DR AMY ORBEN

MRC Cognition and Brain Sciences Unit \diamond University of Cambridge \diamond Cambridge, CB2 7EF @OrbenAmy & amy.orben@mrc-cbu.cam.ac.uk

EDUCATION	
University of Oxford DPhil Experimental Psychology, St. Hilda's College Supervisors: Professor Robin Dunbar and Professor Dorothy Bishop	September 2019
University of Cambridge	June 2015
MA (Hons) Natural Sciences, Magdalene College	Double First Class
ACADEMIC POSITIONS	
MRC Cognition and Brain Sciences Unit Programme Leader Track Scientist	From November 2021 $Cambridge,\ UK$
Emmanuel College, University of Cambridge College Research Fellow	October 2019 - September 2023 $Cambridge, UK$
The Queen's College, University of Oxford Stipendiary College Lecturer	January 2017 - October 2019 $Oxford,\ UK$
The Queen's College, University of Oxford Non-Stipendiary College Lecturer	October 2016 - January 2017 $Oxford,\ UK$
VISITING POSITIONS	
MRC Cognition and Brain Sciences Unit Visiting Research Fellow	October 2019 - October 2021 Cambridge, UK
Eindhoven University of Technology Visiting PhD Student, Daniël Laken's Research Group	March - April 2019 Eindhoven, Netherlands
Knowledge Media Research Center, University of Tübingen Visiting PhD Student, Sonia Utz's Research Group	March - September 2017 Tübingen, Germany
AWARDS AND HONOURS	
Cambridge SU Annual Teaching Awards Nominee (Working in Partners	ship with Students) March 2022
UKRN Dorothy Bishop Prize Nominee	March 2022
ACAMH Digital Innovation Award Nominee	October 2021
British Neuroscience Association Researcher Credibility Prize	March 2021
Society for the Improvement of Psychological Science Mission Award	October 2020
Society for the Improvement of Psychological Science Commendation	March 2020
British Psychological Society Award for Outstanding Doctoral Research	January 2020
Understanding Society Young Researcher Prize	July 2019
Oxford SU Annual Teaching Awards Nomination in the Best Tutor Cat	tegory May 2019
Techwomen50 Award, We Are The City	January 2018
Prize for Best Talk, St. Hilda's MCR Research Symposium	March 2017
Winner of the Oxford Social Innovation Case Competition	$April\ 2016$
Leading for Impact Fellow, Saïd Business School, University of Oxford	2015-2016
Magdalene College Scholarship	June~2015
Magdalene College Prize for Natural Sciences	June~2015
Magdalene College Bundy Scholarship	June~2015
Magdalene College Scholarship	$June \ 2014$

June 2014

Magdalene College Prize for Natural Sciences

2021 - 2026: Jacobs Foundation

10,000,000 CHF

CERES: Connecting the EdTech Research EcoSystem

(Executive Advisory Board Member; PI C. Odgers, G. Hayes)

2021 - 2024: Jacobs Foundation

\$325,000

CERES Sub-Award: Connecting the EdTech Research EcoSystem (PI)

2021 - 2023: Jacobs Foundation

240,000 CHF

Isolationtracker: Social Distancing, Lockdown and Adolescent Mental Health during Covid-19 (Co-PI; PI S.-J. Blakemore, R. A. Kievit, L. Tomova)

2021: British Psychological Society Undergraduate Assistantship Scheme

£2.160

Disrupting Harm: UNICEF collaboration to understand the impacts of digital technologies on children in the Global South (PI)

2020 - 2023: UK Economic and Social Research Council

£231.769

How Much is Too Much? Leveraging Existing and Emerging Large-Scale Social Data to Build Robust Evidence-Based Policy for Children in the Digital Age (Co-I; PI A. Przybylski)

2020 - 2021: UK Economic and Social Research Council

£15,390

New and Emerging Forms of Data Initiative (PI: Research Consultancy)

2019 - 2023: Emmanuel College, University of Cambridge

£ 103,551

Emmanuel College Research Fellowship (PI)

2019 - 2020: Barnardo's UK

£59,993

Understanding the Psychological Well Being of Disadvantaged Young People in the Digital Age (Co-PI; PI A. Przybylski)

