

DR DOUGLAS A. PARRY

@dougaparry ◊ dougaparry@sun.ac.za

Cognition and Technology Research Group (CTRG)

Information Science, Faculty of Arts and Social Sciences, Stellenbosch University, South Africa

PERSONAL DETAILS

Personal	Born: 1992 (31), married (one child)
Citizenship	South Africa (native born), USA, eligible UK ancestral visa
Website	dougaparry.com ◊ suinformatics.com/ctrig
Google Scholar	bit.ly/2D8pp4V (citations: 956, h-index: 15, i10-index: 21)
ResearchGate	www.researchgate.net/profile/Douglas_Parry
ORCID	orcid.org/0000-0002-6443-3425
OSF	osf.io/sa5x4

ACADEMIC APPOINTMENTS

Senior Lecturer <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	2023 - present
<ul style="list-style-type: none">• Weizenbaum Research Fellow (BMBF funded) Research visit at the Weizenbaum Methods Lab (Emmer, Strippel, Toth), The Weizenbaum Institute for the Networked Society, Germany• Visiting Researcher (Erasmus funded) Chair of Business Informatics (Gronau, Krasnova, Stieglitz), Universität Potsdam, Germany	November 2023 June 2023
Lecturer <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	2020 - 2022
Junior Lecturer (contract, full time) <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	2017 - 2019
<ul style="list-style-type: none">• Visiting Researcher (DAAD funded) Chair of Business Informatics (Gronau, Krasnova), Universität Potsdam, Germany	November 2019
Junior Lecturer (contract, part time) <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	2016

EDUCATION

PhD in Socio Informatics (Stellenbosch University) Supervisors: le Roux, D. B. (Information Science) & Bantjes, J. R. (Psychology) Examining committee: Lochner, C. (Psychiatry), Nel, L. (Informatics), & Rosen, L. (Psychology)	2019
MA (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: le Roux, D. B.	2017
BAHons (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: Pretorius, C.	2015
BA in Socio Informatics (Stellenbosch University) Majors: Socio Informatics, Economics	2014
National Senior Certificate (Diocesan College, w/ exchange semester at Llandovery College, Wales) Mathematics, English, Afrikaans (2 nd language), Information Technology, Physical Science, Visual Arts	2010

Compiled on: 2023/06/13





Note. * indicates that authors were graduate student advisees. † indicates joint first authorship.

Refereed Journal Publications

23. Ellis, D. A., Towse, J., Brown, O., Cork, A., Davidson, B. I., Devereux, S., Hinds, J., Ivory, M., Nightingale, S., **Parry, D. A.**, Piwek, L., Shaw, H., and Towse, A. S. (in press). Assessing computational reproducibility in Behavior Research Methods [Stage 1 registered report]. *Behavior Research Methods*   
22. Conradie, L.,* le Roux, D. B., **Parry, D. A.** (in press). Does constant online availability predict stress among knowledge workers? *South African Journal of Business Management* [Materials]   
21. Blackburn, A. M., Han, H., ... **Parry, D. A.**[†]..., Vestergren, S. (2023). Mediation Analysis of Conspiratorial Thinking and Anti-Expert Sentiments on Vaccine Willingness. *Health Psychology* 42 (4), 235 – 246. **10.1037/hea0001268** [Open Access] [Preprint] [Materials]   
20. McCrosky, J.,[†] **Parry, D. A.**,[†] Sewall, C. J. R., Orben, A. (2023). Using Browser Data to Understand Desires to Spend Time Online. *Technology, Mind, and Behaviour* 4(1). **10.1037/tmb0000095** [Preprint] [Materials]   
19. **Parry, D. A.**, le Roux, D. B., Morton, J.* , Pons, R.* , Pretorius, R.* , Schoeman, A.* (2023). Digital Well-being Applications: Adoption, Use and Perceived Effects. *Computers in Human Behavior* 139 (107542). **10.1016/j.chb.2022.107542** [Preprint] [Materials]   
18. **Parry, D. A.**, Fisher, J. T., Mieczkowski, H., Sewall, C. J. R., Davidson, B. I., (2022). Social Media and Well-being: A Methodological Perspective. *Current Opinion in Psychology* 45. **10.1016/j.copsyc.2021.11.005** [Preprint]
17. Blackburn, A. M., Vestergren, S., Tran, T., Stöckli, S., Griffin, S., Ntontis, E.,... **Parry, D. A.**[†]...Zoletic, E. (2022). COVIDiSTRESS diverse dataset on psychological and behavioral outcomes one year into the COVID-19 pandemic. *Scientific Data* 9 (331). **10.1038/s41597-022-01383-6** [Preprint] [Materials]   
16. le Roux, D. B., **Parry, D. A.** (2022). Investigating Predictors of Online Vigilance among University Students. *Information Technology & People* 35 (1), 27–45. **10.1108/ITP-04-2020-0226** [Preprint] [Materials]  
15. **Parry, D. A.**, Davidson, B. I., Sewall, C. J., Fisher, J. T., Mieczkowski, H., & Quintana, D. S., (2021). A Systematic Review and Meta-Analysis of Discrepancies Between Logged and Self-Reported Digital Media Use. *Nature Human Behaviour* 5, 1535–1547 **10.1038/s41562-021-01117-5**. [Preprint] [Materials]   
14. Sewall, C., **Parry, D. A.**, (2021). The role of depression in the discrepancy between estimated and actual smart-phone use: A cubic response surface analysis. *Technology, Mind, and Behaviour* 2 (2). **10.1037/tmb0000036**. [Open Access] [Preprint] [Materials] 
13. le Roux, D. B., **Parry, D. A.**, (2021). An exploratory investigation of the use and effects of academic instant messaging groups among university students. *Education and Information Technologies* 27, 1055–1080. **10.1007/s10639-021-10631-y**. [Materials]   
12. **Parry, D. A.**, le Roux, D.B. (2021). “Cognitive Control in Media Multitaskers” Ten Years On: A Meta-Analysis. *Cyberpsychology: Journal of Psychosocial Research on Cyberspace* 15 (2), 2–7. **10.5817/CP2021-2-7**. [Open Access] 
11. Dienlin, T., Johannes, N., Bowman, N. D., Masur, P. K., Engesser, S., Kumpel, A. S., Lukito, J., Bier, L. M., Zhang, R., Johnson, B. K., Huskey, R., Fisher, J. T., Schneider, F. M., Breuer, J., **Parry, D. A.**, Banks, J., TeBlunthuis, N., Vermeulen, I., Smits, T., Weber, R., Won, A. S., Ellis, D. A., Unkel, J., Wang, X., Trepte, S., Ivory, J. D., Neubaum, G., Bachl, M., Winter, S., Davidson, B. I., Kim, N., Kramer, N., Utz, S., Carpenter, C. J., Levine, T. R., Lewis, N. A., Rinke, E. M., McEwan, B., Domahidi, E., de Vreese, C., (2021). An Agenda for Open Science in Communication. *Journal of Communication*. 71 (1), 1–26. **10.1093/joc/jqz052**. [Open Access]

