



# TASME 2026 30TH ANNIVERSARY CONFERENCE

Technological Advances in Science, Medicine and Engineering

1265 Military Trail, Scarborough, ON M1C 1A4

(University of Toronto Scarborough)

Environmental Science and Chemistry Building



Technological Advances in Science, Medicine, and Engineering Conference

## Saturday, July 4<sup>th</sup>, 2026

8:00AM

### REGISTRATION & BREAKFAST

- Volunteer coordination
- Networking and welcome reception

8:30AM

### OPENING REMARKS

#### Welcome by the Co-chairs of TASME, TASME past, present, and future

- Overview of conference objectives
- Reflection on 30 years of organizational journey
- Pre-launch of the 30th anniversary commemorative book with the faculty, and Pictures of attendees to be taken in the UTSC foyer
- Academic engagement and mentorship



Prof. Nades Palaniyar, Ph.D. TASME Co-Chair, University of Toronto, Canada



Prof. Bala Maheswaran, Ph.D. Co-Chair Northeastern University, Boston, USA



Dr. Jeya Thayaparan, MD, FRCPC, Conference Co-Chair Director, Bridging Futures Canada Society,



Prof. Nirusha Thavarajah, PhD, Conference Chair. A University of Toronto Scarborough

9:00AM

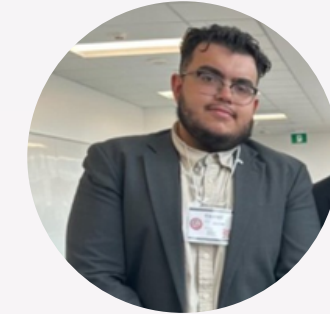
### LAND ACKNOWLEDGMENT & INDIGENOUS PERSPECTIVES

Indigenous delegates from York University,

- Reflection on water scarcity, reconciliation, and Canadian sovereignty



Mrs. Natasha Bascevan, Med. Founder of Verdant Roots, Indigenous Education Consultant, patient advocate, York University



Eilya Parsa, MSc (Candidate), Coordinator at Bridging Futures Canada Society, McMaster Graduate

9:30AM

### GUEST SPEAKER

Topic: Community, Identity, and Resilience in Times of Global Conflict with innovation and technology  
Mental health and diaspora resilience



Prof. Nanda Ganesan, Ph.D. California State University, Los Angeles, USA



Dr. Senthuran Gunaratnam, MBBS, FRCPC, Adult Psychiatry and Health Systems, University of Toronto



Dr. Parvathy Kanthasamy, PhD, Director of Vasnatham Wellness Centre, over 25 years of experience



Dr. Tharsan Kanagalingam, MD, Internal Medicine, University of Toronto

10:00AM

### PANEL DISCUSSION

#### Healthcare, Migration, Trauma, and System Change,

- Multidisciplinary discussion
- AI, health equity, and future care systems



Dr. Shano thiyagalingam, MD, FRCPC, MHM, FACP, Geriatric consultant,



Dr. Thamothersampillai Umaharan, MBBS, MSc, Psychiatrist with 20 years of clinical experience



Dr. Parvathy Kanthasamy, PhD, Director of Vasnatham Wellness Centre, over 25 years of experience



Eilya Parsa, MSc (Candidate), Coordinator at Bridging Futures Canada Society, McMaster Graduate

10:30AM

### COFFEE & NETWORKING BREAK

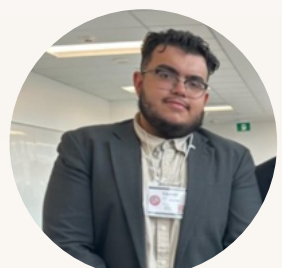
11:00AM

### MEDICINE SESSION

Collective Trauma and Mental Health in Sri Lanka

Presenters: Dr. T. Umaharan, MBBS, MSc

- War-related trauma across generations
- Mental health and diaspora resilience



Eilya Parsa, MSc (Candidate), Coordinator at Bridging Futures Canada Society, McMaster Graduate



