Your Publisher's Report 2020

American Counseling Association

The Career Development Quarterly

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Your Publisher's Report 2020

In the last 12 months, you did some amazing things. You kept your organization going strong through huge changes. You helped members of your community come together when connection was most needed. And when it mattered most, you brought about new discoveries by helping researchers share their work with the world.

The development of a COVID vaccine within 12 months is a triumph which highlights the central contributions of science to the welfare of mankind.

The scholarly publishing industry was already in the middle of big changes before the coronavirus pandemic added new pressures. The demand for open access is growing, as more funders develop open access publishing mandates. Library budgets have been challenged for years, and now many librarians are facing even tighter budgets.

Meanwhile, researchers added homeschooling and other caregiving roles to the professional work already competing for their attention.

Around the world - and in the United States especially - 2020 also sparked long-overdue conversations about systemic biases against people and communities on the basis of race, gender, disability, and other facets of identity.

That means there are some important opportunities to make publishing itself work better, for everyone.

Already in this past year, we've developed technological and workflow solutions to publish research up to 14 days faster. Editors who refer manuscripts are helping papers find the right journal more quickly. Our new smart submission platform is making life easier for authors. And those are just a few of the ways we can save precious time for researchers.

Along with other publishers, we're also tackling systemic biases to make research publishing more equitable. From growing diversity on editorial boards to capturing demographic data, we now have a core group dedicated to embedding more inclusive practices into how we work. You'll hear from us as we learn along the way, because together, we can have an even bigger impact.

Last but not least, 2021 marks Wiley's 10th year of Gold open access publishing. So, it feels especially fitting that we also acquired major open access publisher Hindawi early this year. Our new combined strength includes some of the world's best thinking on open access strategy and the opportunity for us and our partners to reach deeper into the global research communities we serve.

It's likely that we'll continue to experience unexpected change – maybe not on the scale of 2020, but still significant – into 2021 and beyond. The work that we're doing together now will help you adapt to the unexpected, whatever the future might bring.

As we look back on this last historic year, we feel exceptionally grateful to have you alongside us as our partner. Societies support the journey of discovery, and that work moves our world forward.

Thank you for all that you do. We can't wait to see what we'll achieve together in 2021!

With all best wishes,

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Context: Partnering for success

We're committed to providing you with the very best partnership in the industry. That commitment guides our behaviours and our strategies, and we believe it's one of the reasons our partners choose to remain with Wiley for years, and in some cases decades.

In 2020, 25 new society journals joined the Wiley publishing family, and we launched 12 new journals in collaboration with partners.

Positioning your journal and society for a successful future

We're committed to working with you collaboratively and proactively to support your ambitions and secure your success. With the fast pace of change in scholarly publishing it's crucial to use a wide range of different analytic tools to make data-driven decisions about development to address the needs of your community. The strategic plans we've worked on together focus on these goals:

- Publish more
- Be more efficient
- Diversify
- Embrace open research

You'll find more detail on page 10.

Tracking progress against your goals

<u>Wiley Journal Insights</u> (WJI) gives you access to your journal data whenever you need it. You can explore the detail behind the metrics in this report, including top-cited authors, most-read articles by region and submissions by country.

New in 2020, you can see progress against your targets for open access articles, submissions, referrals and turnaround times. If you'd like help with accessing WJI or adding targets, your Journal Manager will be able to help.

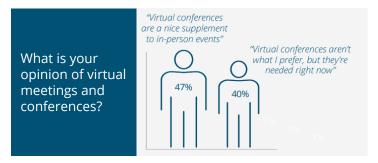
Learning, networking, and connecting at events

We continued learning together, despite the challenges, finding new ways to succeed. We welcomed over 600 society leaders to <u>Wiley Society Executive Seminars</u> hosted entirely virtually. You may also have seen us at the <u>AAAS Annual Meeting</u>, at the <u>Society Street</u> Virtual 2020 Conference, or at OASPA 2020.

Open data and virtual events - what members say

Our annual **Wiley Member Survey** is the most comprehensive in the industry. We've surveyed over 50,000 current, former, and potential members over 6 years. This year we had responses from 146 countries across 45 subject areas - wider representation than ever before.

The survey tells us open research and open data are becoming more important. Interestingly, 51% say that open data is 'more' or 'much more' important to them now than it was 12 months ago, but almost half don't know whether their society supports open data or not. See more on page 4.



Members are used to connecting with society publications online. But how can you deliver the right value virtually when it comes to conferences and career development? Virtual conferences aren't seen as a replacement for in-person contact but members like the fact they're more inclusive.

In our whitepaper <u>Keeping Your Members Engaged in a Virtual World</u> we share insights on how to make virtual events work for you and your members. See also <u>Will Your 2021 Conference Be Virtual?</u>

Understanding your whole membership base

Understanding the differences between the needs of academic and practitioner members will help you better serve your whole community. <u>How to Delight Your Practitioner Members</u> gives highlights of our **second survey of practitioner and professional members**.

The survey points to lots of crossover, but also some key differences. Also see <u>Opportunities for open access: Insights from the Wiley Practitioner Survey</u>, published in <u>Learned Publishing</u>.

You'll find trends and insights from all our member surveys at <u>Wiley Society Member Resources</u>, along with practical advice on how to engage and build your membership, and templates and step-by-step guides on marketing to members. So that it's easy to find everything you'll need, we've also curated a selection of recent blogs <u>here</u>.

Keeping up with changes in the industry

The academic world and publishing are changing faster than ever, and you can rely on us to keep you up-to-date in whatever ways work best for you:



<u>Wiley Society Newsletter</u> - Look in your inbox for our monthly partner publication featuring news, case studies, and exclusive insights on engaging members. If you haven't received the newsletter, <u>subscribe here</u>.



<u>Wiley Society Executive Seminars</u> - Join experienced leaders from across the scholarly community at our live events to network, learn about publishing trends, and get inspired.



<u>Special Issue podcast</u> - Listen in to lively conversations on research publishing. Recent episodes explored whether open access means equal access, and the role of preprints in the pandemic.



<u>The Wiley Network: For Societies</u> - Explore our resource hub to find ideas and answers to your questions on engaging members, improving research impact, and publishing strategy.



