

Sean Hasselback

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Professional Portfolio

# OptionsProfitCalculator.com

Stock-options calculator single-page-app, receiving 1000+ visits per day.

- › Custom PHP backend, querying various stock data websites.
- › Javascript / jQuery frontend, making asynchronous AJAX requests to the backend for new calculations and retrieval of stock data.

**Options Profit Calculator**

Home Calculators About Membership Contact

Basic: Covered Call, Long call (bullish), Long put (bearish)  
 Naked call (bearish), Naked put (bullish)  
 Spreads: Call Spread, Put Spread, Calendar Spread  
 Advanced: Butterfly, Diagonal sprd., Iron Condor, Strangle, Collar, Double Diag., Straddle, Cov'd Strangle

Current calculations: SPY Oct 190 Long call (bullish)

**Long call (bullish) Calculator**

Purchasing a call is one of the most basic options trading strategies and is suitable when sentiment is strongly bullish. It can be used as a leveraging tool as an alternative to margin trading.

Underlying stock symbol: Symbol: SPY, Current price: \$ 192.13, Get price

Option: Buy or write: Buy, Option: 9<sup>th</sup> Oct \$190.00 Call, Price per option: \$ 3.96, Contracts: # 1 x 100, Total cost: \$396.00, Select option

Manual entry options

Add calculation in new tab, Calculate, More output options

**Estimated returns - SPY at \$192.13 on 1st Oct**

Initial outlay: \$396 (net debit) see details  
 Maximum risk: \$396 at a price of \$190 at expiry  
 Maximum return: infinite on upside  
 Breakevens at expiry: \$194.00

Share this on: Facebook, Twitter, LinkedIn or Get short-link to share

	Oct									
	1	2	3	4	5	6	7	8	9	10
210.00	406	406	406	406	406	405	405	405	405	405
208.50	368	368	368	368	368	367	367	367	367	367
207.00	331	330	330	330	330	330	330	330	329	329
205.50	293	293	292	292	292	292	292	292	291	291
204.00	256	255	255	255	254	254	254	254	254	254
202.50	219	218	218	217	216	216	216	216	216	216
201.00	183	182	181	180	179	179	179	179	179	178
199.50	148	146	145	143	142	141				
198.00	114	112	110	108	106	104				
196.50	83	85	76	75	71	67	67	62	64	64
195.00	58	47	47	44	31	34	3.6	2.5	2.8	2.3
193.50	27	34	37	1.9	7.83	3.54	-1	-5.6	-9.8	-12
192.00	-2.3	-6.1	-10	-14	-19	-24	-30	-36	-43	-49
190.50	-24	-28	-33	-37	-42	-47	-54	-61	-70	-87

Trades to close position: sell 9<sup>th</sup> Oct \$190.00 Call 1x100 \$6.50 \$650.00, Initial outlay \$-396.00, Total

Detail: \$196.50 on 10th Oct 2015

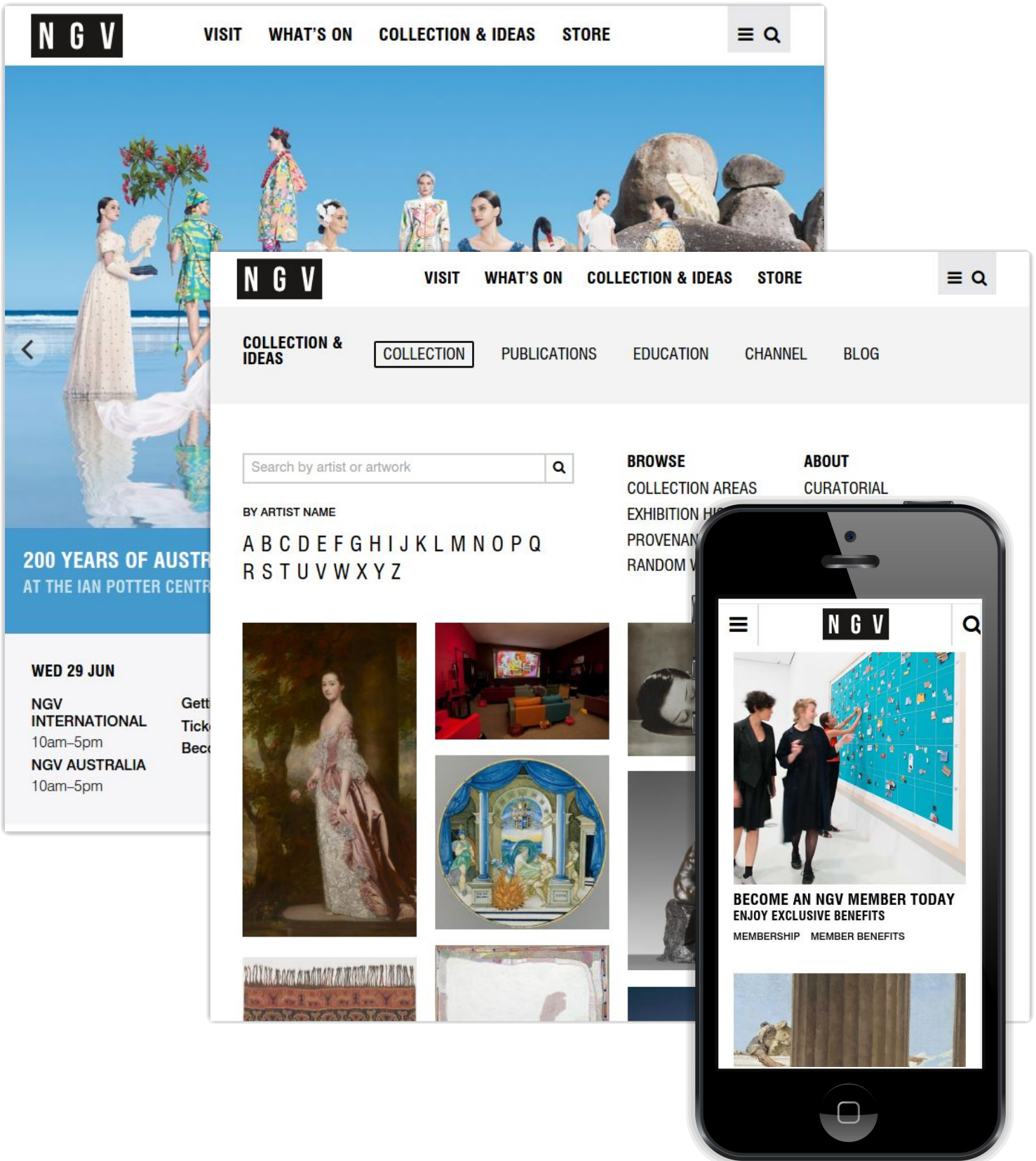
Options Profit Calculator mobile view: SPY Oct 190 Long call (bullish) calculator showing estimated returns and breakevens.

