

No.12, 6th July, 2020

Trove, Australia's online culture and research portal, unveils new design

Bringing together content from the National Library of Australia, State and Territory libraries, and hundreds of other libraries, cultural and research institutions around Australia, it provides a single point of entry to a treasure trove of national voices and stories.

Search <u>Trove</u> to find more than 6 billion digital items on any topic from hundreds of Trove Partners across Australia.

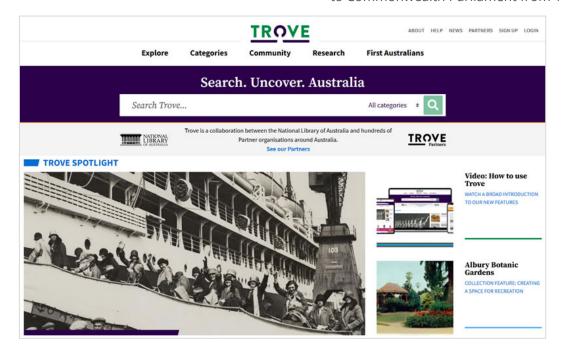
Trove's new design brings together four years of work made possible by the Australian Public Service Modernisation Fund. It delivers:

- A dynamic site, rich with collection features, embedded contextual information and articles showcasing Australia's collections.
- A First Australians focus, with cultural safety features built in throughout Trove, easier searching for Aboriginal and Torres Strait

- Islander people and languages, and a section of the site which will be Indigenous-managed.
- Improved search features, including fullindexing of publicly accessible National edeposit (NED) publications and other born-digital fulltext, improved finding aids and browsing, and a complete overhaul of relevance ranking.

Over the last four years millions of digitised pages have been added to Trove including:

- The Australian Joint Copying Project
- The Commonwealth Government Gazette (1901–1957) a rich mine of documentary history, especially useful for tracing personal histories.
- The Bulletin (1880–1954). An iconic Australian publication.
- 30,000 Australian historical maps, including NSW Parish Maps, World War I maps, Canberra maps.
- Documents that have been formally submitted to Commonwealth Parliament from 1901-2012.



Research shows virus undetectable on five highly circulated library materials after three days

In the first phase of a project to disseminate and develop science-based information about how materials can be handled to mitigate exposure to staff and visitors, scientists have found that the virus SARS-CoV-2 that causes COVID-19 is not detectable on five common library materials after three days.

The findings are part of the <u>REopening Archives</u>, <u>Libraries</u>, <u>and Museums (REALM) Project</u> designed to generate scientific information to support the handling of core museum, library, and archival materials. The first phase of the research is focusing on commonly found and frequently handled materials.

Scientists tested the virus on a variety of surfaces, in environments with standard temperature and relative humidity conditions typically found in air-conditioned office space. Materials tested in phase one included the cover of hardcover books (buckram cloth), the cover of softback books, plain paper pages inside a closed book, mylar protective book cover jackets, and plastic DVD cases. Tests found the virus undetectable after one day on the covers of hardback and softback books as well as the DVD case. The virus was undetectable on the paper inside of a book and mylar book jackets after three days. Read more.

RCH Library handling of returned materials

Staff handle returned materials with gloves, and place items in quarantine for three days before making them available for loan again. The items you borrow are safe to handle. **Please don't microwave our books**, as <u>one library patron did in Michigan, US</u>.



Wellbeing and appreciation events

- July <u>JulEYE Awareness Month</u>
- July 12 to 18 National Diabetes Week
- July 22 <u>Fragile X Awareness Day</u>
- July 22 <u>National Pain Week</u>
- July 24 <u>Stress Down Day</u>
- July 26 <u>Donate Life Week</u>
- July 28 World Hepatitis Day
- August 9 <u>International Day of the World's</u>
 <u>Indigenous Peoples</u>
- August 17 Wound Awareness Week
- August 1 World Breastfeeding Week
- August 2 National Tree Day
- August 2 <u>National Healthy Bones Week</u>

Webinar: Introduction to Journal Peer Review

Although debates have been raised about it in recent times, journal peer review remains central to the process of publishing and disseminating scientific research

Publishers and editors are responsible for ensuring that it is conducted fairly and ethically, and authors should feel reassured that their work is improved by the peer review process.

