James Hollway

Positions

2023–, Co-Director, Global Governance Centre, Geneva Graduate Institute.

2023–, Head of Environment and Sustainability, Interdisciplinary Master Programme, Geneva Graduate Institute.

2020–, Associate Professor of International Relations/Political Science, Geneva Graduate Institute.

2022–2025, Adjunct Professor, Département de science politique, Université Laval.

2015–2019, Assistant Professor of International Relations/Political Science, Graduate Institute of International and Development Studies.
Co-Director of Professional Skills Training for International Relations/Political Science.

2015, Postdoctoral Research Fellow, Social Network Analysis Research Center, Università della Svizzera italiana.

2014–2015, Predoctoral/Postdoctoral Research Fellow, Chair of Social Networks, ETH Zürich.

2012–2013, Non-Stipendiary Lecturer, St Anne's College, University of Oxford.

Education

DPhil, International Relations, Nuffield College, University of Oxford, 2015

MA, International Relations, Jacobs University & Universität Bremen, 2010

LLB, International Law, Victoria University Wellington, 2006

BA, Political Science, Victoria University Wellington, 2005

Awards

Hans Wilsdorf Fondation Project Grant. Scientific Coordinator, Axis 2. 2024-2026.
"Le Centre d'Humanités Digitales et du Multilatéralisme".

SNF Division I Project Grant. Principal Investigator. 2020-2024.
"PANARCHIC: Power and networks and the rate of change in institutional complexes".

AAP Prose Award for Environmental Science (for GEO-6). 2020.

IHEID Seed Grant. 2018.

"Dynamic network actor models" for *Sociological Methodology* symposium. 2017.

William D. Richards Software Award (for RSiena). 2017.

IHEID Seed Grant. 2017.

ECPR Jean Blondel PhD Prize in Politics (nominated). 2016.

ISA Travel Grant. 2015.

Cyril Foster Bequest Fund Award. 2014.

BISA Founders Fund Award. 2013.

Buchan Reader in IR Award. 2012.

Bapsybanoo Marchioness of Winchester Award. 2012.

Nuffield College Fund Award. 2012, 2012, 2013, 2014.

Departmental Studentship. 2012-2013.

Nuffield College Studentship. 2011-2012, 2012-2013, 2013-2014.

DFG Excellence Cluster Doctoral Fellowship. 2010-renounced 2011.

JUB/UB MAIR Fee Scholarship. 2008-2010.

Publications   *Books*

2021. *Multimodal Political Networks*. Cambridge: Cambridge University Press. (with David Knoke, Mario Diani, and Dimitris Christopoulos)

Articles

2023, "Checking for updates: Ratification, design, and institutional adaptation". *International Studies Quarterly* 67(3). (with Noémie Laurens★ and JF Morin)

2023, "Design paths of federal intergovernmental cooperation". *Policy Studies Journal* 51(4): 773-792. (with Simon Montfort★, Manuel Fischer, and Nicolas Jager)

2023, "Multimodal mechanisms of political discourse dynamics and Germany's nuclear energy phase-out". *Network Science* 11(2): 205–223. (with Seb Haunss)

2022, "Viewing the global health system as a complex adaptive system: Implications for research and practice". *F1000* 11: 1147. (with Josephine Borghi, Sharif Ismail, Rakhyun Kim, Joachim Sturmberg, Garrett Brown, Reinhard Mechler, Heinrich Volmink, Neil Spicer, Zaid Chalabi, Rachel Cassidy, Jeff Johnson, Anna Foss, Augustina Koduah, Christa Searle, Nadejda Komendantova, Agnes Semwanga, and Suerie Moon)

2022, "Circular specifications and 'predicting' with information from the future: Errors in the empirical SAOM-TERGM comparison of Leifeld and Cranmer (2019)". *Network Science* 10(1): 3–14. (with Per Block, Johan Koskinen, Tom Snijders, and Christoph Stadtfeld)

2021, "What's complex about regime complexity? It depends". *Complexity, Governance, and Networks* 6(1): 68–81.