[‡] Consortium authorship: author 17/155.

[‡] Consortium authorship: author 12/138.



10. Henry, M. S.^{*}, le Roux, D. B., & **Parry, D. A.**, (2021). Working in a Post Covid-19 World: Towards a Conceptual Framework for Distributed Work. *South African Journal of Business Management* 52 (1). **10.4102/sajbm.v52i1.2155**. [Open Access]
9. le Roux, D. B., **Parry, D. A.**, Totolo, A., Iyawa, G., Holloway, J., Prenter, A., & Botha L. (2021). Media Multitasking, Online Vigilance and Academic Performance among Students in three Southern African Countries. *Computers & Education*, 160. **10.1016/j.compedu.2020.104056**. [Preprint]
8. le Roux, D.B., **Parry, D. A.**, (2021). Off-task Media Use in Academic Settings: Cycles of Self-regulation Failure. *Journal of American College Health*, 69 (2), 134 – 141. **10.1080/07448481.2019.1656636**
7. **Parry, D. A.**, le Roux, D. B., & Bantjes, J. R., (2020). Testing the Feasibility of a Media Multitasking Self-regulation Intervention for Students: Behaviour Change, Attention, and Self-perception. *Computers in Human Behavior*, 104. **10.1016/j.chb.2019.106182**. [Preprint] 
6. **Parry, D. A.**, le Roux, D. B., & Cornelissen, L.A., (2020). Managing In-Lecture Media Use: The Feasibility and Value of a Split-Class Policy. *Journal of Computing in Higher Education*, 32 (2), 261-281. **10.1007/s12528-019-09232-z**
5. **Parry, D. A.**, (2019). Computing Research in South Africa: A Scientometric Investigation. *South African Computer Journal* 31 (3), 51-79. **10.18489/sacj.v31i1.674**. [Open Access] 
4. le Roux, D.B., **Parry, D. A.**, (2019). Investigating differences in the attention distribution strategies of high and low media multitaskers through a two-dimensional game. *Cyberpsychology: Journal of Psychosocial Research on Cyberspace* 13 (3). **10.5817/CP2019-3-2**. [Open Access] [Materials]  
3. **Parry, D. A.**, le Roux, D. B., (2019). Media Multitasking and Cognitive Control: A Systematic Review of Interventions. *Computers in Human Behavior*, 92, 316-327. **10.1016/j.chb.2018.11.031**.
2. **Parry, D. A.**, le Roux, D.B., (2018). In-lecture Media Use and Academic Performance: Investigating Demographic and Intentional Moderators. *South African Computer Journal* 30 (1), 85-107. **10.18489/sacj.v30i1.434**. [Open Access]
1. le Roux, D. B., **Parry, D. A.**, (2017). In-lecture Media Use and Academic Performance: Does Subject Area matter? *Computers in Human Behavior*, 77, 86-94. **10.1016/j.chb.2017.08.030**.

Refereed Book Chapters


6. le Roux, D. B., & **Parry, D. A.** (2022). The Role of Self-regulation in Experiences of Digital Distraction in College Classrooms. In: Flanigan, A., & Kim, J. (eds) *Digital Distractions in the College Classroom* (pp. 92-119), IGI Global. **10.4018/978-1-7998-9243-4.ch005**
5. Abendroth A.,^{*} **Parry, D. A.**, le Roux D.B., Gundlach J. (2020) An Analysis of Problematic Media Use and Technology Use Addiction Scales – What Are They Actually Assessing?. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, 12067. **10.1007/978-3-030-45002-1_18**. [Preprint] [Materials]
4. le Roux D.B., & **Parry, D. A.** (2020) The Town Square in Your Pocket: Exploring Four Metaphors of Social Media. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, 12067. **10.1007/978-3-030-45002-1_16**. [Preprint]
3. **Parry, D. A.**, & le Roux D.B. (2020) Introducing the Media Use Behaviour Conceptual Framework. In: Hattingh M., Matthee M., Smuts H., Pappas I., Dwivedi Y., Mntymki M. (eds) *Responsible Design, Implementation and Use of Information and Communication Technology. I3E 2020. Lecture Notes in Computer Science*, 12067. **10.1007/978-3-030-45002-1_15**. [Preprint]
2. **Parry, D. A.**, & le Roux D.B., (2019). Off-task Media Use in Lectures: Towards a Theory of Determinants. In: Kabanda S., Suleman H., Gruner S. (eds) *ICT Education. SACLA 2018. Communications in Computer and Information Science*, 963. **10.1007/978-3-030-05813-5_4**.

1. le Roux D.B., & **Parry, D. A.**, (2017) A New Generation of Students: Digital Media in Academic Contexts. In: Liebenberg J., Gruner S. (eds) *ICT Education. SACLA 2017. Communications in Computer and Information Science*, 730. **10.1007/978-3-319-69670-6_2**.

