Searching and beyond: The librarian's role in systematic reviews – a workshop case study

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Introduction

- Background
- Why
- How
  - Pilot
- The workshop
- Future

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Background - Catriona

How we met

PenCLAHRC workshop

Previous experience

Sports Council
Public Libraries

Current role

Subject Librarian, NHS
Background - Alison

Previous experience
  Government and marine research
  Extensive and comprehensive literature searching

Current role
  Information Specialist PenCLAHRC
Background – Why?

Courses already available
  Systematic reviewing
  Searching

Own learning

Talking to others

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Background - the gap

Putting the IS into the SR context

Clinical Librarians
University Librarians
New ISs working on SRs

Share experiences
Provide confidence
Be able to ask questions from peers
Fun and interactive
Practical

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How?

Course agreement
Date agreement
List of elements
Communication
Reviewer involvement
Pilot
How - Pilot

Content
Practicalities
Feedback

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Workshop Content

What is a systematic review
How do IS skills fit into an SR
Reference Management
Grey literature
Data extraction and synthesis

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IS skills

- Organising knowledge and information
- Knowledge and information management
- Using and exploiting knowledge and information
- Research skills
- Information governance and compliance
- Records management and archiving
- Collection management and development
- Literacies and learning
- Leadership and advocacy
- Strategy, planning and management
- Customer focus, service design and marketing
- IT and communication

CILIP Professional knowledge and skills base

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IS skills and SRs - Flow chart

- Question
- Scoping search
- Protocol
- Full search
- Title and abstract screening
- Full text screening
- Full text retrieval
- Full text screening
- Reference management

- Included references agreed
- Additional searching
- Data extraction
- Synthesis
- Update search
- Writing up

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Workshop

Advertising
  Discussion groups
  Twitter
  E-newsletters

Changes
  Experience Wall
  Reference management
  Grey literature/supplementary searching

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Workshop itself

18 people
  UK and abroad
  University/NHS/IS specialists
  Range of experiences

We all stayed all day
Asked questions from previous section
Lots of interaction
Lots of chocolate

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<table>
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<tr>
<th></th>
<th>Strongly agree</th>
<th>Agree</th>
<th>Neutral</th>
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<tbody>
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<td>Content was organised and easy to follow</td>
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<td>1</td>
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<tr>
<td>Content was relevant</td>
<td>16</td>
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<tr>
<td>Content was new</td>
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<tr>
<td>Trainers were well prepared</td>
<td>16</td>
<td>1</td>
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<td>Trainers were knowledgeable</td>
<td>15</td>
<td>2</td>
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<tr>
<td>Activities were relevant and useful</td>
<td>14</td>
<td>3</td>
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<tr>
<td>Activities were enjoyable</td>
<td>12</td>
<td>5</td>
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<tr>
<td>The balance between listening and doing right</td>
<td>11</td>
<td>6</td>
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<tr>
<td>Pace was right</td>
<td>12</td>
<td>4</td>
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</table>
Feedback – good stuff

• How our skills are useful and how we are can support those doing SRs. Good examples and advice
• What I thought I knew was correct!
• Use of trip & prisma, list of resources
• All excellent, interesting & well presented.
• New tips and resources useful for my role
• Time scales/how long each bit takes in practice & things not to fear
• Grey lit, trip, what is a SR, searching
Feedback - improvements

• Funnel plot shown but not explained
• Deep searching mentioned but not explained
• More detail on sensitivity/specificity
• More about how to do a proximity search
• Useful to see examples eg of an endnote database and how fields used

• Bit rushed due to lots of questions
• Make it two days and add more to the show
• ½ day follow up and ½ practical workshop
• More time doing activities
• Good not to be sitting in rows and to talk to different people
What next - suggestions

Another course
  will be a longer day
Additional day for:
  sharing session
  advanced practical sessions
  **endnote**
  clinical trials registries
Create an online community
Create an community who can meet (HLG subgroup?)
Go into Library schools

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What next – our experience

Limited time and staffing
Greater understanding
Earlier involvement
Work with Research and Development Department
More confidence!
Making connections

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Thank you

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