2020, "Four galore? The overlap between Mary Douglas grid-group typology and other highly cited social science classifications". *Sociological Theory* 38(3): 263–294. (with Marco Verweij, Petya Alexandrova, Henrik Jacobsen, Pauline Béziat, Diana Branduse, Yonca Dege, Jakob Hensing, Lea Kliem, Gabriela Ponce, Inga Reichelt, and Mareile Wiegmann)

2020, "Structural conditions for novelty: The introduction of new environmental clauses to the trade regime complex". *International Environmental Agreements: Politics, Law and Economics* 20(1): 61–83. (with JF Morin and Joost Pauwelyn)

2020, "What we know (and could know) about international environmental agreements". *Global Environmental Politics* 20(1): 103–121. (with Ronald Mitchell, Liliana Andonova, Mark Axelrod, Jörg Balsiger, Thomas Bernauer, Jessica Green, Rakhyun Kim, and Jean-Frédéric Morin)

2018, "Change we can believe in: Comparing longitudinal network models on consistency, interpretability and predictive power". *Social Networks* 52: 180–191. (with Per Block, Johan Koskinen, Christian Steglich, and Christoph Stadtfeld)

2018, "Beyond trade: The expanding scope of the non-trade agenda in trade agreements". *Journal of Conflict Resolution* 62(4): 743–773. (with Karolina Milewicz, Claire Peacock, and Duncan Snidal)

2017, "Multilevel social space: The network dynamics of organizational fields". *Network Science*, 5(2): 187–212. (with Francesca Pallotti, Christoph Stadtfeld, and Alessandro Lomi)

2017, "Dynamic network actor models: Investigating coordination through time". *Sociological Methodology*, 47: 1–40. (with Christoph Stadtfeld and Per Block)

2017, "Rejoinder: DyNAMs and the grounds for actor-oriented network models". *Sociological Methodology*, 47: 56–67. (with Christoph Stadtfeld and Per Block)

★ (Former) Student

2017, "The trade regime as a complex adaptive system: Exploration and exploitation of environmental norms in trade agreements". *Journal of International Economic Law*, 20(2): 365–390. (with Jean-Frédéric Morin and Joost Pauwelyn)

2016, "Multilevel embeddedness: The case of the global fisheries governance complex". *Social Networks*, 44: 281–294. (with Johan Koskinen)

Chapters

2023, "International trade networks", in *The SAGE Handbook of Social Network Analysis*, edited by John McLevey, John Scott, and Peter Carrington. London: Sage, pp. 350–359. (with Christina Prell, Petr Matous, and Yasuyuki Todo)

2022, "A framework for resilience of and in international networks", in *A Research Agenda for Social Networks and Social Resilience*, edited by Emmanuel Lazega, Tom Snijders, and Rafael Wittek. Cheltenham: Edward Elgar, pp. 101–114.

2020, "Network embeddedness and the rate of international water cooperation and conflict", in *Networks in Water Governance*, edited by Manuel Fischer and Karin Ingold. London: Palgrave, pp. 87–113.

2020, "Taking stock and moving forward", in *Architectures of Earth System Governance*, edited by Frank Biermann and Rak Kim. Cambridge: Cambridge University Press, pp. 299-321. (with Frank Biermann, Rak Kim, Ken Abbott, Ronald Mitchell, and Michelle Scobie)

2019, "Policy theory and practice", in *Global Environmental Outlook 6 Report*. Cambridge: Cambridge University Press, pp. 283–299. (with Pedro Fidelman, Leandra Gonçalves, Klaus Jacob, Peter King, and Sebastian Sewerin)

