

Research in the Department of Surgery University of Alberta

Research Retreat
September 11, 2018

David C Williams



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THE MEDICAL BUILDING.

UNIVERSITY OF ALBERTA.



Frank Hamilton Mewburn (1858-1929)



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National
Cancer Institute
of Canada

Institut national
du cancer
du Canada



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Walter C. Mackenzie 1909-1978



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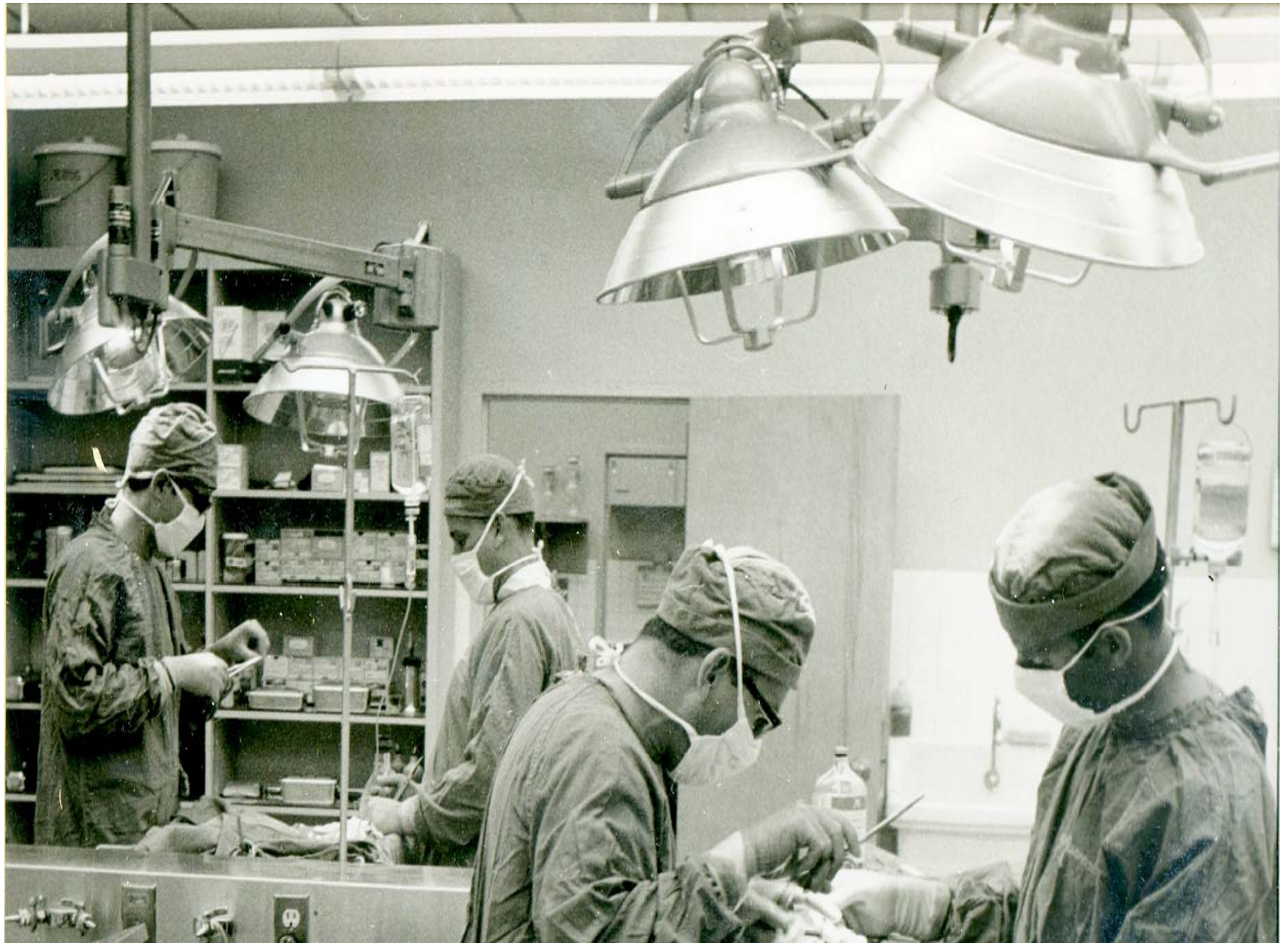


