



2008 RESNA Awards Ceremony



Sunday
June 29, 2008



Agenda

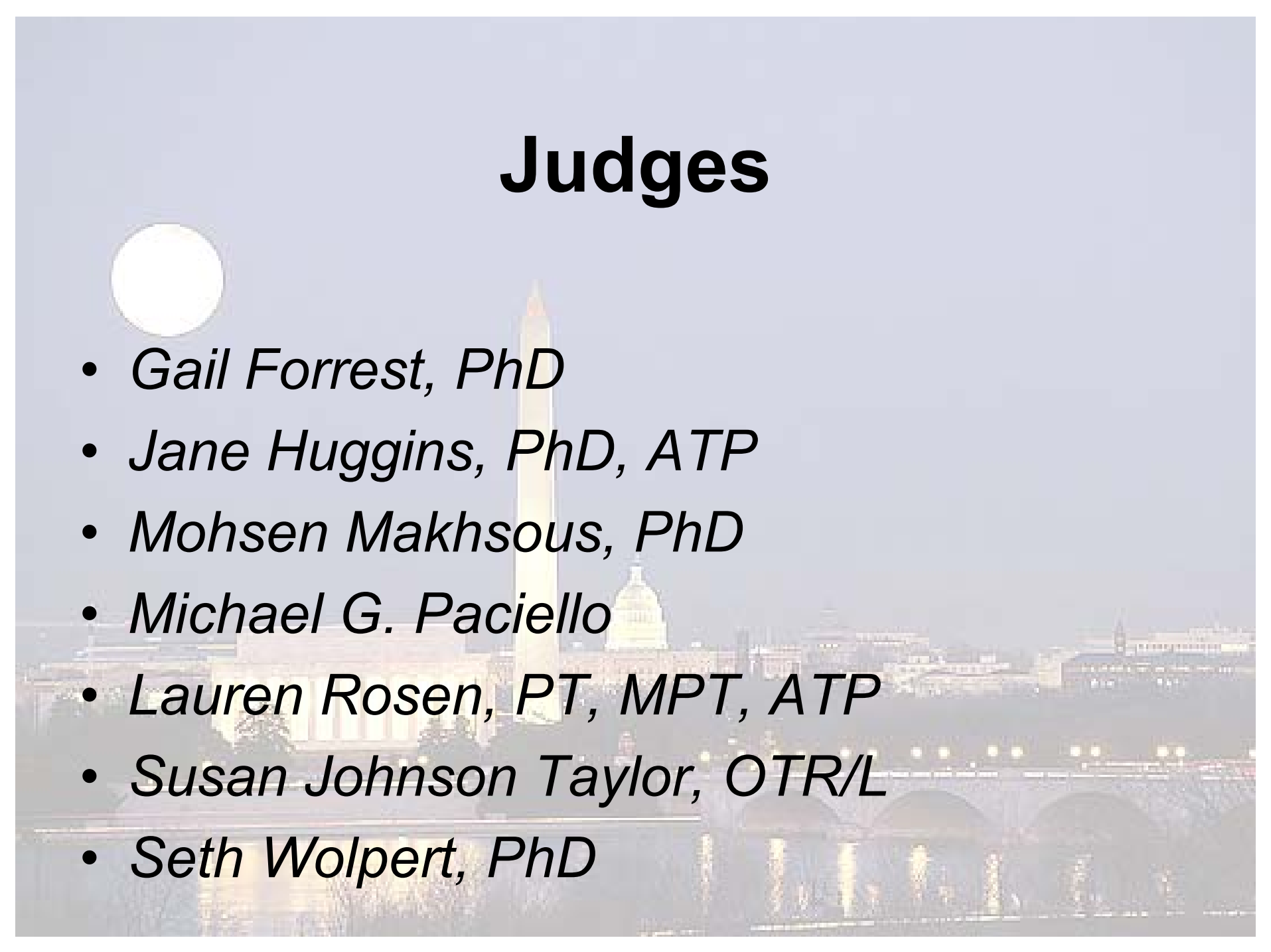
- Student Design Competition Awards - *Mark Bresler*
- Student Scientific Paper Awards – *Susan Johnson Taylor, OTR/L*
- International Appropriate Technology Design Competition Awards - *Jon Pearlman*
- RESNA Awards - *Dave Jaffe*

Student Scientific Paper Competition



- Chair – [Lisa K. Simone, PhD](#)
- Host – Susan Johnson Taylor, OTR/L
- Thanks to all the reviewers!
- Special thanks to our generous sponsor – *Paralyzed Veterans of America*

Judges

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- *Gail Forrest, PhD*
 - *Jane Huggins, PhD, ATP*
 - *Mohsen Makhsous, PhD*
 - *Michael G. Paciello*
 - *Lauren Rosen, PT, MPT, ATP*
 - *Susan Johnson Taylor, OTR/L*
 - *Seth Wolpert, PhD*

