



***Creating an Evidence-Based Guideline for Vocational Evaluation Following a Burn Injury: Translating Evidence and Expertise For Clinical Practice***

**Dr. Mary Stergiou-Kita, PhD., OT Reg. (Ont)**

**Scientist, Toronto Rehabilitation Institute, UHN**

**Assistant Professor, Department of Occupational Science & Occupational Therapy, University of Toronto**

**Alisa Grigorovich, MA**

**Research Assistant, St. John's Rehab, Sunnybrook Research Institute, Sunnybrook Health Sciences Centre**



***Beyond the traditional: New Ideas, New Roles***

February 25, 2013 • Chestnut Conference Centre, Toronto, ON



**Sunnybrook**

ST. JOHN'S REHAB



# AIM: Clinical Practice Guideline (CPG) for Vocational Evaluation Following Burn Injury

To explicate processes + factors relevant to vocational evaluation

To assist evaluators in collaboratively determining work abilities

To make recommendations for work entry, re-entry, vocational planning

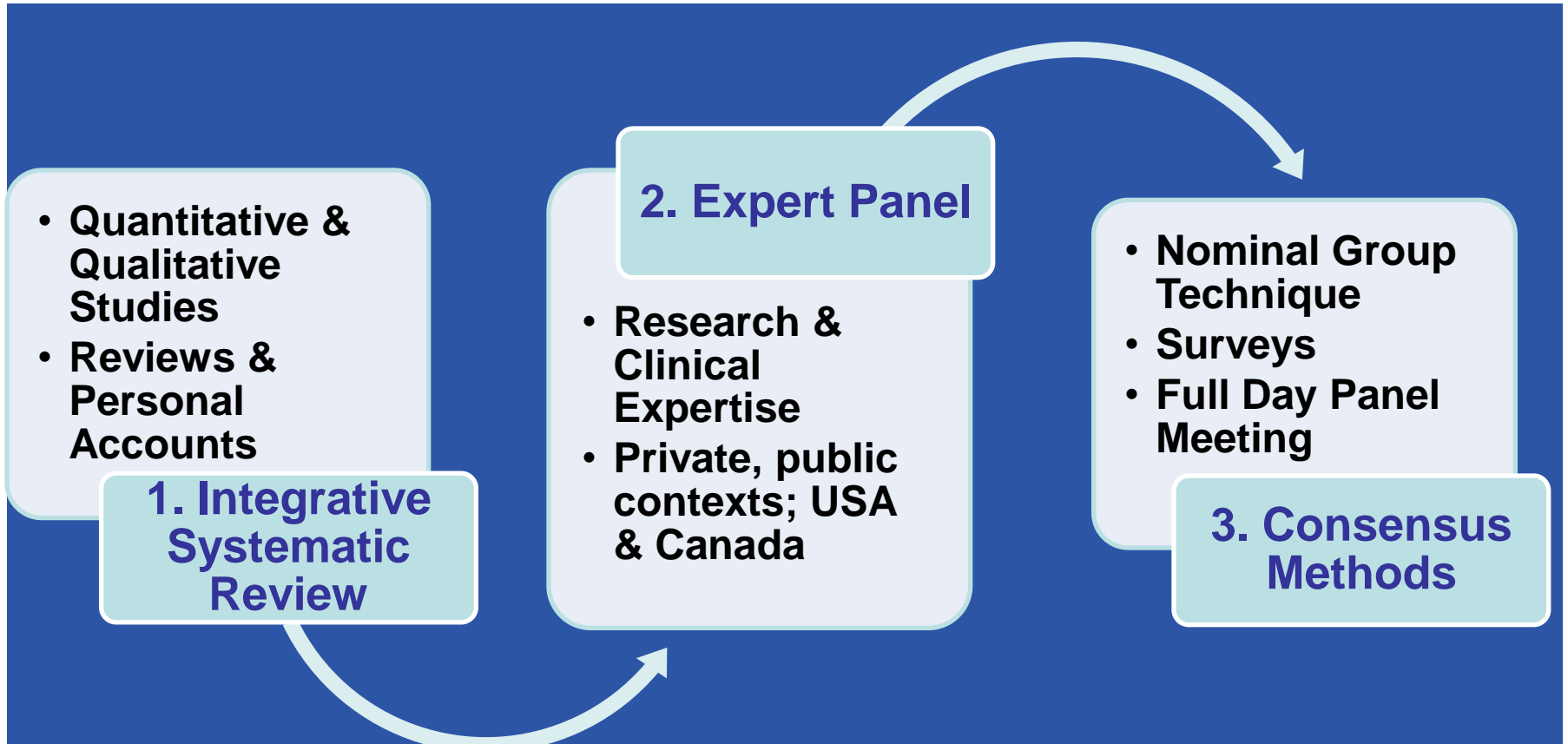


**Sunnybrook**

ST. JOHN'S REHAB

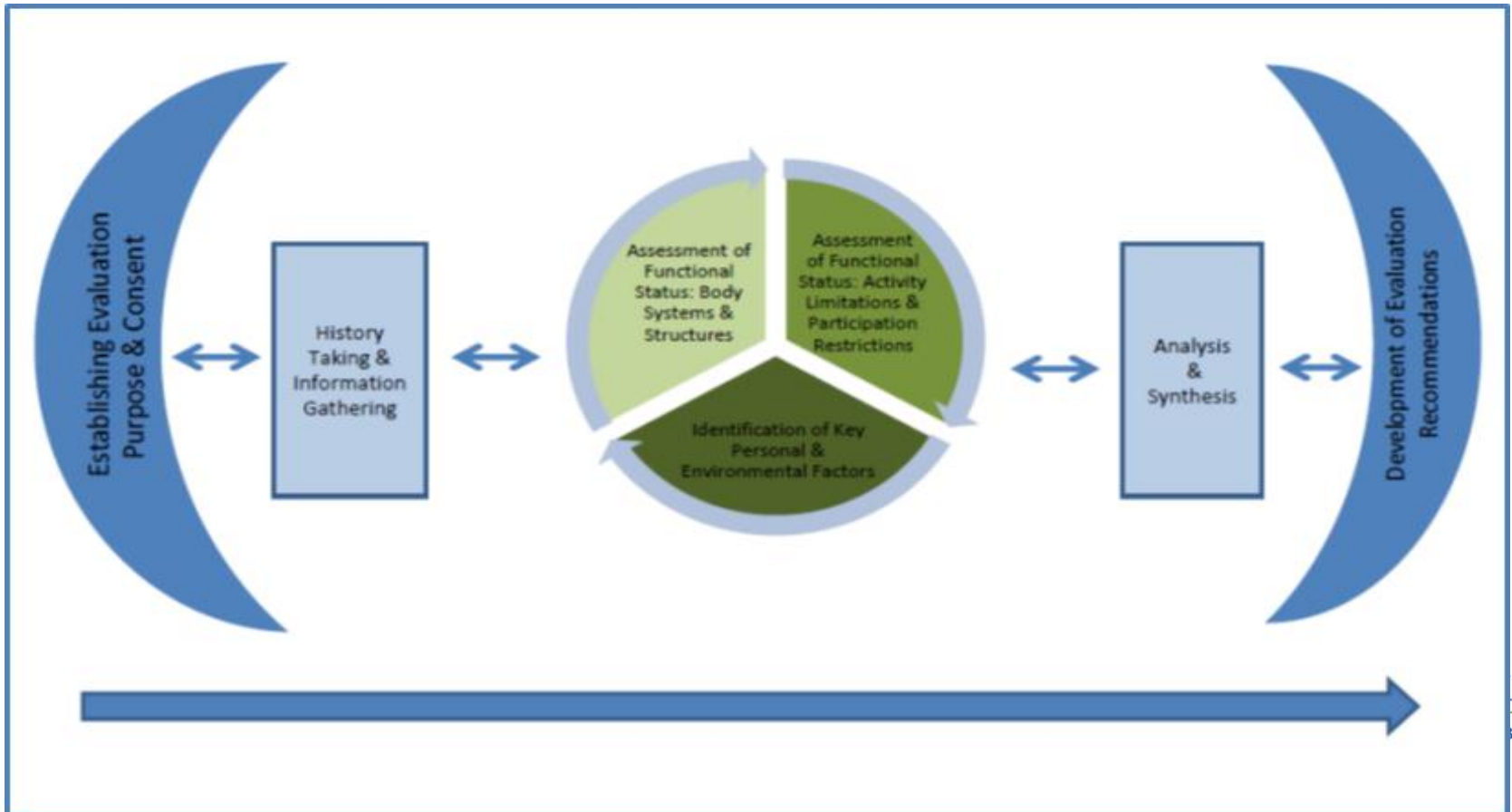


# Methods



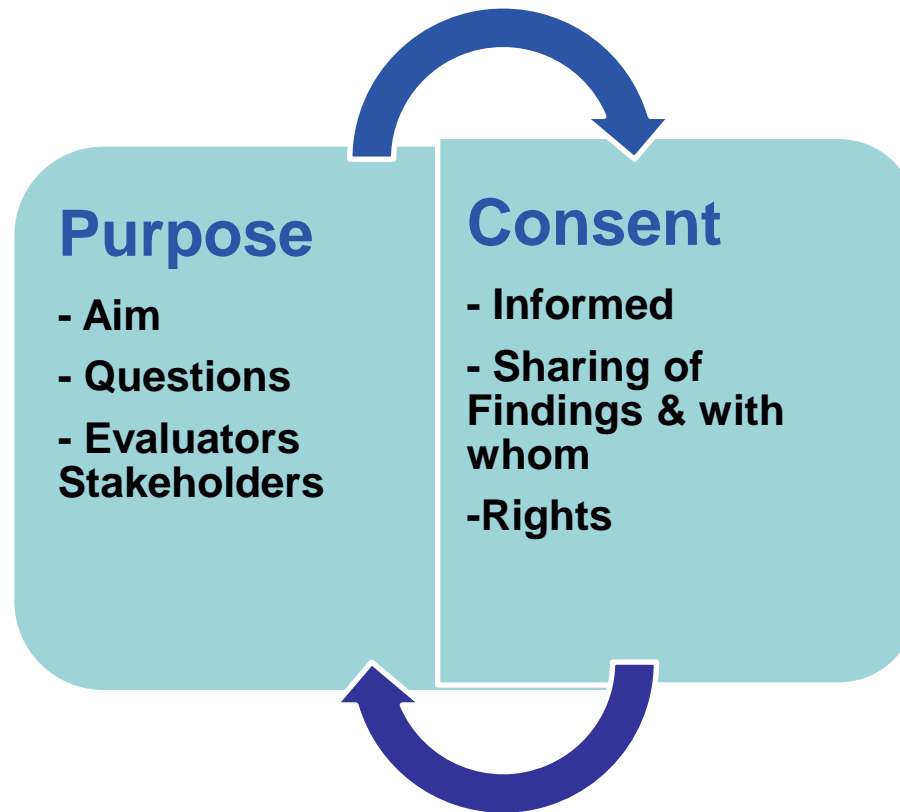


## **RESULTS: *The Evidence-Based Framework for Vocational Evaluation Following Burn Injuries***





# 1. Establishing Evaluation Purpose & Obtaining Informed Consent



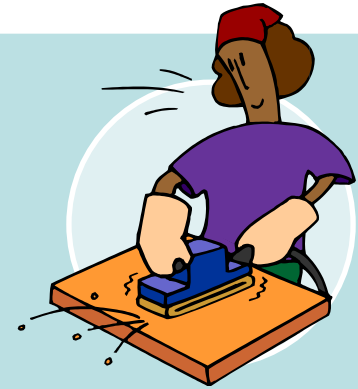
## 2. History Taking and Information Gathering



