

# AMY ORBEN

@OrbenAmy ◇ amy.orben@psy.ox.ac.uk

Department of Experimental Psychology, University of Oxford ◇ Oxford, OX2 6HH

St. Hilda's College, University of Oxford ◇ Oxford, OX4 1DY

## EDUCATION

---

### University of Oxford

St. Hilda's College

DPhil Experimental Psychology

Supervisor: Professor Robin Dunbar and Professor Dorothy Bishop

*September 2019*

ERC/EC Grant Funding

### University of Cambridge

Magdalene College

M.A. (Hons) Natural Sciences

Part II Experimental Psychology

Part Ib Neuroscience, Physiology, Experimental Psychology

Part Ia Physics, Mathematics, Biology of Cells, Physiology

*June 2015*

Double First Class

College Scholarship

## ACADEMIC POSITIONS

---

### Emmanuel College, University of Cambridge

*College Research Fellow*

October 2019 - September 2022

*Cambridge, UK*

### MRC Cognition and Brain Sciences Unit

*Research Fellow*

October 2019 - September 2022

*Cambridge, UK*

### The Queen's College, University of Oxford

*Stipendiary College Lecturer in Psychology*

January 2017 - October 2019

*Oxford, UK*

### The Queen's College, University of Oxford

*Non-Stipendiary College Lecturer in Psychology*

October 2016 - January 2017

*Oxford, UK*

## VISITING POSITIONS

---

### Eindhoven University of Technology

*Daniël Laken's Research Group*

March - April 2019

*Eindhoven, Netherlands*

### Knowledge Media Research Center, University of Tübingen

*Sonia Utz's Research Group*

March - September 2017

*Tübingen, Germany*

## PUBLICATIONS

---

Przybylski, A. K., **Orben, A.**, Weinstein, N. (in press) How much screen time is too much? Examining the relationship between digital screen engagement and psychosocial functioning in a representative cohort study. *Journal of the American Academy of Child and Adolescent Psychiatry*

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

**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*.

**Orben, A.**, Dienlin, T., Przybylski, A. K. (2019) Probing the Longitudinal Effects of Social Media Use on Adolescent Well-being. *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

---

**Orben, A.** and Lakens, D., Crud (Re)defined. *Preprint*

**Orben, A.** and Przybylski, A. K., Teenage sleep and technology engagement across the week. *Preprint coming soon*

**Orben, A.**, ReproducibiliTea: Empowering Early-Career Researchers. (invited opinion piece in *Nature*)

**Orben, A.**, Digital Technology Use and Adolescent Well-Being: A Review of Reviews. (invited review in *Social Psychiatry and Psychiatric Epidemiology*)

## MAJOR GRANTS

---

<b>Emmanuel College Research Fellowship</b> <i>Emmanuel College, University of Cambridge</i>	<i>October 2019 - September 2022</i> £101,211 (PI)
---	---

<b>Barnardo's Research Grant</b> <i>Barnardo's UK</i>	<i>January 2019 - January 2020</i> £59,993 (Co-PI)
--	---

<b>SRCD Young Scholar Exchange and Research Collaboration Grant</b> <i>Society for Research in Child Development</i>	<i>June 2018 - June 2020</i> \$15,000 (Co-PI)
---	--

<b>DPhil Studentship</b> <i>ERC and EC Horizon 2020 Grant awarded to Robin Dunbar</i>	<i>October 2015 - October 2018</i> £39,000
--	---

## MINOR GRANTS

---

<b>St. Hildas Travel Grant</b> <i>St. Hildas College, University of Oxford</i>	<i>May 2019</i> £304
<b>UKRN Grant to ReproducibiliTea</b> <i>UK Reproducibility Network</i>	<i>January 2019</i> £5,000
<b>Postgraduate Study Visit Scheme</b> <i>British Psychological Society</i>	<i>August 2018</i> £800
<b>Postgraduate Member Travel Grant</b> <i>European Association of Social Psychology</i>	<i>June 2018</i> £1,000
<b>Jakobs Foundation Workshop Travel Funding</b> <i>SRCD-Jacob's Foundation</i>	<i>May 2018</i> £1,500
<b>Volkswagen Foundation Conference Bursary</b> <i>Computational Communication Science Conference</i>	<i>December 2017</i> £400
<b>PsyPAG Study Visit Bursary</b> <i>Psychology Postgraduate Affairs Group</i>	<i>September 2017</i> £200
<b>Santander Academic Travel Award 2017</b> <i>Santander and the University of Oxford</i>	<i>June 2017</i> £363
<b>Postgraduate Travel Bursary</b> <i>British Psychological Society, West Midlands Branch</i>	<i>March 2017</i> £100
<b>St. Hildas Travel Grant</b> <i>St. Hildas College, University of Oxford</i>	<i>February 2017</i> £1,000
<b>Postgraduate Bursary for Annual Conference</b> <i>British Psychological Society</i>	<i>February 2017</i> £145
<b>UK Bursary Award PsyPAG Conference 2016</b> <i>Psychology Postgraduate Affairs Group</i>	<i>November 2016</i> £100
<b>Muriel Wise Fund</b> <i>St. Hildas College, University of Oxford</i>	<i>October 2016</i> £320
<b>Browning Summer Research Scholarship</b> <i>Magdalene College, University of Cambridge</i>	<i>March 2014</i> £2,200