2019, "Oceans and coastal policy", in *Global Environmental Outlook 6 Report*. Cambridge: Cambridge University Press, pp. 349–370. (with Elaine Baker, Pedro Fidelman, Lea Gonçalves, Peter Harris, Rak Kim, and Jake Rice)

2016, "Multilevel bilateralism and multilateralism: States' bilateral and multilateral fisheries treaties and their secretariats", in *Multilevel Network Analysis for the Social Sciences: Theory, Methods and Applications*, edited by Emmanuel Lazega and Tom Snijders. Cham: Springer, pp. 315–332. (with Johan Koskinen)

2014, "Collective pride and collective hubris in organizations", in *Understanding Collective Pride and Group Identity: New Directions in Emotion Theory, Research and Practice*, edited by Gavin Sullivan. Abingdon: Routledge, pp. 80–92. (with Grant Sullivan)

Reviews

2014, Review of 'Disaggregating International Regimes' by Olav Schram Stokke. *Global Environmental Politics* 14(2): 131–132.

Interviews/Essays

2024, "Design paths of federal intergovernmental cooperation". *Policy Studies Journal Blog*.

2020, "A new SNSF project on power and networks". *CIES Newsletter*.

2020, "International water agreements: Why is cooperation more frequent than conflict?". *IHEID Research Bulletin*.

2020, "Innovative approaches to tackling illegal fishing". *IHEID Communications*.

2019, "The making of UNEP's GEO 6 report". *IHEID Research Bulletin*.

2019, "Policy implications of research on trade agreements and non-trade issues". *IHEID Research Bulletin*.

2017, "On network approaches to study governance". *IHEID Research Bulletin*.

Software	Maintained via Global Governance Observatory (data):

Maintained via Global Governance Observatory (data):
    `manydata`: The portal for global governance data
    `messydates`: Tools for working with extended date/time format
    `manypkgs`: Support for new manyverse packages
    `manystates`: Many data on sovereign states
    `manyigos`: Many data on intergovernmental organisations
    `manyenviron`: Many data on international environmental agreements
    `manytrade`: Many data on international trade agreements
    `manyhealth`: Many data on international health organisations
Maintained via Stochastic Network Software (method):
    `manynet`: Many ways to make, modify, and map myriad networks
    `migraph`: Many methods for multimodal network analysis and modelling
Maintained via IHEID Library:
    `iheiddown`: For writing Geneva Graduate Institute documents

(Packages I currently maintain contain more than 20,000 lines of code and have been downloaded more than 54,000× from CRAN in total)

Teaching

Workshop
"Introduction to social network analysis",
    CUSO, Crêt-Berard, Fall 2022
    ECPR, Online, Summer 2024
"Diffusion analysis",
    INSNA, Summer 2024
"Multimodal network analysis",
    EUSN, Summer 2022
    INSNA, Summer 2022, 2023
"Estimating dynamic network actor models (DyNAMs) in R with `goldfish`",
    EUSN, Summer 2017, 2019, 2021, 2022
    INSNA, Summer 2018, 2020, 2022, 2023
    Edinburgh Business School, Edinburgh, Spring 2019
    NetGloW, St. Petersburg, Summer 2018
    Universität Bremen, Bremen, Spring 2018
    Corvinus University, Budapest, Fall 2017
    Swissnet, Zürich, Summer 2016
"Advanced network event modelling",
    EUSN, Zürich, Summer 2019
"Advanced actor-oriented network modelling with `RSiena`",
    INSNA, Beijing, Summer 2017

Supervision (completed)

4 doctoral students supervised
+ 5 doctoral committees chaired

31 masters dissertations supervised
+ 22 masters dissertations examined

Service

Organisation
2016–. Convenor, Geneva Interdisciplinary Networks Group, Geneva.
2023. Programme Committee, Duality@50 Workshop, Ascona.
2018–2023. Co-Leader, ESG Fisheries Cluster, Utrecht.
2015–2021. Co-Director, Professional Skills Training, Geneva.
2021. Programme Committee, Conference on Computational Social Science, Zürich.