**Health History**



**Education &  
Work History**

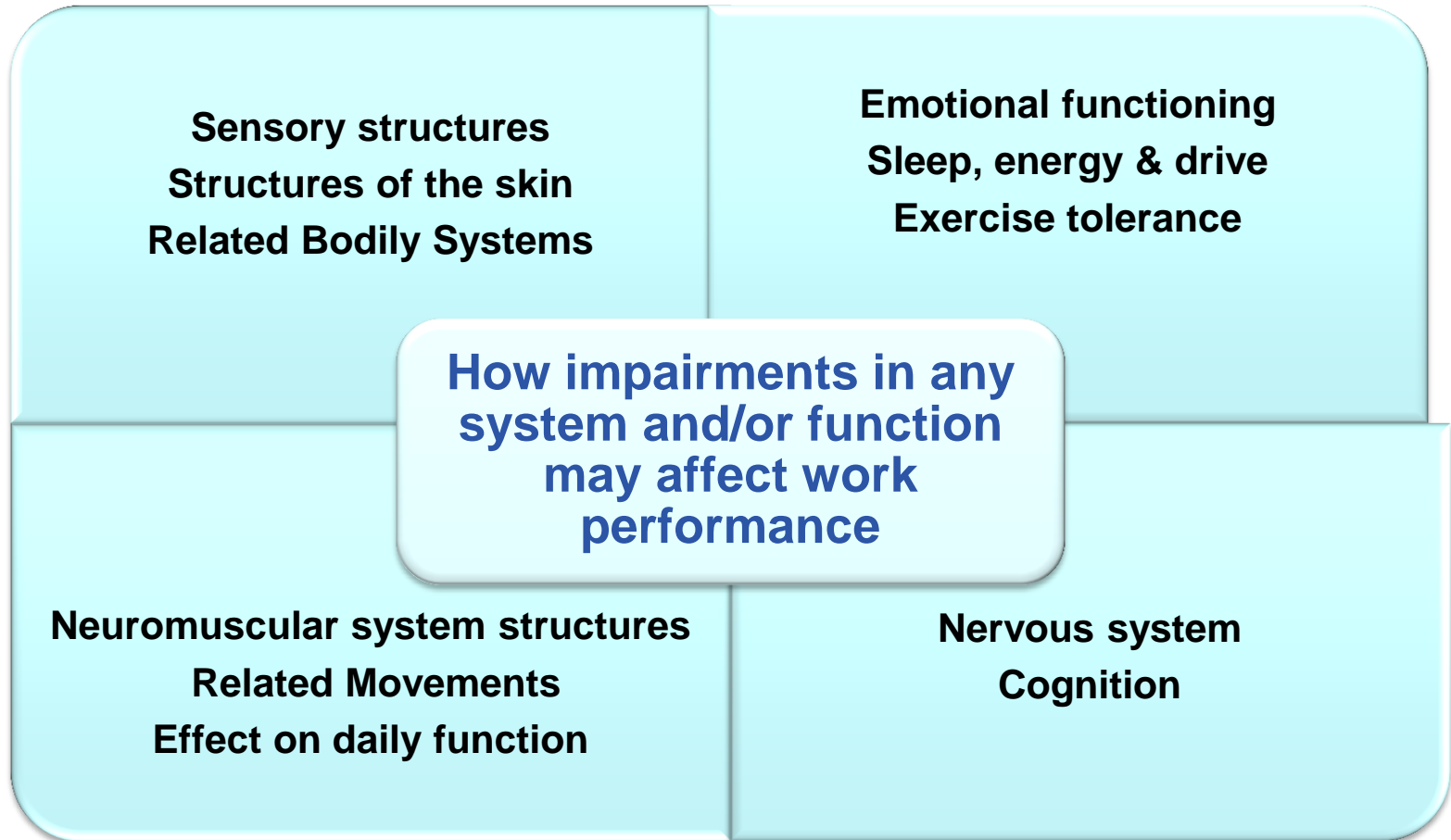


**Worker's  
Perspective &  
Self  
Perceptions**



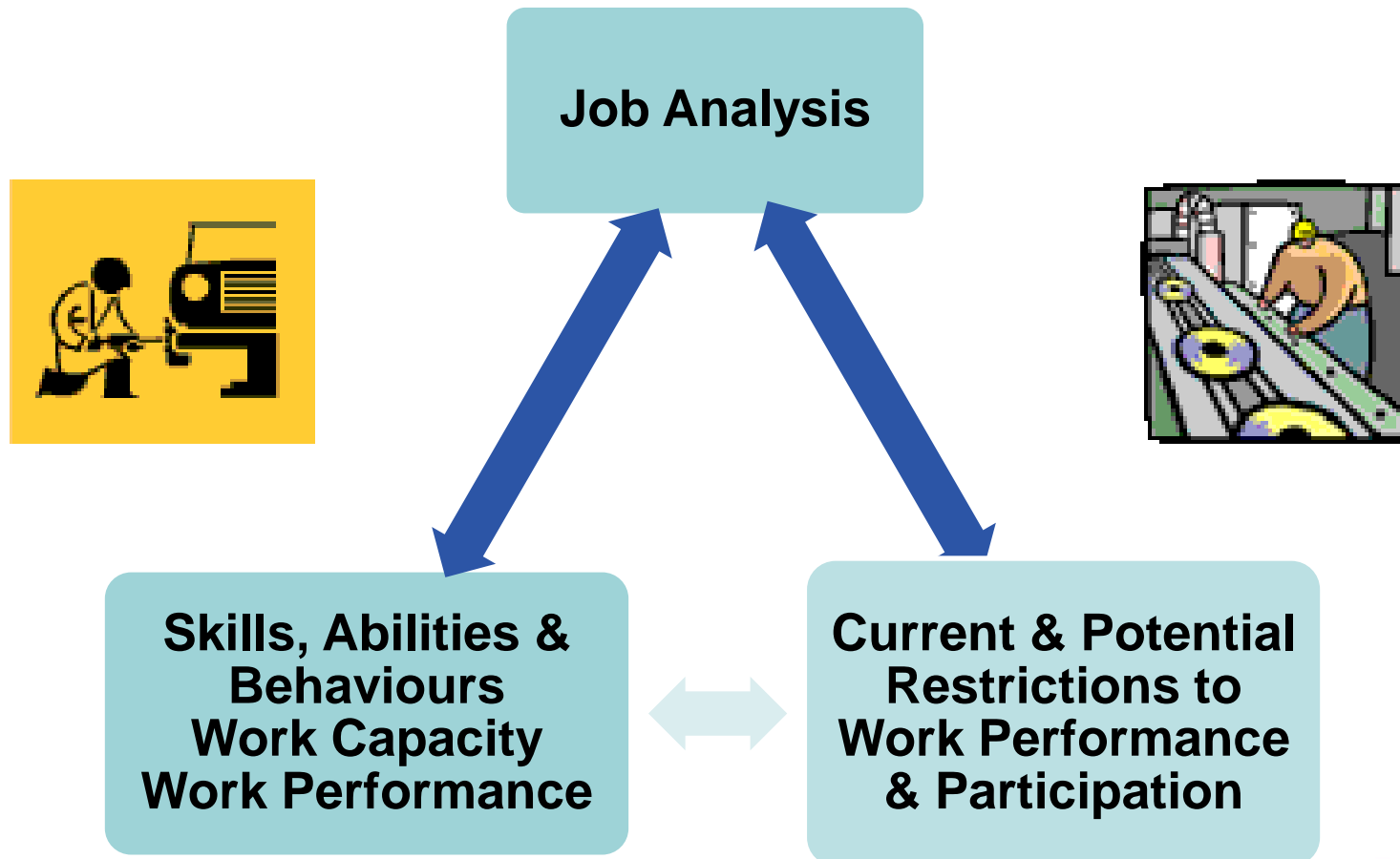


### 3. Assessment of Functional Status: Body Systems and Functions





# 4. Assessment of Functional Status: Activity (Work Performance), Limitations & Participation Restrictions







## 5. Assessment of Functional Status: Identification of Key Personal & Environmental Factors (+/-)

### **PERSONAL**

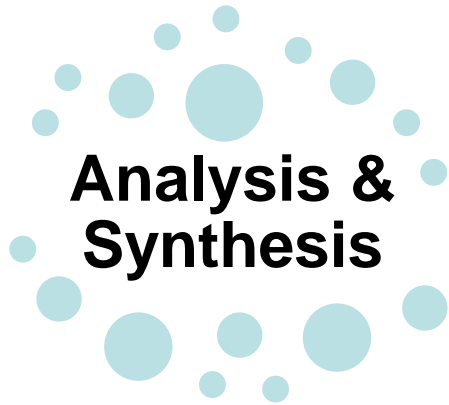
- Age
- Gender
- Motivation/ determination
- Recovery expectations
- Self-assessment
- Concerns & fears
- Confidence and Safety in workplace

### **ENVIRONMENTAL**

- Assistive technologies/devices
- Access to programs, services & teams with specialized knowledge
- Social support
- Workplace policies
- Public & societal attitudes
- Macro-economic factors (e.g. job availability)