Refereed Conference Proceedings








6. Eigelshoven, F.* , Ulrich, A., **Parry, D. A.**, (2021). Cryptocurrency Market Manipulation – A Systematic Literature Review. *Proceedings of the International Conference on Information Systems (ICIS 2021)*, Austin, USA (Virtual Conference). **aisel.aisnet.org/icis2021/fintech/fintech/1**. [Preprint]
5. Broughton, A.* , Daly, M.D.* , Marx, N.* , Nieuwoudt, M.* , le Roux, D. B., **Parry, D. A.**, (2019). An exploratory investigation of online and offline social behaviour among digital natives. *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2019)*, Skakuza, South Africa. **10.1145/3351108.3351146**. [Preprint] [Materials] 
4. Mbilini, S.* , le Roux, D. B., **Parry, D. A.**, (2019). Does automation influence career decisions among South African students? *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2019)*, Skakuza, South Africa. **10.1145/3351108.3351137**.
3. Pretorius A., & **Parry, D. A.**, (2016). Human Decision Making and Artificial Intelligence – A Comparison in the Domain of Sports Prediction. *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016)*, Johannesburg, South Africa. **10.1145/2987491.2987493**. [Materials] 
2. Leysens J.L., le Roux D.B., **Parry, D. A.**, (2016). Can I have your attention please? An empirical investigation of media multitasking during university lectures. *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016)*, Johannesburg, South Africa. **10.1145/2987491.2987498**.
1. **Parry, D. A.**, & Pretorius C., (2015). Maps as a technique for visualizing load-shedding schedules. *Proceedings of the Annual Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015)*, Stellenbosch, South Africa. **10.1145/2815782.2815784**.

Other Publications

5. Barnett, R. J., le Roux, D. B., **Parry, D. A.**, & Watson, B. W. (eds), (2022). ICT Education: 51st Annual Conference of the Southern African Computer Lecturers' Association, SACLA 2022, Revised Selected Papers. *Communications in Computer and Information Science*, 1664. **10.1007/978-3-031-21076-1**.
4. **Parry, D. A.**, (2019). *Media Multitasking and Cognitive Control: Assessing the Feasibility of an Intervention Requiring the Self-regulation of Smartphone Use*. Doctoral Thesis, Stellenbosch University. **10019.1/107323** [Open Access] 
3. **Parry, D. A.**, (2019). Permanently Online, Permanently Connected: Living and Communicating in a POPC World (Review). *Information, Communication, and Society* 22 (12), 1841-1844. **10.1080/1369118X.2019.1590441**.
2. **Parry, D. A.**, (2017). *The digitally-mediated study experiences of undergraduate students in South Africa*. Master's thesis, Stellenbosch University. **10019.1/102667** [Open Access].
1. **Parry, D. A.**, (2015). *An investigation of alternative information displays for load-shedding schedules*. Bachelor's (Honours) mini-thesis, Stellenbosch University.

Preprints and Manuscripts in Preparation, Review or Revision (Limited)

5. Davidson, B., Wischerath, D., Racek, D., **Parry, D. A.**, Godwin, E., Hinds, J., van der Linden, D., Roscoe, J., Ayravainen, L. (under review). Social Media APIs: A Quiet Threat to the Advancement of Science. [Preprint]
4. Baumgartner, S. E., Bavelier, D., Beyens, I., **Parry, D. A.**, Wagner, A. D., & Wiradhany, W. (under review). The Short- and Long-term Effects of Media Multitasking and Digital Distraction

3. **Parry, D. A.** (under review). Does the mere presence of a smartphone impact cognitive performance? A meta-analysis of the “brain drain effect” [Preprint] [Materials]   
2. **Parry, D. A.** (under review). Can Our Claims be Verified? Open Science Practices in Information Systems Research [Preprint] [Materials]   
1. Fassi, L., Thomas, K., **Parry, D. A.**, Ford, T., Orben, A. (in preparation). Social media use and internalising problems in clinical and non-clinical adolescent populations: a systematic review and meta-analysis 

ACADEMIC PRESENTATIONS

Academic Conference Presentations (Refereed)