Join us on Twitter by following <u>@wileyinresearch</u> or connect on Facebook or LinkedIn.



Context: Increasing your impact with open research

When we're all focused on helping researchers share their best work with more people, everyone benefits.

The open research movement is gaining momentum across the world. The pandemic has expedited the opening up of the discovery process to the world and we continue to advocate for the new future.

In 2020, across Gold OA and hybrid journals, we published nearly twice as many articles open access as in 2019.

During 2020, we expanded a range of new initiatives that will help you engage with the transition to openness and take full advantage of the opportunities to expand your audience and boost impact. We highlight some of those here.

Open access: Helping researchers share their work with the world

In 2021 we'll be celebrating ten years since we launched **our Gold open access** program with two new journals in the life and biomedical sciences. By 2020, the portfolio had grown to 232 titles.

13 Gold open access journals received their first Impact Factor last year, taking the total to 83.



*Brave New World Study global survey of10,000+ researchers, Nov-Dec 2020, led by Kudos, CACTUS, Royal Society of Chemistry, STM and Wiley

Authors make more impact when they publish OA

In a comprehensive new study, we analysed 203,000 articles over a 4-year period and 459,000 articles over a 2-year period to look at the effect of publishing open access on readership, citations, and Altmetric attention scores.

The advantages are clear. Articles published open access have higher readership, are cited more often, and attract more media attention than articles published behind a paywall.

Across the Wiley program, articles published open access are on average downloaded more than three times more, cited 1.7 times more and attract more than five times more attention than articles that are not. Look out for detail on the findings soon.

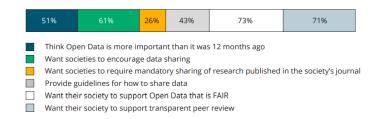
Open data: Encouraging sharing and reproducibility

We're committed to facilitating faster and more effective research discovery by enabling the reproducibility and verification of data, methodology and reporting standards.

Our **open data strategy** recommends adopting 'expects data sharing' as journal policy, where a **data availability statement** is included with the article, explaining where and how people can access the data or explaining why it isn't sharable. 25% of articles published in a Wiley journal now have a data availability statement, up from 8% in 2019.

Our Member Survey confirmed changing attitudes to open data.

Support for open data



Open practices: Developing greater transparency

In 2020 68 journals took part in our **transparent peer review pilot** in collaboration with Publons and ScholarOne. 86% of authors chose TPR for their article. Read what we've learned here.

In November 2019 we launched a pilot for our new preprint service, <u>Under Review</u> on the Authorea platform. By the end of 2020, 37 journals were participating and around 5,000 preprints had been posted.

Our June webinar <u>Preprints, Publishing, And A Pandemic: An Evolving Story</u>, part of the Wiley Society Executive Virtual Seminar Series, answers questions from society partners on all aspects of preprints.

The need for rapid dissemination of research related to the pandemic resulted in 610 preprints being posted in just three months. At the beginning of May, preprints represented more than a quarter of COVID-related output.

Open collaboration: Helping researchers work together

Researchers want to collaborate easily with their co-authors, pull citations, upload data, and submit to preprint services and journals, then easily share their work once it's published.

<u>Authorea</u> helps authors collaborate in real time with an unlimited number of colleagues in public or private groups.

Wiley Content Sharing enables authors to share the full text of their published article with other authorized users. Authors can do this during the authoring process via Author Services and via the article page on Wiley Online Library. There were more than 215,000 downloads of shared articles in 2020.

Open recognition and reward: Making sure researchers get credit for their work

- Publons connects researchers to their peer reviews, which can be used for grant and work applications, and added to an ORCID profile alongside authored papers. At the end of 2020 over 1.7 million reviews for over 1,100 Wiley journals have now been recorded by Publons, for more than 300,000 reviewers.
- <u>CRediT</u> recognizes the role each person plays in the creation of a scholarly output. Since we launched this in January 2020, 172 Wiley journals have started using CRediT, with the highest uptake in life sciences and medicine.
- Developed by the <u>Center for Open Science</u>, <u>Open Science</u>
 <u>Badges</u> incentivize researchers to highlight shared data and
 materials, and signal to readers that more information is
 available. See <u>here</u> for an example article.

Context: Achieving the highest quality publishing process

Our world is changing faster than ever.

As pressures in the publishing ecosystem increase, we're accelerating our ability to solve for them.

A high-quality publishing program needs to deliver a world-class experience for authors, which frees up time for them to focus on conducting research and sharing their work, and maximizes time for editors to develop the quality and integrity of the content.

Making publishing work better, for everyone

- We expanded HTML-based online proofing, and with it a new, 'Lean' workflow, offering it to more journals more quickly to reduce the need for manual intervention and mitigate some of the pressures put on the process by the pandemic. 85% of authors are satisfied or very satisfied with the system and 88% agree it's easy to use.
- These changes have enabled significant reductions in turnaround times at multiple stages. On many titles, average time to despatch proofs decreased by 4 days, author proofing time by 7 days, and time to implement corrections by 3 days.
- Contemporary journal design In 2020 we released the latest version, currently being used by over half of Wiley journals. It offers a range of style choices so journals can deliver content in a format that meets the needs of the subject community. Most importantly the design is 'future-ready' - optimized to take advantage of innovations that will enrich content, reduce errors, and improve publication speed further.

Simplifying the submission process

In 2020 we extended **Research Exchange (ReX)** our new smart, simple submission platform to 45 journals. A further cohort is getting ready to go live in 2021. Powered by machine learning, ReX reads the author's manuscript and auto-populates fields with information for the author to verify.

It's better for authors, and it's better for the journal - simpler submission makes the journal more attractive to authors looking for the right outlet to publish their work. Read more here: Introducing Research Exchange (ReX).



Research suggests that authors waste 52 hours annually formatting manuscripts - particularly frustrating if they need to submit to multiple journals. At the end of 2019 we launched **freeformat submission** which means authors only need to follow formatting requirements for their specific journal at the revision stage. We've had overwhelmingly positive feedback from the 200 journals now offering free-format.