2018 - 2021: Society for Research in Child Development

\$21,000

Robustly Quantifying Parental Monitoring and Support in the Digital Age (Co-PI; PI K. Modecki)

TRAVEL, GROUP AND WORKSHOP FUNDING

ReproducibiliTea Annual Meeting Institute of Advanced Studies, University of Surrey and Others	December 2019 £4,700
UKRN Grant to ReproducibiliTea UK Reproducibility Network	October 2019 £3,261
St. Hilda's Travel Grant St. Hilda's College, University of Oxford	May 2019 £304
UKRN Grant to ReproducibiliTea UK Reproducibility Network	January 2019 £2,500
Postgraduate Study Visit Scheme British Psychological Society	August 2018 £800
Postgraduate Member Travel Grant European Association of Social Psychology	June 2018 £1,000
Jacobs Foundation Workshop Travel Funding SRCD-Jacobs Foundation	May 2018 £1,500
Volkswagen Foundation Conference Bursary Computational Communication Science Conference	December 2017 £400
PsyPAG Study Visit Bursary Psychology Postgraduate Affairs Group	September 2017 £200
Santander Academic Travel Award 2017 Santander and the University of Oxford	June 2017 £363
Postgraduate Travel Bursary British Psychological Society, West Midlands Branch	March 2017 £100

St. Hilda's Travel Grant February 2017 St. Hilda's College, University of Oxford £1,000 Postgraduate Bursary for Annual Conference February 2017 British Psychological Society £145 Muriel Wise Fund October 2016 St. Hilda's College, University of Oxford £320 Browning Summer Research Scholarship March 2014 Magdalene College, University of Cambridge £2,200

COMMITTEES AND BOARDS

Member of the UK Department for Digital, Culture, Media and Sport College of Experts (2022 - ongoing)

Member of the British Academy Public Policy Committee (2021 - ongoing)

Member of the University of Cambridge Open Research Steering Committee (2021 - ongoing)

Chair of the MRC CBU Open Science Committee (2021 - ongoing)

Member of the MRC CBU Unit Management Committee (2021 - ongoing)

Member of the ESRC New and Emerging Forms of Data Leadership Group (2020 - ongoing)

Co-founder and Chair of ReproducibiliTea Journal Club Steering Group (2018 - 2021)

Member of the Oxford Experimental Psychology Open Science Committee (2018 - 2019)

SUPERVISION AND TRAINING RECORD

PhD Students

Elena Zevgolatakou, Advisor, start date 2022

Luisa Fassi, Supervisor, start date 2021

Elena Zevgolatakou, Advisor, start date 2021

Zhaotian Chi, Advisor, start date 2021

Sakshi Ghai, Co-Supervisor/Acting Primary Supervisor, start date 2020

Benjamin Farrar, Co-Supervisor, 2019-2021

Masters Students

Michael Jordan, 2018

Research Assistants

Tom Metherell, 2021

Tara Bhagat, 2021

Augustin Mutak, 2018-2021

M. Hecht, F. Dablander, A. Mutak, J. Krawiec, N. Valkovicova, D. Kosite, Junior Research Project Team Supervisor, 2017-2018

Undergraduate Students

Director of Studies/Moral Tutor in Psychology (Sabbatical Cover), The Queen's College, 2019

Heather Koh, 2018

Thomas Gaisford, 2017

LECTURING

Course Organiser and Lecturer, Robust Behavioural Science; MSc & PhD, 16 hours MRC Cognition and Brain Sciences Unit, Department of Psychology, Department of Psychiatry, University of Cambridge, 2020 - ongoing

Lecturer, Adolescence; 3rd year BA, 1 hour

Department of Psychology, University of Cambridge, 2021 - ongoing

Lecturer, Influence and Persuasion in the Digital Age; 3rd year BA, 2 hours

Department of Psychology, University of Cambridge, 2021

Lecturer, Neuroscience of Emotion and Decision Making; MSc, 1 hour

Department of Psychology, University College London, 2020

SMALL GROUP TEACHING

Introduction to Psychology (11 weeks, Social, Developmental, Perceptual and Cognitive Psychology), 1st year BA Experimental Psychology, University of Oxford, 2017-2019

Introduction to Psychology (4 weeks, Perceptual and Cognitive Psychology), 1st year BA Biomedical Sciences, University of Oxford, 2017-2019

Psychology of Medicine (2 weeks), 2nd year BA Medical Sciences, University of Oxford, 2018-2019

Social Psychology (8 weeks), 2nd year BA Experimental Psychology, University of Oxford, 2018-2019

PUBLICATIONS

* Senior/Last Author

Orben, A., Przybylski, A. K., Blakemore, S.-J. and Kievit, R. A. (in press), Windows of developmental sensitivity to social media. Nature Communications.