2018. Organiser, Estimating Power's Influence On Networks, Geneva.
2016. Co-Organiser, SwissNet Network Dynamics Workshop, Zürich.

Selection
2023. Assistant Professor of Asian History & Politics Selection Committee, Geneva.
2021. Assistant Professor of Democratic Politics Selection Committee, Geneva.
2017. Associate Professor of European History Selection Committee, Geneva.

2023–. Admissions Committee, Interdisciplinary Masters, Geneva.
2015–2023. Admissions, International Relations/Political Science, Geneva.
2015. PhD Selection Committee, Chair of Social Networks, Zürich.

Representation
2021–. Deputy IHEID Representative, Swiss Political Science Association, Bern.
2023. Best Thesis Prize, International Relations/Political Science, Geneva.
2022. IHEID Representative, COREC, Geneva.
2022. Gender, Diversity and Inclusion Initiative, Graduate Institute, Geneva.
2021–2023. Sustainability Initiative, Graduate Institute, Geneva.
2021. Interdisciplinary Programme Reform Committee, Graduate Institute, Geneva.
2020–2022. SNSF Scholarship Panel, Graduate Institute, Geneva.
2017–2020. Exchange Programme Committee, Graduate Institute, Geneva.
2016. Environment Track Reform, Interdisciplinary Programme, Geneva.

Consultation
2024–. Maintainer, CRAN Task View on Network Analysis, Innsbruck.
2024–. Board of Contributors, IEA Database, Laval.
2024–. Associated Faculty, Hoffmann Centre for Global Sustainability, Geneva.
2024–. Advisory Faculty, Centre for Digital Humanities and Multilateralism, Geneva.
2024–. Affiliated Faculty, Centre for Trade and Economic Integration, Geneva.
2024–. Associated Faculty, Global Health Centre, Geneva.
2023–. Affiliated Member, MethodsNET, Louvain.
2023–. Scientific Advisory Committee, Technology Hub, Geneva.
2022–. Advisory Board, ReplicationWiki, Göttingen.
2021–. Scientific Board, Tech Hub, Graduate Institute, Geneva.
2017–2024. Board of Contributors, IEA Database, Eugene.
2021–2023. Advisory Board, Coopération internationale en éducation, Geneva.
2015–2024. Associated Faculty, Centre for International Environmental Studies, Geneva.
2015–2023. Advisory Faculty, Global Governance Centre, Geneva.
2015–2018. Affiliated Faculty, Centre for Trade and Economic Integration, Geneva.

Publication
Editorial Board,
> *The Global* 2023–
> *Global Networks* 2022–
> *Humanities & Social Sciences Communications* 2020–
> *Palgrave Communications* 2019–2020

Reviewer,   *Climate Policy, Ecology and Society, Environment and Planning A, Global Environmental Politics, Global Governance, International Development Policy, International Environmental Agreements, International Studies Quarterly, International Studies Review, Journal of Computational Science, Journal of Conflict Resolution, Journal of International Economic Law, Journal of Politics, Journal of Public Administration and Policy Research, Journal of the Royal Statistical Society Series A, Marine Policy, Millennium Journal of International Studies, Natural Resources Forum, Network Science, Palgrave Communications, Policy and Society, Policy Studies Journal, Politics and Governance, Proceedings of the National Academy of Sciences, Review of International Organizations, Review of International Studies,*

Social Networks, Society and Natural Resources, World Trade Review, Cambridge University Press, Det Norske Videnskaps-Akademi (Norwegian Academy of Science and Letters), Deutsche Forschungsgemeinschaft (German Research Foundation), Österreichischer Wissenschaftsfonds (Austrian Science Funds), United Nations Environment Programme.

Skills
Languages: English (native), German (fluent).
Statistical: R, Stata, (M)PNet, UCINET, Pajek, Gephi, Qualtrics.