

# ANTHONY KIMPTON

Academic Curriculum Vitae for the position of **lecturer** with expertise including “**Health/safety intersections**” and “**Big data, data science technology, and crime**” at Griffith Criminology and Griffith Criminology Institute.

Please see accompanying **Cover Letter** and **Selection Criteria Response**, and feel free to email [a.kimpton@uq.edu.au](mailto:a.kimpton@uq.edu.au) or call +61 412 452 471 if seeking clarification or elaboration on any of the education, grant, awards, experience, skills, publications, or difficulty with reaching referees.



## 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

**Focus:** developing 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 neighborhood social sustainability

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

2012

### 1st class Bachelor of Arts Honours

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 incident, 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

## 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, and textual statistical analysis of big data for explanatory models, and machine learning for classification, variable selection, and regularization for predictive models

highly skilled in R (programming language), Stata, ArcGIS, Python, and SQL and familiar with Bash, Docker, HTML, and CSS, and advanced rMarkdown workflow for generating manuscripts, reports, presentations, APIs, static and interactive web pages and applications, and for keeping academic resumes and metrics up to date...



## 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 spatio-temporal 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.

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 describing the 2018 thesis is an outstanding theoretical, empirical, and applied research contributions 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 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

2021

- **Postdoctoral Research Fellow**  
The Australian Urban Research Infrastructure Network and the University of Queensland's School of Civil Engineering  
**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 influences urban mobility using the R (programming language) for all GIS, statistical modeling, and reporting including the [project page](#)

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  
|  
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  
|  
present

### Sessional Lecturer

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

📍 Brisbane, Australia

**Teaching Evaluations:** ranging 4.1 to 4.3 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  
|  
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  
|  
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:** research by higher degree students per semester 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
- **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  
|  
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  
|  
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, and develop grant guidelines and applications, evaluate these applications

2018  
|  
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  
|  
present

## Academic Journal Reviewer

**Role:** peer-review 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



## PEER-REVIEWED PUBLICATIONS

- 2021 ● **Total cites = 188 and h-index = 6**  
Ten year h-index projection = 24.0510523 (see: Acuna et al. 2012  
Future impact: Predicting scientific success *Nature*)
- 2021 ● **Parking policy and bay-sharing for unmooring automobility from cities (cites = 0)**  
*A Modern Guide To The Urban Sharing Economy* (book chapter)  
A Kimpton, D Pojani, N Sipe, J Corcoran
- 2021 ● **Neighbourhood places, collective efficacy and crime: a longitudinal perspective (cites = 0)**  
*Urban Studies* (sjr = Q1; impact factor = 2.6)  
R Zahnow, J Corcoran, A Kimpton, R Wickes
- 2021 ● **Sociospatial factors explaining daylight saving preferences in australia (cites = 0)**  
*The Professional Geographer* (sjr = Q1; impact factor = 1.5)  
T Sigler, H Boyd, A Kimpton
- 2021 ● **The socio-spatial determinants of covid-19 diffusion: the impact of globalisation, settlement characteristics and population (cites = 22)**  
*Globalization And Health* (sjr = Q1; impact factor = 3)  
T Sigler, S Mahmuda, A Kimpton, J Loginova, P Wohland, ...
- 2020 ● **Explaining the railheading travel behaviour with home location, park 'n'ride characteristics, and the built environment to strengthen multimodalism (cites = 0)**  
*Applied Spatial Analysis And Policy* (sjr = Q2; impact factor = 1.4)  
A Kimpton
- 2020 ● **Upset diagrams for examining whether parking maximums influence modal choice and car holdings (cites = 0)**  
*Environment And Planning A: Economy And Space* (sjr = Q1; impact factor = 4.9)  
A Kimpton

- 2020 ● **Visualising australia's older population using grid maps (cites = 0)**  
*Australian Population Studies*  
A Kimpton
- 2020 ● **Contemporary parking policy, practice, and outcomes in three large australian cities (cites = 5)**  
*Progress In Planning* (sjr = Q1; impact factor = 3.8)  
A Kimpton, D Pojani, C Ryan, L Ouyang, N Sipe, J Corcoran
- 2020 ● **Parking behavior: park 'n'ride (pnr) to encourage multimodalism in brisbane (cites = 16)**  
*Land Use Policy* (sjr = Q1; impact factor = 3.2)  
A Kimpton, D Pojani, N Sipe, J Corcoran
- 2020 ● **Setting the agenda for parking research in other cities (cites = 0)**  
*Parking* (book chapter)  
D Pojani, A Kimpton, N Sipe, J Corcoran, I Mateo-Babiano, D Stead
- 2019 ● **Planning students' conceptions of research (cites = 3)**  
*Journal Of Planning Education And Research* (sjr = Q1; impact factor = 2.3)  
D Pojani, A Kimpton, R Rocco
- 2019 ● **The temporality of place: constructing a temporal typology of crime in commercial precincts (cites = 6)**  
*Environment And Planning B: Urban Analytics And City Science* (sjr = Q1; impact factor = 0.89)  
J Corcoran, R Zahnow, A Kimpton, R Wickes, C Brunsdon
- 2017 ● **A spatial analytic approach for classifying greenspace and comparing greenspace social equity (cites = 54)**  
*Applied Geography* (sjr = Q1; impact factor = 3.1)  
A Kimpton
- 2017 ● **Greenspace and crime: an analysis of greenspace types, neighboring composition, and the temporal dimensions of crime (cites = 48)**  
*Journal Of Research In Crime And Delinquency* (sjr = Q1; impact factor = 2.9)  
A Kimpton, J Corcoran, R Wickes
- 2014 ● **Greenspace and place attachment: do greener suburbs lead to greater residential place attachment? (cites = 29)**  
*Urban Policy And Research* (sjr = Q1; impact factor = 1.3)  
A Kimpton, R Wickes, J Corcoran



## FURTHER POSITION-RELEVANT TRAINING

- 2020 ● **Asymmetric Innovations Industry Engagement Program**

- 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**



## PROFESSIONAL MEMBERSHIP

- **The Institute of Australian Geographers**
- **The International Geographical Union**



## REFEREES

- **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)
- **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, Australian, 4067  
  
**Phone:** (+61 7) 336 56517  
  
**Email:** [jj.corcoran@uq.edu.au](mailto:jj.corcoran@uq.edu.au)



**Emeritus Professor Neil Sipe**

Former School Head of Urban and Regional Planning

**Mail:** Chamberlain Building (#35), University of Queensland, St Lucia,  
Queensland, Australian, 4067

**Phone:** (+61) 439 746 123

**Email:** [n.sipe@uq.edu.au](mailto:n.sipe@uq.edu.au)