Modecki, K., Goldberg, R., Wisniewski, P., **Orben, A.*** (in press), What is digital parenting? A systematic review of past measurement and blueprint for the future. Perspectives on Psychological Science. *Preprint*

Anvari, F., Kievit, R. A., Lakens, D., Przybylski, A. K., Tiokhin, L., Wiernik, B. M., **Orben, A.*** (in press), Evaluating the practical relevance of observed effect sizes in psychological research. Perspectives on Psychological Science. *Preprint*

Ghai, S., Magis-Weinberg, L., Stoilova, M., Livingstone, S., **Orben, A.*** (in press), Social media and adolescent well-being in the Global South. Current Opinion in Psychology.

Kievit, R. A., McCormick, E. M., Fuhrmann, D., Deserno, M. K., **Orben, A.*** (2022), Using large, publicly available datasets to study adolescent development: Opportunities and challenges. Current Opinion in Psychology. *Open-Access Version*

Vuorre, M., **Orben, A.**, Przybylski, A. K. (2021), There is no evidence that associations between adolescents' digital technology engagement and mental health problems have increased. Clinical Psychological Science. *Open-Access Version*

Orben, A. (2021), Digital Diet: A 21st century approach to understanding digital technologies and development. Infant and Child Development. Postprint

Orben, A., Weinstein, N., and Przybylski, A. K. (2020), Only holistic and iterative change will fix digital technology research. Psychological Inquiry. *Open-Access Version*

Orben, A. (2020), The Sisyphean Cycle of Technology Panics. Perspectives on Psychological Science. *Open-Access Version*

Orben, A., Tomova, L., and Blakemore, S.-J. (2020), The effects of social deprivation on adolescent social development and mental health. The Lancet Child and Adolescent Health. *Open-Access Version*

Orben, A. and Lakens, D. (2020), Crud (Re)defined. Advances in Methods and Practices in Psychological Science. *Open-Access Version*

Kaye, L. K., **Orben, A.**, Ellis, D. A., Hunter, S. C., Houghton, S. (2020), The Conceptual and Methodological Mayhem of 'Screen-time'. International Journal of Environmental Research and Public Health. *Open-Access Version*

Orben, A. and Przybylski, A. K. (2020), Reply to: Understanding digital media harm. Nature Human Behaviour. *Open-Access Version*

Orben, A. and Przybylski, A. K. (2020), Teenage sleep and technology engagement across the week. PeerJ. *Open-Access Version*

Orben, A. (2020), Teenagers, Screens and Social Media: A Narrative Review of Reviews and Key Studies. Social Psychiatry and Psychiatric Epidemiology. *Open-Access Version*

Crüwell, S., van Doorn, J., Etz, A., Makel, M.C., Moshontz, H., Niebaum, J., **Orben, A.**, Parsons, S., & Schulte-Mecklenbeck, M. (2019), 7 Easy Steps to Getting into Open Science: An Annotated Reading List. Zeitschrift für Psychologie. *Preprint*

Orben, A. (2019), A journal club to fix science. Nature. Open-Access Version

Przybylski, A. K., **Orben, A.**, Weinstein, N. (2019), How Much Is Too Much? Examining the Relationship Between Digital Screen Engagement and Psychosocial Functioning in a Confirmatory Cohort Study. Journal of the American Academy of Child and Adolescent Psychiatry. *Open-Access Version*

Orben, A., Dienlin, T., Przybylski, A. K. (2019), Reply to Foster and Jackson: Open scientific practices are the way forward for social media effects research. Proceedings of the National Academy of Sciences of the United States of America. *Open-Access Version*