Transfer networks – helping more papers find the right journal

A growing number of <u>publishing transfer networks</u> help authors find the right home for their work, and as reviews travel with the paper, networks also save time for peer reviewers. Our <u>Transfer Desk Assistant</u> (TDA) tool is another powerful way to reduce the time it takes authors to find the right journal. It's a key tool in growing submissions and it can help to improve the overall experience for the author. If you'd like to adopt TDA for your journal, talk to your Journal Manager.

An expanded range of services for authors

<u>Wiley Editing Services</u> offer authors a range of services that help them to prepare their article for submission and promote it postpublication. New in 2020 were infographics, graphical abstracts, and lay summary writing. In April we offered authors working on articles related to COVID-19 free language editing and help with lay summaries to help get research into the right hands quickly.

Supporting editors and peer reviewers

Last year we expanded our program of support for editors through our <u>Wiley Editor Seminar</u> webinar series and the newsletter **Editor Connection**. We published even more articles on <u>The Wiley Network: For Editors</u> on some of the most important issues for editors currently, including <u>plagiarism</u>, <u>paper mills</u>, <u>transfers and referrals</u>, <u>transitional agreements</u>, <u>helping early career researchers</u>, and fostering academic kindness in peer-review.

The 'Making Peer Review Better' initiative is now in its third year. 200 journals have completed the better peer review self-assessment and are adopting new practices to ensure the highest standards of quality, integrity and transparency. The theme of 2020's Peer Review Week was 'Trust'. We were pleased to partner with Sense about Science to explore the theme Trust in Peer Review: What it Means and Why it Matters.

Showcasing your research on Wiley Online Library

In 2020 we continued to develop Wiley Online Library to make sure it remains the market-leader in research communication, helping researchers the world over read and cite the best research available. A key priority was putting in place remote access options to make sure everyone could access what they needed from wherever they were. Also new in 2020:

- Video abstracts, video bytes, and audio clips can now appear within the article itself.
- Users can use the same sign-in credentials across all enabled publisher platforms via SeamlessAccess.
- We introduced **eReader** in place of ReadCube to offer an enhanced PDF reading experience.
- Library customers now have 'KBART' reports which display custom lists of their titles, simplify workflows and make it easier for readers to discover content.



Context: Maximum global reach for high readership

Our sales strategy is designed to deliver wide reach, sustainable revenue streams, and the greatest possible audience in the best institutions so your journal can achieve the high impact and high profile it deserves.

A team combining the expertise of colleagues across sales, marketing, government affairs, technology, analytics, and publishing work together to ensure maximum discoverability for your journal so that readers and researchers can find and access your research wherever they are.

Driving readership through global reach and discoverability

In 2020, readership of articles on Wiley Online Library increased by **20%**, following an increase of **35%** in 2019, and **9%** in 2018. Articles were downloaded **637 million** times in 2020, in more than **17,000** institutions in more than **245 countries** and territories.

At the beginning of the global lockdown period readership declined sharply. In the week of March 16, usage was down 14% year on year, due in large part to challenges with access as much of the global community moved out of their academic or corporate settings to work from home. We worked quickly with our library partners to expand remote access via VPN or proxy server, extended IP range, or Shibboleth/OpenAthens log-in. From April usage picked up overall – with solid year-on-year increases in most countries each month.

Keeping close to customers

We kept in constant contact with our library customers. We responded to market concerns by keeping subscription and license prices flat for 2021 – even for customers with multi-year agreements with built-in pricing increases. The move was well received. In the independent 'Brave New World' study which looked at impacts of COVID-19 on the research ecosystem, 49% felt it was a positive factor in their wider budget decisions, and 33% said it enabled them to renew without further negotiation.

Our sales teams started the renewal process two months earlier than usual, and we helped them to adapt to virtual selling with new training and resources.

Maximizing your reach with the 'All Journals' license

In 2020, just under 3,000 institutions, buying as part of 58 consortia in 38 countries, offered access to journals under the Wiley 'All Journals' License. Customers in **Japan**, **Canada**, **France**, **Italy a**nd the **US** converted to this new license in 2020.

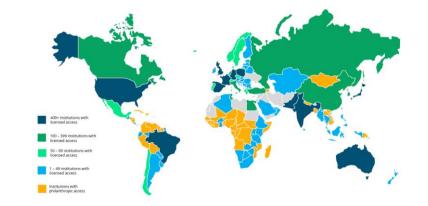
Opening up new audiences globally

The scale of our sales team means that for many years we've played a pioneering role in partnering with consortia and governments to design new licenses that meet their strategic ambitions.

We see the power of our work in our results. In 2020 we signed new subscription licenses and extended existing ones in markets as diverse as **India**, **Poland**, **Ghana**, **Pakistan** and **Croatia**.

In March we renewed our license with NKRC in **India**. The consortium has 63 research institutions accounting for 20% of all output in India. Over the eight years of the license readership has increased significantly – a positive influence on the renewal. Up 11% from 2018 to 2019, and 37% from 2019 to 2020.

Wide access to journals worldwide via Wiley licenses Click here to see the full-size version.



- In **Poland** we renewed the license covering all academic and research institutions. 512 member institutions offer access. Readership continues to grow - up 27% in 2020.
- Our license with CARLIGH in **Ghana** grew and opened up access in a further 12 sites. 47 now have access.
- A further 63 institutions joined the **Pakistan** agreement. Readership has grown by 43% since 2018.
- In Croatia, we signed a new deal for 36 top universities and the best research institutes. We've run workshops for of authors and sessions on how to get the best out of Wiley content.

Access for everyone via philanthropic initiatives

Researchers in more countries than ever before were able to access research via philanthropic initiatives when **Colombia**, **Cuba**, **Peru** and **Venezuela** joined the Research4Life/INASP program.

Close to 7,000 institutions in 87 countries had philanthropic access to 1,303 Wiley journals in 2020 – 13% more institutions than in 2019. These initiatives open up access to research in developing countries where it's needed most. Further institutions in **Ecuador**, **Nepal** and **Bangladesh** also got access via these programs for the first time last year.

GetFTR - enabling easier access to research

We want to make it as easy as possible for researchers to access the research their institution offers, however they usually search for content.

