

# 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

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Personal	Born: 1992 (30), married (one child)
Citizenship	South Africa (native born), USA
Website	dougaparry.com ◊ suinformatics.com/ctrig
Google Scholar	bit.ly/2D8pp4V (citations: 523, h-index: 11)
ResearchGate	www.researchgate.net/profile/Douglas_Parry
ORCID	orcid.org/0000-0002-6443-3425
OSF	osf.io/sa5x4

## ACADEMIC APPOINTMENTS

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<b>Lecturer</b> <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	<b>2020 - present</b>
<b>Contract Junior Lecturer (full time)</b> <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	<b>2017 - 2019</b>
• <b>Visiting Researcher</b> , Chair of Business Informatics, Universität Potsdam, Germany (November 2019)	
<b>Contract Junior Lecturer (part time)</b> <i>Information Science, Faculty of Arts and Social Sciences, Stellenbosch University</i>	<b>2016</b>

## EDUCATION

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














## ACADEMIC PUBLICATIONS

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

### Refereed Journal Publications



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]
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), 261281. **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](https://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

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. 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 .
4. McCrosky, J.,<sup>†</sup> **Parry, D. A.**,<sup>†</sup> Sewall, J. R., Orben, A. (under review). Using Browser Data to Understand Desires to Spend Time Online. [Preprint] [Materials]   .
3. Conradie, L.,\* le Roux, D. B., **Parry, D. A.** (under review). Does constant online availability predict stress among knowledge workers? [Materials]   .
2. **Parry, D. A.**, Sewall, J. R. (under review). How consistent are smartphone application preferences? A longitudinal study of mobile application repertoires using behavioral data. [Preprint] [Materials] .
1. **Parry, D. A.**, le Roux, D. B., Morton, J.\* , Pons, R.\* , Pretorius, R.\* , Schoeman, A.\* (under review). Digital Wellbeing Applications: Adoption, Use and Perceived Effects. [Preprint] [Materials]   .

## ACADEMIC PRESENTATIONS

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### Academic Conference Presentations (Refereed)

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 72<sup>nd</sup> annual conference of the International Communication Association (ICA), Paris, France*.
12. Karnowski, V., **Parry, D. A.**, Stroud, T., Correa, E. S., Thorson, K., Battocchio, A. F., de Vreese, C., Araujo, T., Moller, J., Neijens, P. (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 72<sup>nd</sup> 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 71<sup>st</sup> 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 18<sup>th</sup> 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 70<sup>th</sup> 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? *17<sup>th</sup> International CyberSpace Conference, Brno, Czech Republic.*
7. le Roux, D. B., **Parry, D. A.**, (2019). Towards an Integrated Framework of Technology Use Dimensions. *17<sup>th</sup> 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. *11<sup>th</sup> 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? *15<sup>th</sup> International CyberSpace Conference. Brno, Czech Republic.*
4. le Roux, D.B. **Parry, D. A.**, (2017). Metaphors of Social Media. *15<sup>th</sup> International CyberSpace Conference. Brno, Czech Republic.*
3. **Parry, D. A.**, le Roux D.B. (2017) Smartphones in lectures, is resistance futile? *10<sup>th</sup> 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? *14<sup>th</sup> 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. *9<sup>th</sup> Annual Scholarship for Teaching and Learning conference (SOTL). Somerset West, South Africa.*

## Public Lectures, Invited Talks, Seminars & Colloquia

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 *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: R694 420 ♦ \$46 288)

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<ul style="list-style-type: none"> <li>• <b>New Research Projects Grant: £1900 (R39 500)</b> <i>University of Bath: School of Management</i> Co-I. w/ P.I. Davidson, B.I. (UoB)</li> </ul>	2021
<ul style="list-style-type: none"> <li>• <b>SICSS Partner Site Financial Support: \$8 200 (R122 500)</b> <i>Alfred P. Sloan Foundation, Russel Sage Foundation, Facebook, &amp; The SSRC,</i> <i>via Salganik, M. &amp; Bail, C.</i></li> </ul>	2021
<ul style="list-style-type: none"> <li>• <b>SICSS Partner Site Financial Support: \$15 000 (R225 000)</b> <i>Alfred P. Sloan Foundation, Russel Sage Foundation, Facebook, &amp; The SSRC,</i> <i>via Salganik, M. &amp; Bail, C.</i></li> </ul>	2020
<ul style="list-style-type: none"> <li>• <b>DAAD Travel Grant: €1 246 (R23 000)</b> <i>DAAD International Partnership.</i></li> </ul>	2019
<ul style="list-style-type: none"> <li>• <b>Harry Crossley Doctoral Bursary: R120 000 (\$9 120)</b> <i>Harry Crossley Foundation</i></li> </ul>	2018
<ul style="list-style-type: none"> <li>• <b>Travel Grant: R15 000 (\$1 128)</b> <i>Stellenbosch University</i></li> </ul>	2017
<ul style="list-style-type: none"> <li>• <b>Early Career Development Grant: R25 000 (\$1 880)</b> <i>The Andrew W. Mellon Foundation</i></li> </ul>	2017
<ul style="list-style-type: none"> <li>• <b>Post-Graduate Merit Bursary: R27 500 (\$1 875)</b> <i>Stellenbosch University</i></li> </ul>	2016
<ul style="list-style-type: none"> <li>• <b>Scarce Skills Bursary: R40 000 (\$3 120)</b> <i>South African National Research Foundation</i></li> </ul>	2015
<ul style="list-style-type: none"> <li>• <b>Post-Graduate Merit Bursary: R17 500 (\$1 365)</b> <i>Stellenbosch University</i></li> </ul>	2015
<ul style="list-style-type: none"> <li>• <b>Senior Merit Bursary: R7 500 (\$700)</b> <i>Stellenbosch University</i></li> </ul>	2014