Orben, A., Dienlin, T., Przybylski, A. K. (2019), Social media's enduring effect on adolescent life satisfaction. Proceedings of the National Academy of Sciences of the United States of America. *Open-Access Version, OSF Project*

Orben, A., and Przybylski, A. K. (2019), Teens and Screens: Evidence from two exploratory and one confirmatory experience sampling studies. Psychological Science. *Open-Access Version*, *OSF Project*

Mills, K. L., **Orben**, **A.**, Przybylski, A. K. (2019), The relationship between functional brain organization and self-reported screen media activity in late childhood. Cortex. *Stage 1 Registered Report*

Orben, A., and Przybylski, A. K. (2019), The association between adolescent well-being and digital technology use. Nature Human Behaviour. *Open-Access Version*, *Nature Editorial*, *Blog*

Orben, A., Mutak, A., Dablander, F., Hecht, M., Krawiec, J., Valkovicova, N. & Kosite, D. (2018) Do Feelings of Connection after Facebook use Depend on Previous Usage Intensity? A Protocol. Frontiers in Psychology. *Open-Access Version*

Orben, A. (2018), Cyberpsychology: A Field Lacking Theoretical Foundations. PsyPAG The Quarterly 105. *Open-Access Version*

van Rooij, A. J., Ferguson, C. J., Colder Carras, M., Kardefelt-Winther, D., Shi, J., ... **Orben, A.**, ... & Przybylski, A. K. (2018), A weak scientific basis for gaming disorder: Let us err on the side of caution. Journal of Behavioural Addictions. *Preprint*

Orben, A. and Dunbar R. I. M. (2017), Social Media and Relationship Development: The Effect of Valence and Intimacy of Posts. Computers in Human Behavior 73C. *Open-Access Version*

IN REVIEW AND PREPRINTS

* Last/Senior Author

Orben, A., Lucas, R. K., Fuhrmann, D. and Kievit, R. A., Trajectories of adolescent life satisfaction. *Preprint; In review*

Metherell, T. E., Ghai, S., McCormick, E. M., Ford, T. J., **Orben, A.***, Digital exclusion predicts worse mental health among adolescents during COVID-19. *Preprint; In review*

Ghai, S., Fassi, L., Awadh, F., **Orben, A.***, Lack of sample diversity in research on adolescent depression and social media use: a scoping review and meta-analysis. *Preprint; In review*

Mc Crosky, J. D., Parry, D. A., Sewall, C., **Orben, A.***, Using Browser Data to Understand Desires to Spend Time Online. *Preprint; In review*

Minihan, S., **Orben, A.**, Songco, A., Fox, E., Ladouceur, C. D., Mewton, L., Moulds, M., Pfeifer, J., Van Harmelen, A.-L., Schweizer, S. Social Determinants of Mental Health During a Year of the COVID-19 Pandemic. *Preprint; In review*

Leightley, D., Bye, A., Carter, B., Trevillion, K. Branthonne-Foster, S., Liakata, M., Wood, A., **Orben,** A., Ford, T. J., Dutta, R. Using social media data to study youth mental health with informed consent. *In review*

Nweze, T., **Orben, A.**, Van Harmelen, A.-L., Fuhrmann, D., Kievit, R. A., It doesn't end there: Mental health difficulties across ages 3-14 mediate the long-term association between early-life adversity and poorer cognitive functioning. *Preprint*

