

The Bone & Joint Institute

Annual Report 2015: Summary Slides

July 28, 2016

Annual Report

- Background
- Membership
- Governance Structure
- Operations Report
- Research Report

BJI Vision

- Lifelong mobility

BJI Mission

- To lead in transdisciplinary research, innovation and education in musculoskeletal health

BJI Mandate

- Enhance active living, mobility and movement
- Learn about causes, prevention, diagnosis, and treatment options
- Improve support systems and palliation for a wide range of conditions

Background

- MSK conditions affect 1.7 billion people worldwide

BJI Core Values:



BJI Primary Objectives



Understanding Bone and Joint Diseases

Innovating in Diagnosis and Evaluation

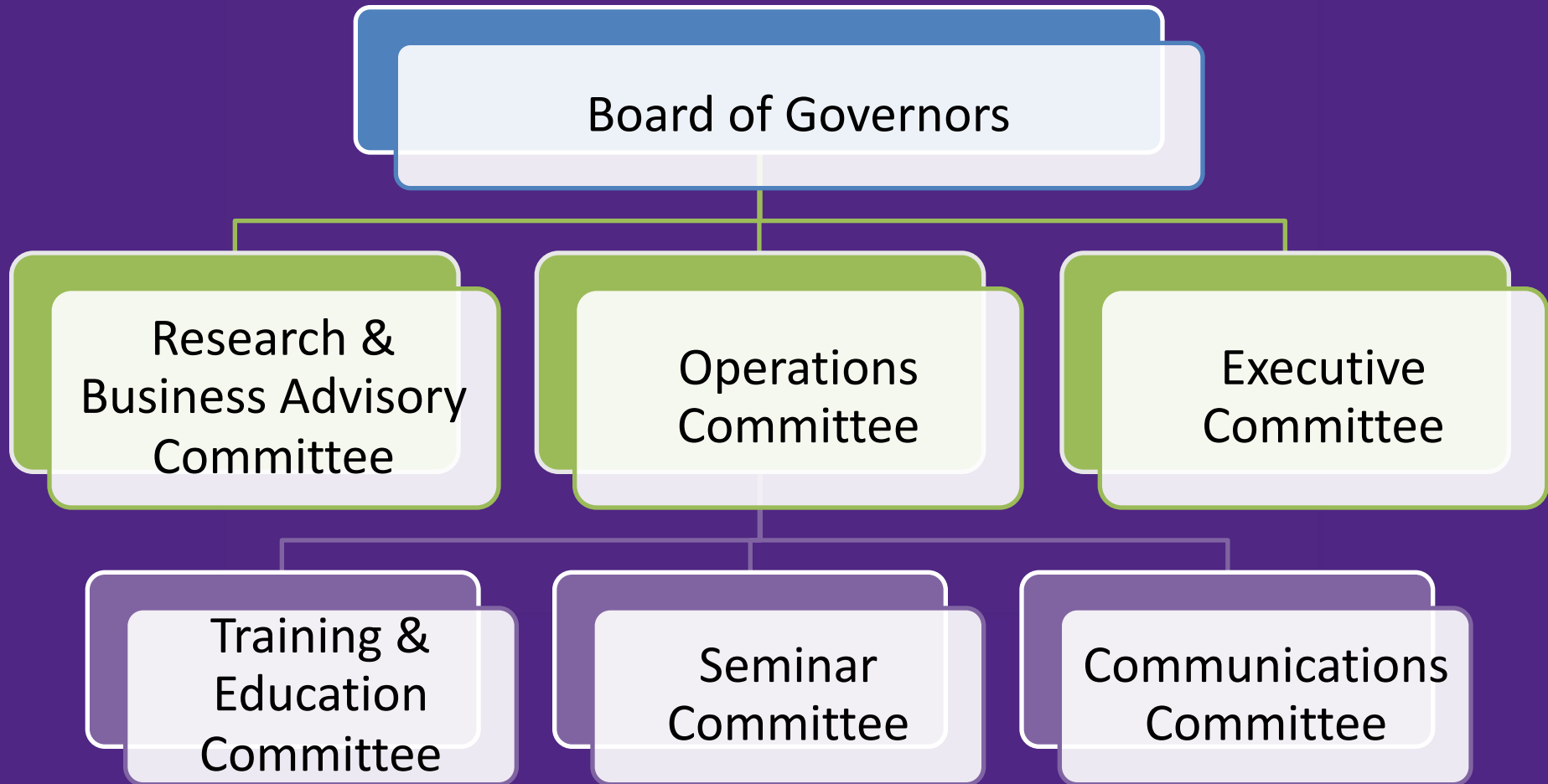
Developing and Evaluating New Therapies

Influencing Key Knowledge Users

Membership & Partnerships

- 145 BJI members are at various stages of their careers and have a wide range of professional backgrounds
 - 76 Faculty (Engineering, Health Sciences, Science, Social Science, and Schulich School of Medicine & Dentistry)
 - 59 trainees
 - 10 staff
- Multiple community and industry partners

Governance Structure



Operations Report

Institute Functions:

**Transdisciplinary
Collaborative
Research**

**Training
& Education**

**Applications
for Major Funding**

**Outreach,
Partnerships,
Globalization, & KT**

Communications

**Performance
Evaluation**

Transdisciplinary Collaborative Research

- 13 MSK seminars and 1 focused workshop
- Multiple planning sessions and sponsored events (e.g. TAS facilities tours, Renishaw)
- Annual student development retreat and biennial conference planning
- Awarded 6 catalyst grants
- Recruitment initiated for WRC, ECR, staff

Training & Education

- Transition from STIHR funded Joint Motion Program (JuMP) program to Collaborative Training Program in MSK Health Research (CMHR)
- 144 outstanding trainees (39 doctoral, 45 masters, 16 postdoctoral, 44 undergraduate)
- Transdisciplinary Bone and Joint Training Awards granted to 15 trainees

Successful Major Funding

In 2015, BJI members held:

- nearly 160 external MSK related grants
- over 120 internal MSK related grants
- over \$47M in multi-year funding
- ~ \$12M average amount per year

Outreach & Communication

- Ongoing efforts to build relationships with partners that align to the vision, mission and mandate of the Institute
 - existing partners
 - new partners
- About 20 newsworthy info/events were covered by different sources including CTV news, London Free Press, Blackburn News, Morning Post Exchange, and various Western Media Sources.

Research Report

- 150 MSK-related papers in 2015 across the 4 BJI Research Themes:

BJI RESEARCH THEMES

- 1 - basic biological and biomedical;
- 2 - physical sciences and engineering;
- 3 - clinical and health services; and
- 4 - population and community health.

Highlights for 2015

- formalized membership expectations
- established a governance structure
- created BJI training awards
- launched BJI catalyst grant competition
- hosted scientific and career development events
- initiated WRC, ECR and Manager of Research & Innovation recruitment
- Ontario Research Fund Research Excellence grant

Priorities for 2016:

- targeted engagement of members
- second BJI training awards competition
- second BJI catalyst grant competition
- continue scientific and career development events
- active recruitment of one WRC and one ECR
- select and hire the BJI Manager of Research and Innovation
- inaugural Canadian Bone and Joint Conference
- support major grant applications



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