What is the premise for the EduWG?

• OHDSI has considerable heritage and historical resources to date:
  – Tutorials & Webinars
  – Symposia
  – Legacy Video
  – Forums & Working Groups
  – Demo sites (e.g., ATLAS)
  – Book of OHDSI
  – Global & Local
  – Beginnings of curricula
  – Hosted environments
    • OHDSI.org
    • EHDEN Academy
    • YouTube

• This has been considerable, though organic in development?
Segmentation of the OHDSI Community

**Novice**
- New to OHDSI
- Diverse backgrounds
- Minimal or no experience of the OMOP CDM/tools
- Keen to conduct open science research
- Researcher and/or data custodian
- Learning curve in joining OHDSI

**Intermediate**
- Increasing experience of OHDSI framework
- Contributing to research studies, methods and tools development
- Ongoing knowledge development

**Expert**
- Leading and running studies, study-a-thons, etc.
- Leading/directing methods and tools development
- Driving OHDSI strategy, collaborations and community development
- Facilitating educational support of OHDSI community

**Mentor**
- Supports Novices and Intermediate roles, and fellow Experts
- A pinnacle role including reputational aspects
- Has the most influence over the Community, its development and education
- Driving OHDSI strategy, collaborations and community development
- Facilitating educational support of OHDSI community
Adult Learning Principles - Approach to Content Development

Design methodologies must support realistic learner consumption

Our Learning strategists apply the ADDIE design model to content development, ensuring training is instructionally sound and engages learners. In addition to ADDIE, we also ensure design aspects aligned to the AGILE design model are applied. We will work with you to integrate established content and application of Core Instructional Design Methodologies to new content development. Our goal is to ensure learners are challenged with the best learning content and experience in order to build in-role competence and confidence.

ADDIE, Application & Measurement

Utilizing proven design methodologies guide content development, application based learning & assessment/measurement efforts

AGILE Design

Self-Directed Learning Platforms must support the need for SPEED, Flexibility, and Collaboration

Adult Learning Styles

Ensure learners are aware of Adult Learning principles to ensure they take accountability for their own learning

* Sally Freeman, former Director, National Center for Case Study Teaching in Science

5 Used with approval; 020720
The EHDEN Academy as an example focal point

• Launched in April 2020
  – 10 courses
    • ETL Learning Pathway
    • Tools, Methods & Skills
  – Janssen OHDA/Erasmus UMC
  – Moodle platform
  – ~1,300 enrollees
    • 49 SMEs (‘tech firms’), or
    • Diversity of functional roles
  – International
  – Expansion of courses
  – User feedback being incorporated
• Aim to be an OHDSI Academy...?
Promotional activity: participants and faculty
We have an opportunity

• Continued expansion of need for RWD/RWE
• Recognition internationally of a need for upskilling in the skills, experience and methods of working with RWD/RWE
• OHDSI in a unique position as a global open science community

• Admittedly the COVID-19 pandemic has also reinforced the need for RWD/RWE and the right data being in the right place at the right time to answer the right question, and the education to analyse and interpret it
Why?
To educate the research community on the OHDSI framework for using RWD to generate RWE, to ensure high quality scientific output in observational research

Who?
From novices to experienced, aligned to need and role as RWE generators, utilisers and users

What?
We need an outline competency-based curriculum to drive the educational pathway, and utilising a wealth of resources

How?
Propose to plan, implement and evaluate our educational strategy in OHDSI

When?
Create an education roadmap and timeline allied to both activity and need

Where?
Local, regional, international and global