Honorable Mention Paper



Accelerometry-Based Classification of Wheelchair Propulsion Patterns Using Machine Learning Techniques

Vishnu Ambur

Georgia Institute of Technology

Honorable Mention Paper

**Development and Testing of a New Drop-Off
Detection System for Powered Wheelchairs**

Edvier Cabassa-Miranda
University of Puerto Rico
Mayaguez Campus

Honorable Mention Paper



Estimating Temporal Parameters of Wheelchair Propulsion Based on Hand Acceleration

**Shivayogi Hiremath, BS
University of Pittsburgh**

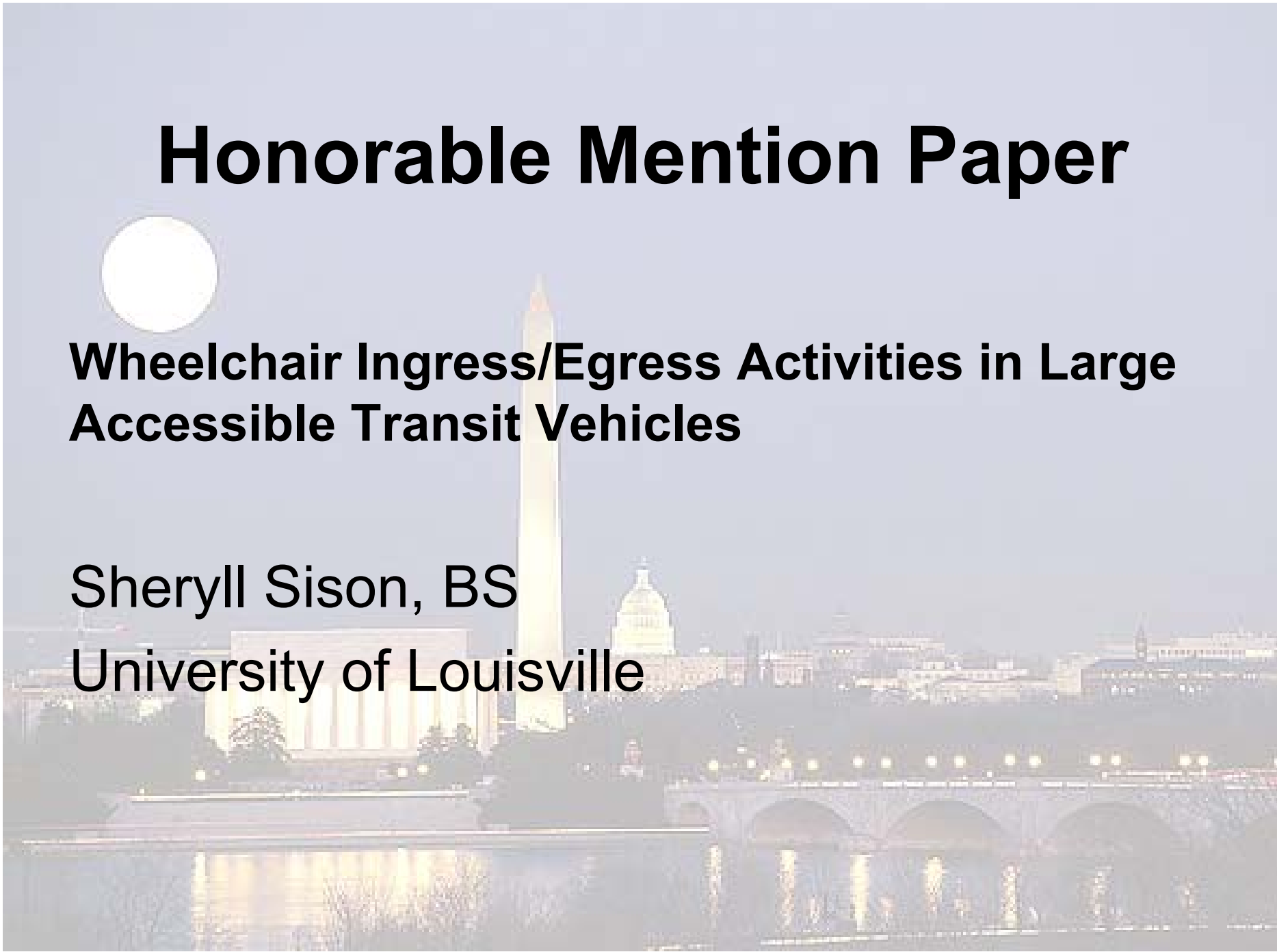
Honorable Mention Paper



Wheelchair Ingress/Egress Activities in Large Accessible Transit Vehicles

Sheryll Sison, BS

University of Louisville



Honorable Mention Paper



The Effect of Shoulder Position on Pushrim Forces during Overground Manual Wheelchair Propulsion

Michael Turkovich
University of Pittsburgh

Winning Paper

Do Stroke Characteristics Change During a High-Intensity 12-minutes Corridor Wheelchair Propulsion Test in Experienced Manual Wheelchair Users?