- › Utilises: Google Charts API, Google Analytics for SEO optimisation, Google Adsense for advertising.
- › Mobile and tablet friendly design.

# National Gallery of Victoria website

Contributing developer on the NGV website.

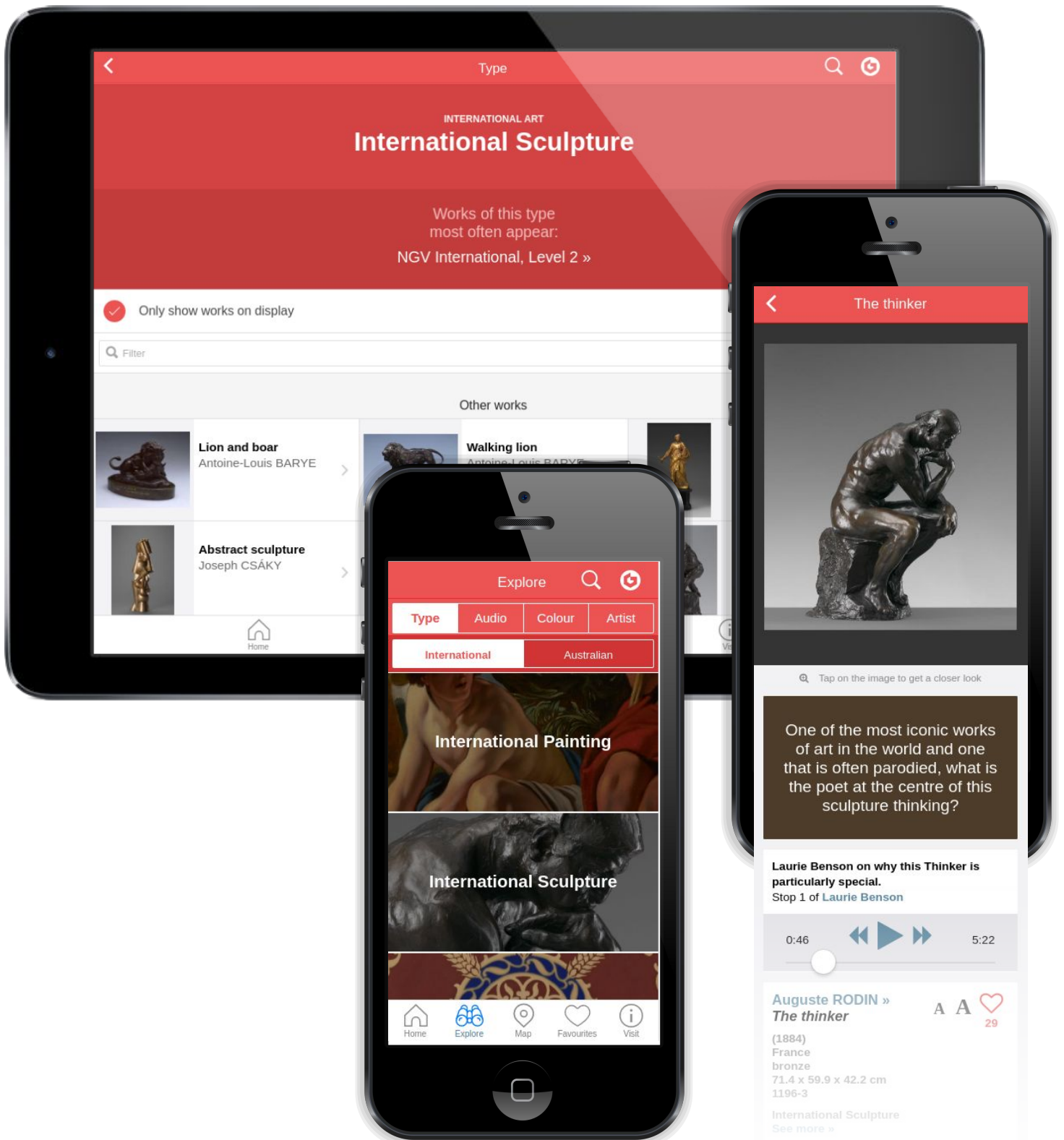
- › Maintaining Wordpress site integration with multiple external services, including Elasticsearch server, gallery collection image server and ticket sales system.
- › Developed the gallery information screens to be centrally manageable with automated content delivery from the website's exhibition and program data.
- › Consulted on system architecture, deployment workflow, diagnosis of site and server performance issues.