Ms. Cashvi Manivannan, HBSc (candidate), Toronto Metropolitan University



Dr. Thamothersampillai Umaharan, MBBS, MSc, Psychiatrist with 20 years of clinical experience



Mr. Samarrann Sivaloganathan, HBSc (candidate), University of Toronto



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### SCIENTIFIC ABSTRACT SESSION I



**Prof. Bala Maheswaran, Ph.D. Co-Chair** Northeastern University, Boston, USA

**Engineering Session**  
Topic: to be completed



**Prof. Kandiah Ramanitharan Ph.D.**, Central State University, USA



**Prof. Nanda Ganesan, Ph.D.** California State University, Los Angeles, USA

**Technology Session**  
Topic: Innovation and technology presentations  
Topic: AI in Medicine



**Dr. Jeya Thayaparan, MD, FRCPC, Conference Co-Chair** Director, Bridging Futures Canada Society,



**Prof. Phani Radhakrishnan, PhD,** University of Toronto Scarborough

**Science Session**  
**Chemistry** streams focus on pharmaceutical, biochemical, environmental, and sustainable chemistry innovations.



**Prof. Nirusha Thavarajah, PhD, Conference Chair.** AUniversity of Toronto Scarborough

**Environmental** streams focus on sustainability, climate change, water, food systems, and resilience.

12:30PM

### LIGHT LUNCH AND NETWORKING

1:30PM

### SCIENTIFIC ABSTRACT SESSION II



**Dr. Shribavan Kanesamoorthy, MBBS, MBA, PhD Candidate** in Western University.

- Oral presentations selected from submitted abstracts
- Mental health /Panel sessions and sessions tracks Best paper selected for each paper, Science, Medicine, Engineering and Technology



**Dr. Prabu Nadaraja, MBBS, MPH** PhD Candidate at Western University



**Dr. Shano thiyagalingam, MD, FRCPC, MHM, FACP,** Geriatric consultant,



**Dr. Logi Umaharan MBBS, MSc** University of Toronto Graduate

2:15PM

### SCIENTIFIC ABSTRACT SESSION III



**Dr. Shribavan Kanesamoorthy, MBBS, MBA, PhD Candidate** in Western University.

- Selected best paper for Oral Presentation



**Dr. Prabu Nadaraja, MBBS, MPH** PhD Candidate and Graduate Teaching Assistant at Western University, Canada

3:00PM

### REFRESHMENT BREAK

3:30PM

### AWARDS & RECOGNITION CEREMONY



**Prof. Nanda Ganesan, Ph.D.** California State University, Los Angeles, USA

- Research Awards
- Student Recognition



**Dr. Shano thiyagalingam, MD, FRCPC, MHM, FACP,** Geriatric consultant,



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## Saturday, July 4<sup>th</sup>, 2026



