Core Signature Experience: A Sustainable Model for IPE

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Objectives

• To describe an adult learning framework using “structured immersion approach (SIA)”

• To explore options for the development of core signature IPE offerings

• To discuss the value of sustainable and consistent IPE experiences in fostering IPP
Key is Remembering that Learning is... social

We seek to make connections for deep learning
Ensuring Deep Learning via SOLO
What is SOLO?
(Structure of Observed Learning Outcomes)

(Biggs and Collis 1982)

- model of learning that helps develop a common understanding
- language of learning that helps teachers (and students) understand the learning process.
so what does it provide....

“SOLO Taxonomy provides a simple and robust way of describing how learning outcomes grow in complexity from surface to **deep** understanding”

Biggs & Collis 1982
5 typical ways to answer a question

- **Prestructural**: I’m not sure about this subject
- **Unistructural**: I have one idea about this subject
- **Multistructural**: I have several ideas about this subject
- **Extended abstract**: I can look at these ideas in a new and different way.
- **Relational**: I can link my ideas together to see the big picture...
Does Abe Lincoln influence all modern presidents?

How does Abe compare to a modern president?

What did he do and why?

Who is Abe Lincoln?
## SOLO levels

<table>
<thead>
<tr>
<th>Level of understanding</th>
<th>Learning task</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prestructural</td>
<td></td>
</tr>
<tr>
<td>Learning outcomes show unconnected information, no organisation.</td>
<td></td>
</tr>
<tr>
<td>Unistructural</td>
<td></td>
</tr>
<tr>
<td>Learning outcomes show simple connections, but importance not noted.</td>
<td></td>
</tr>
<tr>
<td>Multistructural</td>
<td></td>
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<tr>
<td>Learning outcomes show connections are made, but significance to overall meaning is missing.</td>
<td></td>
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<tr>
<td>Relational</td>
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<tr>
<td>Learning outcomes show full connections made, and synthesis of parts to the overall meaning.</td>
<td></td>
</tr>
<tr>
<td>Extended abstract</td>
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<tr>
<td>Learning outcomes go beyond subject and makes links to other concepts.</td>
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</table>
So with SOLO we can...

- thoughtfully design learning intentions and learning experiences
- identify and use effective success criteria
- provide feedback and feed forward on learning outcomes
- reflect meaningfully on what to do next
Using the SOLO language of learning the IPE Taskforce developed

IPE EXPERIENCES
which we have termed

“Structured Immersion Approach (SIA)”

...to infuse core IPE experiences into existing health science curriculums

...ensure meaningful sustainable and consistent IPE experiences
Pre-clinical Health Science Students cohort

“New Student IPE Orientation”

Year one didactic level Health Science Students cohorts (open to all)

“Interprofessional Perspectives Speaker Series” (IPSS)

New Health Science Students cohort

Year one didactic level Health Science Students cohort

“Town Hall Discussion” (THD)

Pre-clinical Health Science Students cohort (prior to their full time clinical experiences)

“Interprofessional Education Symposium” (IES)
“New Student IPE Orientation

insightful

Patient-centered

Non-verbal communication

respect

empathy

Interprofessional communication

TEAMWORK

AWARENESS

compassion

Verbal communication
“Interprofessional Perspectives Speaker Series” (IPSS)

http://www7.shu.edu/health-medical-sciences/speaking-up-event.cfm
“Town Hall Discussion” (THD)
“Interprofessional Education Symposium” (IES)

Experts unfolded video based case

Problem based group experience
Through these Core Signature IPE learning experiences,

...a strong foundation for the development of critically reflective evidenced-based inter-professional health care professionals is ensured.

...the skills sets needed for effective communication and teaming across health care professionals is developed.

...a culture of professional discourse and reflection essential to attain a cohesive, collaborative patient-centered plan of care is promoted.

...students engage in critically reflective learning opportunities which integrate the acquisition of content knowledge, professional skills and behaviors, and evidenced based perspectives fundamental for successful entry into the healthcare workforce.
Take home message

- Core Signature Experience is a way to ensure a Sustainable Model for IPE

- BUT

- For deep learning to occur connections amongst information presented in these IPE experiences must be made
- The SOLO approach to learning may aide in making those connections visible!
Question & Comments

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References

Slide share visual contributions: alywynlan; Tait Coles @Totallywired77; chrisharte.typepad.com


Brabrand C, and Dahl B. “Using the SOLO taxonomy to analyze competence progression of university science curricula.” *High Educ* 2009; 58:531-549


Kayani, M, Ajmal M, and Rahman, F. Teachers’ perception regarding examination based on SOLO taxonomy. *International Journal of Academic Research* 2010; 2(6) 208-211


Reid WA, Evans P and Duvall E. Medical students’ approaches to learning over a full degree programme. *Med Educ Online* 2012, 17 17205.