# NGV.guide webapp and mobile app

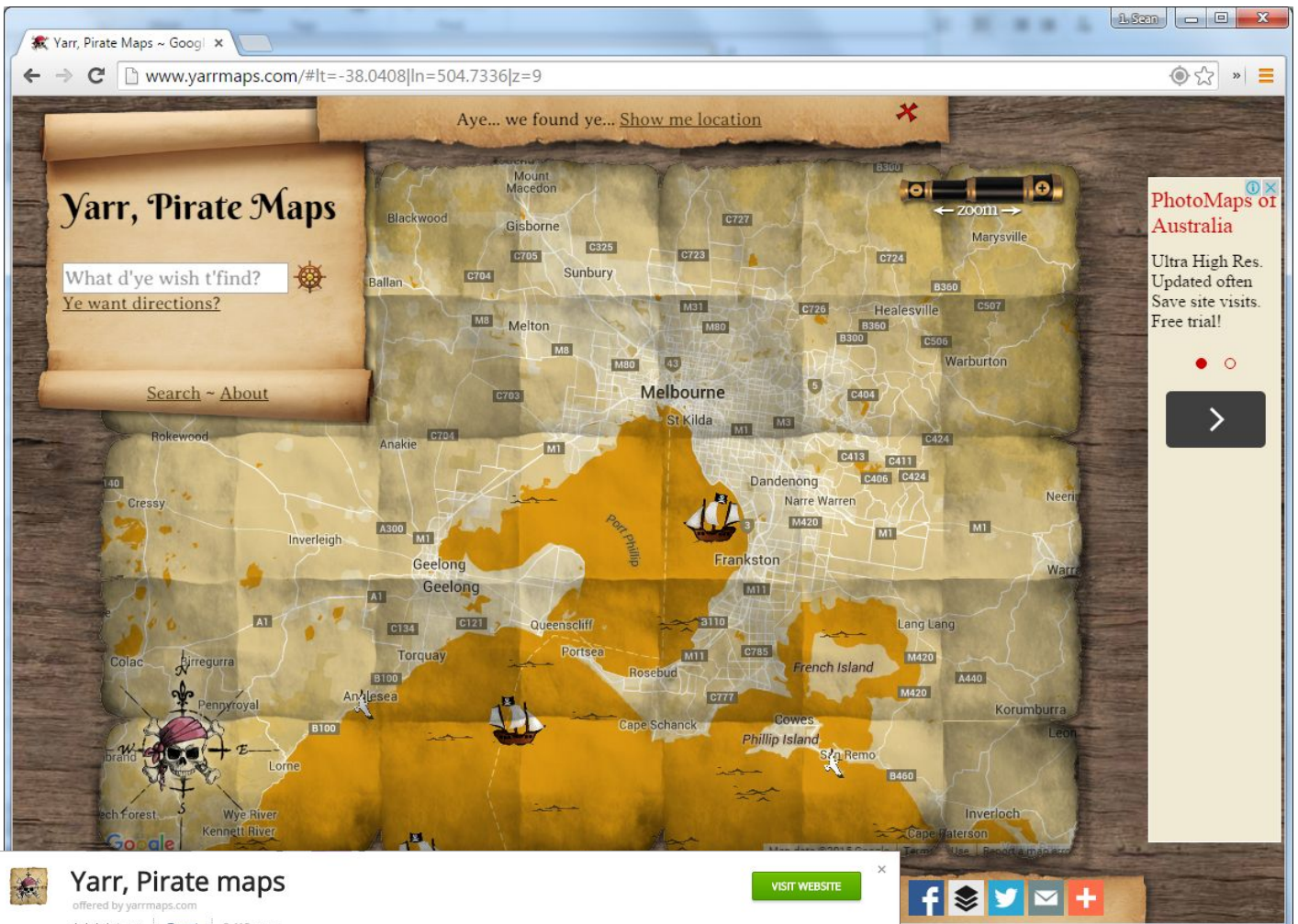
National Gallery of Victoria guide. Mobile website at [ngv.guide](http://ngv.guide) and loan device.

- › Build using Ionic framework (AngularJS and Cordova) to publish to both web and native app.
- › User log-in and registration which links with the gallery's CRM database so users can log in with their existing accounts.
- › Ability to save favourite artworks and rooms to get recommendations on other artworks.



Pirate-themed custom Google maps integration.

- › Uses javascript / jQuery, Google places API, HTML5 geolocation.
- › Available as Chrome extension, and featured on the official Talk Like a Pirate Day website.



**Yarr, Pirate maps**  
offered by yarrmaps.com  
★★★★★ (12) | Travel | 2,418 users

[VISIT WEBSITE](#)

OVERVIEW | REVIEWS | SUPPORT | RELATED | G+1 | 25

Compatible with your device

Pirate themed google maps

**Yarr, Pirate Maps**

Saint Germain, Nord, H  
Ye want directions?

Via HT-1

- Head south-west
- Sharp left towards Route 306
- Continue straight onto Route 306
- Turn right onto Route Marchand Dessalines - St Michel de L'Atalaye
- Turn left to stay on Route Marchand Dessalines - St Michel de L'Atalaye
- Slight right towards Route Marchand Dessalines - St Michel de L'Atalaye
- Slight right onto Route Marchand Dessalines - St Michel de L'Atalaye
- Turn left towards Route Marchand Dessalines - St Michel de L'Atalaye

Search ~ About

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- Pirate Links
- + Contact us
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Subscribe to *The Poopdeck* to learn what the Pirate Guys are up to the rest of the year

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## The Googly Map o' Pirate Fun