Dany Gagnon, PhD, PT
University of Pittsburgh

Winning Paper

**Shoulder Joint Loading for Three Types of
Lateral Wheelchair Transfers**

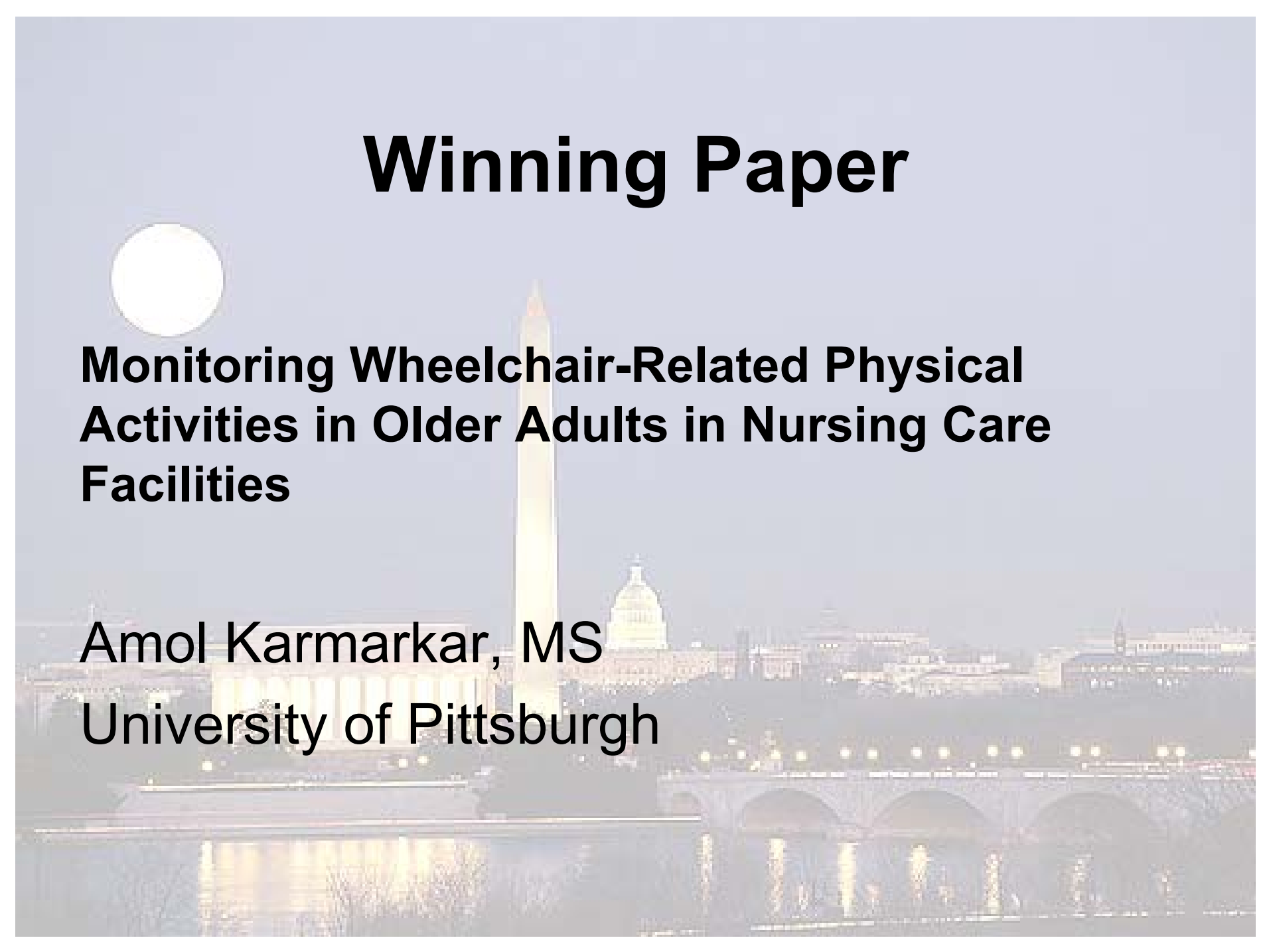
Padmaja Kankipati, MS
University of Pittsburgh

Winning Paper



Monitoring Wheelchair-Related Physical Activities in Older Adults in Nursing Care Facilities

Amol Karmarkar, MS
University of Pittsburgh



Winning Paper

Impact and Usage of Pushrim Activated Power Assist Wheelchair among Individuals with Tetraplegia

Ana Souza, MS
University of Pittsburgh

Winning Paper

Influence of Gripping Moments during Wheelchair Propulsion on Natural Surfaces

Hongwu Wang, MS
University of Pittsburgh

