

DR DOUGLAS A. PARRY

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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
Website	dougaparry.com ◊ suinformatics.com/ctrig
Google Scholar	bit.ly/2D8pp4V (citations: 889, 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">• Visiting Researcher (Erasmus funded) Chair of Business Informatics, Universität Potsdam, Germany (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, 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) Examiners: Lochner, C. (Psychiatry), Nel, L. (Informatics), & Rosen, L. (Psychology)	2019
MA (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: le Roux, D. B. (Information Science)	2017
BAHons (Cum Laude) in Socio Informatics (Stellenbosch University) Supervisor: Pretorius, C. (Information Science)	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: 2023/04/11

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

Refereed Journal Publications

22. 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*   
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]
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]

[‡]Consortium authorship: author 17/155.



[‡]Consortium authorship: author 12/138.

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)

4. **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]   
3. **Parry, D. A.** (under review). Can Our Claims be Verified? Open Science Practices in Information Systems Research [Preprint] [Materials]   
2. 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 

1. Conradie, L.,* le Roux, D. B., **Parry, D. A.** (under review). Does constant online availability predict stress among knowledge workers? [Materials]   

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.**, Weinstein, E., Vandenbosch, L., 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., Treppe, 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

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: R714 000 (approx. \$40 000).

- **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
- **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 3 Paper Award** 2023
International Communication Association (ICA), Mobile Communication Division
- **Best 2018 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

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*
 - 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).

Postgraduate Diploma in Knowledge and Information Systems Management, SU 2021–present

- 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 (83)

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

Acta Psychologica (1); Behaviour & Information Technology (1); Cambridge Prisms: Global Mental Health (10); 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 (1); Media Psychology (2); 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); Scientific Reports (1); Social Psychiatry and Psychiatric Epidemiology (1); South African Computer Journal (2); South African Journal of Information Management (3); South African Journal of Science (2); Technology, Mind, and Behavior (8); Telematics and Informatics (2).

Conference Programme (reviewing) Committee (46)

- 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 (6).
- 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

External Examination

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

CONTINUED RESEARCH, TEACHING AND SKILLS DEVELOPMENT

Formal Programs, Courses or Workshops

- *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.

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

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- 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.** (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/2QxKS0E>
- 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>