



# ANN GENTILE MEMORIAL CONFERENCE

The Future of Motor Learning in  
Rehabilitation & Movement Sciences

**SATURDAY & SUNDAY, NOVEMBER 5 & 6, 2016**

**Movement Sciences Professor Emerita Ann Gentile, who taught at TC for 44 years before retiring in 2008, passed away in February. Ann was a pioneer in applying theories of brain function to motor skill learning in the development of athletic skills and the treatment of adults and children with disorders of movement.**

## Saturday, November 5, 2016

- |                   |   |
|-------------------|---|
| 8:00 - 9:00am     | Registration  |
| 9:00 - 9:40am     | James Gordon - <i>Motor learning as therapy: a critical appraisal of the legacy of Ann Gentile</i>  |
| 9:40 - 10:20am    | Dick Magill - <i>A movement problem-solving hypothesis: Practice condition implications from Gentile's learning stages model</i>                      |
| 10:20 - 10:40am   | Posters and Coffee Break  |
| 10:40 - 11:30am   | Gaby Wulf and Rebecca Lewthwaite - <i>Enhancing motor learning: The OPTIMAL theory</i>  |
| 11:30am - 12:10pm | D. Michele Basso - <i>Multifactorial modifiers of functional recovery after spinal cord injury: Translating Basics Science to Human interventions</i> |
| 12:10 - 12:30pm   | Panel Discussion  |
| 12:30 - 2:00pm    | LUNCH – on your own   |
| 2:00 - 3:00pm     | Alumni presentations  |
| 3:00 - 3:40pm     | Howard Zelaznik - <i>Learning patterns and learning forces: Challenges for the study of motor skill learning</i>                                      |
| 3:40 - 4:20pm     | Karen Adolph - <i>Learning to learn in motor development</i>  |
| 4:20 - 4:40pm     | Panel Discussion and Summary of the Day   |

## Sunday, November 6, 2016

- |                   |   |
|-------------------|---|
| 9:00 - 9:40am     | Roberta Shepherd - <i>An Historical Perspective: The Development of the Movement Sciences as the Basis of Physiotherapy</i> |
| 9:40 - 10:20am    | Andy Gordon - <i>Motor learning based approaches for rehabilitation in children with cerebral palsy</i>                     |
| 10:20 - 10:50am   | Posters and Coffee Break  |
| 10:50am - 12:10pm | Alumni presentations  |
| 12:10 - 1:40pm    | LUNCH – on your own   |
| 1:40 - 2:20pm     | Amy Bastian - <i>Learning and Relearning Movement</i>   |
| 2:20 - 3:00pm     | Lori Quinn – <i>Teaching the brain new tricks: altering disease progression in basal ganglia disorders</i>                  |
| 3:00 - 3:30pm     | Panel Discussion and Closing Comments   |