

# University of Toronto Interfaculty Pain Curriculum

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# Disclosure

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- Nothing To Disclose.
- No off-label or investigational use of drugs or products will be discussed.

## Interfaculty Prelicensure Pain Curriculum

Dentistry, Medicine, Nursing,  
Pharmacy, Physician Assistants,  
Occupational Therapy, Physical  
Therapy

**2002 (N=560)**

*to*

**2018 (N=991)**



Pain 110 (2004) 140-148

**PAIN**

[www.elsevier.com/locate/pain](http://www.elsevier.com/locate/pain)

An integrated undergraduate pain curriculum, based on IASP curricula,  
for six Health Science Faculties

Judy Watt-Watson<sup>a,\*</sup>, Judi Hunter<sup>b</sup>, Peter Pennefather<sup>c</sup>, Larry Librach<sup>d</sup>, Lalitha Raman-Wilms<sup>c</sup>,  
Martin Schreiber<sup>d</sup>, Leila Lax<sup>d</sup>, Jennifer Stinson<sup>a</sup>, Thuan Dao<sup>e</sup>,  
Allan Gordon<sup>d</sup>, David Mock<sup>e</sup>, Michael Salter<sup>d</sup>



Pain 140 (2008) 74-86

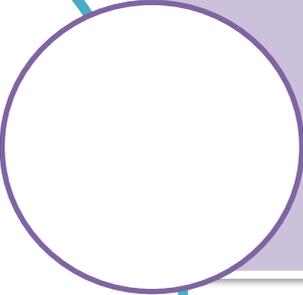
**PAIN**

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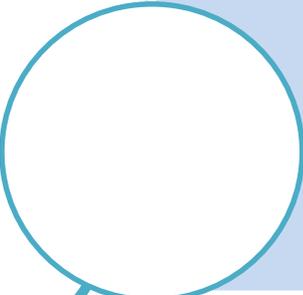
An Interfaculty Pain Curriculum: Lessons learned from six  
years experience

Judith Hunter<sup>a,\*</sup>, Judy Watt-Watson<sup>b</sup>, Michael McGillion<sup>b</sup>, Lalitha Raman-Wilms<sup>c</sup>,  
Lynn Cockburn<sup>d</sup>, Leila Lax<sup>e</sup>, Jennifer Stinson<sup>b</sup>, Andrea Cameron<sup>c</sup>, Thuan Dao<sup>f</sup>,  
Peter Pennefather<sup>c</sup>, Martin Schreiber<sup>g</sup>, Larry Librach<sup>g</sup>, Tricia Kavanagh<sup>b</sup>,  
Allan Gordon<sup>g</sup>, Nora Cullen<sup>g</sup>, David Mock<sup>f</sup>, Michael Salter<sup>g</sup>

## IPC Goals



Graduates will understand that pain is a unique and frequently encountered problem that can require comprehensive, collaborative management.



Graduates will begin to develop the skills required to give evidence-based clinical judgments needed for pain assessment and management, within their individual and interprofessional team scope of practice.