19. Johnson, B., **Parry, D. A.**, Sharma, B. (organisers), Coduto, K., Balaban, D. (2023). Anxiety Over Authenticity: Seeking Genuine Personal Experiences and Well-Being via Mobile Media. Panel presented at *ICA preconference: The 20th Annual ICA Mobile Preconference, Toronto, Canada*.
18. **Parry, D. A.**, le Roux, D. B., (2023). Apathetic and Ineffective: A South African Student Perspective on Using Mobile Apps for Digital Disconnection. *ICA preconference: Key Themes in Digital Disconnection Research: Authenticity, Wellness, Datafication and Power, Toronto, Canada*.
17. Reinecke, L., Ellison, N., Meier, A., Valkenburg, P. (organisers), Verduyn, P., Fox, J., **Parry, D. A.**, Litt, E. (2023). Beyond active-passive: Towards alternatives for the study of social media and well-being. Panel presented at *The 73rd annual conference of the International Communication Association (ICA), Toronto, Canada*.
16. **Parry, D. A.**, (2023). Does the Mere Presence of a Smartphone Impact Cognitive Performance? A Meta-analysis of the “Brain Drain Effect”. *The 73rd annual conference of the International Communication Association (ICA), Toronto, Canada*.
15. le Roux, D.B. & **Parry, D. A.** (2022). Student WhatsApp Groups – A Boon or a Burden? *15th Annual Scholarship for Teaching and Learning conference (SOTL). Stellenbosch, South Africa*.
14. Sewall, C. & **Parry, D. A.**, (2022). Leveraging digital trace data to examine differences in smartphone application preferences between healthy and psychologically distressed young adults. *International Society for Research on Internet Interventions (ISRII) 11th Scientific Meeting, Pittsburgh, USA*.
13. **Parry, D. A.** & Sewall, C. (2022). Do smartphone application preferences change over time or vary by demographics? A longitudinal study using behavioral data. *The 72nd annual conference of the International Communication Association (ICA), Paris, France*. [Preprint]
12. de Vreese, C., Araujo, T., Moller, J., Neijens, P. (organisers), Karnowski, V., **Parry, D. A.**, Stroud, T., Correa, E. S., Thorson, K., Battocchio, A. F., (2022). How methodological developments in social media use research help us understand the effects on well-being — Caught the bull by the horns! New tools for measuring media use in a changing media landscape. Panel presented at *The 72nd annual conference of the International Communication Association (ICA), Paris, France*.
11. **Parry, D. A.**, Davidson, B. I., Sewall, C., Fisher, J. T., Mieczkowski, H., & Quintana, D. S., (2021). A Systematic Review and Meta-analysis Examining the Accuracy of Self-reported Digital Media Use. *The 71st annual conference of the International Communication Association (ICA), Denver, USA*.
10. **Parry, D. A.**, le Roux, D. B., Morton, J., Pons, R., Pretorius, R., Schoeman, A., (2020). Are ‘Digital Wellbeing Applications’ Important for Digital Wellbeing? *The 18th International CyberSpace Conference, Brno, Czech Republic*.
9. Dienlin, T., Johannes, N., Bowman, N. D., Masur, P. K., Engesser, S., Kumpel, A. S., Lukito, J., Bier, L. M., Zhang, R., Johnson, B. K., Huskey, R., Fisher, J. T., Schneider, F. M., Breuer, J., **Parry, D. A.**, Banks, J., TeBlunthuis, N., Vermeulen, I., Smits, T., Weber, R., Won, A. S., Ellis, D. A., Unkel, J., Wang, X., Trepte, S., Ivory, J. D., Neubaum, G., Bachl, M., Winter, S., Davidson, B. I., Kim, N., Kramer, N., Utz, S., Carpenter, C. J., Levine, T. R., Lewis, N. A., Rinke, E. M., McEwan, B., Domahidi, E., de Vreese, C., (2020). An Agenda for Open Science in Communication. *The 70th annual conference of the International Communication Association (ICA), Gold Coast, Australia*.

8. Abendroth, A., Krasnova, H., Gundlach, J., **Parry, D. A.**, le Roux, D. B., (2019). Technology Use Addiction: Scales, Dimensions, Validity? *17th International CyberSpace Conference, Brno, Czech Republic*.
7. le Roux, D. B., **Parry, D. A.**, (2019). Towards an Integrated Framework of Technology Use Dimensions. *17th International CyberSpace Conference, Brno, Czech Republic*.
6. **Parry, D. A.**, le Roux, D. B., & Cornelissen, L.A. (2018). Lecturer versus Smartphone: Towards a Policy for Teaching Distracted Minds. *11th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.
5. **Parry, D. A.**, le Roux, D. B. (2017). Irresistible Media: Why Do Students Media Multitask? *15th International CyberSpace Conference. Brno, Czech Republic*.
4. le Roux, D.B. **Parry, D. A.**, (2017). Metaphors of Social Media. *15th International CyberSpace Conference. Brno, Czech Republic*.
3. **Parry, D. A.**, le Roux D.B. (2017) Smartphones in lectures, is resistance futile? *10th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.
2. le Roux, D.B., **Parry, D. A.**, Leysens, J. (2016). Smart Phones, Stupid People? *14th International CyberSpace Conference. Brno, Czech Republic*.
1. **Parry, D. A.**, le Roux D.B, Leysens J.L. (2016) Media Multitasking in Academic Contexts: An Empirical Analysis of Media Use Within University lectures. *9th Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa*.

Public Lectures, Invited Talks, Seminars & Colloquia

20. **Parry, D. A.** (2023). Going beyond screen time: the use of log data. Invited talk presented at the *Workshop on "Social Media and Well-Being: A multi-disciplinary dialogue", Lugano, Switzerland*.
19. **Parry, D. A.** (2023). Digital Distraction: short and long-term effects?. Invited talk presented at the *Business Informatics Research Colloquium, University of Potsdam, Germany*.
18. **Parry, D. A.** (2023). Digital well-being and digital disconnection research: an overview. Guest lecture presented for the course "Digital Life and Business" (Stefan Stieglitz), *University of Potsdam, Germany*.
17. **Parry, D. A.** (2023). Evidence synthesis for cumulative science, a methods workshop on systematic reviews & meta-analyses. Guest lecture presented for the course "Social Media Research" (Hanna Krasnova), *University of Potsdam, Germany*.
16. **Parry, D. A.** (2023). Computational tools for data analysis. Workshop presented at *Chair for Business Informatics, University of Potsdam, Germany*.
15. Francke, E., Muftic, S., **Parry, D. A.**, Ralarala, M., (2023). A vision for digital and computational research in humanities and social sciences. Invited talk presented at *Digital Humanities (DH)-Ignite Western Cape 2023, Somerset West, South Africa*.
14. **Parry, D. A.** (2022). Achieving academic success in the face of digital distractions. Invited talk presented at *Pursue. Discover. Together. A webinar series for prospective students, and their support ecosystem, Stellenbosch, South Africa*. [Video]
13. **Parry, D. A.** (2022) Data donation as a solution to problems with estimates of digital technology usage. Invited talk presented at *The ProteaCHI ACM Special Interest Group Quarterly Meeting, South Africa*.
12. **Parry, D. A.** (2021) Using behavioural data to study media uses & effects: A brief overview of current work. Invited talk presented at *the 'Everyday Media Lab' (Sonja Utz's research group) at Leibniz-Institut für Wissensmedien, Germany*.
11. **Parry, D. A.** (2021) What do we need to do to understand whether, how, and for whom social media use affects well-being? Invited Seminar presented at *The Cutting-edge Communication Research (CeCoR) at The Amsterdam School of Communication Research (ASCoR) Series (CeCoR@ASCoR), The University of Amsterdam, The Netherlands*. [Slides]

