### Why Are COVID-19 Vaccination Booking Websites So Difficult to Use?

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Occasional Seminar, Human Centred Computing (HCC), School of Computing, ANU College of Engineering & Computer Science, Canberra 2pm, 9 June 2021, UTC+10 hours, Seminar Room N101, CSIT Building, Australian National University, Canberra & via Zoom

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- Blogs as the Higher Education Whisperer



#### Public Health Emergency declared for ACT

"The ACT Minister for Health Rachel Stephen-Smith has declared a Public Health Emergency in response to the rapidly evolving COVID-19 situation across Australia."

Joint media release, Andrew Barr & Rachel Stephen-Smith, ACT Government, 16/03/2020

"From 3 May, people aged 50 years and over will be able to access AstraZeneca vaccinations via CVCs and state and territory clinics."

COVID-19 vaccination program Phase 1b, Department of Health, Commonwealth of Australia, 23 March 2021

### **Finding Where to Get Vaccinated**

A web search using Google for "covid19 vaccine booking", returned:

1. **COVID-19 Vaccine Booking** - Book An Appointment (Ad) https://www.health.gov.au/

2. COVID-19 vaccinations - Available now in Canberra (Ad) https://www.nhc.coop/

3. How will I get my COVID-19 vaccine? | Australian Government ...www.health.gov.au

4. **Booking your COVID-19 vaccination** - COVID-19 - ACT Health www.covid19.act.gov.au

### Emergency websites are difficult to design

- Tunnel vision
- Need for rapid change



Sahana disaster management system for the December 2004 Tsunami. URL https://www.tomw.net.au/2005/wd/birdflu.sh tml

### **Emergency Website Assessment**

Findability
Accessibility
Navigation
Content
Credibility



From: Evaluating Emergency Management Websites: Assessment Criteria, M. Shelby Canterford, ANU, March 2004 URL

http://web.archive.org/web/20050617040021if\_/http://www.watersprite.c om.au/~shelby/emweb/assess\_criteria.rtf

Map of Fires Around Canberra 17 January 2003, Sentinel, CSIRO, 2003, URL: http://www.sentinel.csiro.au

### **Federal Health Website**

Home > Initiatives and programs

#### **COVID-19 vaccines**

The latest news and information about COVID-19 vaccines in Australia.



 Listen 🔒 Print Share Information in your ۲ language **Popular pages**  Getting vaccinated – information pack Vaccine phases and priority groups About the AstraZeneca vaccine · How to get vaccinated Advice for vaccine providers

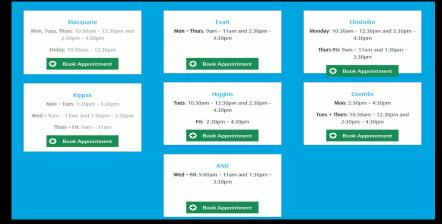
From: https://www.health.gov.au/initiatives-and-programs/covid-19-vaccines

#### Vaccination centres suggested for O'Connor <u>ACT</u>

Please use online appointments where available to reduce call volumes to clinics. If you can't find an appointment or a clinic in your location, please check back in a week. Q O'CONNOR, ACT 2602 Sort by: EARLIEST NEAREST AVAILABLE Map Satellite Wattle Street Medical Practice Immunisation service Ph: 0262474807 MORE INFO Section Phone booking only YourGP@Lyneham Immunisation service Ph: 02 6109 0000 MORE INFO Open today Teistra Tower 🗠 8:00 am - 6:00 pm Open now Phone booking only R National Arboretum C Man data @2021 Google Terms of Use Report a map error Australian Institute of Sport Sports Medicine Immunisation service These are the COVID-19 vaccination clinics in the area

https://covid-vaccine.healthdirect.gov.au/booking/search-results on May 17, 2021

### **National Health Co-op**



National Health Co-op COVID-19 Booking details: https://www.nhc.coop/services/flu-shots-and-vaccines/

## **Second Federal Government Web Page**

## Vaccines for everyone in Australia

COVID-19 vaccines will be free for everyone living in Australia. You will **not** need a prescription from a GP to get vaccinated.

If you don't have a Medicare card, or are not eligible for Medicare, you can still get a COVID-19 vaccine.

# Book or register for COVID-19 vaccination

Use the Eligibility Checker to find out when you can receive a vaccine. If you are eligible, you will be able to view vaccination locations

How will I get my COVID-19 vaccine?

Getting a COVID-19 vaccine if you are not eligible for Medicare

Who can get vaccinated for COVID-19?

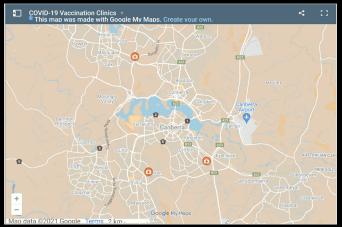
Why should I get vaccinated for COVID-19?

When will I get a COVID-19 vaccine?

What should I do before I get vaccinated for COVID-19?

Federal how will I get my vaccine page. https://www.health.gov.au/initiatives-and-programs/covid-19-vaccines/getting-vaccinated-for-covid-19/how-will-i-get-my-covid-19-vaccine

### **ACT Health**



#### ACT Health clinics map

### Act Health MyDHR Registration



#### Activate your MyDHR

We'll need some information in order for you to sign up for MyDHR.

Make sure you include your first name, middle name (if you have one) and surname so that we can cross check your existing health care information with information in our system.

If you don't have a Medicare card and/or have never visited an ACT public health facility, you will not be able to sign up to MyDHR.

If this applies to you, call the ACT COVID-19 Vaccination Line on 02 5124 7700 between 7am to 7pm, Monday to Friday.

When filling out the Medicare Number, please note the format needs to be XXXXXXXX where the last digit is what appears next to your first name on your Medicare card. MyDHR not recognising your Medicare card? Get help on the ACT COVID-19 website.

* Indicates a required field		
Name		
* First Name	Middle Name	Surname
Other information		
*Date of birth (DD/MM/YYYY)		
*Medicare Number XXXXXXXXXXXX		

Act Health MyDHR Registration Screen: https://www.mydhr.act.gov.au/MyChartprdv/signup

## **Medicare Number Problem**

#### Federal government:

#### "Enter your Medicare card number, followed by your Individual Reference Number"



https://www.servicesaustralia.gov.au/individuals/online-help/medicare/link-medicare-mygov-using-linking-code#a2

#### ACT Government:

"... Medicare number, please note the format needs to be XXXXXXXXXXXX where the last digit (IRN) is what appears next to your first name on your Medicare card".

### **Need Most Vaccinated**

- To open the economy
- Prevent mass casualties
- Issue certificates for travel & work



#### WHO Digital Vaccination Certificate

#### Suggested Changes to Vaccination Booking Websites

1. Booking Links at top of page

2. Show online booking sites first

3. Allow ACT residents to register online with ACT Health

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40 to 49+ Book!

### For more information

Why Are COVID-19 Vaccination Booking Websites So Difficult to Use?, blog post, Higher Education Whisperer, 2 June 2021, https://blog.highereducationwhisperer.com/2021/06/why-are-covid-19-vaccination-booking.html

Quick Check of the Sahana Disaster Management System, for Tools for New Media and the Web (COMP1710), 13 March 2006, The Australian National University, Canberra. https://tomw.net.au/2005/wd/sahana2.shtml

Designing an influenza pandemic web site for Australia, Assignment for "Networked Information Systems" (COMP2410/6340), 2009 https://blog.tomw.net.au/2009/05/designing-influenza-pandemic-web-site.html