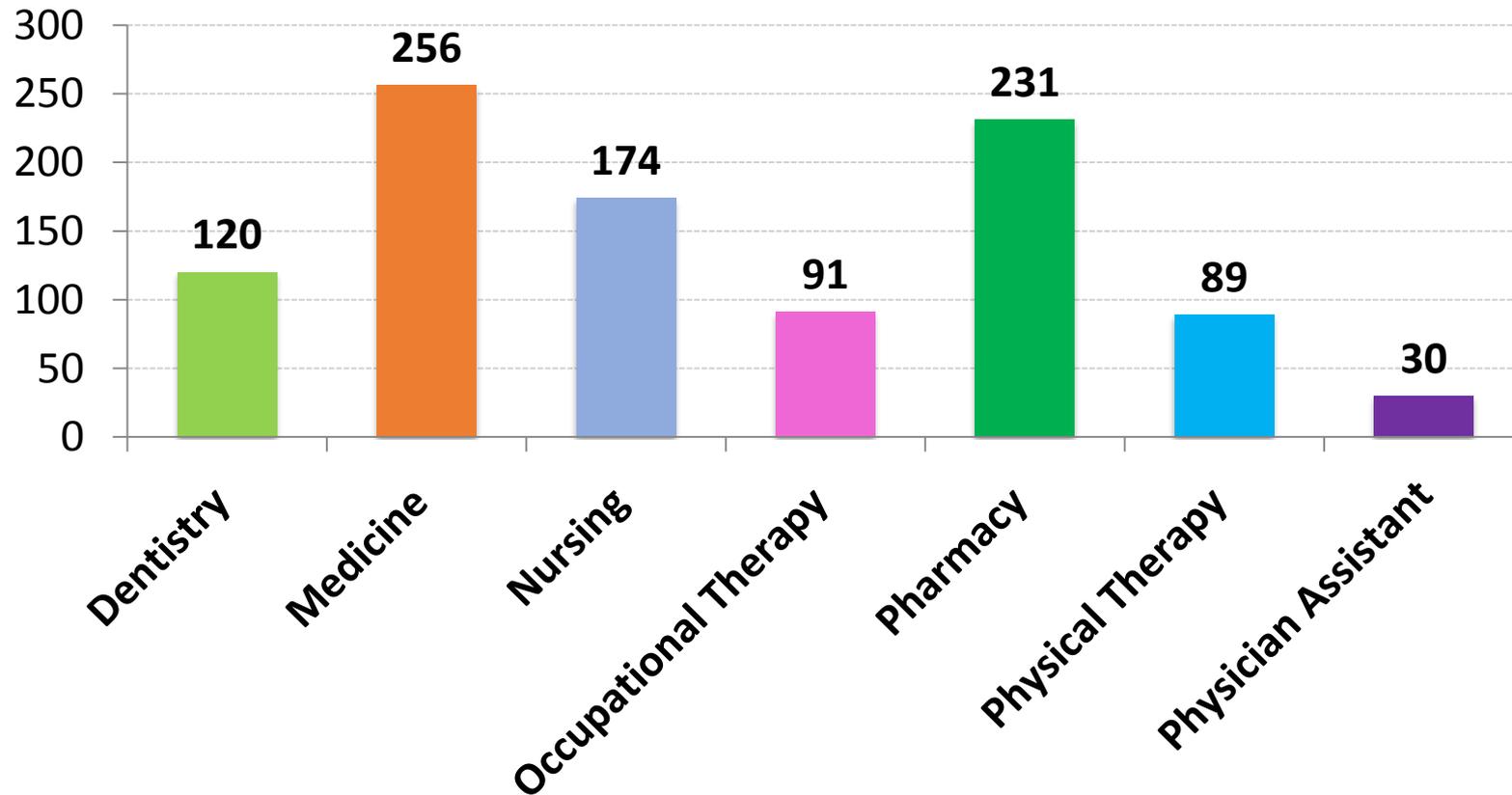
# PAIN: PUTTING THE PERSON AT THE CENTRE

UofT CENTRE FOR THE STUDY OF PAIN-INTERFACULTY PAIN CURRICULUM



# UTCSP-IPC 2018 Participants

## UTCSP-IPC 2018 Students (991)



# 2018 IPC Schedule

Monday, March 19, 2018		Tuesday March 20, 2018		Wednesday, March 21, 2018	
8:30am-9:30am	<b>Pain: Mechanisms and Manifestations</b> <b>(Online Module)</b>	8:30am-9:45am	<b>Concurrent Sessions</b>	8:30am-9:30am	<b>Opioids as a Component of Pain Management, an Interprofessional Responsibility</b> <b>(Online Module)</b>
9:30am-12:30pm	<b>Introduction: Patient Panel, Interprofessional Panel</b>	9:45am-10:15am	Break	9:30am-12:00pm	<b>Teams meet independently</b> <b>CASE: Persistent Pain Management</b>
		10:15am-11:30am	<b>Concurrent Sessions</b>		
12:30pm-1:30pm	Break	11:30am-1:00pm	Break	12:00pm-1:00pm	Break
1:30pm-4:30pm	<b>Profession Specific Perspectives</b>	1:00pm-4:00pm	<b>Facilitated Interprofessional Teams – Patient CASE: Acute Pain Assessment</b>	1:00pm-4:00pm	<b>Facilitated Interprofessional Teams CASE: Persistent Pain Management for a person with persistent pain</b>
		4:00pm-5:00pm	<b>Teams meet independently</b> <b>CASE: Acute Pain Management</b>		

