Role of SI in the TBL Model

In the classroom:
- SI leaders are an extension of the instructor during class
- SI leaders must be knowledgeable of class activities, learning outcomes, and course materials
- SI leaders aid in the understanding of course content during application activities
- SI leaders work with groups to facilitate active discussion

During the study sessions:
- During SI sessions, students work in a collaborative setting to review learning outcomes and application activities
- Sessions are not meant to be re-lecture but rather further the understanding of concepts through peer learning
- SI leaders model effective study skills and time management

Team Based Learning Model

- Students of diverse backgrounds are placed in permanent teams
- Prior to class, students are expected to complete a reading assignment following a detailed reading guide (provided by instructor)
- Student will take a RAP (Readiness Assurance Process) to test their knowledge of reading material
- The RAP consists of two assessments:
  - IRAT: Individual, closed book
  - TRAT: team-based, closed book, open discussion
- Based on RAP performance, instructor will tailor a mini-lecture towards troublesome concepts
- Content is covered on the basis of learning outcomes
- Group application activities based on lecture topics
- Formal TBL courses at UHD: Biology 1301 & 1302 and Chemistry 1307 & 1308

SI Leaders

Qualifications
- Minimum 3.0 cumulative GPA
- Earned grade of B or higher in selected course
- Effective communication skills
- Capacity to work with students with diverse backgrounds

Requirements
- Attend mandatory SI training prior to semester
- Act as a student model in the classroom
- Facilitate two 60-minute study sessions per week
- Devote 1-2 hours per week to plan activities and exam reviews
- Meet with course professor and coordinator periodically
- Capacity to work with students with diverse backgrounds
- Effective communication skills
- Earned grade of B or higher in selected course
- Minimum 3.0 cumulative GPA

Study Sessions

- Informal – free and no appointment necessary
- Planned based on the majority of students’ availability
- Sessions are offered online, evenings, and weekends in addition to various times of the day
- Open study hours on Fridays

Testimonials

- "The SI is awesome and made me feel like I could ask her anything"
  "Helpful to answer my in-class questions"
- "The SI was very helpful always walked around making sure we understood the concepts and activities"

Future Directions

- Continue to improve passing grades and reduce withdrawal through collaborative learning and peer instruction
- Implement TBL model in other courses such as Math, History, and Physics
- Expand the SI program services to other courses
- Offer SI to more upper level courses (Sophomore and Junior level)