We're proud to be working with four other leading publishers on a pilot for GetFTR – a free service which integrates with scholarly discovery platforms to provide direct, authenticated links to the most up-to-date and best version of an article. It's being trialled on a number of scholarly platforms like Figshare and Mendeley currently. You can see updates as it's rolled out to more at GetFTR and see how it works here.



Context: Maximum global reach for high readership

Driving a sustainable route to open access

We're committed to working with societies, authors, institutions, governments, and funders to offer flexible models and academic choice for research that support their aspirations to move to an open access future.

Demand for agreements that encompass open access publishing continues to increase. We're at the forefront of negotiating national agreements that deliver open access options at scale whilst managing the transition to OA in a sustainable way. These agreements also secure access for your journal in the best institutions, which ensures the highest possible exposure.

Early in 2020 we announced three new transitional agreements. This meant we had agreements in eight different countries across Europe – the **UK, Sweden, Finland, Norway, Germany, Hungary, Austria** and **The Netherlands**. We've just been successful in renewing our very first deals – in The Netherlands (2016) and in Austria (2017) – for a second term.

We are actively negotiating deals with **France**, **Spain**, and **Italy**, and are in the early stages of discussions with governments and consortia elsewhere in the world beyond Europe. Now, eligible researchers at over 1,600 institutions globally have access to funding as part of transitional agreements or individual agreements to use Wiley OA accounts to manage APCs centrally on behalf of authors.

Transitional agreements - what's next?

Click here to see the full-size version.



New transitional agreements in Europe

In March we announced a new four-year partnership with **Jisc** in the **UK** that offers researchers at eligible universities access to journals and the opportunity to publish open access.

This is the most extensive UK-based transitional agreement to date, covering over 150 Jisc member institutions, including the most important research institutions in the country.

We've seen an impressive uplift in submissions – up 30% on 2019.

Anna Vernon, head of licensing of Jisc Collections, shares her experience of the partnership so far here.

In May we signed a new pilot open access agreement with **Wellcome**, which is open to UK corresponding authors funded by Wellcome who are in institutions not covered by existing Wiley agreements.

In **Sweden**, our three-year deal with Bibsam, the Swedish consortium of higher-education and research institutions, provides access to Wiley journals and enables affiliated authors in 47 member institutions to publish open access articles in Wiley journals.

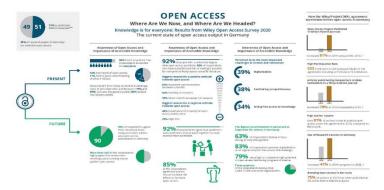
Our new agreement with FinElib in **Finland** provides access to the Wiley portfolio of journals and pays APCs for affiliated authors in 21 higher-education and research institutions.

Projekt DEAL - accelerating open access in Germany

Two years into this ground-breaking new partnership, how has Wiley's agreement with Projekt DEAL shaped open access in Germany? Data from a recent survey points to a marked shift in attitudes to OA, reflected in significant growth in the number of OA articles published.

- Over 81% of authors chose to publish open access under the agreement in 2019, compared with 6% publishing OA in 2018.
- 75% of authors had never published an OA article before.

Key findings are below. You can see the full-size infographic here.



In another survey we asked authors in countries with transitional agreements about their experiences of publishing. Many who chose not to publish their article OA said they didn't know their institution might pay their fees, didn't understand the process or found the terms confusing. Our <u>Author Services</u> platform automatically identifies authors who might be eligible and notifies them of the opportunity. We've made it easier than ever before for authors to check their eligibility, and created materials that explain in simple terms every step of the process.

Open access arrangements in North America

We continue to see new interest in open access agreements in North America.

In January this year we announced the signing of a three-year transitional open access agreement with **lowa State University**, among the first of its kind in the US.

This builds on two new agreements in 2019 with consortia in North America that, for the first time, included provision for open access publication. **OhioLINK**, a library consortium serving 118 libraries and 89 Ohio colleges and universities, and **Virginia**'s academic library consortium (VIVA) set up Wiley OA accounts to administer funds for authors centrally.



Context: Key policy impacts around the world

Globally, funders responded to the pandemic with immediate policies to increase flexibility, extend deadlines and grants, and provide emergency funding.

Our policy team is deeply engaged on all fronts and we continue to have discussions with senior officials across governments and their agencies to stay abreast of developments and work to shape policy favorably.

Connecting societies with policy decisions

We need to be ready to respond and adapt – sometimes guickly.

Your participation really does make a difference, and we've seen that in a number of decisions over the past few years. We'll continue to brief you on key issues and opportunities for discussion, and engagement and action planning.

Here we include highlights:

Data Policy - **CERN** announced their open data policy, committing to releasing level 3 scientific data, with the aim of releasing the full dataset by the close of the experiment. In **India**, the Department of Science and Technology (DST) released a draft policy, detailing an Open Science Framework allowing access to a repository of scientific data among other information and resources.

Preprints - Preprint policies to encourage early sharing of manuscripts have been on the rise. Several funders updated policies to encourage or mandate that submitted manuscripts are available on a preprint server. **Bill & Melinda Gates Foundation** updated their policy to encourage preprints of submitted manuscripts from 2021.

Plan S - Plan S, which mandates that all publications resulting from member funders be published immediately open access, with appropriate licensing, commenced for many of its member funders on January 1 this year. Plan S also announced a Rights Retention Strategy (RRS) during 2020, creating another route to compliance.

The RRS requires authors to make their accepted manuscript openly available immediately the final article is published, with an open license. Read our blog here.

United Nations - UNESCO is working to form an international standard on Open Science. Their first draft was released to members in 2020 and extensive stakeholder consultation is underway. Once finalized we expect swift adoption by member states in 2021.

United States - The administration introduced the idea of an executive order mandating federally funded research to be made freely available. We were involved in stakeholder meetings and consultation throughout the year and provided guidance to society partners on forming a response individually or collectively.

Under the new administration, we will keep a watchful eye on any substantial progress on the executive order and other policies, such as steps to balancing and repairing relations with China and Chinese researchers as it relates to the Secure Campus Act, which hindered Chinese citizens from receiving student or research visas.