John S. McEachern 1873-1947



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EDMONTON CIVIC EMPLOYEES
CHARITABLE ASSISTANCE FUND



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Department of Surgery – Research 2016-2017

- New Funded Grant Support
 - \$ 7 179 246.00
- Ongoing Grant Support
 - \$ 148 467 308.88
- New Grants
 - 52
- Publications
 - 649
 - Abstracts **119**
 - Books/Book Chapters **34**
 - Original Research Articles **263**
 - Posters **37**
 - Conference Proceedings **137**
 - Journal Article Review **19**
 - Editorials **5**
 - Letters **5**
 - Audio Visual **10**
 - Other **4**

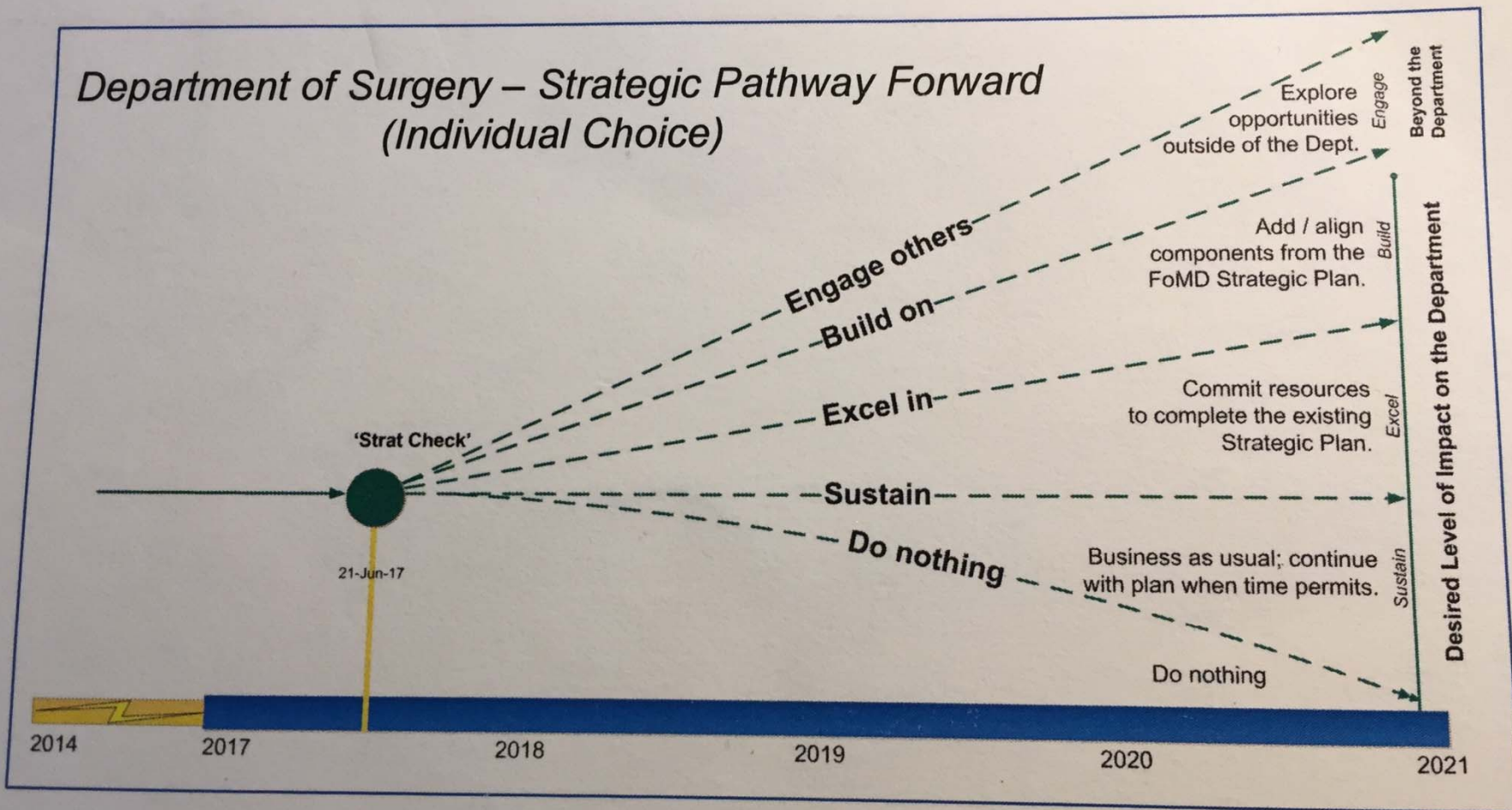


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Department of Surgery – Strategic Pathway Forward (Individual Choice)



For the next three years, please highlight the line that represents your preferred strategic pathway forward.



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Department of Surgery

- Education
- Recruitment and Retention
- Engagement
- Facilitation
- Celebration



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- Education

- Medical School
 - Exposure of medical students to the surgeon and the scientist will increase interest in a surgical research career
- Residency training
 - thorough grounding in principles of basic research and clinical investigation
 - Journal Clubs
- Graduate training
 - Ensure adequate supervision
 - curriculum review and modification as needed



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- Recruitment and Retention

- Need to build on the tradition of research through recruitment
 - Basic scientists
 - Clinician Scientists
 - Clinicians
- Research intensive faculty need to be part of selection process



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Department of Surgery

- Fulltime Faculty

• Assistant Professor	7
• Associate Professor	36
• Professor	17
• Assistant Professor (SC)	13
• Associate Professor (SC)	5
• FSO	1
	<hr/>
	79

- Clinical Faculty

• Clinical Lecturer	46
• Assistant Clinical Professor	68
• Associate Clinical Professor	40