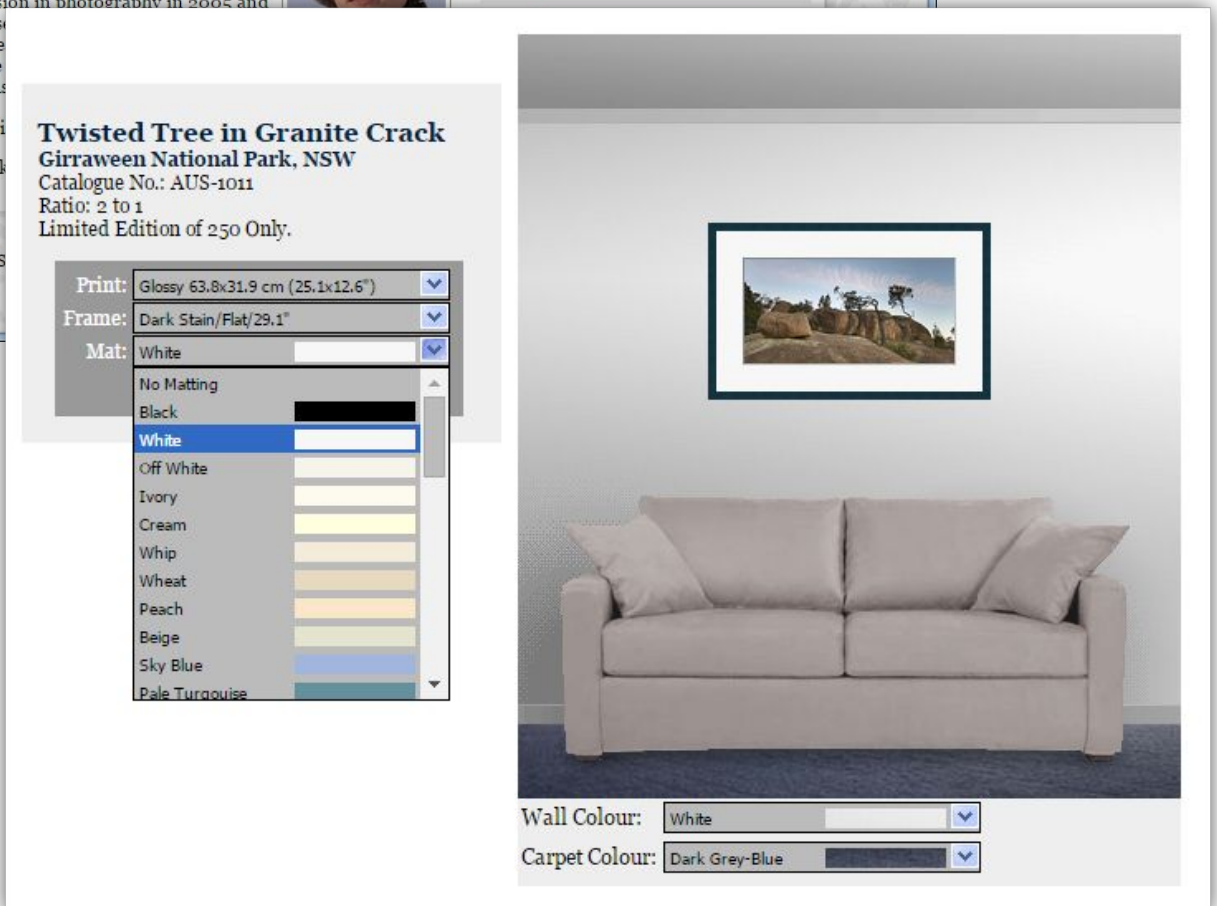
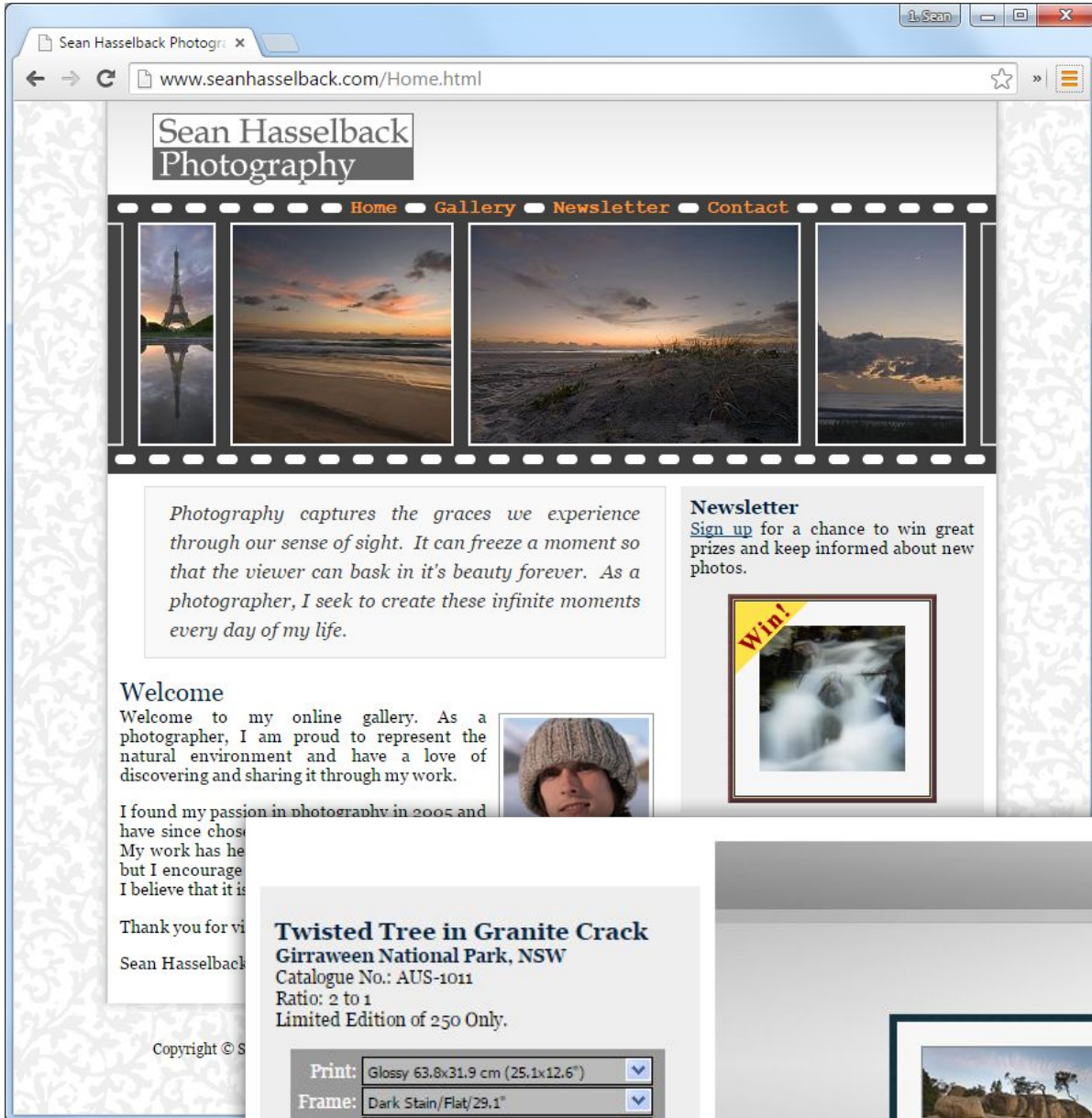
(Thanks to our mate Sean Hasselback, who crafted the custom map for us, for repairing it each year when Google changes its code! And while he was on vacation, too!)