INVITED LECTURES

UCL Max Planck Computational Psychiatry Group Offline + Online = Life British Psychological Society Annual Conference (Keynote) Beyond Open: Why Open Science is Not Automatically Good Science University of Bath, PhD Day 2021 (Keynote) University of Bath, PhD Day 2021 (Keynote) Not Just Black and White: Reflections on Teaching Good Scientific Practices British Neuroscience Association 2021: Festival of Neuroscience The Psychology of Technology: Past, Present and Future Facebook Computational Social Science Team A Developmental-Cognitive Perspective on Adolescent Social Media Use University of Cambridge, Neuroscience Interdisciplinary Seminar Series Online The Psychology of Technology: Past, Present and Future The Psychology of Technology: Past, Present and Future University of Glasgow, Department of Psychology Seminar A Developmental-Cognitive Perspective on Adolescent Social Media Use University of Glasgow, Department of Psychology Seminar Approaches to Scientific Error University of Glasgow, Department of Psychology Seminar Approaches to Scientific Error University of Cambridge, CRASSH AI Seminar The Sisyphean Cycle of Technology Panics Scial Media and Mental Health: What do we know? University of Cambridge, CRASSH AI Seminar The Sisyphean Cycle of Technology Panics Stanford University, HCI Seminar A Hitchhiker's Guide to the Multiverse University of Glasgow, ReproducibiliTea Tech and Wellbeing in the Era of Covid-19 Stanford University, Cyber Policy Centre Online Seminar Series Outpaced by Technology The British Academy, London Outpaced by Technology Bordia Use and Life Satisfaction Across the Lifecourse King's College London, Open Research Conference King's College London, Open Research Conference King's College London, Open Research Conference University of Cambridge, Department of Education Online The Psychology of Technology: Past, Present and Future University of Cambridge, Department of Education Online The Psychology and Well-Being in Adolescence during COVID-19	The Mechanisms Linking Adolescent Social Media Use and Mental Health University of California Irvine	February 2022 Online
British Psychological Society Annual Conference (Keynote) Beyond Open: Why Open Science is Not Automatically Good Science University of Bath, PhD Day 2021 (Keynote) Not Just Black and White: Reflections on Teaching Good Scientific Practices British Neuroscience Association 2021: Festival of Neuroscience The Psychology of Technology: Past, Present and Future Facebook Computational Social Science Team A Developmental-Cognitive Perspective on Adolescent Social Media Use University of Cambridge, Neuroscience Interdisciplinary Seminar Series Online The Psychology of Technology: Past, Present and Future The Psychology of Technology: Past, Present and Future University of Glasgow, Department of Psychology Seminar Approaches to Scientific Error Approaches to Scientific Error November 2020 University of Basel, Open Science Seminar Social Media and Mental Health: What do we know? University of Cambridge, CRASSH AI Seminar The Sisyphean Cycle of Technology Panics Stanford University, HCI Seminar A Hitchhiker's Guide to the Multiverse September 2020 University of Glasgow, ReproducibiliTea A Hitchhiker's Guide to the Multiverse University of Glasgow, ReproducibiliTea Outine Tech and Wellbeing in the Era of Covid-19 Stanford University, Cyber Policy Centre Online Seminar Series Online Outpaced by Technology The British Academy, London Outpaced by Technology Max Planck Institute for Human Development, Berlin Outpaced Science Search Practices University of Cambridge, Department of Education Online Outpaced by Technology: Past, Present and Future University of Cambridge, Department of Education Online Online	3	
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Teens, Screen and Quarantines: What Can the Research Tell Us? University of Oxford, Emerging Minds Network UK	April 2020 Online
Using Longitudinal Data to Explore Young People's Social Media University College London, CLOSER Seminar Series	
Goodbye Screentime! It's Time for a Reboot Eastern Regions Workshop 2019 for Educational Psychologists	March 2020 Newmarket, UK (cancelled)
Navigating the Garden of Forking Paths University of Edinburgh, SMRC Seminar Series	March 2020 Edinburgh, UK (cancelled)
The Psychology of Technology: Past, Present and Future University of Glasgow, Psychology Seminar Series	March 2020 Glasgow, UK (cancelled)
Teens, Screens and Well-Being: Where is the Evidence? LSE, Wellbeing Seminar Series	February 2020 London, UK
The Association Between Digital Technology Use and Wellbeing University College London, ReproducibiliTea	December 2019 $London, UK$
Fear the Fork! MRC Cognition and Brain Science Unit, Wednesday Lunchtime Seminar	November 2019 Cambridge, UK
1 Million Correlations: Steps Towards Reproducible Psychologica University of Cambridge, HSPS: Coffee with Scientist Series	_ ·
Reflections on Specification Curve Analysis University of Bristol, MAPS Showcase	September 2019 $Bristol,\ UK$
Déjà Vu? Media Psychology and the Toxic Cycle of Tech Panics Media Psych 2019 (Keynote)	September 2019 Chemnitz, Germany
Public Engagement Cumberland Lodge, Life Beyond the PhD 2019	August 2019 Windsor, UK
Open Science: Personal Experiences PsyPAG, Open Science Webinar	$\begin{array}{c} \text{August 2019} \\ \text{We bin } ar\end{array}$
Rigorous Research using Large Developmental Data University of Oregon, ABCD Workshop	August 2019 Portland, United States
Linking Adolescent Well-Being and Digital Technology Use Digital Health Conference (Keynote)	March 2019 Copenhagen, Denmark
Analytical Flexibility and Open Science Utrecht University PhD Day (Keynote)	March 2019 Utrecht, Netherlands
1 Billion Correlations University College London, Affective Brain Lab Guest Speaker Series	February 2019 London, UK
Reflections on Being an ECR in Open Science BBSRC Reproducibility School	January 2019 Windsor, UK
Mapping Analytical Flexibility as a Tool for Transparent Research University of Bristol, TARG Research Group	h December 2018 $Bristol, UK$
Social Media and Well-Being: Rethinking the Scientific Evidence Social Media Week	October 2018 London, UK
Specification Curve Analysis and the Limits of Pre-Registration Oxford-Berlin Summer School	September 2018 Berlin, Germany
Screens and Teens: What We (Don't) Know OFE Children and Young Peoples Mental Health: Providing Effective Supp	July 2018 port London, UK
ONFERENCE PRESENTATIONS	

