The long game: career planning and your grant application strategies

William Ghali – Scientific Director
Panel – Christine Friedenreich, Brenda Hemmelgarn, Lynn McIntyre
The grant funding game:
Strategies that might help your funding applications

William Ghali
Scientific Director
(with the Returning Panel)
The IPH Grant Strategy Series

- Introductory session
- Revision & resubmission
- Grant budgets
- Knowledge Translation
- Peer review: do it! (well...)
- Programmatic grants
- The “Beautiful Grant”
- And today...
The long game: career planning and your grant application strategies

William Ghali – Scientific Director
Panel – Christine Friedenreich, Brenda Hemmelgarn, Lynn McIntyre
The long game

- What are we talking about?
The long game

• Stepping back and thinking strategically
  – Who are you? should you apply?
  – Your context?
  – When and how?
  – To what competitions?
  – With what initiatives?
  – Career award applications?
  – Foundation scheme?
  – Your ‘small business’
Who are you?
(In relation to the research mandate)

• What is your training?
• Where are you in your career?
  – Late in training
  – Very early career
  – Mid-career
  – Later career
• Your personal track record?
• Research time allocation?
• “Fire in your belly”? 
Beware!

Research time allocation vs. ‘Fire in belly’ for research?
Some ‘smart’ analytics

• Time protection and application/success rates:
  – >70%: 28/114 = 24.5%
  – 40-70%: 16/64 = 25%
  – <40%: 3/36 = 8.3%

• Number of faculty (app rates):
  – >70%: N=84 (1.36/member)
  – 40-70%: N=112 (0.57/member)
  – <40%: N=244 (0.14/member)
Your context?

- HUGE importance
- If early in career: even more important than you
- Mentorship? (if junior)
- Colleagues? (if more senior)
- Expertise?
- Infrastructure?
- Your institution (and institute)
- Partnerships? Integrated KT?
When and how?

• Grant writing takes time
• (LOTS of time)
• (and preparation)
• Your small business
  – (more on this later)
  – Deciding on scale
  – Ramping up or downsizing?
• Think and plan continuously
• Balancing papers vs. grants
• Anticipating rejection
• Revision & resubmission
• Your role in your enterprise
To what competitions?

- CIHR (the top ‘prize’)
To what competitions?

• CIHR (the top ‘prize’)
  – Open grants
  – Special competitions
  – (Foundation scheme)
<table>
<thead>
<tr>
<th>Opportunity Name</th>
<th>Registration/LOI Deadline</th>
<th>Application Deadline</th>
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<tbody>
<tr>
<td>Chair: GlaxoSmithKline Partnered 2014-2015</td>
<td>N/A</td>
<td>2015-03-31</td>
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<tr>
<td>Clinician-Scientist Salary Award: 2014-2015</td>
<td>TBD</td>
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<td>Doctoral Research Award: 2014-2015</td>
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<td>Fellowship: 2014-2015</td>
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<td>Foundation Scheme: 2014 1st Live Pilot</td>
<td>2014-06-23</td>
<td>View Details</td>
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<tr>
<td>Knowledge Synthesis Grant: Spring 2015 Competition</td>
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<td>2015-05-15</td>
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<td>Master’s Award: 2014-2015</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>Master’s Award: Dr. James Rossiter MPH Practicum Awards Program (Winter 2015 Competition)</td>
<td>N/A</td>
<td>2015-02-17</td>
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<tr>
<td>New Investigator Salary Award: 2014-2015</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>New Investigator Salary Award: KRESCENT / CIHR New Investigator Award (2015)</td>
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<td>2015-02-15</td>
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<td>Other: Environments, Gene and Chronic Disease</td>
<td>N/A</td>
<td>2015-09-17</td>
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<td>Other: ICRH Community Development Program Grants - Resuscitation Clinical Research</td>
<td>2014-01-13</td>
<td>2015-04-01</td>
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<tr>
<td>Other: ICRH Community Development Program Grants - Sleep and Circadian Rhythms and Venous Thromboembolic Diseases Clinical Trials</td>
<td>2014-11-18</td>
<td>2015-04-01</td>
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<td>Other: Planning and Dissemination Grants - Institute Community Support (Winter 2015 Competition)</td>
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<td>2015-02-17</td>
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<td>Other: Rapid Funding for DSEN Targeted Research - 2014-2015</td>
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<td>2015-03-31</td>
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<td>Other: SPOR Networks in Chronic Disease</td>
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<td>Other: SPOR PHCT Network: Management &amp; Operations Grant</td>
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<td>2015-04-01</td>
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<tr>
<td>Other: Science to Business (2015)</td>
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<td>2015-02-20</td>
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<tr>
<td>Other: Travel Awards - Institute Community Support (Winter 2015)</td>
<td>N/A</td>
<td>2015-01-26</td>
</tr>
</tbody>
</table>