# Photography Portfolio website

My personal photography portfolio, <http://photography.shass.co>

- › Custom PHP / MySQL backend, PayPal ordering integration.
- › Dynamic framing preview with customisable room decor.



# Australian College of Rural and Remote Medicine (ACRRM)

Lead web developer for the College's corporate website

- › Drupal CMS based website.
- › Scoping and development of jobs board, and events calendar.
- › Scoping and development of an invoice system.
  - Integrated with web-forms and PayWay online and phone payment gateway.
  - Automatic generation of payment reports for import to MYOB.

The screenshot shows the ACRRM website interface. At the top, there is a navigation bar with links for Home, Membership, Pay an invoice, Find a Fellow, Feedback, Contact, and Site Login. Below this is a main banner area with a large green box titled 'Take your next step to Fellowship' and a sub-headline 'Registrar assessment dates for 2015 ...'. To the right of this banner is a 'Membership' section with a 'Join' button and a 'RRMEO/ Online Learning' section with a 'More' button. Below the banner is a large illustration of a family with the text 'Do you want to Be a better doctor™? Find out how to 'Be a better doctor''. The bottom section is titled 'Courses & Events' and features an 'ACRRM Events Calendar' with a dropdown menu for 'View events in' set to 'October 2015'. The calendar lists several events, including 'Rural Emergency Skills Training (REST) 2015' on October 20th, 'RMA15 Pre-conference workshops' on October 21st, and 'Rural Medicine Australia 2015 (RMA15)' on October 22nd. A 'For Fellows' section is also visible on the left side of the bottom section.

Welcome | Australian Coll... x  
old.acrrm.org.au

**Australian College of Rural & Remote Medicine**  
WORLD LEADERS IN RURAL PRACTICE

Call Us: 1800 223 226 Search this site...

Home | Membership | Pay an invoice | Find a Fellow | Feedback | Contact | Site Login

About | Programs | Curriculum | Courses & Events | Resources | News | Advocacy & Policy

\$2500 President's Prize  
Registrar assessments 2015  
Become a JFPP mentor  
Upcoming REOT courses  
Jobs available  
More news ▶

Take your next step to Fellowship  
Registrar assessment dates for 2015 ...  
Advance towards the independence, status, and rewards open to Fellows of ACRRM. Enrol online now...

Membership Join ▶  
Enjoy member benefits, develop your career... More ▶

RRMEO/ Online Learning More ▶  
clinical guidelines, online groups... More ▶

Collaborate More ▶  
partner, sponsor, joint venture with ACRRM More ▶

Work More ▶  
Jobs at ACRRM, member's practices, hospitals etc...

Do you want to Be a better doctor™?  
Find out how to 'Be a better doctor'

For Fellows  
Professional development, vocational recognition, procedural grants, mentoring, networking, online learning  
Find out more ▶

Courses & Events  
▶ ACRRM Events Calendar  
▶ 2nd World Summit on Rural Generalist Medicine - Montreal, Canada; 8-9 April 2015  
▶ A World of Rural Health conference 2017  
▶ Rural Emergency Obstetrics Training (REOT) 2015  
▶ Rural Emergency Skills Training (REST) 2015  
▶ Advanced Life Support courses  
▶ Ultrasound Program  
▶ Mental Health  
▶ Dermatology: Certificate in Primary Care  
▶ Autism Spectrum Disorders in Childhood and Adolescence  
▶ Cultural Awareness (PIP)  
▶ Rural Medicine Australia  
Join ▶

Home  
ACRRM Events Calendar  
View events in October 2015

**Rural Emergency Skills Training (REST) 2015**  
20<sup>th</sup>  
Tuesday, 20 October 2015 - Wednesday, 21 October 2015  
Pre Rural Medicine Australia Conference  
Contact: Courses@acrrm.org.au  
Read more ▶

**RMA15 Pre-conference workshops**  
21<sup>st</sup>  
Wednesday, 21 October 2015  
Contact: ACRRM courses  
Phone: 0731058200  
Email: courses@acrrm.org.au  
Description:  
**Full day clinical workshops:**  
Ultrasound use in Emergency Medicine  
RANZCOG Fetal Surveillance Workshop  
Plus  
2015 Forum (Supervision and...  
Read more ▶

**Rural Medicine Australia 2015 (RMA15)**  
22<sup>nd</sup>  
Thursday, 22 October 2015 - Saturday, 24 October 2015  
Adelaide Convention Centre, Adelaide SA  
Contact: ACRRM  
Phone: 0731058200  
Email: marketing@acrrm.org.au  
Read more ▶

Join ACRRM  
Enjoy member benefits, develop your career...