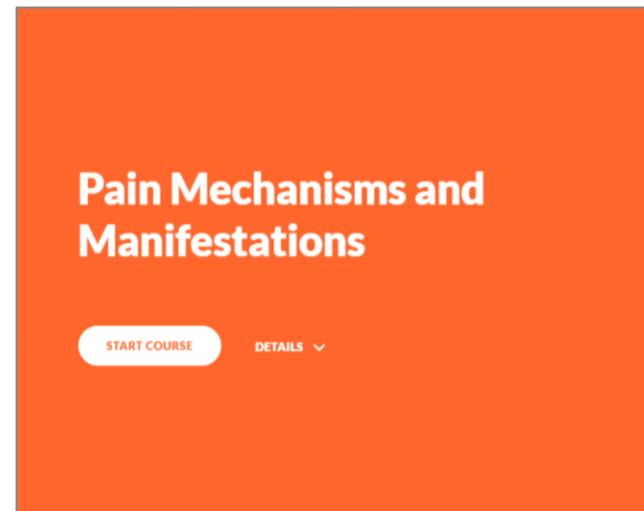
## Mandatory Modules



**Opioids as a Component  
of Pain Management:  
An Interprofessional Responsibility**

**A patient-based  
Interactive Module**

*Click next* ↘



**Pain Mechanisms and  
Manifestations**

[START COURSE](#) [DETAILS](#) ▾

- Patient-centred cases
- Several quizzes

# 2018 IPC Concurrent Sessions

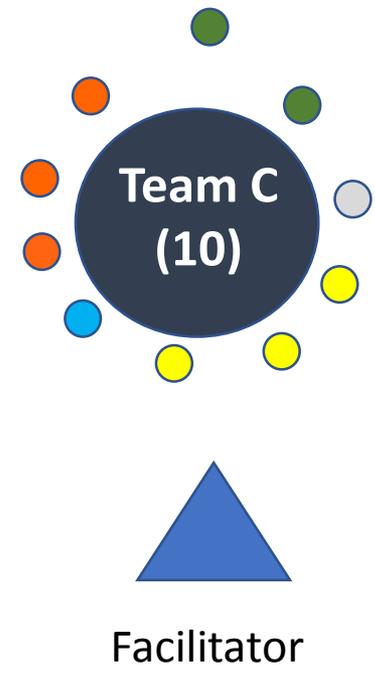
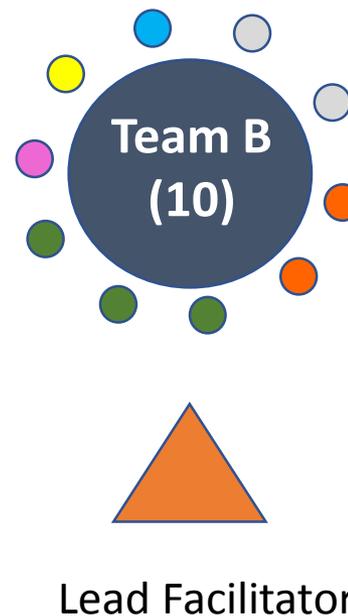
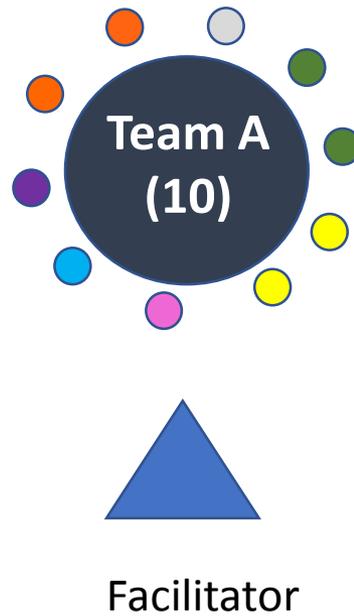
## Session (Choice of 2)

1. Opioid use and its associated harms in Ontario: A balancing act
2. Issues and Challenges in Cancer Pain
3. Complementary and Alternative Medicine
4. Healing the mind, body, spirit and emotion: how Indigenous approaches to wellness can inform holistic & integrated pain management
5. Pharmacology of Pain
6. Headaches - Clinical Relevance and Differential Diagnosis
7. Hitting the High Points on Cannabis for Pain
8. Mindfulness

N= 991 students ➔ 33 Groups ➔ 99 Teams

## Group 1 (30 students)

- Dentistry
- Medicine
- Nursing
- Occupational Therapy
- Pharmacy
- Physical Therapy
- Physician Assistant



# Facilitator Training (N~90)

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## Manual & Orientation Session:

- Outline objectives/timing for moving through the cases.
- Address interprofessional nature of facilitating the groups.
- Discuss strategies for encouraging respect and positive discussion.