## AWARDS AND HONOURS

---

<b>Understanding Society Young Researcher Prize</b> <i>Understanding Society, University of Essex</i>	<i>July 2019</i>
<b>Nomination for the 'Best Tutor' prize</b> <i>Oxford Student Union's Annual Teaching Awards, University of Oxford</i>	<i>May 2019</i>
<b>Delegate of Ditchley Foundation Conferences</b> <i>The Ditchley Foundation</i>	<i>August 2018 - January 2019</i>
<b>Techwomen50 Award</b> <i>We Are The City, London</i>	<i>January 2018</i>

<b>Prize for Best Talk, St. Hildas MCR Research Symposium</b> <i>St. Hildas College, University of Oxford</i>	<i>March 2017</i>
<b>Winner of the Oxford Social Innovation Case Competition</b> <i>Saïd Business School, University of Oxford</i>	<i>April 2016</i>
<b>Leading for Impact Fellow</b> <i>Saïd Business School, University of Oxford</i>	<i>November 2015 - August 2016</i>
<b>Magdalene College Scholarship</b> <i>Magdalene College, University of Cambridge</i>	<i>June 2015</i>
<b>Magdalene College Prize for Natural Sciences</b> <i>Magdalene College, University of Cambridge</i>	<i>June 2015</i>
<b>Bundy Scholarship</b> <i>Magdalene College, University of Cambridge</i>	<i>June 2015</i>
<b>Magdalene College Scholarship</b> <i>Magdalene College, University of Cambridge</i>	<i>June 2014</i>
<b>Magdalene College Prize for Natural Sciences</b> <i>Magdalene College, University of Cambridge</i>	<i>June 2014</i>

## INVITED LECTURES

---

<b>Deja vu? Media psychology and the toxic cycle of tech panics</b> <i>Media Psych 2019 (Keynote)</i>	<i>September 2019</i> <i>Chemnitz, Germany</i>
<b>Linking adolescent well-being and digital technology use</b> <i>Digital Health Conference (Keynote)</i>	<i>March 2019</i> <i>Copenhagen, Denmark</i>
<b>Analytical Flexibility and Open Science</b> <i>Utrecht University PhD Day (Keynote)</i>	<i>March 2019</i> <i>Utrecht, Netherlands</i>
<b>1 billion correlations</b> <i>UCL Affective Brain Lab Guest Speaker Series</i>	<i>February 2019</i> <i>London, UK</i>
<b>Reflections on being an ECR in Open Science</b> <i>BBSRC Reproducibility School</i>	<i>January 2019</i> <i>Windsor, UK</i>
<b>Mapping Analytical Flexibility as a Tool for transparent Research</b> <i>Bristol TARG Research Group</i>	<i>December 2018</i> <i>Bristol, UK</i>
<b>Social Media and Well-Being: Rethinking the Scientific Evidence</b> <i>Social Media Week</i>	<i>October 2018</i> <i>London, UK</i>
<b>Specification Curve Analysis and the Limits of Pre-Registration</b> <i>Oxford-Berlin Summer School</i>	<i>September 2018</i> <i>Berlin, Germany</i>
<b>Screens and Teens: What we (don't) know</b> <i>OFE Children and Young Peoples Mental Health: Providing Effective Support</i>	<i>July 2018</i> <i>London, UK</i>

## CONFERENCE PRESENTATIONS

---

<b>Social Media's Enduring Effect on Adolescent Life Satisfaction</b> <i>Understanding Society Scientific Conference</i>	<i>July 2019</i> <i>Essex, UK</i>
---	--------------------------------------

