Core Signature Experience: A Sustainable Model for IPE

Genevieve Pinto Zipp PT, EdD
Catherine Maher DPT, GCS

IPE Taskforce
Seton Hall University,
South Orange, NJ
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?
<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>
<td></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>
<td></td>
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<tr>
<td>Learning outcomes go beyond subject and makes links to other concepts</td>
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</tbody>
</table>

Make thinking visible
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)

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)
“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

Catherine.Maher@shu.edu

Genevieve.Zipp@shu.edu
References

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


David Leat & Adam Nichols (2000): Brains on the Table: Diagnostic and formative assessment through observation, Assessment in Education: Principles, Policy & Practice, 7:1, 103-121

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.