### The Universal Design for Learning Guidelines

**Provide multiple means of Engagement**
- **Affective Networks**
  - The "WHY" of Learning
  - Optimize individual choice and autonomy
  - Optimize relevance, value, and authenticity
  - Minimize threats and distractions

**Provide options for Recruiting Interest**
- Heighten salience of goals and objectives
- Vary demands and resources to optimize challenge
- Foster collaboration and community
- Increase mastery-oriented feedback

**Provide options for Sustaining Effort & Persistence**
- Heighten salience of goals and objectives
- Vary demands and resources to optimize challenge
- Foster collaboration and community
- Increase mastery-oriented feedback

**Provide options for Self Regulation**
- Promote expectations and beliefs that optimize motivation
- Facilitate personal coping skills and strategies
- Develop self-assessment and reflection

### Provide multiple means of Representation
- **Recognition Networks**
  - The "WHAT" of Learning
  - Optimize individual choice and autonomy
  - Optimize relevance, value, and authenticity
  - Minimize threats and distractions

**Provide options for Perception**
- Offer ways of customizing the display of information
- Offer alternatives for auditory information
- Offer alternatives for visual information

**Provide options for Language & Symbols**
- Clarify vocabulary and symbols
- Clarify syntax and structure
- Support decoding of text, mathematical notation, and symbols
- Promote understanding across languages
- Illustrate through multiple media

**Provide options for Comprehension**
- Activate or supply background knowledge
- Highlight patterns, critical features, big ideas, and relationships
- Guide information processing and visualization
- Maximize transfer and generalization

### Provide multiple means of Action & Expression
- **Strategic Networks**
  - The "HOW" of Learning
  - Optimize individual choice and autonomy
  - Optimize relevance, value, and authenticity
  - Minimize threats and distractions

**Provide options for Physical Action**
- Vary the methods for response and navigation
- Optimize access to tools and assistive technologies

**Provide options for Expression & Communication**
- Use multiple media for communication
- Use multiple tools for construction and composition
- Build fluencies with graduated levels of support for practice and performance

**Provide options for Executive Functions**
- Guide appropriate goal-setting
- Support planning and strategy development
- Facilitate managing information and resources
- Enhance capacity for monitoring progress

### Expert learners who are...
- **Purposeful & Motivated**
- **Resourceful & Knowledgeable**
- **Strategic & Goal-Directed**