About ▾ | Programs ▾ | Curriculum ▾ | Courses & Events ▾ | Resources ▾ | News ▾ | Advocacy & Policy ▾

**Join ACRRM**  
Join

Enjoy member benefits, develop your career...

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**Collaborate**  
More

Opportunities to partner with ACRRM ...

---

**Online Learning**  
More

RRMEO, clinical guidelines, online groups ...

---

**Work**  
More

Home » Work

## Work at ACRRM

**Emergency Department Consultant**

**Dubbo, NSW**  
Date Posted: 18 September 2015. Applications Close: 6 October 2015

Public Hospitals (Visiting Medical Officers - Sessional Contracts), VMO - Fee For Service or Sessional

[Read more](#) ▶

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**Medical Officer Private Practice (MOPP)**

**Mackay, QLD**  
Date Posted: 10 September 2015. Applications Close: 5 October 2015

Clermont MPHS or Dysart Hospital, Division of Rural Services, Mackay Hospital and Health Service

[Read more](#) ▶

## View invoices

Payment Reference Number:  Business unit/team:

First name:  Last name:  Email:

Invoice status:  Age:   Created by me [Search](#) [Reset](#)

Payment reference	Due date	Description	First name	Last name	Payment status	Price	Actions
<a href="#">150507408</a>	On invoice	<a href="#">ALS COURSE - SYDNEY, NSW - Saturday 21 November 2015: ACRRM member</a>			Paid via PayWay Net	1287.00	
<a href="#">150507390</a>	On invoice	<a href="#">Rural Emergency Skills Training (REST) - Sydney, NSW 7-8 November 2015: Non-member</a>			Paid via PayWay Net	3085.50	
<a href="#">150507382</a>	On invoice	<a href="#">ALS ...</a>			Paid via		
<a href="#">150507374</a>	On invoice	<a href="#">ALS ...</a>					
<a href="#">150507366</a>	On invoice	<a href="#">Rural ...</a>					

### Pay an invoice

Please enter the Payment reference number. This 9-digit number can be found in the top-right of your invoice.

**Payment reference number:**  Invoice found

**Name:**

**For:** Rural Emergency Obstetrics Training (REOT) - Brisbane, QLD, 14 November 2015

**Amount:** \$1545.50

After clicking the button below you will be forwarded to Westpac's PayWay.com.au to complete this payment via credit card.

We accept the following credit cards:

[Pay by credit card](#)



# ACRRM eHealth

Lead designer and developer of the ACRRM eHealth website

- › Drupal CMS based website, with LDAP-directory integrated user registration.
- › Telehealth provider directory, Technology directory,

**Australian College of Rural & Remote Medicine**  
WORLD LEADERS IN RURAL PRACTICE

Search this Site

**eHealth** National eHealth Program ▾ Telehealth ▾ Discussion Forums Social media ACRRM ▾

**Telehealth Provider Directory**  
Find a Telehealth specialist  
Find a Telehealth generalist  
Register your organisation and your clinicians

**Tech-e-Select**  
Video-conferencing solutions  
Facilitated solutions  
TeleHealth peripherals  
List your technology

**Forum activity**  
What's hot:  
"ePIP requirements consultation"  
"Management of Chronic and Complex Conditions in rural and..."  
"Do telehealth consistency gover..."  
"ACRRM rel eHealth vide"  
"Evaluation of MyEHR info out"

**ACRRM Telehealth Advisory Committee**

**Modules**  
Standards  
News  
TeleDerm  
Videos

**Advice & Information**  
Get eHealth ready ▶  
Telehealth step-by-step  
Upcoming eHealth events  
Events kits:

**Education & Standards**  
ACRRM Telehealth standards framework  
ACRRM Telehealth guidelines

**Resources**  
ACRRM Telehealth Tool Kit  
Video Gallery  
News articles  
RMA webcasts  
ATIS webcasts

**ACRRM eHealth**  
About us  
eHealth Programs ▶  
Our partners  
Membership  
Staff

## Refine results

### Connection interface:

- Any
- USB
- HDMI
- RCA
- Firewire

### Focal function:

- Any
- Auto
- Manual
- None

### Minimum distance:

cm

### Zoom functioning:

- Any
- Optical
- Digital
- None

### Minimum zoom:

x

### Price:

AUS  -

▶ [Reset search](#)

[Home](#) > [Peripheral Directory](#) > [Webcams](#) >

Refine your selection using the options on the left.

- [Philips Webcam Pro SPC1330NC/27](#)  
From: AU\$80.00 To: AU\$100.00  
Connection interface: USB  
Focal functioning: Auto  
Max resolution: 2MP (1920 x 1080)



- [MS Lifecam Studio 1080p](#)  
From: AU\$100.00 To: AU\$120.00  
Connection interface: USB  
Focal functioning: Auto  
Max resolution: 1920 x 1080  
Minimum focal distance: 10.00cm



- [HP HD-5210 Webcam](#)  
From: AU\$100.00 To: AU\$120.00  
Connection interface: USB  
Focal functioning: Auto  
Max resolution: 720p





## Finally a better alternative to Skype

Post Reply

37 replies [Last post]

Fri, 11/01/2013 - 3:07pm



Offline

Joined: 04/12/2011

Posts: 5

Practitioners wishing to conduct telehealth consultations now have the very latest technology at their disposal. More secure and far easier to use than Skype or any other video consultation platform. Based on the latest webRTC technology to deliver the audio and video, Medconsult.com.au allows practitioners to video consult with anyone simply by entering that persons phone number - conversely to answer a conference request, the other party, who receives an SMS notification of the request, simply enters their own phone number. It is really as simple as a phone call. HD video quality at full screen is immediately enabled. Totally P2P (peer to peer, ie your computer directly to their computer, with no server storing any of the fully encrypted call data). Because it is based on webRTC, there are no downloads or installs or software to be bothered with and it runs from an Internet browser. No more noninteroperable islands to be worried about as you can consult with anyone who has a phone number and can access a Browser on the Internet. Eg they do not have to be registered with Medconsult to participate, as is the case with Skype - you can now consult with non Skype users! Free for practioners. It really is a seriously good alternative. Enjoy

Top

Reply

#1 Fri, 11/01/2013 - 11:45pm



Offline

Joined: 16/12/2012

Posts: 19

WebRTC is going to be great, but it's not secure just yet. In fact, I'm fairly certain it's generally not secure at all currently, and certainly less than Skype.