10. **Parry, D. A.** (2020) How accurate are self-reports of digital media use? Invited Seminar presented at the *Department of Communication Science, Vrije Universiteit Amsterdam, The Netherlands*. [Slides]
9. **Parry, D. A.** (2020) Media effects Research: Our work and current challenges. Invited Seminar presented at the *Department of Journalism, Stellenbosch University, South Africa*.
8. **Parry, D. A.** (2019) Collecting Digital Trace Data & Quantitative Text Analysis: An introduction. Methods Workshop presented at *The Weizenbaum-Institut für die vernetzte Gesellschaft – The German Internet Institute, Berlin, Germany*.
7. **Parry, D. A.** (2019) Systematic Reviews & Meta-Analyses: An introduction. Methods Workshop presented at *The Weizenbaum-Institut für die vernetzte Gesellschaft – The German Internet Institute, Berlin, Germany*.
6. **Parry, D. A.** (2019) Technology use effects: current evidence and challenges. Invited Seminar presented at the *Department of Statistics and Actuarial Science, Stellenbosch University, South Africa*.
5. **Parry, D. A.**, le Roux, D.B., (2018) Permanently Online, Permanently Connected Media Multitasking and Distractibility – Is it So Bad and What Can We Do About It? Invited talk presented at the *Milton Erikson Annual Conference 2018. Somerset West, South Africa*.
4. le Roux, D.B., **Parry, D. A.**, (2017) Media Multitasking and Distractibility: Where we are, how we got here and where we're going. Seminar presented at the *Chair for Business Informatics, Social Media and Data Science, Universität Potsdam, Germany*.
3. le Roux, D.B., **Parry, D. A.**, (2017) The Relationship Between Media Multitasking and Cognition – What Do We Know? Seminar presented at *The Whitaker Institute for Innovation and Societal Change, National University of Ireland, Galway, Ireland*.
2. le Roux, D.B., **Parry, D. A.**, (2017) The State of Research Concerning the Relationship between Media Multitasking and Cognition. Colloquium Presented at the *Department of Information Science, Stellenbosch University, South Africa*.
1. **Parry, D. A.**, Pretorius, A., (2016) Human Decision Making and Artificial Intelligence – Predicting Sports Results. Colloquium Presented at the *Department of Information Science, Stellenbosch University, South Africa*.

GRANTS, BURSARIES & OTHER FUNDING

Total: R750 000 (approx. \$42 000).

- **Travel Grant: 1600 CHF (R34 000)** 2023
Invited Workshop attendance: “Social Media and Well-Being: A multi-disciplinary dialogue”
Swiss National Science Foundation (SNSF); IBSA Foundation; University of Amsterdam; Harvard TH Chan School of Public Health
via Bekalu, M., Beyens, I., Caerini, A., Marciano, L., Schulz, P., & Viswanath, K.
- **Travel Grant: R5 000 (\$300)** 2023
Stellenbosch University (DRD)
- **Travel Grant: \$300 (R5 400)** 2023
ICA Communication and Technology Division
- **Erasmus Travel Grant: €2620 (R46 000)** 2023
ERASMUS+ KA107 Mobility scheme
- **New Research Projects Grant: £1900 (R39 500)** 2021
University of Bath: School of Management
Co-I. w/ P.I. Davidson, B.I. (UoB)
- **SICSS Partner Site Financial Support: \$8 200 (R122 500)** 2021
Alfred P. Sloan Foundation, Russel Sage Foundation, Facebook, & The SSRC
via Salganik, M. & Bail, C.

- **SICSS Partner Site Financial Support: \$15 000 (R225 000)** 2020
Alfred P. Sloan Foundation, Russel Sage Foundation, Facebook, & The SSRC, via Salganik, M. & Bail, C.
- **DAAD Travel Grant: €1 246 (R23 000)** 2019
DAAD International Partnership.
- **Harry Crossley Doctoral Bursary: R120 000 (\$9 120)** 2018
Harry Crossley Foundation
- **Travel Grant: R15 000 (\$1 128)** 2017
Stellenbosch University (DRD)
- **Early Career Development Grant: R25 000 (\$1 880)** 2017
The Andrew W. Mellon Foundation
- **Post-Graduate Merit Bursary: R27 500 (\$1 875)** 2016
Stellenbosch University
- **Scarce Skills Bursary: R40 000 (\$3 120)** 2015
South African National Research Foundation
- **Post-Graduate Merit Bursary: R17 500 (\$1 365)** 2015
Stellenbosch University
- **Senior Merit Bursary: R7 500 (\$700)** 2014
Stellenbosch University

AWARDS AND HONOURS

- **Top 2 Paper Award** 2023
International Communication Association (ICA), Mobile Communication Division
- **Best SACJ Paper Award (retrospective)** 2022
South African Computer Journal (SACJ) on behalf of SAICSIT
- **Top 3 Paper Award** 2021
International Communication Association (ICA), Mobile Communication Division
- **Best Paper Award** 2018
South African Computer Lecturers Association (SACLA)
- **Bronze Award: Writing for News Media** 2018
MACE congress awards (with SU Corporate Communications Division & le Roux, D. B.)
- **Think Tank Program** 2016
Stellenbosch University, Katholieke Universiteit (KU) Leuven, Belgium

SUPERVISION

Doctoral Supervision

2. Ndala, F. (ongoing), Chatbot Gender Stereotypes: Factors influencing design decisions of chatbots in South Africa a developers perspective. *PhD Socio Informatics*, SU
1. Henry, M., (ongoing), The use of Enterprise Social Networks for Social Support within Virtual Teams. *PhD Socio Informatics*, SU (co-supervision w/ le Roux, D. B.)