#### AWARDS AND HONOURS

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<ul style="list-style-type: none"> <li>• <b>Top 3 Paper Award</b> <i>International Communication Association, Mobile Communication Division.</i></li> </ul>	2021
<ul style="list-style-type: none"> <li>• <b>Best Paper Award</b> <i>South African Computer Lecturers Association</i></li> </ul>	2018
<ul style="list-style-type: none"> <li>• <b>Bronze Award: Writing for News Media</b> <i>MACE congress awards (with SU Corporate Communications Division &amp; le Roux, D. B.)</i></li> </ul>	2018

## SUPERVISION

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### Doctoral Supervision

1. Henry, M., (ongoing), Enterprise Social Media within Virtual Teams: congruence, information overload, and well-being. *PhD Socio Informatics*, SU (co-supervision w/ le Roux, D. B.)

### Masters Supervision

7. Steytler, M., (ongoing), TBC. *MA Socio Informatics*, SU (co-supervision w/ le Roux, D. B.).
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

- *BInfHons, SU*
  - 2022: Bell, T., Botha, C., Pienaar, L., Williams, Y.
- *BComHons ISM, 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

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## Postgraduate Teaching

*Bachelor of Informatics Honours, SU*

2022–present

- 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

- 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–present
- 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

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### 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
- Southern African Artificial Intelligence Conference (SACAIR) 2022: Track Chair - *AI in Information Systems*

### Associate Editor (9)

- European Conference on Information Systems (ECIS):
  - 2023: Track - *Social Media and Digital Collaboration* (tbc).
  - 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 (62)

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

Acta Psychologica (1); Behaviour & Information Technology (1); Clinical Psychological Science (3); Cognitive Processing (1); Computers in Human Behavior (11); Computers in Human Behavior Reports (9); Educational Psychology Review (1); Information, Communication, and Society (3); Internet Research (3); International Journal of Electronic Commerce (1); Journal of Cognitive Psychology (2); Learning and Individual Differences (1); Media Psychology (1); Mobile Media & Communication (1); New Review of Hypermedia and Multimedia (1); PLoS ONE (4); 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); Technology, Mind, and Behavior (7); Telematics and Informatics (2).

## Conference Programme (reviewing) Committee (41)

- International Communication Association (ICA) Annual Conference, 2020–present (12).
- 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)

## External Grant/Funding Evaluator

- *South African National Research Foundation* (NRF).
  - NRF rating reviewer (2021).

## External Examination

- MIT Information Systems, University of Pretoria (1)
- MSc Business Informatics & Digital Transformation, University Potsdam (1)

## Internal Examination

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

## External Programme Moderation

- MIT ICT Management (coursework), University of Pretoria 2022 - present

## Other Association/Conference Participation

- 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 - “Data Donation: A New Era for the Study of Mobile Communication?” (2022)

## DEPARTMENTAL & UNIVERSITY ADMINISTRATION & SERVICE

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- Academic Appointments Committees (interview panels) 2022 - present
  - School for Data Science & Computational Thinking, SU (2022)
- Ad hoc acting Head of Department, SU IS 2022 - present
- Departmental Social Impact Representative, SU IS 2022 - present
- Undergraduate Modules Co-ordinator & ISM Focal Area Co-ordinator, SU IS 2022 - present
- 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
- Departmental Self-Evaluation Committee, SU IS 2016

## OTHER COMMUNITY INTERACTION

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- Judge: BDO Financial Services Annual Hackathon 2022

## CONTINUED RESEARCH, TEACHING AND SKILLS DEVELOPMENT

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### 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* 2015 - present

- 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

## OTHER EXPERIENCE

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

## WRITING FOR THE GENERAL PUBLIC

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- **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)

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- 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>