None of the browsers have complete DTLS-SRTP support deployed in production versions at present (correct me if I'm wrong). Although it's not far away.

End-to-end verifiable privacy is mandatory in the spec (<https://tools.ietf.org/html/draft-ietf-rtcweb-security-arch-05>), but browsers aren't compliant. Even the nightly developer builds that have protocol level support (e.g. Chrome Canary since Christmas), don't have the necessary UI.

There's no means to check fingerprints or SAS match, as the screens haven't been implemented, which is a

[Home > Provider Directory > ACRRM Tele-Derm: a diagnosis from a dermatologist in 48 hours >](#)

## ACRRM Tele-Derm: a diagnosis from a dermatologist in 48 hours

Access to Tele-Derm is FREE for ACRRM members, RRMEO subscribers and GPs who work in rural Australia

[Back to search results](#)

Tele-Derm is an online resource designed primarily for rural doctors interested in obtaining practical advice on the diagnosis and management of skin disease in general practice.

Submit a digital photo of affected skin and a history (and diagnosis, if you've made one). An experienced dermatologist examines the evidence, and reports back to you - usually within two days - with diagnosis and/or treatment options.

GPs are also able to access online dermatological case studies, education opportunities, recommended links, and discussion forums. Dr Jim Muir moderates these discussions and answers questions arising in the forums.

Tele-Derm also allows rural doctors anywhere in Australia to electronically submit specific de-identified cases for assessment.

Watch the video to learn about ACRRM's Tele-Derm:



How to access tele-derm

GPs in RHOF funded areas of rural and remote Australia can get FREE\* access to Tele-Derm. [Click here](#) to sign up.



Learn how to get free access to ACRRM's Tele-Derm

### Refine results

Keyword search:

TeleHealth role:

- Patient end clinician
- Distant end clinician

Visiting specialists

Telehealth mentors

Specialities:

Currently selected:

- Dermatology

Filter selection options:

No options matched your search

Select: [all none](#)

States:

Medicare local:

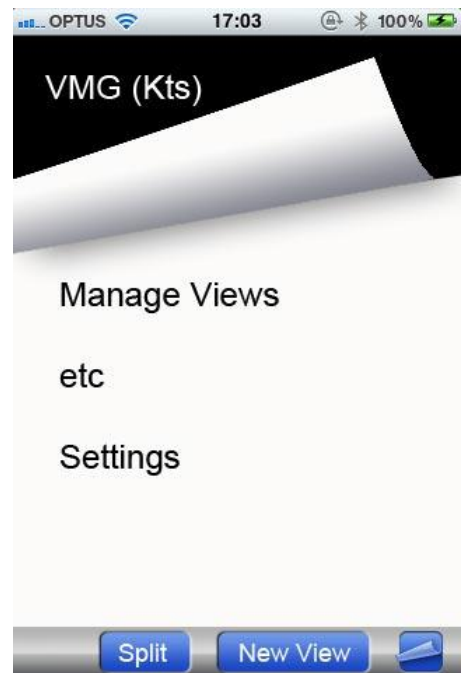
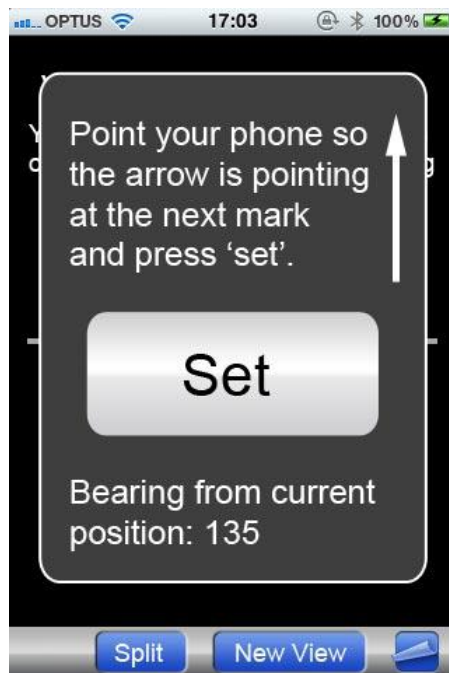
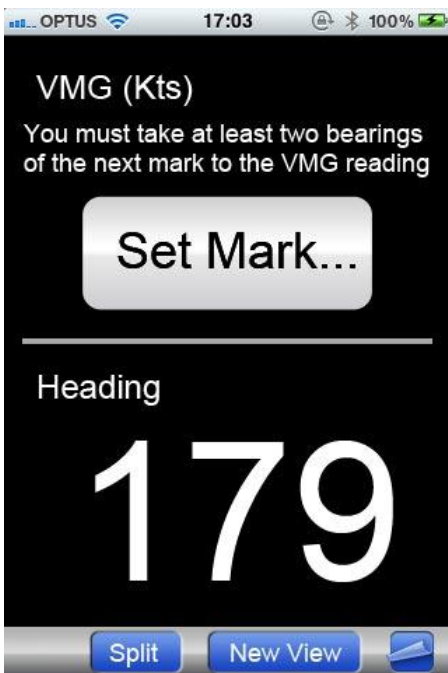
[Search](#)

[Reset search](#)

# Tack-tical Sailor

Proof of concept app for sailing instrumentation and racing tactics

- › Written in Titanium Appcelerator and PhoneGap.
- › Utilised Geolocation, compass, localStorage.
- › Project was scoped, wireframed and a proof of concept developed and tested on water.