Masters Supervision

8. Steytler, M., (ongoing), Social Norms of Smartphone Use in Families in Rural WC, RSA. *MA Socio Informatics*, SU.

7. Litsibane, N., (ongoing), TBC. *MPhil Information and Knowledge Management*, SU.
6. Steyn, T., (ongoing), TBC. *MA Socio Informatics*, SU (co-supervision w/ le Roux, D. B.).
5. Ibrahim, M., (2022), Agile Software Development Practices in Remote Working Contexts: A Systematic Literature Review. *MA Socio Informatics*, SU.
4. Conradie, L., (2022), Cross-Domain Online Vigilance and Boundary Management Effects on Stress among Knowledge Workers *MPhil Information and Knowledge Management*, SU (co-supervision w/ le Roux, D. B.).
3. Eigelshoven, F., (2021), Investigation of Price Manipulation in Cryptocurrency Markets. *MSc Business Informatics and Digital Transformation*, Universität Potsdam (co-supervision w/ Ulrich, A.).
2. Schoonwinkel, P., (2020), Classification of Social Media Event-Discussions Using Interaction Patterns: A Social Network Analysis Approach. *MA Socio Informatics*, SU (co-supervision w/ Cornelissen, L. A.).
1. Mbilini, S., (2019), Automation and Labour Demand: South African Students' Awareness and Beliefs. *MA Socio Informatics*, SU (co-supervision w/ le Roux, D. B.).

Honours/Bachelor Research Project Supervision

- *Bachelor of Informatics Honours, SU*
 - 2023: Kuit, C., Murray, A., van der Westhuizen, A.
 - 2022: Bell, T., Botha, C., Pienaar, L., Williams, Y.
- *BComHons in Information Systems Management, SU*
 - 2021: Joubert, G., Moller, J., Small, D.
 - 2020: Morton, J., Pons, R., Pretorius, R., Schoeman, A.
 - 2019: Fraser, S., Veness, K., Dow, C., Mauff, D., Rabe, R., Carlisle, N.
 - 2018: Pretorius, A., de Waal, M., Daly, M., Broughton, A., Marx N., Niewoudt, M.
 - 2017: Warmerdam, S., Senior, J., Muller, M., du Plessis, W.
- *Wirtschaftsinformatik & Electronic Government, Bachelor Thesis, Universität Potsdam*
 - 2019: Abendroth, A. (exchange, co-supervision).

TEACHING

Postgraduate Teaching

Bachelor of Informatics Honours, SU 2022–present

- 2023: Data Analysis with R (17 students, 24 contact hours).
- 2022: Data Analysis with R (27 students, 18 contact hours).

BComHons in Information Systems Management, SU 2017–2021

- 2021: Data Analysis, Project Management (24 students, 36 contact hours).
- 2020: Data Analysis, Project Management (23 students, 36 contact hours).
- 2019: Data Analysis, Project Management (26 students, 24 contact hours).
- 2018: Research Theory, Enterprise Systems, Project Management (23 students, 36 contact hours).
- 2017: Research Theory, Enterprise Systems (15 students, 24 contact hours).

- 2023: KM Systems: The Data Analysis Process (20 students, 6 contact hours)
- 2022: KM Systems: The Data Analysis Process (20 students, 6 contact hours)
- 2021: KM Systems: The Data Analysis Process (25 students, 3 contact hours)

Undergraduate Teaching

- SU: Socio Informatics 314: Database Systems (\pm 60 students; 100 contact hours) 2017–2022
- SU: Socio Informatics 224: Introduction to Programming (\pm 110 students; 60 contact hours) 2016–present
- SU: Socio Informatics 262: Decision-making and Organisation (\pm 200 students; 28 contact hours) 2016

SERVICE IN THE ACADEMIC COMMUNITY

Conference, Event, or Workshop Organisation

- Co-organised the *51st Annual Conference of the Southern African Computer Lecturers Association, SACLA 2022* with Barnett, R. J. & le Roux, D. B.
- Co-organised the *Summer Institute in Computational Social Science (SICSS) 2021* Partner Site at Stellenbosch University, South Africa with Barnett, R. J.
- Co-organised the *Summer Institute in Computational Social Science (SICSS) 2020* Partner Site at Stellenbosch University, South Africa with Barnett, R. J. & Cornelissen, A. C.

Conference Chairing

- SACLA 2022: Program co-Chair

Associate Editor (11)

- European Conference on Information Systems (ECIS):
 - 2024: Track - *Social Media and Digital Collaboration* (TBC).
 - 2023: Track - *Social Media and Digital Collaboration* (2).
 - 2022: Track - *Social Media and Digital Collaboration* (2).
 - 2021: Track - *Social Media and Digital Collaboration* (2).
 - 2020: Track - *Social Media – Digital Work Digital Life* (2).
 - 2020: Track - *Liberty, Equality, Fraternity in a Digitizing World: Values and Ethical Perspectives* (1).
- Pacific Asia Conference on Information Systems (PACIS):
 - 2022: Track - *Sustainability and Societal Impacts of ICTs* (2).

Ad-hoc Journal Reviewer (87)

Note: partial records are available via my **Publons Reviewer Profile**.

Acta Psychologica (1); Behaviour & Information Technology (1); Cambridge Prisms: Global Mental Health (1); Clinical Psychological Science (3); Cognitive Processing (1); Communications Psychology (1); Computers in Human Behavior (14); Computers in Human Behavior Reports (9); Educational Psychology Review (3); Information, Communication, and Society (3); Internet Research (5); International Journal of Electronic Commerce (1); Journal of Cognitive Psychology (2); Journal of Communication (2); Journal of Computer-Mediated Communication (2); Learning and Individual Differences (1); Mass Communication and Society (2); Media Psychology (3); Mobile Media & Communication (1); Nature Human Behavior (1); New Review of Hypermedia and Multimedia (1); PLoS ONE (4); npj Mental Health Research (2); Psychological Research (2); Psychological Reports (1); Psychology of Popular Media (1); Scientific Reports (1); Social Psychiatry and Psychiatric Epidemiology (1); South African Computer Journal (3); South African Journal of Information Management (3); South African Journal of Science (3); Technology, Mind, and Behavior (8); Telematics and Informatics (2).