United Kingdom - UK Research and Innovation (UKRI), the body that administers all public funding and oversees university block funding, conducted a stakeholder consultation as it works to finalize their new open access policy. As part of this stakeholder consultation, we issued a detailed response and worked to encourage our society partners to respond as well. We continue to engage with UKRI both directly and through our membership of the Publishers Association. We expect the new policy to be announced by the second quarter of 2021.

European Union - As Horizon 2020 ends, we look to Horizon Europe, a new research program spanning 2021–2027 with a budget of around €95.5 billion.

Research priorities and missions focus on interdisciplinary research targeted towards some of the largest challenges facing

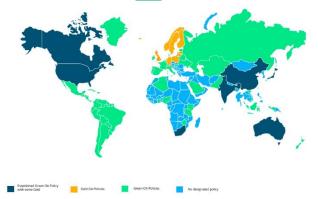
Society – climate and the environment, healthy land and food, energy, cancer and more.

Horizon Europe grants are likely to be subject to OA conditions similar to those implemented by cOAlition S. We now await formal approval from Parliament and Council.

Now that the UK has formally left the EU and the transition period ended at the end of 2020, negotiations about the relationship between the UK and EU in areas of scientific and research cooperation begin early in 2021 and will shape research collaboration for the period of the program.

Open access policies around the world

You can see the full version here.



China - China is the second largest spender on R&D and has been closing the gap with the largest R&D spender, the US. Over the long term, as evidenced in President Xi Jinping's September address to the Chinese science community, we expect emphasis on R&D spending and innovation to remain high.

Last year, CPC, MOE, MOST, and CAST jointly released government guidelines that specify the direction of Chinese STM journal development, specifically objectives to increase the number of first-class journals, and raise the quality and influence of those journals.



Context: The changing world - impacts on our community

(Key policy impacts around the world continued)

Japan - In July, Japan released the Integrated Innovation Strategy 2020, addressing policy around foreign interference, protecting intellectual property, preserving research integrity and safeguarding national security from foreign interference.

An influential special committee of the Ministry of Education, Culture, Sports, Science and Technology (MEXT) released an interim report highlighting the urgent need for Japan to consider funding for university libraries for journal subscriptions and APCs. The report recognizes Japan has embraced a Green OA policy while the rest of the world is starting to place more emphasis on Gold OA.

India - The Ministry of Science and Technology released a draft of India's Science, Technology and Innovation Policy. In it the government proposed a "one nation, one subscription" policy with the intention of making research and data more freely available. The policy has been released to the public for comments and suggestions.

A focus on science

Because of the pandemic, our global research community is collaborating and sharing more information than ever. This global collaboration, combined with a renewed public interest and trust in research, speaks to a more inclusive, supported, and sustainable future for the research community.

Connecting the media and public to research

We're committed to supporting science and bridging the communications gap between research, the media, policy makers and the general public.

By partnering with charities like **Sense about Science** and major media organizations like the **World Federation of Science Journalists** we're able to help educate the public and policy makers about topics that impact our society through initiatives like Wiley Science Talks.

In June we launched series 2 of our podcast **This Study Shows**. In Many ways to communicate the facts: A COVID-19 Special Episode we looked at how empathy and trust can make for more effective science communication. All episodes are here, or you can listen wherever you normally find your podcasts.

Supporting the research community during the pandemic

We moved quickly to collect and share articles related to COVID-19, which we made freely available on <u>Wiley Online Library</u>. We gathered relevant preprints in the <u>Wiley Open Research Special Collection</u> and, to get topical research in front of the researchers who needed it quickly, we promoted both initiatives widely online, by email and on social media.

As well as providing free access to this critical research, we launched a dedicated <u>COVID-19 resource site</u> for researchers that featured sections on teaching online, working from home, and lighter content for those seeking a break from COVID-19 news.

We worked with governments to deposit all existing and forthcoming COVID-19 content into PubMedCentral and made it easier to deposit research into the <u>World Health Organization database</u>.

Understanding the impacts on our community

As we move into the next phase, we'll all need to understand the impacts on all parts of the research community. We're pleased to have partnered with Kudos on the 'Brave New World' study which incorporates interlocking perspectives from researchers, institutions, libraries, and funders, which will give us a holistic view of the research ecosystem.

You'll see highlights of the survey peppered throughout this report. Look out for more detail over the coming months.

Working together to make a difference

2020 prompted long-overdue conversations to address systemic biases against individuals and communities. These biases continue to plague both society as a whole and our immediate academic community.

We're prioritizing listening and learning so we can build a greater awareness and stronger understanding of the issues closest to our community members. Key areas of focus include supporting our editors and society partners to build more diversity in editorial boards, reviewing and improving our editorial processes, capturing demographic data, and practising multi-cultural marketing.



We've been hearing from society leaders, editors and researchers on what they're doing to promote equity:

- How societies can help create more diverse, equitable, and inclusive research communities
- Inclusive Research Communication
- What's Diversity Got To Do With It? Reflections On Editorial Board Diversity

Your input and collaboration will allow us to make a bigger impact and we hope we can all share our learnings and outcomes throughout this journey.

We're excited to begin exploring these conversations with you.



Publishing Strategy

2020 strategy discussions

Throughout 2020, we continued to talk with you about the evolving publishing landscape. We've talked about how we're responding to the market changes at Wiley, and we've discussed together the strategies that you can put in place to take advantage of the opportunities and ensure the sustained success of all of the ACA journals for the long term. Please find below core goals that have shaped our publishing plans throughout the year and objectives to keep in mind as we continue into 2021. We look forward to discussing these strategies with you in detail as we refine our shared goals and identify ways we can partner for success.

Our current plan



Growing your quality output

Increase article output and identify a growth strategy.

Attract more submissions from authors in transitional deal countries and institutions.

Consider appointing more editorial board members from diverse geographic regions such as Germany and China.



Engaging with open research

Consider introducing a new data-sharing policy, open science badges, or mandating ORCID iDs for authors.

Participate in a peer review transfer network with the other ACA journals to keep quality papers in the ACA family, improve the author experience, and reduce the burden on reviewers.



Improving efficiency

Bring production services to Wiley for 2022.

Reduce turnaround times from acceptance to publication online.

Aim to reduce peer review times.

Consider New Journal Design formatting.

