Converting your Teaching and Assessment Materials into Educational Scholarship Through MedEdPORTAL

Webinar Collaboration: GFA, GDI
Academic Medicine, MedEdPORTAL

Thursday, February 10, 2022
1:00 – 2:00 PM EST
Moderator and Speakers

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Sara Hunt
Converting Your Teaching and Assessment Materials into Educational Scholarship through *MedEdPORTAL*

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*Director and Managing Editor, MedEdPORTAL*

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*Associate Editor, MedEdPORTAL*

*February 10, 2022*
Objectives

By the end of the session, you will be able to:

- describe how your teaching activities could be transformed into MedEdPORTAL submissions
- list the steps of the submission process in MedEdPORTAL
- characterize features of successful submissions
The triple threat of bygone days…
Service

The New Normal

Teaching

several light-years

Academic work
Why publish about education?
Teaching is a legitimate domain for publishing
Taking your teaching to the next level

- **Good teaching**: Effective, Purposeful
- **Scholarly teaching**: Evidence-based, Innovative
- **Scholarship of teaching and learning**: Investigation, Peer review
You have done 80% of the work already

- Planning
- Resourcing
- Getting buy-in
- Executing
- Evaluating
How to turn teaching into scholarship

- annual lectures to residents
- local workshop
- a novel small group teaching method
Publishing in MedEdPORTAL
Unique features of MedEdPORTAL...

- AAMC’s open-access, MEDLINE indexed journal
- Peer-reviewed medical and dental educational resources
- Includes all materials needed to implement
- Authors keep copyright
...means some caveats about submitting to MedEdPORTAL

- AAMC’s open-access, MEDLINE indexed journal
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Must adhere to scholarly writing and ICMJE standards
Must have been implemented and evaluated
Materials must be packable and generalizable
Authors must own copyright
Online, open-access
Authors retain copyright

Anyone can:
• Read
• Search
• Submit
• Publish
• Download
• Reuse

Creative Commons License
Types of MedEdPORTAL publications

- Games
- Workshops
- Team-Based Learning
- Problem-Based Learning
- Interactive Modules
- Assessment Tools
- Simulation cases
- Standardized Patients
- Virtual Patients
- Lectures
Anti-Racism in Medicine Collection

www.mededportal.org/anti-racism

provides educators with practice-based, peer-reviewed resources to teach anti-racist knowledge and clinical skills

MedEdPORTAL Top 5 most downloaded publications in 2021

- Addressing Microaggressions in Academic Health: A Workshop for Inclusive Excellence
- Words Matter: An Antibias Workshop for Health Care Professionals to Reduce Stigmatizing Language
- Disability and Ableism in Medicine: A Curriculum for Medical Students
- Critical Consciousness as a Framework for Health Equity-Focused Peer Learning
- Early Intervention for LGBTQ Health: A 10-Hour Curriculum for Preclinical Health Professions Students
A *MedEdPORTAL* submission

[Diagram showing the combination of an Educational Summary Report and Appendices to form a Submission]
Activities that translate readily to *MedEdPORTAL* submissions

<table>
<thead>
<tr>
<th>Category</th>
<th>Features</th>
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</thead>
</table>
| Discrete workshops             | • Reasonable size  
• Active learning elements  
• Concrete learning objectives |
| Simulation cases (SP or manikin)| • Templates are available  
• Content is scriptable |
| Interactive modules (e.g., Captivate) | • Exportable for local use  
• Easy to distribute |
Activities that are harder to package as MedEdPORTAL submissions

Lectures
- Tend to be passive
- Tend to be less unique

Assessment tools
- Requires several sources of validity evidence

Longitudinal courses
- Excessive number of appendices
- Sheer size hinders peer review and usability
Reasons for rejection in MedEdPORTAL

- Widely disseminated (e.g., YouTube, websites)
- Describes process rather than a generalizable activity
- Overlap with prior publications
- Poorly written ESR
What is the ESR?

Educational Summary Report

The manuscript for a MedEdPORTAL submission

The scholarly description of an educational activity
Who? learner type
instructor type

What? content
source of content

Where? curricular setting
physical setting

How? instructional method
instructor training
evaluation

[Move to next slide]
Kirkpatrick’s pyramid

- Impact
- Behavior change
- Skills or knowledge gained
- Learner perceptions
What is sufficient evaluation for MedEdPORTAL?

- Kirkpatrick’s level 1 and above
- Construct is aligned with intended learning objectives
- ESR includes reflective critique on results
Holistic Assessment

Satisfaction + “Plus”

- Novelty
- Rigor
- Quality of materials
- Important topic
Deciding where and how to publish (including both)

<table>
<thead>
<tr>
<th>Traditional journals</th>
<th>MedEdPORTAL</th>
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</thead>
<tbody>
<tr>
<td>• emphasis on results</td>
<td>• emphasis on product</td>
</tr>
<tr>
<td>• generalizability</td>
<td>• usability</td>
</tr>
<tr>
<td>• methodologic details</td>
<td>• implementation details</td>
</tr>
<tr>
<td>• advances the science</td>
<td>• helpful to other faculty</td>
</tr>
<tr>
<td></td>
<td>• “off the shelf”</td>
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Final tips

- Not every teaching activity makes a good MedEdPORTAL submission.
- The ESR needs to align with standards of scholarly writing.
- We have unique technical, copyright, and peer review requirements. Thanks for being patient!
Service

Your New Normal?