Conference Programme (reviewing) Committee (49)

- International Communication Association (ICA) Annual Conference, 2020–present (17).
- European Conference on Information Systems (ECIS), 2019–present (3).
- The Americas Conference on Information Systems (AMCIS), 2020–present (3).
- SAICSIT Annual Conference, 2019–present (9).
- IFIP Conference on e-Business, e-Services and e-Society (I3E), 2020–present (6).
- ACM CHI Conference on Human Factors in Computing Systems, 2020–present (3).
- Computer Supported Cooperative Work and Social Computing Conference (CSCW), 2020 (2).
- International Conference on Information Systems (ICIS), 2020–present (3).
- The International AAAI Conference on Web and Social Media (ICWSM), 2021 (2).
- Federated Africa and Middle East Conference on Software Engineering (FAMECSE), 2022 (4).
- Southern African Artificial Intelligence Conference (SACAIR), 2022 (2).

External Grant/Funding Evaluator

- *South African National Research Foundation* (NRF).
 - NRF rating reviewer (2) 2021 - present
- *Austrian Science Fund* (FWF).
 - FWF new Emerging Fields program (1) 2023

External Examination

- MIT Information Systems, University of Pretoria, South Africa (3)
- MSc Business Informatics & Digital Transformation, University Potsdam, Germany (1)
- MSc Computing, University of South Africa (UNISA), South Africa (1)

Internal Examination

- MA Socio-Informatics, Stellenbosch University, South Africa (2).
- MA Psychology, Stellenbosch University, South Africa (1).

External Programme/course Moderation

- MIT ICT Management (coursework), University of Pretoria 2022 - present
- Introduction to Social Informatics, University of Cape Town 2023 - 2025

Other Association/Conference Participation

- SAICSIT Council member (ordinary council member) 2022 - 2026
- ECR Event Planning Committee, ICA: Mobile Communication Interest Group 2022
- Session/panel Chair: ICA MobileComm, Emerging research in mobile communication 2022
- Host: ICA MobileComm, TopicCoffee Discussions 2022
“Data Donation: A New Era for the Study of Mobile Communication?”

DEPARTMENTAL & UNIVERSITY ADMINISTRATION & SERVICE

- Academic Appointments Committees (interview panels) 2022 - present
 - School for Data Science & Computational Thinking, SU (2022)
 - Department of Information Science, SU (2023)
- Departmental Social Impact Representative, SU IS 2022 - present
- Departmental Self-evaluation committee, SU IS 2016, 2022
- Undergraduate Modules Co-ordinator & ISM Focal Area Co-ordinator, SU IS 2022 - present
 - Curriculum development for nine new undergraduate modules (2022 - 2023)
- Departmental Ethics Screening Committee (DESC) co-ordinator, SU IS 2020 - present
- Departmental Higher Degrees Examination Panel (MA, MPhil), SU IS 2020 - present
- Marketing & PR Presentations, SU IS 2017 - present
- BCom Honours (ISM) Programme Selection Committee, SU IS 2017 - present

OTHER COMMUNITY INTERACTION

- Judge: BDO Financial Services Annual Hackathon 2022
- Advisory board: Beeline (startup: <https://www.beeline.life/>) 2022

CONTINUED RESEARCH, TEACHING AND SKILLS DEVELOPMENT

Formal Programs, Courses or Workshops

- *Atlas.ti: The qualitative data analysis and research software* 17 May (2023)
Coetzee, B. (Stellenbosch University), Online.
- *Software Instructor Training* 20 May (2022)
The Software Sustainability Institute (SSI), Online.

- *NRF Rating workshop* 5 August (2021)
The SU Division for Research Development, Online.
- *Learn to Write for the Media* 26–31 March (2021)
The Conversation Africa, Online.
- *The Fundamentals of Grant Proposal Writing* 13–14 October (2020)
The SU Division for Research Development, Online.
- *Research Transparency & Reproducibility Training (RT2)* 21–25 September (2020)
The UC Berkeley Initiative for Transparency in the Social Sciences (BITSS), Online.
- *Summer Institute in Computational Social Science (SICSS)* 17–28 June (2019)
Partner site at the University of Cape Town (Salganik, M., Bail, C. & Adjiwanou, V.), Cape Town.
- *LKU Certification: Applying Kanban (Foundation-KMP I) Training* 22–23 August (2018)
Freislich, M., (Agile42), Cape Town.
- *Workshop on Teaching Portfolios* 14 March (2018)
Cattell-Holden, K. & Kramm, N., Stellenbosch.
- *Data Carpentry Workshop* 6–8 November (2017)
van Rensberg, A., Hodge, A., van der Linde, I., & Steyn, J., Stellenbosch.
- *Outsystems Developer Bootcamp* 23–27 October (2017)
Worth, O. (Outsystems), Stellenbosch.
- *Workshop on the role of statistics in research* 3 August (2017)
SU Statistical Consultation Services, Stellenbosch.
- *Making important decisions about publishing your research* 14 October (2016)
SU Library and Information Service, Stellenbosch.
- *Think Tank Program,* (2016)
KU Leuven and Stellenbosch University, Stellenbosch.
- *Graduate Programme* (2015)
Frederick van Zyl Slabbert Institute for Student Leadership, Stellenbosch.

Online Courses & MOOCs

Coursera Courses

- Improving Your Statistical Questions (TU Eindhoven), 2019.
- Client Needs and Software Requirements (University of Alberta), 2016.
- Software Processes and Agile Practices (University of Alberta), 2016.
- Introduction to Software Product Management (University of Alberta), 2015.
- Internet History, Technology, and Security (University of Michigan), 2015.
- Project Management: The Basics for Success (UC Irvine), 2015.

