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# ANNUAL REPORTS, BROCHURE, PUBLICATION & CONFERENCE

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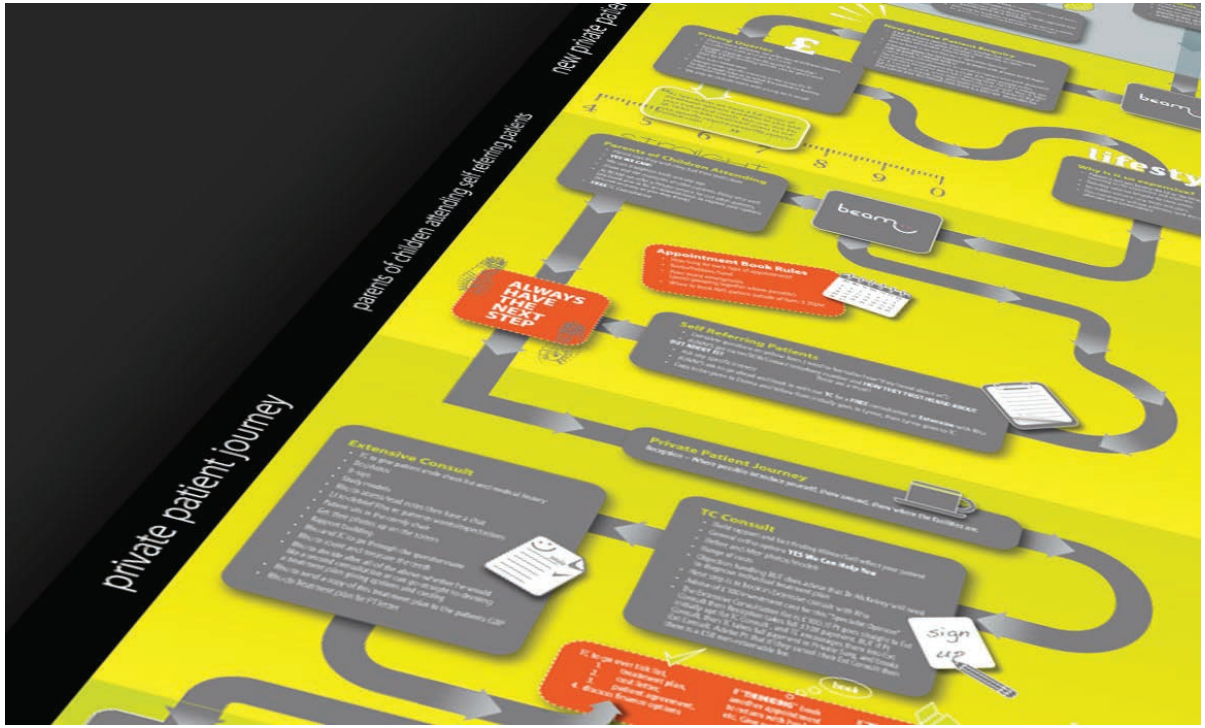
# INFO GRAPHICS