Prof. Nades Palaniyar, Ph.D.  
TASME Co-Chair, University of Toronto, Canada

- Volunteer Appreciation



Prof. Bala Maheswaran, Ph.D. Co-Chair  
Northeastern University, Boston, USA

4:00PM

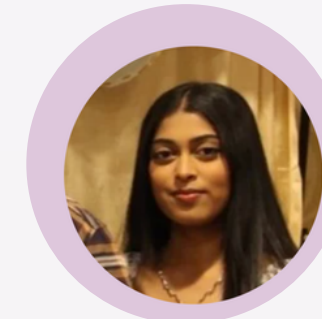
### CLOSING REMARKS



Mr. Samarrann Sivaloganathan,  
HBSC (candidate), University of Toronto

Summary of conference highlights

- Acknowledgments
- Announcement of future initiatives



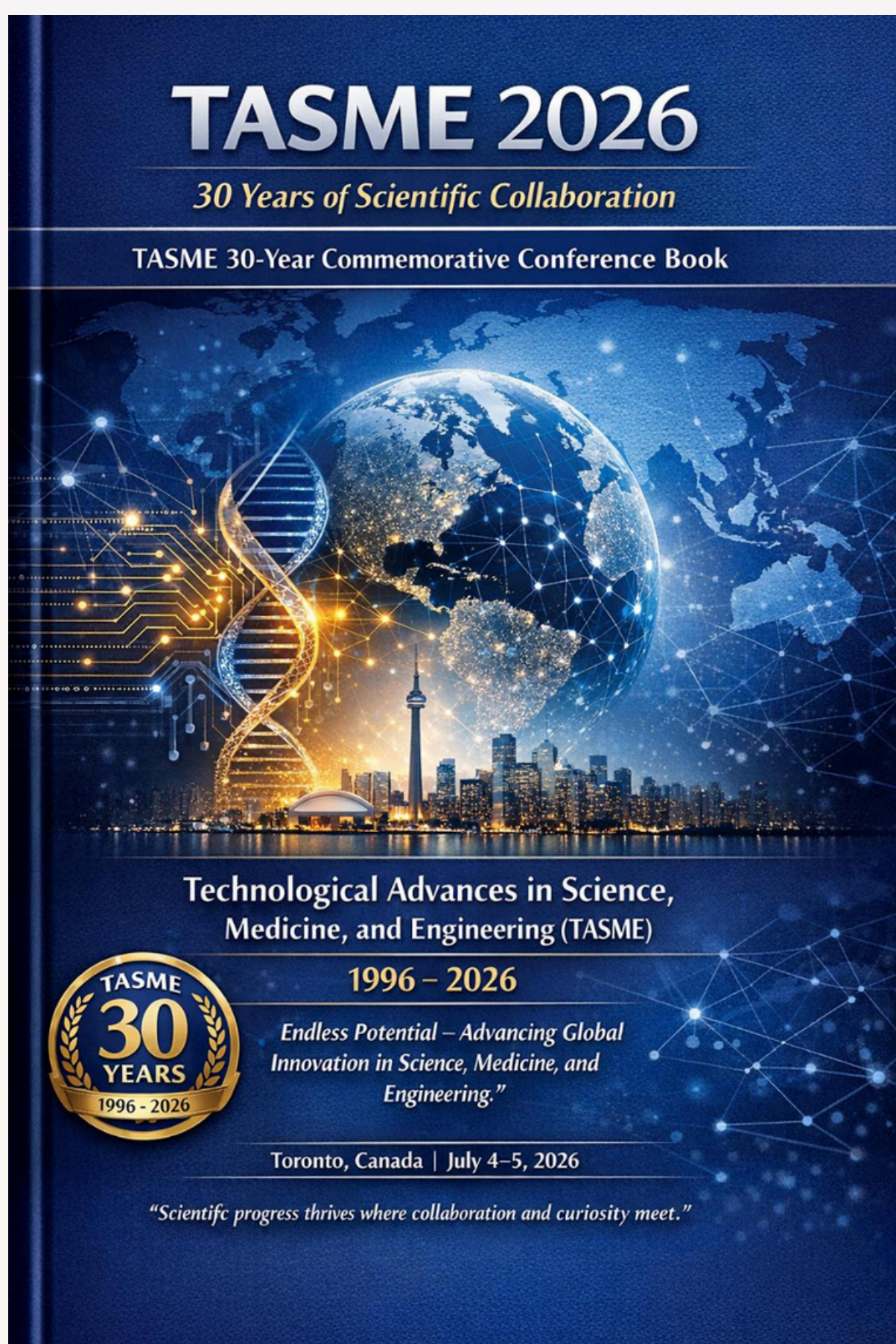
Ms. Cashvi Manivannan, HBSc (candidate), Toronto Metropolitan University

### 4:30 PM ONWARDS

Celebration Dinner / Networking Reception -

- (External venue – details to follow)

TASME 30<sup>th</sup> Anniversary Book Launch



Complementary Book launch Reframing Dementia care by BFCs

