



# University of Technology, Jamaica

## Faculty of Science and Sport (FOSS)



### Caribbean School of Sport Sciences (CSOSS)

11th Caribbean Conference on Sport Sciences 2025

**Re-Engineering Sports for the Future:  
Innovating Administration, Coaching and Sustainability for a New Era**

**APRIL 4, 2025**

## PROGRAMME

### CONFERENCE REGISTRATION\* 8:30 – 9:00 a.m.

### OPENING CEREMONY 9:00 – 10:30 a.m.

**Master of Ceremony:** Mr. Garfield Jones  
**MC Opening Remarks**  
**Prayer:** Mrs. Tresia-Ann Rose, Lecturer- Caribbean School of Sport Sciences  
**National Anthem**  
**Welcome:** Dr. Melissa Sanderson  
Head, Caribbean School of Sport Sciences (Acting)

#### Greetings:

1. **Dr. Kevin Brown**, President, University of Technology, Jamaica
2. **Professor Samson Omoregie**, Dean, Faculty of Science and Sport (FOSS)
3. **Mr. David Roberts**, Permanent Secretary for the Ministry of Sport and Community Development (Pre-recorded)
4. **Ms. Novelette Harris**, Jamaica Olympic Association
5. **Ms. Sandy Lawrence**, Prior Learning Assessment Coordinator
6. **The Honourable Olivia Grange, OJ, CD, MP** -Minister of Culture, Gender, Entertainment and Sport represented by **The Honourable Mr. Ian Forbes, CD, JP Chairman, Institute of Sports**

**Sport Honorees:** Honourable Michael 'Mike' Fennell, OJ and Honourable Vincent Stephen Francis, OJ

**Reading of Citation** for Mr. Fennell: Ms. Fiona Binns

*Presentation of Citation to Mr. Mike Fennell: Dr. Debbie Devonish, Vice Dean, FOSS*

**Reading of Citation** for Mr. Vincent Stephen Francis: Mr. David Richards

*Presentation of Citation to Mr. Stephen Francis: Professor Samson Omoregie, Dean, FOSS*

**Honorees' Response by Mr. Mike Fennell**

**Introduction of Keynote Speaker:** Mr. Laurence Garriques, Program Director BSc. Sport Science

**Keynote Address:** Mr. Christopher Williams – Founder PROVEN and Spark FDI Limited

### COFFEE BREAK 10:30 – 11:00 a.m.

*During the coffee break the StarApple AI Team will be doing an agility drill on the front lawn*

| 11:00 – 12:00 noon  |   |
|---|---|
| LT-49   | LT-50   |
| <b><u>Session 1. Integrating Artificial Intelligence in Sports</u></b><br><br><b>Session Chair: Mr. David Richards</b><br><br><b>11:00 – 11:20 a.m.</b><br>1.1 Agile Intelligence Combine. Built for Speed, Backed by Science <b>Mr. Adrian Dunkley, StarApple AI</b><br><br><b>11:20 – 11:40 a.m.</b><br>1.2 Investigating the impact of wearables on performance in Jamaican swimming - <b>Professor Kamilah Hylton, UTech, Jamaica</b><br><br><b>11:40 – 12:00 noon</b><br>1.3 Sports AI Nutritionist for the Price of an Oxtail and Rice: Developing Affordable Nutrition Guidance for Caribbean Athletes – <b>Mr. Adrian Dunkley, CEO StarApple AI</b>               | <b><u>Session 2. Health and Wellbeing</u></b><br><br><b>Session Chair: Dr. Natala Burnett</b><br><br><b>11:00 – 11:20 a.m.</b><br>2.1 An Assessment of Doping Risks of Traditional Medicinal Plants of the Caribbean: A Literature Review – <b>Dr. Donna-Marie Wynter-Adams, Utech, Jamaica</b><br><br><b>11:20 – 11:40 a.m.</b><br>2.2 Impact of the Talent Development Environment on the Wellbeing and Burnout of Caribbean Youth Track and Field Athletes – <b>Dr. Candace Thomas, UTT, Trinidad and Tobago</b><br><br><b>11:40 – 12:00 noon</b><br>2.3 “Reducing Injury Risks in Youth Sports: Evidence-Based Strategies and Barriers to Implementation in Trinidad and Tobago” – <b>Dr. Kerry Dollaway, UTT Trinidad and Tobago</b> |
| LUNCH 12:00 – 1:00 p.m.   |   |
| 1:00 – 3:20 p.m.  |   |
| LT-49   | LT-50   |
| <b><u>Session 3. Sports Administration and Social Transformation</u></b><br><br><b>Session Chair: Ms. Octivia Gray</b><br><br><b>1:00 – 1:25 p.m.</b><br>3.1 <b>Guest Speaker, Mr. Andre Waugh</b> “Development of Coaching Education in CONCACAF”<br><br><b>1:25 – 1:45 p.m.</b><br>3.2 “Factors influencing Junior-to-Senior transition of Caribbean Elite Athletes who participate in team and individual sports” – <b>Dr. Karen Lawrence-Ince UTT, Trinidad and Tobago</b><br><br><b>1:45 – 2:05 p.m.</b><br>3.3 Possible Business Model for Broadcasting Minor Sports in Jamaica – <b>Mr. Nigel Cooper, UTech</b><br><br><b>Session Chair: Dr. Melissa Sanderson</b> | <b><u>Session 4. The Future of Coaching and Sports</u></b><br><br><b>Session Chair: Ms. Fiona Binns</b><br><br><b>1:00 – 1:20 p.m.</b><br>4.1 Leveraging Science, Technology, and Innovation for Enhanced Athlete Development in Jamaica and the Caribbean – A Review – <b>Dr. Natwaine Gardner, NCST, Jamaica</b><br><br><b>1:20 – 1:50 p.m.</b><br>4.2 <b>Guest Speaker Mr. Josh Barney, SEAT Conference Chair</b> “eSports and Virtual Competitions: The Rise of Digital Platforms as Legitimate Sports Arenas”<br><br><b>1:50 – 2:10 p.m.</b><br>4.3 Digital Fan Engagement: Transforming Spectator Experiences - <b>G.M. Ciallella, Anaheim Ducks</b><br><br><b>2:10 – 2:30 p.m.</b>   |

