

ANTHONY KIMPTON

Academic Curriculum Vitae

Anthony is an urban planner with advanced geospatial statistics training. They are currently an adjunct researcher at the University Queensland and have an ongoing role within the Australian Bureau of Statistics as a [MADIP Data Specialist](#) where they supervise data scientists within the Big Data Pathways section. They are excited by the promise of smart cities and a socially sustainable global society starting from the neighbourhood-scale. Their overarching career objective is clearing the open and big data expertise barrier so that urban researchers and the public can 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



<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 for example, this resume!

- 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 ● **MADIP Data Specialist**
The Australian Bureau of Statistics' Big Data Pathways Section 📍 Brisbane, Australia
Role: Investigate the extent to which government records can replace survey content collected by the Australian Bureau of Statistics. They are currently investigating dwelling structure and location (ABS big data), income tax records (ATO big data), and government payments (DSS and DVA big data) to replace over 120 survey questions collected from 45k Australians every 2 years. Further, they supervise graduate data scientists investigating disability (NDIS big data) and concession card (DSS big data).
- 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
|
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
|
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:**

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
|
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*



PUBLICATIONS

Current

- **Overall (Google Scholar 09/10/24)**

Total cites = 535 and h-index = 11

- 2019 ● **What can our cities do about sprawl, congestion and pollution? Tip: scrap car parking (cites = 0)**
The Conversation (sjr = Q1)
 N Sipe, **A Kimpton** & D Pojani
- 2020 ● **Setting the agenda for parking research in other cities (cites = 4)**
Parking: an International Perspective (sjr = Q1)
 D Pojani, **A Kimpton**, N Sipe, J Corcoran, I Mateo-Babiano & D Stead
- (cites =)
 (sjr =)
- (cites =)
 (sjr =)
- (cites =)
 (popular media)
- (cites =)
 (sjr =)
- (cites =)
 (sjr =)
- 2023 ● **The temporality of on-street parking—exploring the role of land-use mix and change on parking dynamics (cites = 1)**
Environment and Planning B: Urban Analytics and City Science (sjr = Q1)
A Kimpton, D Stead & J Corcoran
- 2021 ● **First and last mile travel mode choice: a systematic review of the empirical literature (cites = 5)**
international Journal of Sustainable Transportation (sjr = Q1)
 Y Lu, **A Kimpton**, CG Prato, N Sipe & J Corcoran
- 2020 ● **Parking behavior: park 'n'ride (pnr) to encourage multimodalism in Brisbane (cites = 41)**
Land Use Policy (sjr = Q1)
A Kimpton, D Pojani, N Sipe & J Corcoran
- 2022 ● **E-scooters are becoming wildly popular—but we have to factor in the weather (cites = 0)**
The Conversation (sjr = Q2)
A Kimpton, D Pojani, J Corcoran, J Loginova, R Bean & T Sigler
- 2022 ● **The role of household modality style in first and last mile travel mode choice (cites = 20)**
Transportation Research Part A: Policy and Practice (book chapter)
 Y Lu, CG Prato, N Sipe, **A Kimpton** & J Corcoran
- 2014 ● **Greenspace and place attachment: do greener suburbs lead to greater residential place attachment? (cites = 53)**
Urban Policy and Research (sjr = Q1)
A Kimpton, R Wickes & J Corcoran
- 2021 ● **Contemporary parking policy, practice, and outcomes in three large Australian cities (cites = 22)**
Progress in Planning (book chapter)
A Kimpton, D Pojani, C Ryan, L Ouyang, N Sipe & J Corcoran

- 2018 ● **The sociability of urban greenspace: an exploration of how public parks and private backyards influence the social sustainability of urban communities (cites = 0)**
 ** (sjr = Q1)
 A Kimpton
- 2021 ● **The socio-spatial determinants of COVID-19 diffusion: the impact of globalisation, settlement characteristics and population (cites = 112)**
Globalization and Health (sjr = Q2)
 T Sigler, S Mahmuda, A Kimpton, J Loginova, P Wohland & ...
- 2021 ● **Sociospatial factors explaining daylight saving preferences in Australia (cites = 0)**
The Professional Geographer (sjr = Q1)
 T Sigler, H Boyd & A Kimpton
- 2018 ● **Why driverless vehicles should not be given unchecked access to our cities (cites = 5)**
The Conversation (sjr = Q1)
 D Stead, A Kimpton, D Pojani, I Mateo Babiano, J Corcoran & N Sipe
- (cites =)
 (popular media)
- 2020 ● **Upset diagrams for examining whether parking maximums influence modal choice and car holdings (cites = 1)**
Environment and Planning A: Economy and Space (popular media)
 A Kimpton
- 2017 ● **A spatial analytic approach for classifying greenspace and comparing greenspace social equity (cites = 98)**
Applied Geography (popular media)
 A Kimpton
- (cites =)
 (sjr =)
- 2021 ● **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 = Q1)
 A Kimpton
- 2020 ● **Visualising Australia's older population using grid maps (cites = 0)**
Australian Population Studies (sjr = Q1)
 A Kimpton



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**
Deputy Associate Dean of Science and 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
- **Professor Rebecca Wickes**
Former Director for the Monash Migration and Inclusion Centre
Mail: School of Criminology and Criminal Justice, Griffith University, Mount Gravatt, Queensland, Australia, 4122
Phone: (+61) 413 623 929
Email: r.wickes@griffith.edu.au
- **Emeritus Professor Neil Sipe**
Former School Head of Urban and Regional Planning
Mail: Chamberlain Building (#35), University of Queensland, St Lucia, Queensland, Australia, 4067
Phone: (+61) 427 958 566
Email: n.sipe@uq.edu.au