Join Heidi Allen, Senior Manager, Content Review at Wiley as she shares with you what authors need to know about peer review. She will also be talking about preparing for peer review and this will also help peer reviewers understand what is expected of them.

Key Highlights:

- How peer review helps to validate and improve scientific research.
- The different models of peer review.
- What to expect during the peer review process.

When: Wednesday 8 July 2020, 1pm AEST

Register to view the webinar

Health and Science News

- → The coronavirus 'long-haulers' show how little we still know: A paediatric infectious disease specialist is facing long-term symptoms from an initially mild COVID-19 infection. Read more [source: theguardian.com]
- ⇒ St. Jude creates resource for pediatric brain tumor research: Researchers worldwide can access orthotopic patient-derived xenograft models to speed discovery and test novel therapies for childhood brain tumors. Read more [source: eurekalert.org]
- ⇒ World's first genetic and environmental risks identified for common form of childhood epilepsy: The analysis demonstrated that maternal smoking during pregnancy quadrupled the risk of BECTS (Childhood Epilepsy with Centrotemporal Spikes). This is the first ever environmental risk factor identified for the disease. Read more [source: eurekalert.org]
- Childhood obesity linked to multiple environmental factors in first-of-its-kind study: Exposure to smoking and air pollution as well as living in densely populated areas or those with low walkability are associated with high BMI. Read more [source: eurekalert.org]
- ⇒ EXPERT REACTION: Victoria's jump in COVID-19 cases is this a second wave?: These comments have been collated by the Science Media Centre to provide a variety of expert perspectives on this issue. Read more [source: scimex.org]
- ➡ For children with cleft lip and palate, no major psychological impact of repeated surgeries: However, an increased number of surgeries between 8 and 10 years of age may predict increased anxiety and depression in adolescence. Read more [source: eurekalert.org]
- Researchers report nearly 300 cases of inflammatory syndrome tied to Covid-19 in kids: In both studies, many of the children developed cardiovascular and clotting problems and many had gastrointestinal symptoms. A high proportion also had skin rashes. Read more [source: statnews.com]
- ➡ Biomedical researchers get closer to why eczema happens: Researchers study the link between lipids and bacteria. Read more [source: eurekalert.org]
- Swine flu strain with human pandemic potential increasingly found in pigs in China: New finding that pigs in China are more and more frequently becoming infected with a strain of influenza that has the potential to jump to humans has infectious disease researchers worldwide taking serious notice. Read more [source: sciencemag.org]

- Australia is "an island in a sea of measles": "National programs are important, but measles control cannot be achieved without effective local prevention and control measures, including diligent vaccination and prompt diagnosis by alert clinicians." Read more [source: scimex.org]
- ➡ Tiny molecule could protect newborns from brain damage: The researchers believe that the mitochondrial protein COX5a, working in synergy with TPI, another metabolic enzyme known for its role in neuronal protection, could be the key to preventing brain damage in hypoxic infants. Read more [source: unisa.edu.au]
- → Potential breakthrough for eating disorder sufferers: Anorexia and other eating disorders may be linked to a nervous system experiencing inflammation caused by stress, according to an international review. Read more [source: healthtimes.com.au]
- Dexamethasone and the Recovery Trial's High-Speed Science: In just three months, one British research team identified the first life-saving drug of the pandemic (and helped cancel hydroxychloroquine). Read more [source: wired.com]
- A novel radioisotope therapy for children with neuroblastoma: Researchers from Kanazawa University discover that high-dose ¹³¹l- metaiodobenzylguanidine treatment could provide a favorable prognosis in children with neuroblastoma. <u>Read more</u> [source: eurekalert.org]
- 'Our views are not on the news': young people speak up on Covid-19: Digital scrapbooks by children and teenagers are the funniest – and most bracing – reflections on lockdown. Now theatre is giving them the chance to put their fears and hope on stage. Read more [source: theguardian.com]
- ⇒ NHS child gender clinic: Staff concerns 'shut down': Clinicians reported worries that some patients were referred onto a gender transitioning pathway too quickly. Read more [source: bbc.com]
- Coronavirus pandemic shows it's time for an Australian Centre for Disease Control - in Darwin: Australia is the only OECD country without such a centralised disease control agency. <u>Read more</u> [source: theconversation.com]
- → Artificial intelligence to help boost youth mental health: Researchers are embracing artificial intelligence to help young Australians with their mental health by using computer models to plot the best treatment. Read more [source: healthtimes.com.au]