Consider accepting free format submissions to ease submission process.



Diversifying your revenue

Identify opportunities to grow Open Access revenue, including publishing more content from transitional deal regions.



Investing in diversity, equity, and inclusion

Continue efforts to diversify editorial boards and author and reviewer pools.

Looking ahead through 2021

Over the next 12 months we will be focusing on *growing article output and improving efficiency*. We look forward to working with you to implement these plans and discuss our progress over the course of the year. We expect our focus will continue to evolve over time as new opportunities arise, priorities shift, and the impact of our actions is realized.



Circulation

Global reach



In 2020, 6,472 institutions offered access to the latest content in your journal via either a Wiley license or a traditional (title-bytitle) subscription. On this map, darker shading shows where circulation is highest. Countries shaded in gray may be covered by philanthropic initiatives.

Reach by region

Region	2018	2019	2020
Australia & NZ	166	167	167
Canada	67	74	86
China	147	153	151
Europe	2,329	3,118	3,004
Japan	89	93	101
Rest of World	1,899	2,133	2,034
UK	110	119	198
USA	578	674	731
Grand Total	5,385	6,531	6,472

This table shows the number of institutions, by region, with access to the latest content in your journal via either a Wiley license or a traditional (title-by-title) subscription.

Reach by access type

Sales Model	2018	2019	2020
Institutions with access via a Wiley license	5,354	6,518	6,457
All Journals license	2,571	2,994	2,954
Transitional agreements		647	961
Other licenses	2,783	2,877	2,542
Institutions with access via traditional subscriptions	31	13	15
Online	9	5	3
Print and online	5	4	1
Print	17	4	11
Total	5,385	6,531	6,472

In 2020, 6,457 institutions offered access to your journal via a Wiley license, often through a consortium. Of these institutions, 2,954 had access via the "All Journals license." 961 institutions had access via "Transitional agreements" which cover both subscription access and open access publishing. In addition, 15 institutions offered access via traditional (online or print) subscriptions.

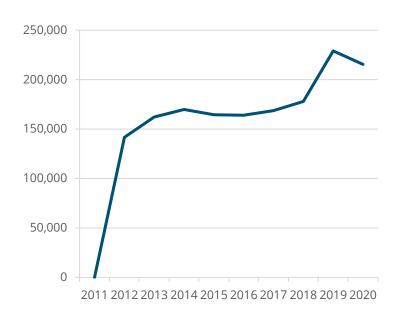
Additional reach: EBSCO

Wiley's arrangement with EBSCO allows us to extend the reach of your journal beyond core academic libraries. In 2020, 4,354 institutions accessed embargoed content of at least one year old from your journal via EBSCO databases.



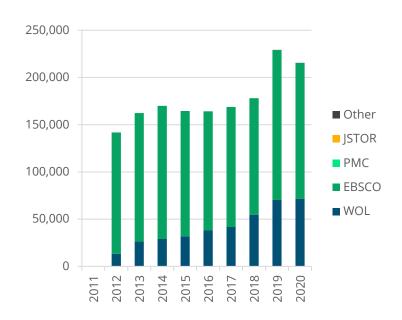
Readership

Article downloads trend



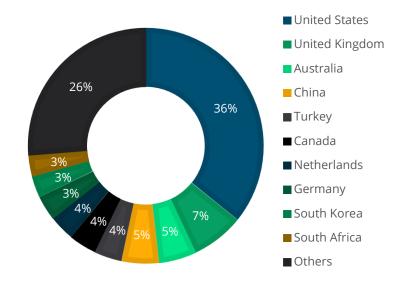
This chart shows the increase in the number of full-text article downloads for your journal in the period 2011 to 2020. The total includes usage on Wiley Online Library, EBSCO, and other third-party databases. Downloads via Wiley Online Library increased by 2.0% in 2020. This compares with an increase of 17.8% across all Wiley journals in the Psychology subject area.

Article downloads by source



This chart shows the origin of full-text downloads of your journal across Wiley Online Library and other major third party providers.

Top 10 downloading countries



This chart shows the top 10 countries from which articles in your journal were downloaded via Wiley Online Library in 2020, and the percentage each country contributed to total usage. All other countries are combined under "Others."



Readership

Most downloaded articles on Wiley Online Library

Rank	Author(s)	Article Title	Volume	Issue	No. of Accesses
1	Hirschi, A.	The Fourth Industrial Revolution: Issues and Implications for Career Research and Practice	66	3	2,504
2	Hirschi, A.	Whole-Life Career Management: A Counseling Intervention Framework	68	1	1,365
3	Savickas, M.	Career Adaptability: An Integrative Construct for Life-Span, Life-Space Theory	45	3	1,053
4	Lent, R.	Career-Life Preparedness: Revisiting Career Planning and Adjustment in the New Workplace	61	1	755
5	Lent, R.	Future of Work in the Digital World: Preparing for Instability and Opportunity		3	731
6	Atanasoff, L. & Venable, M.	Technostress: Implications for Adults in the Workforce	65	4	727
7	Jr., M. & Kim, M.	College Major Choice in STEM: Revisiting Confidence and Demographic Factors	62	2	723
8	Krumboltz, J. et al.	Applying the Happenstance Learning Theory to Involuntary Career Transitions	61	1	714
9	Pisarik, C. et al.	C. et al. A Phenomenological Study of Career Anxiety Among College Students		4	641
10	Oliveira, Í. et al.	Children's Career Expectations and Parents' Jobs: Intergenerational (Dis)continuities	68	1	599

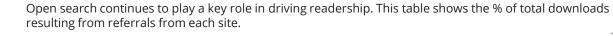
This table includes details of the 10 most-downloaded articles of 2020. The average number of downloads per article published in your journal in 2020 was 224. Across all journals that Wiley publishes in the same subject area, the average number of downloads per article was 425.

Top referrers

Rank	Referrer Service	% of Downloads
1	Google Scholar	38.2%
2	Institutions and Library Services	9.4%
3	Google Search	8.1%
4	EBSCO	0.7%
5	Bing	0.5%

Article downloads via Wiley Content Sharing

In 2020, 57 sharing links were generated via the Wiley Content Sharing service, resulting in 18 full-text downloads.





