



# Constructivist Use of Electronic Response Systems

## SESSION OVERVIEW

1. What are these systems?
  - Taking a look at one (PRS)
  - Comparison of currently available systems
2. What can they do?
  - Functionalities
    - Course management issues
    - Planned and spontaneously
    - Simultaneous response collection
    - Response aggregation
  - Limitations
    - Question format
    - Extent of participation
3. How can they address constructivist learning?
  - Collection of input from all learners (full participation);
  - Immediate and anonymous feedback/formative assessment to both instructor and learners (assessment centered)
  - A learner-centered approach (adjust/modify class work based on feedback, JITT)
  - Effective small-group interactions in large course sections (community; peer-peer learning environment)
  - Many pathways allow each student to use his/her own background knowledge – validation – legitimate peripheral participation model (knowledge centered)
  - Addressing diverse learning needs
4. Hands-on Activity
  - Examples from different disciplines
5. Beyond electronic response systems

- Generative designs
  - Participatory simulations
6. Wrapping it up
- Please feel free to contact me with any questions you might have regarding this presentation.
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