Rapid Reviews: COVID-19: New open access journal aims to combat misinformation in COVID-19 research

The MIT Press has announced the launch of <u>Rapid</u> <u>Reviews: COVID-19 (RR:C19)</u>, an open access, rapid-review overlay journal that will accelerate peer review of COVID-19-related research and deliver real-time, verified scientific information that policymakers and health leaders can use.

Scientists and researchers are working overtime to understand the SARS-CoV-2 virus and are producing an unprecedented amount of preprint scholarship that is publicly available online but has not been vetted yet by peer review for accuracy.

Traditional peer review can take four or more weeks to complete, but *RR:C19's* editorial team, led by editor-in-chief, Stefano M. Bertozzi, Professor of Health Policy and Management and Dean Emeritus of the School of Public Health at University of California Berkeley, will produce expert reviews in a matter of days.



Using artificial intelligence tools, a global team will identify promising scholarship in preprint repositories, commission expert peer reviews, and publish the results on an open access platform in a completely transparent process.

The journal will strive for disciplinary and geographic breadth, sourcing manuscripts from all regions and across a wide variety of fields, including medicine; public health; the physical, biological, and chemical sciences; the social sciences; and the humanities. *RR:C19* will also provide a new publishing option for revised papers that are positively reviewed. Read the full press release.

AIHW – latest reports

Indigenous primary health care: results from the OSR and nKPI collections

Information on organisations funded by the Australian Government under its Indigenous Australians' Health Programme (IAHP) to deliver culturally appropriate primary health care services to Aboriginal and Torres Strait Islander Australians is available through two data collections—the Online Services Report (OSR); and the national Key Performance Indicators (nKPIs).

This report presents the latest results from these collections. Read the report.

Use of emergency departments for lower urgency care: 2015–16 to 2018–19

More than one-third of presentations to hospital emergency departments (EDs) are for lower urgency

care, some of which may be managed more appropriately by health services in the community.

In 2018–19, use of EDs for lower urgency care varied across Australia—ranging from 53 presentations per 1,000 people in Darling Downs and West Moreton Primary Health Network (PHN) area (Qld), to 333 per 1,000 people in Western NSW PHN area. This covers data up to 30 June 2019, as such this data precedes COVID-19. Read the report.

EndNote Tip: Importing XML files

The latest version of EndNote can only import XML files that were previously generated by EndNote itself. Itcannot import XML files created by other databases such as EbscoHost.

Instead, use other export formats like RIS or BibTeX from the databases to import into EndNote.

CAMPUS PUBLICATIONS

Article titles are linked to full text where available, or to information about ordering documents. An OpenAthens account is required for remote access.

- **Amiel, J., et al.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Delineating the clinical spectrum due to heterozygous TRAF7 missense mutations: a series of 38 cases', *European Journal of Human Genetics* 2019; vol.27(Suppl. 2), pp.1527-1528
- **Anderson, P.J., Treyvaud, K. and Spittle, A.J.** [Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'Early developmental interventions for infants born very preterm what works?', <u>Seminars in Fetal and Neonatal Medicine 2020; [Epub ahead of print]</u>
- Armstrong, G., Haregu, T., Caine, E.D., Young, J.T., Spittal, M.J. and Jorm, A.F. [Centre for Adolescent Health, Murdoch Childrens Research Institute, Parkville, Vic., Australia.], 'High prevalence of health and social risk behaviours among men experiencing suicidal thoughts and behaviour: the imperative to undertake holistic assessments', <u>Australian and New Zealand Journal of Psychiatry 2020; [Epub ahead of print]</u>
- **Avital, A., Manor, I. and Coghill, D.** [Department of Paediatrics, University of Melbourne, Parkville, Vic., Australia.], 'Editorial: attention and methylphenidate', <u>Frontiers in Behavioral Neuroscience 2020; vol.14, pp.66</u>
- **Babl, F.E., Dalziel, S.R. and Borland, M.L.** [Emergency Department, Royal Children's Hospital; Clinical Sciences, Murdoch Childrens Research Institute, Flemington Road, Parkville, Vic., Australia.], 'Establishing a research network', *Journal of Paediatrics and Child Health 2020;* [Epub ahead of print]
- **Barrett, D.Y., Peters, R.L., Koplin, J.J. and Perrett, K.P.** [Population Allergy Group, Murdoch Childrens Research Institute; Royal Children's Hospital, Flemington Road, Parkville, Vic., Australia.], 'Is early introduction of tree nut in infancy protective against tree nut allergy?', Internal Medicine Journal 2019; vol.49(Suppl. 4), pp.5
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BOOKS