The World Strikes Back!
A global response to the threat of AMR
Did You Know?
The impact of AMR on basic routine patient care is very real and we must understand it better. We need new diagnostics, investment in prudent use of antibiotics as well as investment in new drugs.
You can help solve the problem of AMR by cutting down on waste and stopping the nonessential use of antibiotics.
Straightaway, new ways of identifying illness are needed – tests that tell scientists if an infection is viral or bacterial, what the bacterium is and, what the most effective drug against it is. We're relying on 19th century science for 21st century challenges and it is not wholly appropriate.
If the healing effect of antibiotics taken after surgery and cancer chemotherapy reduces by 30%, an additional 120,000 infections per year will be caused. This increase would make routine care of these health conditions very challenging.
Up to 51% of bugs causing infection following surgery are resistant to standard antibiotics that prevent infection.
Up to 27% of bugs causing infection following cancer chemotherapy are resistant to standard antibiotics that prevent infection.
We need to invest in learning and working better together.
Why? To increase our innovation, create new antibiotics, make better and more appropriate use of antibiotics in medicine and better understand the use of antibiotics outside medical settings.
Conservation is viable as an investment in new antibiotics because the reality is it would cost hundreds of billions of dollars to replace the world's entire portfolio of antibiotics.
Antibiotics are commonly used in animal husbandry bee-keeping fish farming and other forms of aquaculture, ethanol production, horticulture, antifouling paints, food preservation, and domestically in our homes.
One country can waste 27 MILLION courses of antibiotics for one type of infection per year. That is too much.
We can't afford to ignore the situation. We can't afford to NOT think differently about how we might innovatively respond to the threat of AMR as it "will lead to at least 10 MILLION extra deaths a year and cost the global economy up to $100 trillion or £64 trillion by 2050" (O'Neill, 2014).
THINK DIFFERENT
AB
$£€
ANIMAL HUSBANDRY · VETERINARY USE · BEE KEEPING · AQUACULTURE – FARMING OF FISH AND OTHER MARINE ANIMALS · ETHANOL PRODUCTION ·

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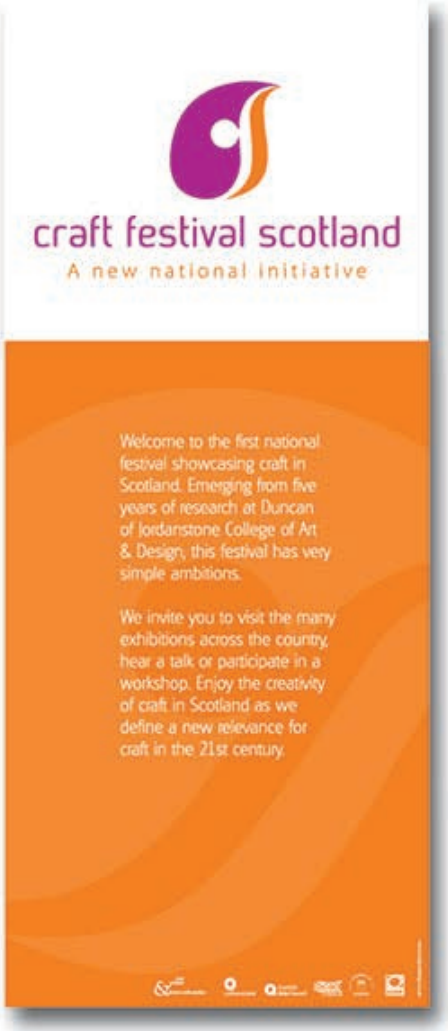
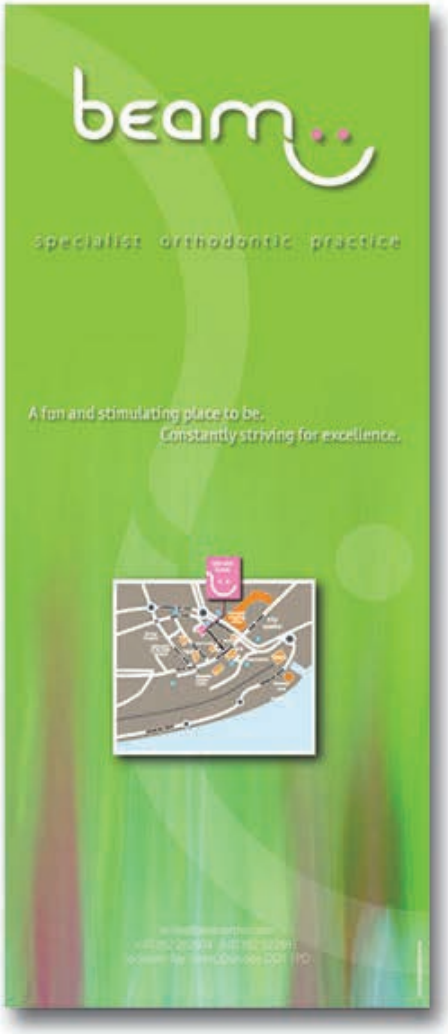
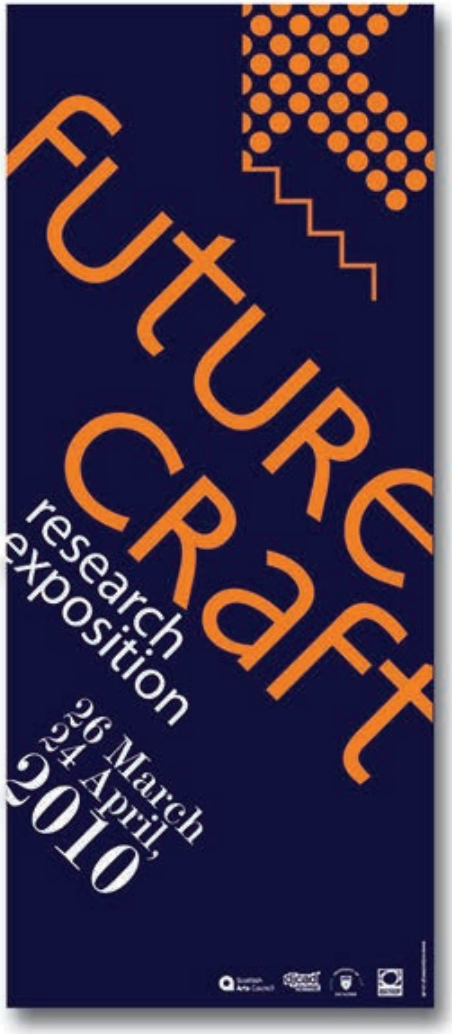
# POP UPS