## Feedback Session

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## Interprofessional Small Group Work: Persistent pain management plans

### Patient cases:

- Gerald Robertson  
(*squamous cell lung cancer*)
- Julie Wu  
(*juvenile idiopathic arthritis*)
- Frank Aweida  
(*traumatic amputation*)

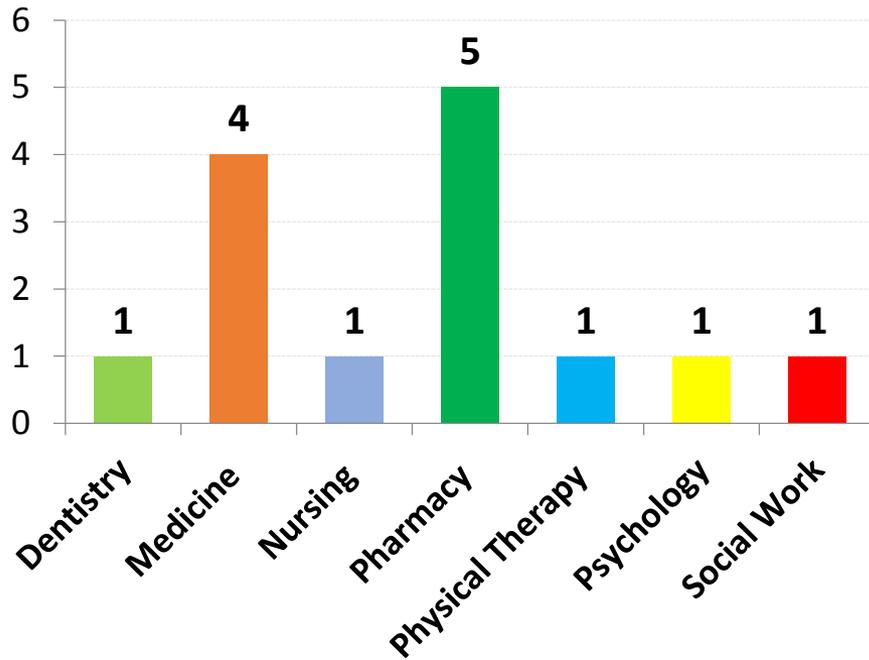


## Student Comments

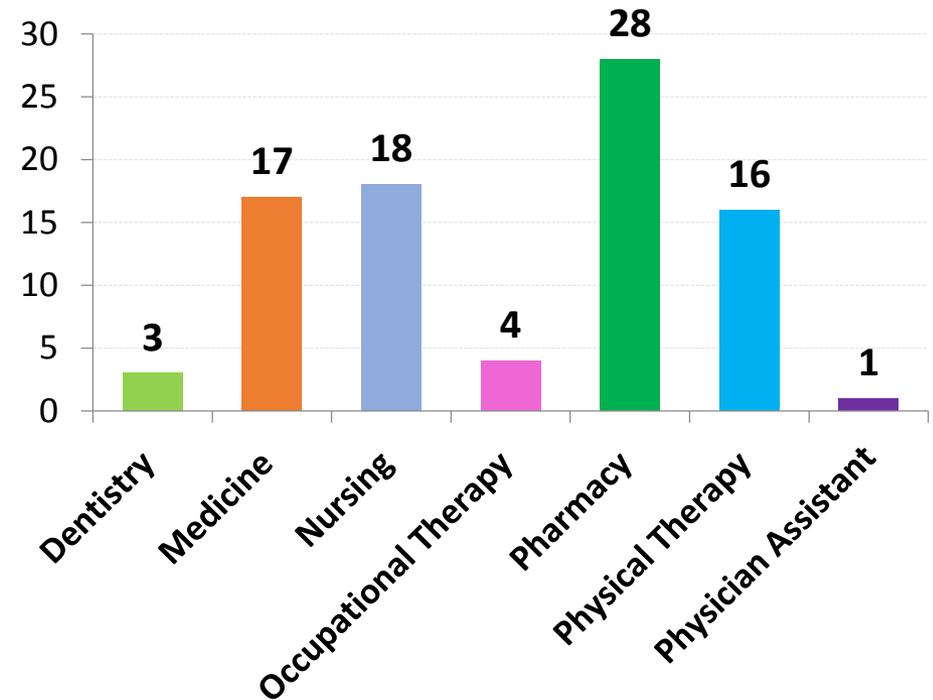
- “the cases brought all professions together...showed us we all had a valuable role in pain management”
- “made me realize how pain may impact every area of a patient’s life”
- “able to see & hear problem solving approaches from different health professionals”
- “I have increased respect for other professions and their roles in patient care”