Symposium: Do Smartphones Cause Teen Depression? Rigorous Methodologies Show Little Evidence of Harmful Linkages March 2019 International Convention of Psychological Science Paris, France Context, or just Content? How Directedness and Privateness of Social Media Self-Disclosures Affect Liking May 2018 68th Annual International Communications Association Conference Prague, Czech Republic (R)evolutionary? Investigating Offline Theories of Relationship Formation in a Social Media Context September 2017 10th Conference of the Media Psychology Division University of Koblenz-Landau, Germany Facebook or Face-to-Face: What's the Difference? An Investigation of Offline Theories of Relationship Formation in a Social Media Context July 2017 18th General Meeting of the European Association of Social Psychologists Granada, Spain The Facebook (R)evolution: Gossip, Passive Consumption and Social Media June 2017 Wolverhampton, UK CyberPsychology, CyberTherapy and Social Networking Conference Facebook Stalking: A New Norm Demanding New Theories May 2017 BPS Annual Conference Brighton, UK From Facebook to Friendship? July 2016 PsyPAG Annual Conference York. UK From Facebook to Friendship: Intensity of Facebook use Predicts Relationship Development After Reading Social Media Self-Disclosures May 2016 BPS West Midlands Conference Coventry, UK

WORKSHOPS

Orben, A., Good Enough Practices in Scientific Computing, MRC CBU Computing Training Lectures, Cambridge, UK, October 2020

Orben, A., Specification Curve Analysis Breakout Session, ABCD Workshop, Portland, United States, August 2019

Orben, A., Anvari, F., Isager, P., Singleton Thorn, F., *Hackathon: Helping Researchers Identify Their Smallest Effect of Interest*, Society for the Improvement of Psychological Science, Rotterdam, Netherlands, July 2019

Orben, A., Error Detection Techniques, Utrecht University PhD Day, Utrecht, Netherlands, April 2019 Orben, A., Thompson, J. Statistics Refresher, Oxford-Berlin Summer School, Berlin, Germany, September 2018.

EVIDENCE FOR POLICY AND TRANSLATION

Oral Evidence

Bavarian State Government Select Committee, November 2020, Online

United Nations AI for Good Summit, May 2019, Geneva, Switzerland

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National Television: BBC2 Newsnight, BBC News, BBC2 Victoria Derbyshire, Sky News

International Radio: Radio New Zealand, BBC World Service: The Real Story, BBC World Service: Tech Tent, KQED, NPR, WGBH Boston, WCAI Cape Cod

International Television: BBC World TV, AlJazeera English: Inside Story

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National: The Times (front page), Financial Times (front page), The Guardian and Observer (personal feature), BBC News, The Independent, Evening Standard, Daily Mail

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