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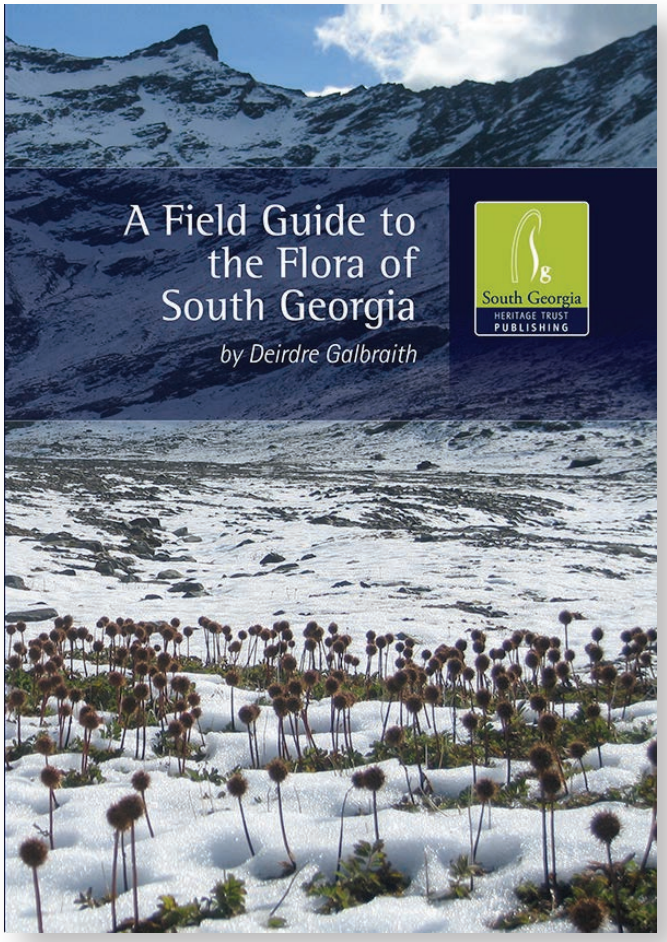
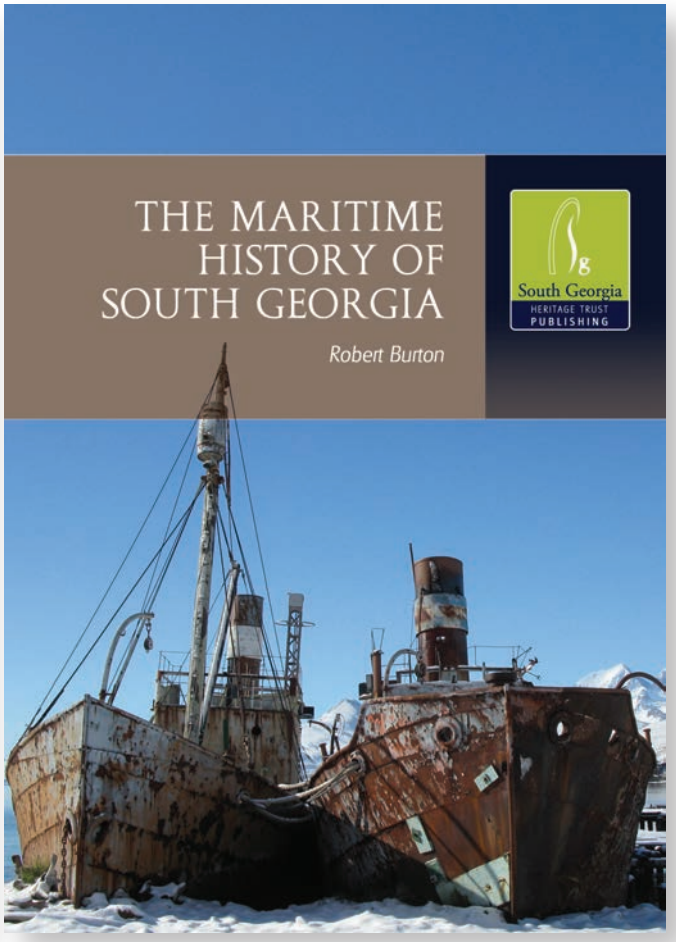
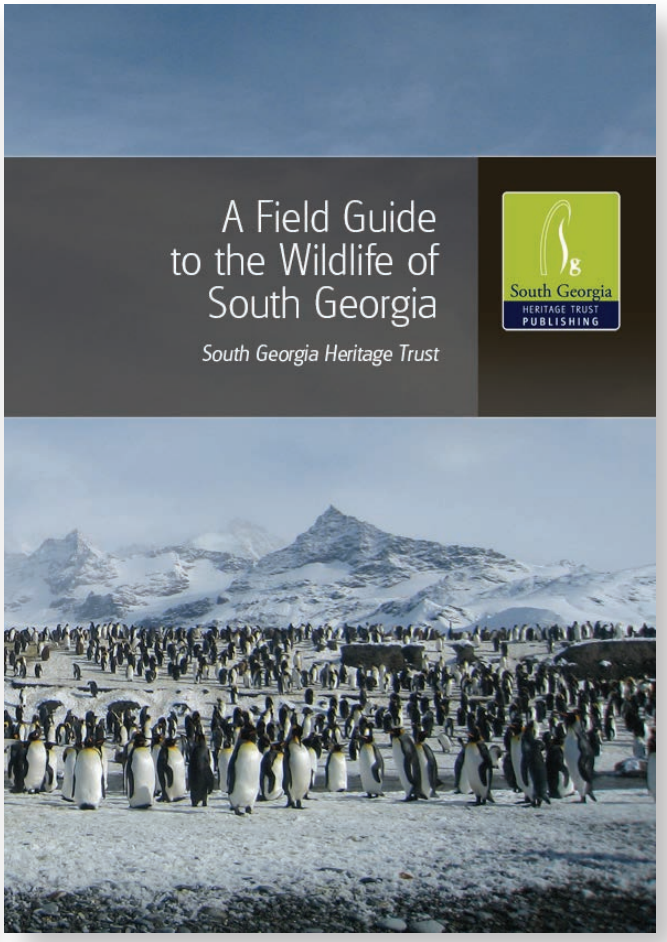
# BOOKS



