Douglas A. Parry

Junior Lecturer, PhD Candidate Information Science, Stellenbosch University

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Douglas Parry completed his Honours and Masters degrees at Stellenbosch University (2015 & 2017). He currently holds a faculty position teaching and supervising within the undergraduate and postgraduate Socio Informatics programs as part of the Information Science Department at Stellenbosch University. He is in the early stages of his Phd studies focusing on media multitasking and cognitive control.
His research interests include: media effects; human computer interaction, cognition, and well being.

Personal Details

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Qualifications

2018 -   **PhD (Socio Informatics), Stellenbosch University (In Progress)**

Thesis: *Habitual Media Multitasking And Cognitive Control: Testing The Feasibility of a Reduced Media Use Intervention*

Supervisors: Dr D. B. le Roux; Dr J. R. Bantjes

2017   **MA (Socio Informatics), Stellenbosch University (Cum Laude)**

Thesis: *The digitally-mediated study experiences of undergraduate students in South Africa*

Supervisor: Dr. D. B. le Roux

2015   **BA Hons (Socio Informatics), Stellenbosch University (Cum Laude)**

Thesis: *An investigation of alternative information displays for load-shedding schedules*

Supervisor: Mrs C. Pretorius

2014   **BA (Socio Informatics), Stellenbosch University**

2010   **National Senior Certificate: Diocesan College (Bishops)**

Academic Experience

2017 -   **Junior Lecturer (Full time)**

Stellenbosch University, Department of Information Science

Responsible for the management and teaching of both undergraduate as well as postgraduate courses focusing on technical content, the supervision of honors-level research projects, the conduct of self-motivated research projects, and the publication of research findings.

2016   **Junior Lecturer (Part time)**

Stellenbosch University, Department of Information Science

Responsible for the management and teaching of undergraduate courses, the conduct of self-motivated research projects towards the completion of the Masters degree, and the publication of research findings.

2014 - 2015   **Teaching Assistant**

Stellenbosch University, Department of Information Science

Selected Awards, Grants and Funding

2018	Harry Crossley Foundation Bursary for Local Study (Doctoral studies at Stellenbosch University)
2017	Stellenbosch Division for Research Development Travel Grant
2017	Mellon Early Career Research Development Grant
2016	Stellenbosch Post-Graduate Merit Bursary
2015	NRF Scarce Skills Bursary
2015	Stellenbosch Post-Graduate Merit Bursary
2014	Stellenbosch Senior Merit Award Bursary

Journal Articles

2017   Le Roux, D. B., **Parry, D. A**., (2017) *In-lecture Media Use and Academic Performance: Does Subject Area matter?* Computers in Human Behaviour, Volume 77, December 2017, Pages 86-94. doi>https://doi.org/10.1016/j.chb.2017.08.030

Published Conference Proceedings

2017   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, vol 730. Springer, Cham doi>10.1007/978-3-319-69670-6_2

2016   Pretorius A, **Parry DA**. Human Decision Making and Artificial Intelligence - A Comparison in the Domain of Sports Prediction. In: *Coetzee M, Ehlers E, Coulter D, Marnewick C, Leung WS (eds.) Proceedings of the 2016 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016),* Johannesburg, South Africa, ACM 2016. doi>10.1145/2987491.2987493

2016   Leysens JL, le Roux DB, **Parry, DA**. Can I have your attention please? An empirical investigation of media multitasking during university lectures In: *Coetzee M, Ehlers E, Coulter D, Marnewick C, Leung WS (eds.) Proceedings of the 2016 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2016),* Johannesburg, South Africa, ACM 2016. doi>10.1145/2987491.2987498

2015   **Parry DA,** Pretorius C. Maps as a technique for visualizing load-shedding schedules. In: Barnett, R. J., Cleophas, L., Kourie, D. G., le Roux, D. B., Watson, B. W. *(eds.) Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015),* Stellenbosch, South Africa, ACM 2015. doi>10.1145/2815782.2815784

Academic Conference Presentations

2017   **Parry, DA.,** le Roux, D. B. (2017). Irresistible Media: Why Do Students Media Multitask? In *15th International CyberSpace Conference*. Brno, Czech Republic.

2017   le Roux, D.B., **Parry, DA.,** (2017). Metaphors of Social Media In *15th International CyberSpace Conference*. Brno, Czech Republic.

2017   **Parry, DA**., le Roux DB, (2017) Smartphones in Lectures, is resistance futile?. In *10th Annual Scholarship for Teaching and Learning conference (SOTL)*. 24-25 October 2017. Somerset West.

2016   Le Roux, D. B., **Parry, D.,** & Leysens, J. (2016). Smart Phones, Stupid People? In *14th International CyberSpace Conference*. Brno, Czech Republic.

2016   **Parry, DA**., le Roux DB, Leysens JL. (2016) Media Multitasking in Academic Contexts: An Empirical Analysis of Media Use Within University lectures. In *9th Annual Scholarship for Teaching and Learning conference (SOTL)*. 24-25 October 2016. Somerset West.