**Symposium: Do Smartphones Cause Teen Depression? Rigorous Methodologies Show Little Evidence of Harmful Linkages**

*International Convention of Psychological Science*

March 2019

*Paris, France*

**Context, or just Content? How Directedness and Privateness of Social Media Self-Disclosures Affect Liking**

*68th Annual International Communications Association Conference*

May 2018

*Prague, Czech Republic*

**(R)evolutionary? Investigating offline theories of relationship formation in a social media context**

*10th Conference of the Media Psychology Division*

September 2017

*University of Koblenz-Landau, Germany*

**Facebook or Face-to-Face: Whats the Difference? An investigation of offline theories of relationship formation in a social media context**

*18th General Meeting of the European Association of Social Psychologists*

July 2017

*Granada, Spain*

**The Facebook (R)evolution: Gossip, Passive Consumption and Social Media**

*CyberPsychology, CyberTherapy and Social Networking Conference*

June 2017

*Wolverhampton, UK*

**Facebook Stalking: A new norm demanding new theories**

*BPS Annual Conference*

May 2017

*Brighton, UK*

**From Facebook to Friendship?**

*PsyPAG Annual Conference*

July 2016

*York, UK*

**From Facebook to Friendship: Intensity of Facebook use predicts relationship development after reading social media self-disclosures**

*BPS West Midlands Conference*

May 2016

*Coventry, UK*

## EVIDENCE FOR POLICY

---

**Oral Presentation:** United Nations AI for Good Summit, May 2019, Geneva, Switzerland.

**Written Evidence:** Chief Medical Officer Dame Sally Davis, January 2019, co-authored with Przybylski, A.

**Written Evidence:** Parliamentary Inquiry about Immersive and Addictive Technologies, Commons Digital, Culture, Media and Sport Select Committee, January 2019, co-authored with Przybylski, A., Etchells, P., and Weinstein, N. *Open-Access Version*

**Oral Evidence:** Parliamentary Inquiry about Social Media Use, Commons Science and Technology Select Committee, London, UK, May 2018. *Open-Access Version, Video, Final Report*

**Written Evidence:** Parliamentary Inquiry about Social Media Use, Commons Science and Technology Select Committee, January 2018, co-authored with Przybylski, A. and Weinstein, N. *Open-Access Version*

## TEACHING ACCREDITATION

---

SEDA Supporting Learning Accreditation (2018)

## WORKSHOPS

---

**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. *Slides: [osf.io/skvqh/](https://osf.io/skvqh/)*

## **SUPERVISION**

---

Masters Student Dissertation in Psychology (2018, M Jordan)

Research Internship (2018, A Mutak)

Honours Student Dissertation in Psychology (2018, H Koh)

Honours Student Dissertation in Human Sciences (2017, T Gaisford)

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

## **TUTORIAL TEACHING**

---

Nomination in the "*Best Tutor*" category at the Oxford Student Union's Annual Teaching Awards 2019

*Introduction to Psychology* (11 weeks, Social, Developmental, Perceptual and Cognitive Psychology), 1st year Experimental Psychology and Psychology, Philosophy and Linguistics

*Introduction to Psychology* (4 weeks, Perceptual and Cognitive Psychology), 1st year Biomedical Sciences

*Psychology of Medicine* (2 weeks), 2nd year Medical Sciences

*Social Psychology* (8 weeks), 2nd year Experimental Psychology and Psychology, Philosophy and Linguistics

## **DEPARTMENTAL AND COLLEGE ADMINISTRATION**

---

Moral Tutor in Psychology, The Queen's College, Oxford (sabbatical cover: responsible for academic and pastoral support of 12 Queen's College Psychology students), January - April 2019

Graduate Representative, Oxford Experimental Psychology Open Science Committee, 2018 - 2019

Co-creator and co-convenor of ReproducibiliTea Journal Club, University of Oxford, 2018 - 2019

Stipendiary College Lecturer, The Queen's College, Oxford, January 2017 - October 2019

Organising and conducting undergraduate interviews, The Queen's College, Oxford, 2016 - 2018

## **PROFESSIONAL ACTIVITIES**

---

Co-creator and co-lead of UK Reproducibility Network supported ReproducibiliTea Journal Club Initiative. *OSF: [osf.io/3qrj6/](https://osf.io/3qrj6/)*

Co-creator and host of ReproducibiliTea Podcast. *Link: Recordings*

## RADIO AND TELEVISION (SELECTION)

---

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

**National Radio:** BBC Radio 4 Today Programme, BBC Radio 4 Woman's Hour, BBC Radio 4 More or Less, BBC Radio 4 Analysis, BBC Radio 5, BBC Radio 2 Jeremy Vine, BBC local radio stations, talkRadio