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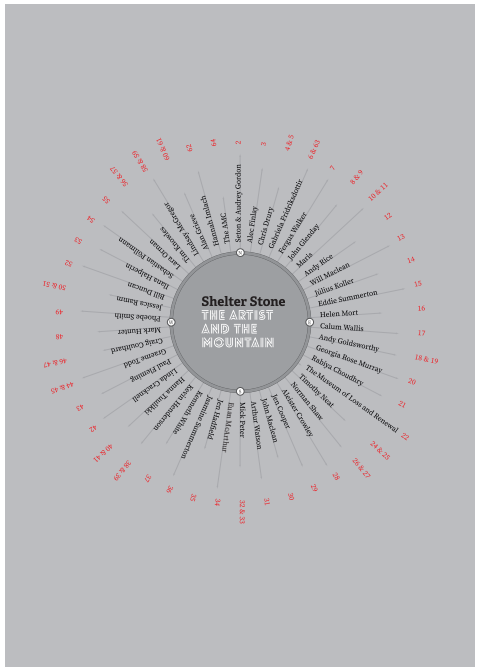
# INVITATION & PROMOS



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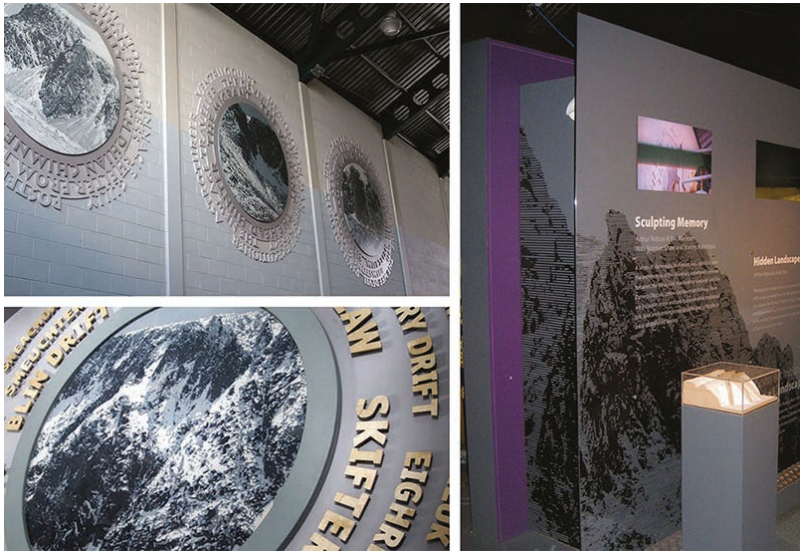
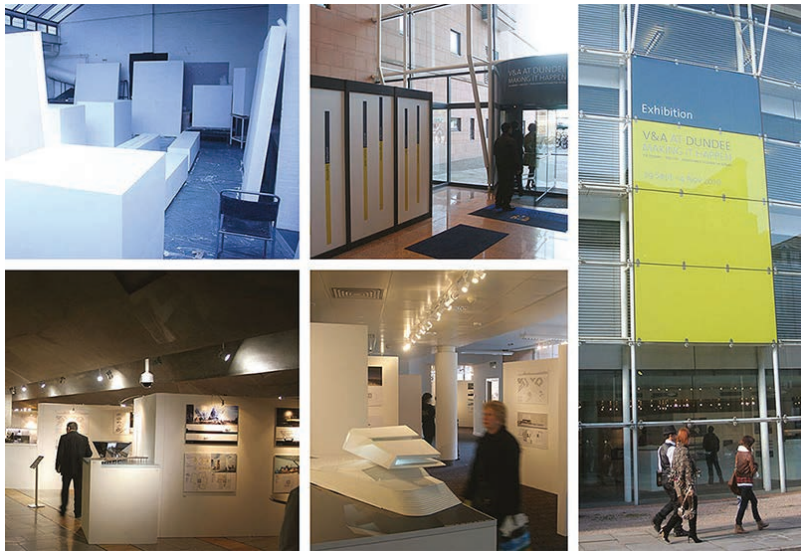
# EXHIBITION




CAIRNGORM MOUNTAIN

UNIVERSITY OF DUNDEE

SUSTAINABLE ENERGY SCOTLAND




V&A