[online]

Glucose sensor use in children and adolescents: a practical guide / editors, Valentino Cherubini, Daniela Elleri, Stefano Zucchini. Springer, 2020.



This practical book focuses on the use of glucose sensors in children with type 1 diabetes. It is an evidence-based, simple, illustrated tool written by expert physicians in the field, experienced with patients living in Italy and in the UK.

The introductory chapters offer a quick and well-documented update on technology use in the child with diabetes, while the chapter on clinical studies provides a comprehensive overview of the scientific basis and benefits on glucose sensor use. The practical use of sensors in all age groups, including toddlers, and any related psychological issues are also discussed.

This volume allows health care professionals, pediatric trainees and medical students caring for children with type 1 diabetes to increase their understanding of sensor use, making this technology easier and more reliable to use.

[online]

Movement difficulties in developmental disabilities: practical guidelines for assessment and management / David Sugden, Michael Wade. Mac Keith Press, 2019.



This book presents the latest evidencebased approaches to assessing and managing movement disorders in children. Uniquely, the authors have chosen to examine not just children with developmental coordination disorder, but also children with movement difficulties as

a co-occurring secondary characteristic of another development disorder, including Attention Deficit/Hyperactivity Disorder, Autism Spectrum Disorder, Specific language Impairment and Dyslexia.

Guidelines are underpinned by motor learning theory, empiricism and professional practice. The authors have taken an ecological approach to management and show how professionals and carers working together can make relatively simple changes in a child's life that aggregate to substantial support.

The book is rich in case studies to demonstrate the adaptability of these guidelines and show how they may be applied to children of different ages, abilities, and environments. The final chapter is comprised of interviews of thirteen notable clinicians and academics with intervention methodologies from around the world.

[online]

Guyton & Hall Textbook of medical physiology / John E. Hall, Michael E. Hall. 14th ed. Elsevier, 2021. [12th ed, 2011 in print]



Known for its clear presentation style, single-author voice, and focus on content most relevant to clinical and pre-clinical students, *Guyton and Hall Textbook of Medical Physiology* employs a distinctive format to ensure maximum learning and retention of complex concepts.

A larger font size emphasizes core information, while supporting information, including clinical examples, are detailed in smaller font and highlighted in pale blue - making it easy to quickly skim the essential text or pursue more in-depth study. This two-tone approach, along with other outstanding features, makes this bestselling text a favorite of students worldwide.

[online]

<u>Nursing management of pediatric disaster</u> / Catherine J. Goodhue, Nancy Blake, editors. Springer, 2020.



This textbook describes what nurses need to know about pediatric disaster nursing, including public policy, and addresses preparedness for all types of disasters (natural and man-made) and strategies for hospital, school and community preparedness.

The book opens with a brief history of disaster nursing and explains the key differences between pediatric and adult disaster nursing. Recent years have been marked by numerous man-made and natural disasters, which have led nurses to seek new resources to be better prepared, in their role as nurses, for all types of disasters.

Responding to this lack of resources, the book focuses on the unique needs of babies and children. It is the first and only textbook on pediatric disaster preparedness to include both the physical and psychological effects of disaster. Key aspects covered include: the psychosocial differences in and how to approach children; family reunification; medications, supplies and equipment; and decontamination.