## Games: Lesion\* of Honour

Interaction design and development of games for ACRRM for the 'Rural Medicine Australia', and 'Research Week' conferences.

- › Object-oriented Flash / actionscript.
- › Offline / online high-scoring systems.
- › Integration with an arcade peripheral control.

\* *mis-spelling intentional; it's a dermatology pun.*

The screenshot displays the game interface for 'Lesion of Honour: Cryo-Crisis III'. At the top, there is a 'Play Now' button and the game title. Below the title, a large image shows a close-up of a person's skin with a brown mole. The interface includes several elements:

- Top Bar:** 'your score: 30' and '18 seconds remaining' (with a red timer icon).
- Right Bar:** 'Case: 3'.
- Bottom Bar:** 'High Score: 0' and a 'more' button with a play icon.
- Medical Options:** Four circular icons representing different treatments: a spray bottle (labeled 'acrrm'), a hand (labeled 'Liquorice'), a syringe (labeled 'Liquid Nitrogen'), and a tube of ointment (labeled 'steroid').
- Targeting:** A red circle with the number '15' is positioned over the lesion, with a white beam of light from a spray bottle icon at the bottom left.
- Footer:** 'Australian College of Rural and Remote Medicine'.

# Data Mine (Research Week Conference Game)

**RESEARCH WEEK**

# DATA MINE

**RULES:**

Use the arrow keys to collect each of the research treasures.

Make sure you collect them in the correct order (see below).

Beware the rival researchers and don't run out of Funding.

**Play Scores**

Literature Review Ethics Data Data Analysis Publication

The title screen features a character with a pickaxe standing on the word 'DATA' of the title. Below the title are five treasure chests labeled 'Literature Review', 'Ethics', 'Data', 'Data Analysis', and 'Publication'. The background is a dark cave with a wooden frame.

Funding: \$ 73,500

Literature Review Ethics Data Analysis Publication

The gameplay screen shows a top-down view of a maze-like underground world. At the top, a status bar displays 'Funding: \$ 73,500' and three icons of rival researchers. Below the status bar are five small icons representing the research treasures: Literature Review, Ethics, Data, Analysis, and Publication. The maze is composed of grey stone walls and brown dirt paths. A player character is visible near a wooden house in the center. Several rival researcher characters are scattered throughout the maze. The player's goal is to collect the treasures in the correct order while maintaining their funding level.

# Whack-a-Mole (Rural Medicine Conference Game)

## WHACK-A-MOLE

Cryo-Crisis V



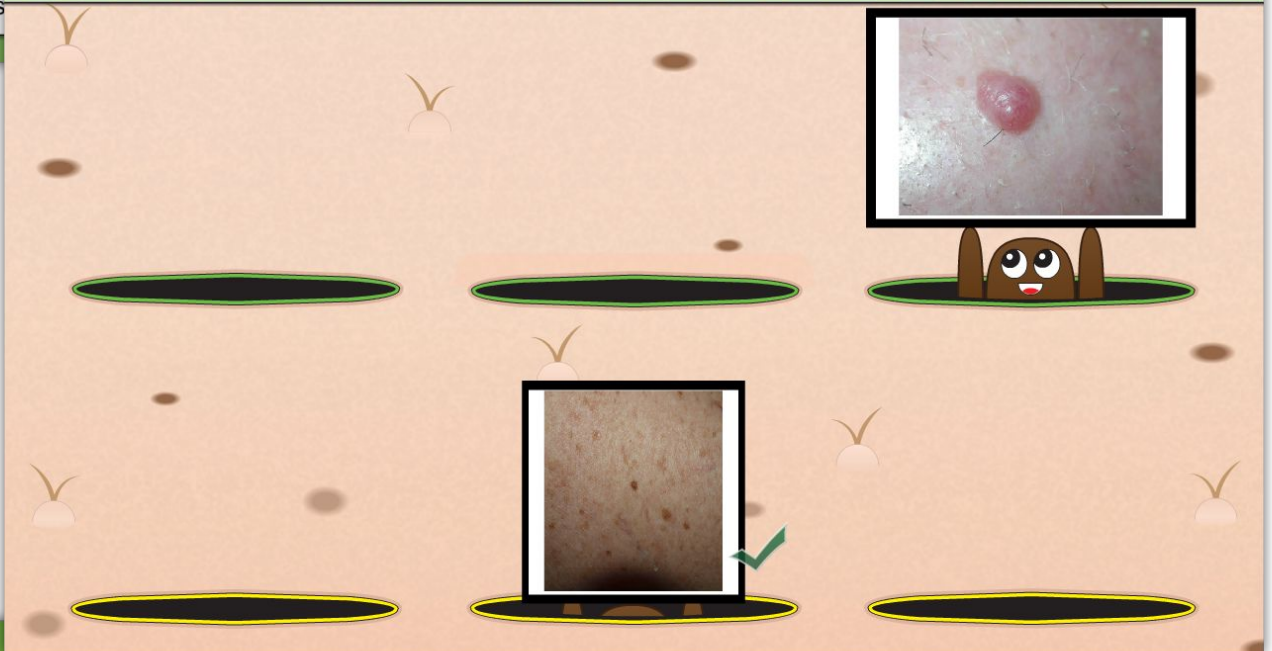
### How to Play

- Push the RED button to start.
- Moles will pop up, each holding an image.
- Determine whether the lesion requires removal, and press the corresponding button if it does.
- Leave images which do not require treatment.
- If you treat an aggressive lesion...



Push **RED** to start

Score: 50



## CONGRATULATIONS

Your score was: 80

Please enter your initials

▲ ▲ ▲

S H X OK

▼ ▼ ▼