# UTCSP-IPC 2018 Participants

## 2018 IPC Speakers (14)



## 2018 IPC Facilitators (87)



# Interfaculty Pain Committee



# IPC Program Evaluation

- I Student Pain Knowledge and Beliefs Pre- and Post-test questionnaires (online)
- II Student Daily Content and Process Questionnaires: Monday, Tuesday and Wednesday of the UTCSP-IPC (online)
- III Evaluation of students' Interprofessional Pain Management Plans, from small groups (Upload on the Blackboard)
- IV Student Interprofessional Collaboration Assessment Rubric (ICAR) (online)
- V Assessment of Interprofessional Collaboration in Student Learning Scale (online)

# IPC Program Evaluation

## 1. Pain Knowledge and Beliefs Questionnaires

- 2002 PKB: increased **17%** [pretest (66%) - post-test (83%)( $p=0.001$ )].
- 2018 PKB: increased **7%** [pre-test (74%) - post-test (81%) ( $p=0.0001$ )].

## 2. Daily Process and Content Questionnaires

Overall student satisfaction ratings were higher than last year; any lower ratings were related to logistics.

# IPC Program Evaluation

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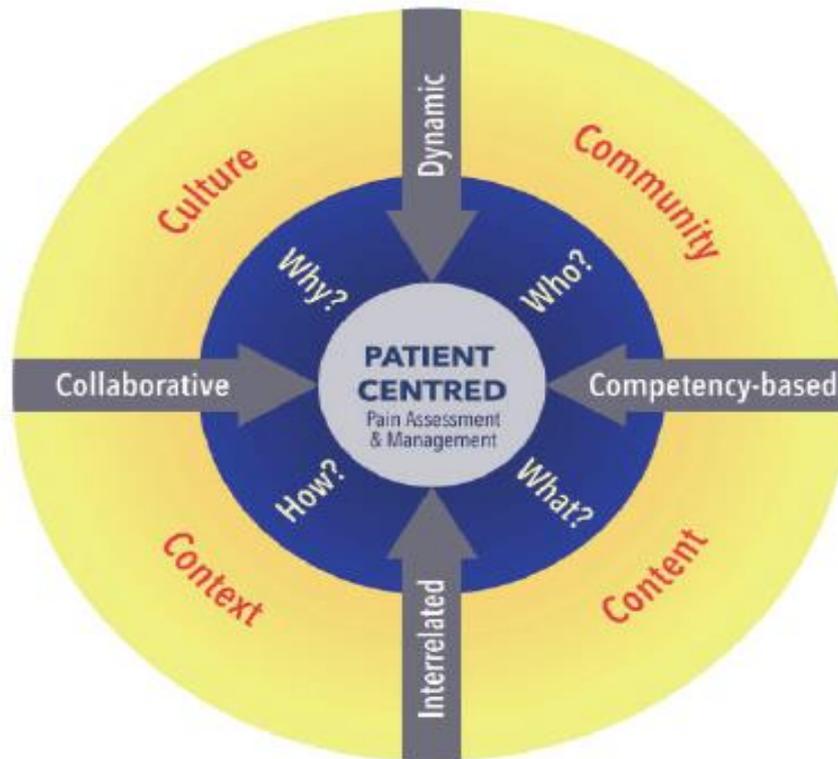
## 3. Interprofessional Pain Management Plans

- 99 care plans from 99 teams submitted.
  - 10 care plans from each of 3 cases randomly selected for analysis (n=30).
  - Reviewed by 2 raters: scored against an assessment rubric
  - Range: 8.3 to 12.6/13; overall **average score = 11 (85%)**.
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## Pain interprofessional curriculum design (PICD) model



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## Conclusion:

- IPC is iterative based on yearly feedback.
- Ongoing challenges for sustainability include:
  - Addressing student diversity & interests.
  - Providing ongoing reporting to those with curriculum authority.
  - Maintaining involvement of faculties & agencies.
  - Examining impact on practice.

# Acknowledgements

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Dr. Bonnie Stevens  
Director, UTCSP