Postgraduate Research Supervision
BCom Honours (Information Systems Management) Supervision

2017   Samantha Warmerdam: *Media Multitasking and Its Influence on Students' Recall During a Lecture* **[Cum Laude]**

2017	Melissa Muller: *Out of Our Depth? The Impact of Media Multitasking on Cognitive Ability: A Review*
2017	York Senior: *How does Media Multitasking in class affect Academic Performance? A Systematic Review* **[Cum Laude]**
2017	Wikus Du Plessis: *Creating a New Short and Universal Measurement Tool for Media Multitasking*

Public Lectures, Seminars & Colloquia

2017	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, University of Potsdam, Germany.
2017	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, NUI Galway, Ireland.
2017	D. B. le Roux & **D. A Parry (2017)** *The State of Research Concerning the Relationship between Media Multitasking and Cognition.* Colloquium Presented at the Information Science Departmental Colloquia, 2017 Series, Stellenbosch University, South Africa
2016	**Parry, D.A.** Pretorius, A. (2016) *Human Decision Making and Artificial Intelligence - Predicting Sports Results.* Colloquium Presented at the Information Science Departmental Colloquia, 2016 Series, Stellenbosch University, South Africa

Teaching

2017, 2018	**BComHons Information Systems Management:** Research Theory; Project Management; Enterprise Computing
2017, 2018	**Socio Informatics 314: Database Systems Design:** Database concepts, models, design and management
2016, 2017, 2018	**Socio Informatics 224: Introduction to Computer Programming:** Principles of computer programming. Skills development in object-oriented programming languages.
2016	**Socio Informatics 262: Decision-making and Organisation:** Social theory of organisation, specifically the systemic role of structure and decision making.

Administrative Functions

2018	BCom Honours (Information Systems Management) Research Project Coordinator
2017	BCom Honours (Information Systems Management) Admissions Committee Member
2016	Information Science Departmental Evaluation Committee Member

Continued Research and Teaching Development

2017	*Data Carpentry Workshop,* Presented by Angelique van Rensberg, Amhy Hodge, Ian van der Linde & Juan Steyn (6 - 8 November), JS Gerricke Library
2017	*Outsystems Developer Bootcamp*, Presented by Ouen Worth (23 - 27 October), Stellenbosch.
2017	*The role of statistics in research.* Presented by Prof Martin Kidd (03/08/2017), JS Gerricke Library
2016	*Making important decisions about publishing your research.* Presented by: Marié Roux, Mimi Seyffert, Dalene Pieterse, JS Gerricke Library

Community Interaction

2018   **Reviewer: European Conference on Information Systems (ECIS) 2018:** Social Media in Business and Society Track.

2017   **Reviewer: South African Computer Journal (SACJ).**

2017   **Co-Facilitator: Frederick van Zyl Slabbert Institute: Graduate Programme:** A graduate program aimed at equipping Stellenbosch Graduates with the necessary skills to excel in the wider world.

2017   **Marketing Presentations for Department of Information Science:** Paul Roos Gymnasium, First year Orientation, SU Open Day.

2016   **Member: KU Leuven-Stellenbosch University Think Tank:** Each year, a group of 30 top students from a variety of disciplines work together on a central theme, supervised by an academic coordinator and a multidisciplinary team on both sides. The central theme of the 2016 edition of this Think Tank is "Brave new world? Merging technology and society: opportunities, challenges and threats to the quality of life".

2015   **Participant: Frederick van Zyl Slabbert leadership Institute: Graduate Leadership programme:** A graduate program aimed at equipping Stellenbosch Graduates with the necessary skills to excel in the wider world.

Media Coverage (selected)

2016   **Radio interview on MFM 29/09/2016:** Presenting research on students' media use patterns

2017   **SU Press release: 16/10/2017: Smartphones keep students from concentrating during lectures** http://www.sun.ac.za/english/Lists/news/DispForm.aspx?ID=5197

2017   **TimesLive: 17/10/2017: "Your Phone is switching you off, say academics"** https://www.timeslive.co.za/news/sci-tech/2017-10-17-your-phone-is-making-you-stupid-say-academics/ http://www.heraldlive.co.za/news/2017/10/17/phone-making-stupid-say-academics/

2017   **Business Day: 17/10/2017: "Students in lectures hardly ever follow lecturer's slides when phones are nearby"** https://www.businesslive.co.za/bd/life/gadgets-and-gear/2017-10-17-students-in-lectures-hardly-ever-follow-lecturers-slides-when-phones-are-nearby/

2017   **CapeTalk/702: 17/10/2017: Smartphone multitasking can hinder varsity students ability to study - research** http://www.702.co.za/articles/276758/smartphone-multitasking-can-hinder-varsity-students-ability-to-study-research http://www.capetalk.co.za/articles/276758/smartphone-multitasking-can-hinder-varsity-students-ability-to-study-research

2017   **Radio Interview on Smile FM: 18/10/2017:** Half an hour discussion show focusing on recent research

2017   **Radio Interview on Voice of the Cape: 19/10/2017:** Morning show interview focusing on recent research

2017   **Cape Times, Independent Online: Cellphone distraction affecting academic results - study** https://www.iol.co.za/capetimes/news/cellphone-distraction-affecting-academic-results--study-11606641

2017   **The Star: Moment lecture gets boring, phones pop out**

2017   **Daily Dispatch: Students on Smartphones not so smart**

2017   **Die Burger: Slimfone mors met studente se andar**

2017   **Pretoria News: Phones Harm our ability to concentrate**

2017   **Universe Online: Smartphone zorgt voor slechte cijfers** https://universonline.nl/2017/10/18/smartphone-zorgt-voor-slechte-cijfers

2017   **Daily Mail UK: Want to boost your grades? Turn off your phone, say scientists** http://www.dailymail.co.uk/sciencetech/article-4998620/Want-boost-grades-Turn-phone.html