Your 2020 marketing objectives

At the start of the year, we had the following overall marketing objectives and priorities for *The Career Development Quarterly*:

- Increase author engagement
- Expand brand awareness
- Grow readership

In 2020, through ongoing data analysis, discussion, and collaboration with you, we worked towards these objectives using a series of marketing tools and tactics. Outlined below are some of the key initiatives used to promote *The Career Development Quarterly*.



Author Campaigns



Readership Campaigns



Social Media

Innovative marketing strategy

Adapting to change

2020 has been a year of challenges, but opportunities too. With a focus on reader and author needs, our marketing has quickly adapted to support researchers as they find themselves away from their normal workplace. Here are a few examples of how we have remained engaged with researchers to ensure the maximum impact for your journal:

- **Virtual Conferences** Conference hosts have offered a variety of formats and we've experimented to find out which methods will create the greatest visibility for your journal.
- **Webinars** To replace the in-person workshops we run at institutions, we've been hosting webinars on topics of interest to authors. These have also helped us reach new authors to invite them to submit to your journal.
- **Guides to Publishing Open Access** Authors often want to publish open access but don't know where to start. Through digital guides, videos, social posts and webinars we've been able to explain how to publish open access papers in your journal as well as others.
- Coronavirus Hub To support the research community, we continue to post all new COVID-19 articles as they publish and make them free to read. We're promoting those with a general audience appeal to global media outlets via our bi-weekly updates, Wiley Research Headlines.

Making sure your articles can be found

Search engines remain the main way to access your content. Our team of dedicated marketers works-closely with Google and other search engine platforms to ensure every article published on Wiley Online Library ranks highly in search results. In addition to ongoing Search Engine Optimization (SEO) work, including webpage design and staying abreast of Google changes, we have implemented the following:

- The addition of Google Scholar "Quick Previews" which displays your article abstracts to mobile users of Google Scholar.
- Google CASA for off-campus users accessing full-text scholarly content licensed by their organizations.



Engaging your authors

The ability to attract and retain more of the top authors in the field is a priority for long-term success of *The Career Development Quarterly*. Our marketing efforts support this goal through actively targeting authors, encouraging them to submit – and keep submitting – their best work to *The Career Development Quarterly*. Initiatives to reach relevant authors in key disciplines are listed below.

Initiative	Results
Top Downloaded Author #TopDownloadedArticle We recognized authors from your journal's top 10% of most-downloaded papers from the previous two years for their contribution to the journal through a journal- branded email and social media campaign.	The email campaign had an overall Open Rate of 66% and Click-to-Open Rate of 70%.
Rejected Article Our team provided resources for authors whose articles have recently been rejected and highlighted options for resubmission.	The email campaign had an overall Open Rate of 49% and Click-to-Open Rate of 17%.
Home For Your Next Paper A personalized campaign that helps prospective authors choose to submit their research to your journal. This campaign uses marketing automation to create customized journeys tailored to their needs.	The email campaign had an overall Open Rate of 32% and Click-to-Open Rate of 8%.
Publish With Us Again A personalized campaign that encourages loyalty from your authors and encourages them to publish their research in your journal again. This campaign uses marketing automation to create customized journeys tailored to their needs.	The email campaign had an overall Open Rate of 46% and Click-to-Open Rate of 6%.



Engaging your authors

Leading the way in open access

We raise awareness of, and promote, open access publication to current and potential authors of *The Career Development Quarterly.* in the following ways:

- Targeted emails to inform authors of Wiley Open Access Accounts (WOAA) through their funder or institution.
- Online advertising via Wiley Online Library, Google, and social media channels.
- Live events and online webinars to educate faculty, librarians, and authors, with emphasis on transitional deal countries.

Open Access Initiative

Results

Wiley Open Access Accounts (WOAA) Program

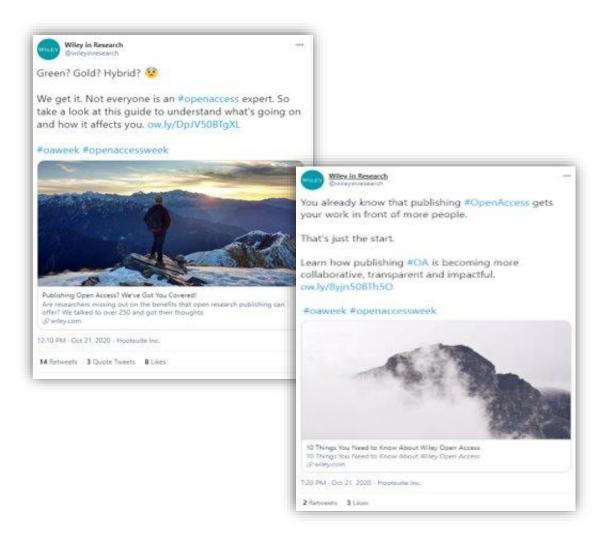
A multichannel email, web, and social media program which targets researchers eligible for support with open access fees from their institution or funder. Institutions and funders that have transitional agreements with us are also included in this program.

The email campaign had a 18% open rate with over 12,000 people in the program. The campaign also used Facebook, Twitter, LinkedIn and GoogleAd Words with an average Click through rate of over 1% on these platforms.

Open Access Week

A dedicated week in October where we promote publishing open access in journals across the Wiley program. Activities include promotion through blog posts and a social media campaign. In 2020, a special Editor Q&A Spotlight campaign was done through social media for your open access journal.

Four posts from Wiley in Research generated particularly strong results of between 95 and 123 link clicks. One of our main targets for the event was to increase our social media share of voice against five top competitors. We achieved 33% share of voice, which is up from 28% in 2019.





Expanding brand awareness and engaging readers

Social media

Social media is a valuable channel for engaging with readers and authors. Used effectively, it can expand your reach, increase engagement, generate web traffic, and drive brand awareness among target audiences.

In 2020, we used our community social media feeds to actively engage with influencers and promote research published in *The Career Development Quarterly*. Throughout the year, the following social media accounts @*WileyPsychology* saw positive growth, inviting new followers to engage with your content.

