton, D. Pojani, C. Ryan, L. Ouyang, J. Corcoran, & N. Sipe**
- 2018
- **Urban Immobility**  
International Geographical Union  
📍 Quebec, Canada  
**A. Kimpton, J. Corcoran, D. Pojani, & N. Sipe**
- 2018
- **By Invitation Only: Private and Public Space, Neighborhood Social Cohesion and Crime**  
American Society of Criminology Conference  
📍 Atlanta G.A., United States  
**A. Kimpton, J. Corcoran, & R. Wickes**
- 2017
- **The Duality of Neighborhood Social Conduits: A Case Study of Greenspace Crime**  
American Society of Criminology Conference  
📍 Philadelphia P.A., United States  
**A. Kimpton, J. Corcoran, J. Hipp, R. Wickes, & R. Zahnow**

- 2015 ● **Public Greenspaces and Crime**  
American Society of Criminology Conference  Washington D.C, United States  
A. Kimpton, J. Corcoran, & R. Wickes
- 2015 ● **Public Greenspaces and Crime: An Analysis of Crime Timing and Public Greenspace Amenities**  
State of Australian Cities Conference  Gold Coast, Australia  
A. Kimpton, J. Corcoran, & R. Wickes
- 2014 ● **Perspectives on Resilience: A Case Study of the 2011 Brisbane Floods**  
Disaster and Emergency Management Conference  Gold Coast, Queensland  
A. Kimpton & J. Corcoran



## PROFESSIONAL MEMBERSHIP

- The Institute of Australian Geographers
- The International Geographical Union



## OTHER SKILLS AND QUALIFICATIONS

- 2020 ● Asymmetric Innovations' Impact Forge
- 2019 ● Writing for The Conversation
- 2019 ● Science Communication and Mainstream Media
- 2019 ● Alternate Futures' Industry Engagement Program
- 2017 ● Software Carpentry with Python
- 2016 ● Complete Python Bootcamp
- 2016 ● Stata Programming Workshop
- 2015 ● Multilevel Modelling Course
- 2014 ● Open Knowledge Brisbane Data Visualisation Workshop
- 2013 ● Envirohack Workshop
- 2013 ● Tutors@UQ Program



## REFEREES



### **Professor Jonathan Corcoran**

Director of the Queensland Centre for Population Research

**Mail:** Room 512, Level 5, Chamberlain Building (#35), University of Queensland, St Lucia, Queensland, Australia, 4067

**Phone:** (+61) 733 656 517

**Email:** [jj.corcoran@uq.edu.au](mailto:jj.corcoran@uq.edu.au)



### **Professor Rebecca Wickes**

Director for the Monash Migration and Inclusion Centre

**Mail:** School of Social Sciences, Monash University, Clayton, Victoria, Australia, 3800

**Phone:** (+61) 413 623 929

**Email:** [rebecca.wickes@monash.edu.au](mailto:rebecca.wickes@monash.edu.au)



### **Dr Aude Bernard**

Current Supervisor and a Leading Migration Researcher

**Mail:** Room 512, Level 5, Chamberlain Building (#35), University of Queensland, St Lucia, Queensland, Australia, 4067

**Phone:** (+61) 7 336 56704

**Email:** [a.bernard@uq.edu.au](mailto:a.bernard@uq.edu.au)