




Multi-institutional Collaborations: How Effective is it? A call for Anesthesia Fellowship Subspecialty Learning Exchange Platforms



Thank you for joining our session. Please join the jamboard by using the QR code above.



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1



Financial Disclosure

We do not have relevant financial relationships with commercial interests that pertain to the content of our presentation


2



Learning Objectives

1. Describe an example of an effective multi-institutional learning exchange program for fellowship programs
2. List key components of a multi-institutional collaboration that would benefit their training program
3. Describe positive outcomes for fellows and faculty that participate in a multi-institutional learning exchange program
4. Use resources from the session to start a multi-institutional collaboration program for their subspecialty


3



Workshop Overview

| | | |
|--|---|--|
| <p>8 min</p> <p>LARGE GROUP PRESENTATION</p> <p><small>PLEX as an example with Dr. Dale</small></p> | <p>25 min</p> <p>LARGE GROUP: Introductions and Brainstorm on Jamboard</p> | <p>5 min</p> <p>KEY POINTS and SUMMARY</p> <p><small>Optional: Post workshop survey</small></p> |
|--|---|--|

We will be using Jamboard for this Session!



4

“Everyone knows more than you about something” - Adam Grant

How can interinstitutional didactics enrich your fellowship?

- > Case: The Pain Learning EXchange (PLEX)
 - Developed in response to COVID-19 lockdown
 - Flexed up and down in response to clinical activity
 - Takes advantage of medicine’s newly found comfort with tele-technology



McPhand et al. Inter-institutional Pain Learning Exchange (PLEX): Virtual Opportunities for Learning and Collaboration in Chronic Pain Fellowships During the COVID-19 Pandemic and Beyond. Pain Med. PMID:3393027

5

Pain Learning EXchange (PLEX)

What is it?

- > A simple semi-asynchronous lecture, Q&A and ever-expanding library
- > Given monthly by rotating participating programs
- > Lecture recorded and uploaded onto YouTube
- > Live Q&A held on 2nd Monday of the month

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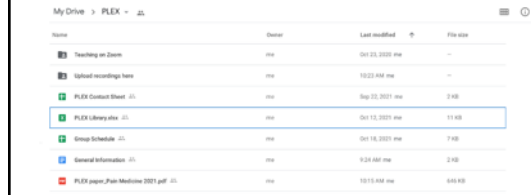
6

PLEX: Goals and Objectives

- > Offer networking opportunities for both fellows and faculty
- > Share ideas and practice styles across institutions
- > Expand the education of our fellows
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- > Have fun and experiment with Tele-learning, it is the wave of the future

7

PLEX: What it looks like



8

PLEX Library

| File Name | Link | Presenter | Institution | Date | Attached Reading |
|---|--|----------------------------|-------------------------------------|------------|------------------|
| Pain Learning Exchange Library | | | | | |
| 2020 Survey of Pain Management | https://www.painmanagement.org/2020-survey-of-pain-management | Chris Hoffman MD | Princeton Univ. School of Medicine | 10/13/2020 | Yes |
| Practical Pain Management | https://www.painmanagement.org/practical-pain-management | Christine Cheng, MD, PhD | Harvard Medical School | 9/15/2020 | Yes |
| Update on the Role of Medication-Assisted Pain Management | https://www.painmanagement.org/update-on-the-role-of-medication-assisted-pain-management | Jessica Smith, MD, PhD | University of Michigan | 8/10/2021 | Yes |
| Psychological and Behavioral Aspects of Pain | https://www.painmanagement.org/psychological-and-behavioral-aspects-of-pain | James Granger, MD, PhD | University of California, San Diego | 7/15/2021 | Yes |
| Advancements in Chronic Pain | https://www.painmanagement.org/advancements-in-chronic-pain | James Granger, MD, PhD | University of California, San Diego | 5/19/2021 | Yes |
| The Right to Pain Relief | https://www.painmanagement.org/the-right-to-pain-relief | Shawn Bohannon, MD, PhD | University of Washington | 5/19/2021 | Yes |
| Regulation of Pain Perception | https://www.painmanagement.org/regulation-of-pain-perception | David Borsook, MD | University of California, Davis | 4/15/2021 | Yes |
| Functional Rehabilitation: An Interdisciplinary Approach | https://www.painmanagement.org/functional-rehabilitation-an-interdisciplinary-approach | Steven Strass, MD | Stanford Health System | 11/18/2020 | Yes |
| Neuropathic Pain | https://www.painmanagement.org/neuropathic-pain | Demetrius Nivens, MD, MSP | Brigham and Women's Hospital | 10/29/2020 | Yes |
| Optimal Timing of Stabilization as a Long-Term Strategy | https://www.painmanagement.org/optimal-timing-of-stabilization-as-a-long-term-strategy | Jane L. Balentine, MD, PhD | University of Washington | 10/29/2020 | Yes |
| Operational Considerations for Interdisciplinary Pain Treatment | https://www.painmanagement.org/operational-considerations-for-interdisciplinary-pain-treatment | Shawn Bohannon, MD, PhD | University of Washington | 9/15/2020 | Yes |
| The Evolution of Pain in Western Culture | https://www.painmanagement.org/the-evolution-of-pain-in-western-culture | Shawn Bohannon, MD, PhD | University of Washington | 9/15/2020 | Yes |
| Behavioral Aspects of Pain: The Role of the Mind | https://www.painmanagement.org/behavioral-aspects-of-pain-the-role-of-the-mind | Heather L. Coates, MD | Stanford Health System | 8/10/2020 | Yes |
| From Laminectomy to Laminectomy: New Therapeutic Opportunities | https://www.painmanagement.org/from-laminectomy-to-laminectomy-new-therapeutic-opportunities | Sergiy Serdyuk, MD | Brigham and Women's Hospital | 5/29/2020 | Yes |
| Complexity of Chronic Pain: A Review | https://www.painmanagement.org/complexity-of-chronic-pain-a-review | Sergiy Serdyuk, MD | Brigham and Women's Hospital | 5/13/2020 | Yes |
| Managing Cancer-Related Pain: Interdisciplinary Aspects (Part I) | https://www.painmanagement.org/managing-cancer-related-pain-interdisciplinary-aspects-part-i | Sergiy Serdyuk, MD | Brigham and Women's Hospital | 5/13/2020 | Yes |
| Managing Cancer-Related Pain: Interdisciplinary Aspects (Part II) | https://www.painmanagement.org/managing-cancer-related-pain-interdisciplinary-aspects-part-ii | Sergiy Serdyuk, MD | Brigham and Women's Hospital | 5/13/2020 | Yes |