**Partnerships for Health System Improvement News Feed**

**Partnerships for Health System Improvement: 2014-2015**

**Proof of Principle News Feed**

**Proof of Principle: Phase I (Winter 2015 Competition)**

**Proof of Principle: Phase II (Winter 2015 Competition)**

**Team Grant News Feed**

**Team Grant: DOHaD - Implications for Men, Women, Boys and Girls**

**Team Grant: E-Rare-3 Joint Transnational Call (2015)**

**Team Grant: Epigenomics of Complex Diseases**

**Team Grant: National Hepatitis C Collaborative Network**

**Team Grant: Pathways Implementation Research Team - Component 2**

**Team Grant: SU2C Canada Cancer Stem Cell Dream Team Research Funding**

**Undergraduate News Feed**

**Undergraduate: CIHR Health Professional Student Research Award (2014-2015)**

**Undergraduate: CIHR Health Professional Student Research Award (2015-2016)**

**Undergraduate: CIHR Health Professional Student Research Award (2013-2014)**

**Undergraduate: CIHR Health Professional Student Research Award (2015-2016)**
To what competitions?

- CIHR (the top ‘prize’)
  - Open grants
  - Special competitions
  - (Foundation scheme)
- Other agencies/competitions
  - AI-HS
  - Disease foundations
  - Private foundations
  - Ministries/government
  - Local competitions & seed grants
  - Remember UofC bridge funding!!
  - Contract opportunities
- Team grants
With what initiatives?

• Bigger grants
• And smaller grants
• Meeting grants
• Seed grants
• Project grants
• Program grants
• Team grants
• Partnership grants
Career Award Applications

• Pursue them when you can
• Solidify your position
• CIHR (New Investigator and some Chairs)
• Canada Research Chairs
• Disease Foundations
• New Investigators within team grants
• Some other opportunities
• **Based on operating grants...**
CIHR Foundation Scheme

• CIHR’s new funding model
• Our IPR team learning +++
• Anxiety for many +++
IN THE DOOM AND GLOOM OPPORTUNITY LOOMS

Julian Hall
ULTRAPRENEURSAYINGS.COM
CIHR Foundation Scheme

- CIHR’s new funding model
- Our IPR team learning +++
- Anxiety for many +++
- Great opportunity...
CIHR Foundation Scheme

- CIHR’s new funding model
- Our IPR team learning +++
- Anxiety for many +++
- Great opportunity...for some
CIHR Foundation Scheme

- CIHR’s new funding model
- Our IPR team learning +++
- Anxiety for many +++
- Great opportunity...for some
- About YOU & your projects
- Leadership criteria (key factor)
- Training and partnerships
- (Somewhat enigmatic <5y)
Your small business

- How big or small do you want it to be?
- What do you want to achieve?
- How much money is being spent each month?
- How much revenue do you need to sustain it?
- Need to account for some grant failures in timing
- Diversify income sources
- Can’t let the tank get empty.