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

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

## NEWSPAPERS AND WEBSITES (SELECTION)

---

**National:** The Times (front page), The Guardian, BBC News, The Independent, Evening Standard

**International:** Scientific American, New Scientist, The Wall Street Journal, Wired, Forbes, TechCrunch, BuzzFeed, The Conversation, ABC News, Business Insider, Sueddeutsche Zeitung, Newsweek, The Verge, Mashable

## WRITING FOR GENERAL INTEREST

---

*Beyond Cherry Picking.* Nature: Behavioural and Social Sciences, 9th August 2018

*Three problems with the debate around screen time.* The Guardian, 9th August 2018

*Why Hunt's screen time limits for kids are scientific nonsense.* The Guardian, 23rd April 2018

*The trouble knowing how much screen time is too much* BBC News, 23rd February 2018

*Gaming addiction as a mental disorder: its premature to pathologise players.* The Conversation, 13th February 2018

*The Need for Nuance in the Tech Use Debate.* Behavioural Scientist, 1st January 2018

*Social Media and Suicide: A Critical Appraisal.* Medium, 14th November 2017

*iGen: Is it science or is it advertisement?* The Psychologist, November 2017

*Chasing social media shares harms public trust in science - so stop it.* The Guardian, 28th June 2017

*Social media is nothing like drugs, despite all the horror stories.* The Conversation, 18th June 2017

*Two Peas in an (Evolutionary) Pod? Facebook and Face- to-Face.* Medium, 20th April 2017

## TALKS FOR GENERAL OR POLICY INTEREST

---

*Screen Time and Teen Outcomes: Things Missed,* Ofcom Making Sense of Media, London, UK, July 2019.

*Authenticity, self and social media in modern politics: how to discuss facts in a politics dominated by personality? Discussion between Dominic Grieve MP and Amy Orben*, Ditchley Foundation Festival of Ideas, Chipping Norton, UK, July 2019.

*Teens, Screens and Sketchy Data*, Oxford Geek Night, Oxford, UK, May 2019.

*Teens and Screens: What does the research tell us?*, The Adam Smith Institute, London, UK, May 2019.

*Mental Health and Contemporary Society - Exploring Prevention and Public Goods* (presiding chair), Ditchley Foundation, London, UK, November 2018.

*Social Media and Well-Being: a Scientists Perspective*, Barnardos Executive Away Day, London, UK, May 2018.

*Discussion Round: Social Media, Evolution and Wellbeing*, Zinc VC, London, UK, November 2017.

*I Facebook, Therefore I Am*, OxFEST Exciting Women in Science Speaker Series, University of Oxford, Oxford, UK, March 2017.

*Psychology at University*, IB Psychology Invited Speaker, Frankfurt International School, Oberursel, Germany, March 2017.

*Post-Friendship in the Time of Post-Truth?*, St. Hildas MCR Research Symposium, Oxford, UK, March 2017.

*If Facebook be the food of friendship, play on.* Bryant Society Lecture, St. Johns College, Oxford, UK, February 2017.

*If Facebook be the food of friendship, play on.* Psychologist in the Pub Talk, British Psychological Society West Midlands Branch, Oxford, UK, February 2017.

*How does Social Media affect your Friendships?*, Oxford University Psychology Society Lecture, University of Oxford, Oxford, UK, October 2016.

*The Evolutionary Limitations to Social Innovation.* Leading for Impact Retreat Lecture, Somerset, UK, May 2016.

*The Psychology of Facebook.* Oxford Splash, Oxford, UK, February 2016.

## RESEARCH INTERESTS

---

<b>Digital Tech</b>	Effects of technology and social media use on adolescents
<b>Well-Being</b>	Determinants and risk factors of adolescent mental health and well-being
<b>Open Science</b>	Large-scale datasets, effect sizes, transparency and open science

## STATISTICS AND CODING

---

<b>Statistical Software</b>	R, RStudio (advanced), SPSS (intermediate), MPlus (beginner)
<b>Statistical Procedures</b>	SCA (advanced), Longitudinal and Networks Modelling (intermediate)
<b>Tools</b>	Shell scripts, High-performance cluster use

## PROFESSIONAL AFFILIATIONS

---

European Association of Social Psychology (EASP)

Association for Psychological Science (APA)



British Psychological Society (BPS)

Society for the Improvement of Psychological Science (SIPS)