• Clinical Professor	19
	<hr/>
	173



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- **Recruitment and Retention**

- Currently only contingent funding or contract positions available for basic science recruits
 - Need to come up with other means of support
 - Foundation and Institute support
 - Departmental and Faculty support
 - Overages, value ads
 - AMHSP
 - Philanthropy



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- Engagement

- Despite faculty knowing the importance of research, engagement remains an issue
 - Time, perceived lack of support and perceived lack of reward
 - All those carrying out research activities must be motivated, protected and valued
 - Mentorship
 - Protected time
 - Group practice/AMHSP
 - Appropriate recognition through communications, awards, and merit
 - Individual groups working in isolation
 - Geography of the department
 - Groups no longer together



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Facilitation

- Early collaborations with biostatisticians
- Awareness of clinical databases and administrative databases through platforms that already exist
- Early collaborations with faculty from across campus and with national and international organizations.
- Explore opportunities with Albert Health Services
- Bridge funding
 - How long can we rely on the Faculty?
 - Alternate sources
 - Overages, Value ads, philanthropy
- Grant capture support
 - Peer review
 - Leverage the expertise in the department and across the academy
 - RSO

- Celebration
 - Celebration of activity and successes
 - Retreats
 - Grand Rounds and Divisional Rounds
 - Research Days
 - Awards
 - Communications
 - Annual Report, Sutures, DOS
Journal of Surgical Research
 - Community engagement



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Department of Surgery

- Mission
 - *Working together toward the common goal of providing excellent patient care while strengthening a tradition of teaching, research, and innovation*
- Vision
 - *Improving Lives Together*



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