The articles below were among the most liked or shared posts in 2020, as measured by Altmetric, which tracks the online attention that research outputs receive by pulling in data from three main sources: social media, traditional media, and online reference managers.

Article Title	Highest Altmetric Attention Score 2020	All Mentions	Mentions from Social Media	Mentions from News & Blogs	Mentions from Policy Documents & Patents
Dysfunctional Career Thoughts and Perceived	135	22	0	22	0
Mindfulness as a Coping Mechanism for	24	4	0	4	0
Whole-Life Career Management: A Counseling	8	3	1	2	0
The Fourth Industrial Revolution: Issues 	8	2	1	1	0
Career Counseling With Lesbian, Gay, 	8	1	0	1	0

Article-level publicity

In collaboration with *The Career Development Quarterly's* editorial team, we monitor for newsworthy articles using our 'Publicity Alert Tool'. Research of interest is promoted to global media outlets via our publicity channels, including Wiley Research Headlines, Newswires, or Twitter. In 2020, 1 articles from your journal was given additional promotion through publicity, driving greater visibility of its content. Below is a list of these articles.

Featured Article	Publicity Channel	Total Media Placements	Date of Release
Career Thoughts and Parental Relationships in Adolescents with ADHD	Wiley Research Headlines	66	07-Dec-20



Author Experience: Submissions

Accepted and rejected articles



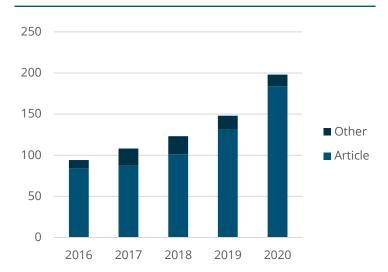
This chart shows the proportion of accepted and rejected articles listed in the year the final decision was taken. The accept rate was 14.3% in 2020, a decrease from 23.2% in 2019. This compares with an accept rate of 24.2% across all Wiley journals in the Psychology subject area.

Quantity and speed of reviews

	2016	2017	2018	2019	2020
Number of review invitations sent	91	124	118	123	136
Number of reviews invitations accepted	81	107	102	115	112
Number of reviews completed	87	101	100	111	120
Median days to review completion	30	29	30	30	29

This chart shows review data for original submissions only for the past five years.

New submissions by type



The total number of submissions in 2020 increased by 33.8% compared with 2019. This compares with an increase of 26.5% across all Wiley journals in the PSYCHOLOGY subject area.

Accepted and rejected articles by type



This chart shows the number of accepted and rejected articles by article type.



Author Experience: Submissions

Speed of review process

Includes all articles, including those that were rejected without peer review

Median number of days (min- max)	2016	2017	2018	2019	2020
Submission to first decision	25 (1-69)	33 (1-66)	4 (1-56)	3 (1-54)	3 (1-70)
Submission to final decision	26 (1-296)	37 (1-203)	4 (1-137)	3 (1-176)	3 (1-265)
Submission to acceptance	108 (23-296)	105 (54-203)	91 (7-137)	93 (63-176)	91 (34-265)

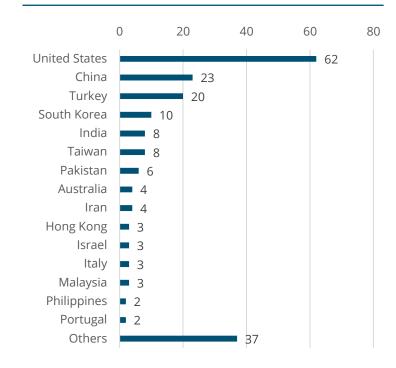
Articles are included in the year the decision was made, and data includes all articles, whether or not they were sent out to peer review. The number of days from submission to acceptance in 2020 was a median of 91 days, down from 93 days in 2019. This compares with a median of 186 in 2020 across all Wiley journals in the Psychology subject area.

Excluding articles that were rejected without peer review

Median number of days (min- max)	2016	2017	2018	2019	2020
Submission to first decision	38 (25-69)	40 (15-66)	37 (25-56)	36 (28-54)	41 (22-70)
Submission to final decision	48 (25-296)	58 (15-203)	51 (25-137)	67 (28-176)	47 (22-265)
Submission to acceptance	122 (62-296)	105 (54-203)	92 (52-137)	93 (63-176)	91 (34-265)

Articles are included in the year the decision was made, and data excludes articles that were rejected without review. The number of days from submission to acceptance in 2020 was a median of 91 days, down from 93 days in 2019. This compares with a median of 198 in 2020 across all Wiley journals in the Psychology Y subject area.

Country of submission



This chart shows the top 15 countries ranked by the number of submissions to the journal. All submissions counted were submitted in 2020. The remaining countries are grouped into "Others."

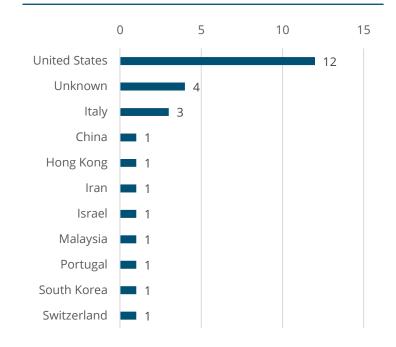


Author Experience: Publication

Publication Trend

Year	Volume	Number of Issues	Number of pages (by article)	Number of pages (by issue)	Number of articles	Average days from receipt at Wiley to print publication	Median days from receipt at Wiley to print publication
2020	68	4	371	380	27	64	59
2019	67	4	361	382	27	70	74
2018	66	4	372	384	31	71	69

Top Author Contributing Countries



Issue Publication Data for 2020

Volume: Issue	Print publication date	Online publication date	Online lateness measure	Number of pages (by article)	Number of pages (by issue)	Number of articles	Average number of days from receipt at Wiley to online issue publication	Median number of days from receipt at Wiley to online issue publication
68:1	11 Mar 2020	10 Mar 2020	On Schedule	92	98	6	74	74
68:2	10 Jun 2020	04 Jun 2020	Early	95	96	7	49	49
68:3	09 Sep 2020	07 Sep 2020	On Schedule	90	90	6	69	69
68:4	16 Dec 2020	06 Dec 2020	On Schedule	94	96	8	49	49