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| <p><b>2:05 – 2:25 p.m.</b><br/> 3.4 ATLIS (Athletic Talent, Learning, and Intelligence System): A National Intelligence Network for Sports Development leveraging Knowledge Graphs and Machine Learning to Build Jamaica's Athletic Data Infrastructure – <b>Mr. Adrian Dunkley, CEO, StarApple AI</b></p> <p><b>2:25 – 2:45 p.m.</b><br/> 3.5 Dual Career Athletes – <b>Professor Paul Golding and Mr. Laurence Garriques, UTech, Jamaica</b></p> <p><b>2:45 – 3:05 p.m.</b><br/> 3.6 "Beyond the Game: A Transformative Framework for Sport-Based Crime Prevention in Trinidad and Tobago and the Wider Caribbean," – <b>Dr. Ato Rockcliffe, UTT Trinidad and Tobago</b></p> <p><b>3:05 – 3:20 p.m.</b><br/> 3.7 Reappraising Stress to Enhance Athletic Performance: A PRISMA Systematic Review of "Stress-Is-Enhancing" and Arousal Reappraisal Interventions in Sport - <b>Dr. Marlon Melville, UTT Trinidad and Tobago</b></p> | <p>4.4 The Smart Arena Revolution: How Emerging Technology is Enhancing the Fan Experience – Kim Rometo, Atlanta Hawks</p> <p><b>Session Chair: Mrs. Tresia-Ann Rose</b></p> <p><b>2:35 – 3:00 p.m.</b><br/> 4.5 <b>Guest Speaker - Dawna Callahan, All in Sport Consulting.</b> "Considerations involving Disabled Youth Participation in Sports"</p> <p><b>3:00 – 3:20 p.m.</b><br/> 4.6 "Revolutionizing Wheelchair Handball: The Impact of Augmented Reality on Athlete Training, Skill Development, and Performance Enhancement" – Mrs. Rhonda Clarke-Goden (presentation by Mr. Peer Nasseir), UTT Trinidad and Tobago</p> |
| <p style="text-align: center;"><b>3:20 – 3:55 p.m.</b><br/> <b>Panel Discussion – ‘Coaching the Next Generation’</b><br/> <b>Session Chair: Mr. Laurence Garriques</b></p> <p><b>Panelists:</b><br/> <b>Mr. O’Neil Ebanks</b>, National Volleyball Coach<br/> <b>Ms. Lia Forrester</b>, National Swimmer, CSOSS Student<br/> <b>Ms. Gillian Millwood</b>, Senior Swim Coach, YSpeedos Swim Club<br/> <b>Mr. David Riley</b>, President and Performance Coach, Technique Lab Sport, Performance and Fitness Centre<br/> <b>Mr. Andre Virtue</b>, Director Ballaz International Group<br/> <b>Mr. Chadwick Walton</b>, Cricketer, West Indies Masters</p>  |  |
| <p style="text-align: center;"><b>VOTE OF THANKS 3:55 – 4:00 p.m.</b><br/> <b>Professor Samson Omoregie</b></p>  |  |

### Poster Presentations

1. Association between Physical Activity and Mental Wellbeing amongst Military Personnel in Trinidad and Tobago

Candice E Thomas<sup>1\*</sup>, Shernice A Thomas, Gina Ragbir, Karen Lawrence-Ince  
Centre for Kinesiology, Physical Education and Sport, University of Trinidad and Tobago,  
Trinidad and Tobago

## 2. The Prevalence of Shoulder Injuries and Its Association with Training Parameters In Jamaican National Youth Swimmers

Octivia Gray, University of Technology Jamaica

*\*e-Certificates will be sent to the email address given during registration*



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