9

PLEX Schedule

| Date | Day | Activity type | Faculty | Follow - Thursday/Friday | Lead Institution | Title | Total Attendee |
|------|-----------|---------------|---------------------------|--------------------------|------------------|---|----------------|
| 8/1 | Monday | Lecture | Howard Plummer | | OSMC | Hip and Shoulder Joint Sensory Radiofrequency Ablation | |
| 8/2 | Tuesday | Lecture | Mark Sullivan | | | The problems of pain in Western culture | |
| 8/3 | Wednesday | Debate | Jana Balentine & Ed Mckee | | UW/BSH | Debate: Opioids | |
| 8/4 | Thursday | Lecture | Richard Curran | | UM | Unilateral paroxysmal nocturnal hemiparesis | |
| 8/5 | Friday | Journal Club | Edith Sandberg | Yes | AMC | Long-term safety and efficacy of closed-loop spinal cord stimulation to treat chronic back and leg pain | |
| 8/8 | Monday | Lecture | Robert Jamison | | BSH | Caring for Difficult Patients | |
| 8/9 | Tuesday | Lecture | Chris Gilgen | | BSH | What and Where is the Evidence in Pain Medicine | |
| 8/10 | Wednesday | Lecture | Elliot Fishman, DPT, MTC | | UM | Physical Therapy for Persistent Pain | |
| 8/11 | Thursday | Journal Club | Paul Scuderi | | UM | Neural Emergency medicine: What is it and how much do we really need? | |
| 8/12 | Friday | Debate | Ed Rose & Greg Carter | | BSH/UM | Should we prescribe gabapentin? | |
| 8/16 | Tuesday | Lecture | Ethan Nelson | | BSH | Intermittent Pain Simulation | |
| 8/19 | Friday | Lecture | Jana Balentine | | UM | | |
| 8/20 | Friday | Lecture | Mehdi Akbari-Rashti, PhD | Yes | UM | Diagnosis and Care for Patients with Complex Pain and SUD | |

10

PLEX: The good

Is it effective?

- > Does it meet its learning objectives?
- > Initial surveys sent out to assess collaboration, education and networking indicate it is very well received
 - Based on IDEA Partnership Success Rating Scale

McDonald et al. Inter-Institutional Pain Learning Exchange (PLEX): Virtual Opportunities for Learning and Collaboration in Chronic Pain Fellowships During the COVID-19 Pandemic and Beyond. Pain Med. 2022;23(2):207

11

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12

PLEX: The bad and the ugly

3 main barriers


- > Time Zone and live scheduling
- > Zoom fatigue
- > Administrative support

13

PLEX: learn more about it

- > [SEA Podcast: Innovations in Anesthesia Education: Episode 8: Pain Learning Exchange \(PLEX\)](#)
- > [Twitter account: @didacticPLEX](#)


14




CCLEX, OBLEX, CTLEX: Is it right for your specialty?

- > Does your fellowship/specialty have something similar already?
- > Would your specialty be interested in developing a multi-institutional program?
- > Could your programs overcome the barriers?

TIME FOR THE BREAKOUT - Please join the breakout session of most interest to you. Please link to the jamboard to find the frame that corresponds to your breakout group.



15



Summary and Take Homes

1. Multi-institutional collaborations for fellowship training programs can be effective for fellows and faculty when tailored to the needs of the specialty
2. Cross-specialty networking and administrative support from national society groups can ease some of the barriers to initiating this platform
3. Key components of the program that were noted to be beneficial to your group is a great place to start
4. Learning exchange programs can take your program above and beyond the minimal didactic requirements set forth by ACGME and offer a component of networking and sense of community beyond your own institution

16

Please consider taking our post-workshop survey

Questions?

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Thank you for your active participation in this workshop!



17