DataCamp mini-courses (27 with certificates)

2018

Introduction to R; Introduction to Data in R; Intermediate R; Introduction to the Tidyverse; Communicating with Data in the Tidyverse; Data Manipulation in R with dplyr; Joining Data in R with dplyr; Introduction to Importing Data in R; Working with Web Data in R; Exploratory Data Analysis in R; Correlation and Regression in R; Writing Functions in R; Data Visualisation with ggplot2 (part 1, part 2); Reporting with R Markdown; Cleaning Data in R; String Manipulation with stringr in R; Foundations of Probability in R; Foundations of Inference; Introduction to Machine Learning; Multiple and Logistic Regression in R; Text Mining with Bag-of-Words in R; Inference for Linear Regression in R; Visualisation Best Practices in R; Introduction to SQL; Joining Data in SQL; Intermediate SQL; Introduction to Git.

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- South African Institute for Computer Scientists and Information technologists (SAICSIT) 2015 - present
- South African Computer Lecturers Association (SACLA) 2016 - present
- ACM Special Interest Group on Computer-Human Interaction (SIGCHI) Protea (SA) Chapter 2021 - present
- International Communication Association (ICA) 2022 - present
 - Mobile Communication Division
 - Communication & Technology Division

OTHER EXPERIENCE

FVZS Institute for Student Leadership Development <i>Graduate Programme Facilitator (part time)</i>	January 2017 - October 2017 <i>Stellenbosch, South Africa</i>
Freelance <i>Web developer (part time)</i>	2014 - 2017 <i>South Africa</i>
Information Science, Stellenbosch University <i>Teaching Assistant (part time)</i>	February 2014 - November 2015 <i>Stellenbosch, South Africa</i>
4i Mobile <i>Intern (full time): Mobile application UX, Agile/Scrum processes</i>	July 2015 - August 2015 <i>Stellenbosch, South Africa</i>
Braxton Consulting Group <i>Intern (part time): Data management</i>	March 2015 - May 2015 <i>Stellenbosch, South Africa</i>

WRITING FOR THE GENERAL PUBLIC

- **Parry, D. A.** (2023) Productivity in the Age of Digital Distraction. *Zario Blog* <https://www.meetzario.com/post/productivity-in-the-age-of-digital-distraction>
- **Parry, D. A.** (2021) Do self-reports accurately capture media use? *Behavioural and Social Sciences at Nature Research*. <https://socialsciences.nature.com/posts/do-self-reports-accurately-capture-media-use>
- Przybylski, A. K., Johannes, N., Vuorre, M., Dodel, M., Gottlieb, C., Kaye, L. K., Davidson, D. I., Ellis, D. A., **Parry, D. A.**, Odgers, C. L., Sewall, J. R., Etchells, P., J., Abbas, R., Boniel-Nissim, M., Law, W., Erhel, S., Howard, A. L., Modecki, K., Orben, A. (2021) An Open Letter to Mr. Mark Zuckerberg: A Global Call to Act Now on Child and Adolescent Mental Health Science. *Oxford Internet Institute*. <https://www.oii.ox.ac.uk/an-open-letter-to-mark-zuckerberg>
 - USA Today: <https://bit.ly/3oqWrVZ>
 - ABC News: <https://ab.co/2ZW2ecH>
 - The Verge: <https://bit.ly/3lI2ZxB>
 - Business Insider: <https://bit.ly/3IsxcL0>

MEDIA COVERAGE (SELECTED)

- Scientific American (2022) Podcast Interview 20/12 <http://bit.ly/3hL2Qef>
- Voice of Islam, UK (2022) Radio Interview 18/05
- Psychology Today (2021) <https://bit.ly/3mUW6Jb>
- The Conversation USA (2021) <https://bit.ly/371n9eh>
- Psychology Today (2021) <https://bit.ly/2Vdcquz>
- Psychology Today (2021) <https://bit.ly/3v3uYdc>

- The Conversation Africa (2021) <https://bit.ly/3oI9Tn2>
- Psychology Today (2021) <https://bit.ly/3u9oSae>
- Fast Company (2021) <https://bit.ly/2RoVoIF>
- University of Bath Press release (2021) <https://bit.ly/2QxKSOE>
- Voice of Islam, UK (2020) Radio Interview 20/10 <https://bit.ly/3kepmIx>
- 5FM Roger Goode Show (2020) Radio Interview 16/03 <http://bit.ly/2WozTrc>
- IT News Africa (2020) <http://bit.ly/2IGmjri>
- Radio 702 (2020) Radio Interview 12/03 <http://bit.ly/2vqnckS>
- Business Insider (2020) <http://bit.ly/2Q7IBWX>
- eTV News (2020) TV Interview 11/02
- Smile FM: ‘The Honest Truth’ (2020) Radio Interview 11/02 <http://bit.ly/3bvbFKP>
- SU Press release (2020) <http://bit.ly/2SxFoAB>
- SU Press release (2020) <http://bit.ly/2SCPrUX>
- ERR Novaator (2018) <http://bit.ly/2U0BBBP>
- Daily Mail, UK (2020) <https://dailym.ai/2VEUWma>
- Cape Times, SA (2017) <http://bit.ly/2UNNjgd>
- Business Day, SA (2017) <http://bit.ly/2D7BU0k>
- TimesLive, SA (2017) <http://bit.ly/2U0DBtP>
- CapeTalk/Radio 702 (2017) Radio Interview <http://bit.ly/2Z5Tont>
- Voice of the Cape, morning show (2017) Radio Interview 19/10
- Smile FM: ‘The Honest Truth’ (2017) Radio Interview 18/10
- SU Press release (2017) <http://bit.ly/2KqKX2V>, <https://www.youtube.com/watch?v=SJAUwjizNfg>