## 6. Analysis/Synthesis + 7. Recommendations



**Development of  
Recommendations**

- **Data collected**
- **Fit between worker's abilities, work demands & environmental supports**
- **Key personal and environmental factors that enhance work/ RTW**

- **Work entry, RTW, alternate vocational planning**
- **Job modifications, supports, accommodations**
- **Graduated work trial & implementation**
- **Additional recovery, education, training, therapy required**

# RELEVANCE & IMPACT



Vocational  
Evaluation  
Teams

Clients &  
Families

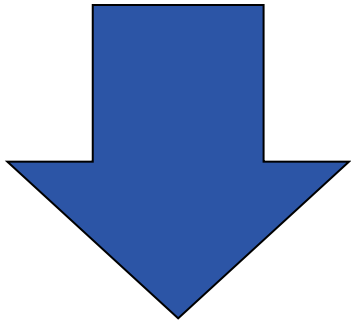
Employers

Educators  
& PPLs

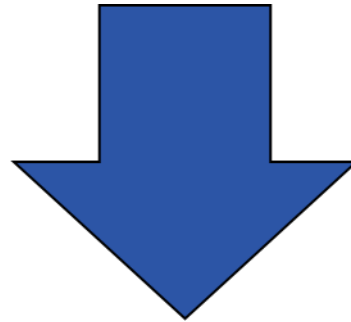




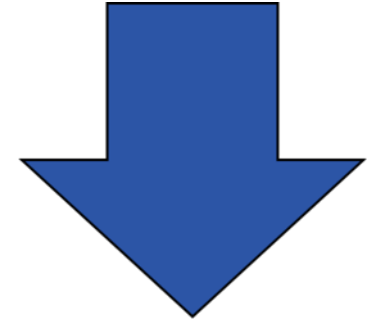
# FUTURE DIRECTIONS



**Dissemination**



**Application in  
Context**



**Evaluation of Practice  
& RTW Outcomes**





# ACKNOWLEDGEMENTS

Name and Affiliation of Expert Panel Members	Expertise
<b>Mr. Sergio Babel</b>	<b>Recent RTW Client</b>
<b>Dr. Peter Esselman, University of Washington, Harborview Medical Center, Seattle, Washington,</b>	<b>Professor and Chair of the Department of Rehabilitation Medicine, Chief of Rehabilitation Medicine, Physiatrist</b>
<b>Ms. Vera Fung, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Physiotherapist</b>
<b>Dr. Paula Gardner, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Psychologist</b>
<b>Ms. Anne Hayward, Ross Tilley Burn Centre, Sunnybrook Health Sciences Centre</b>	<b>Social Worker</b>
<b>Dr. Karen Kowalske, University of Texas, Southwestern Medical Centre</b>	<b>Professor and Chair of the Physical Medicine &amp; Rehabilitation Department, Physiatrist</b>
<b>Ms. Pauline Palmer, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Physiotherapist</b>
<b>Ms. Barbara Panturescu, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Occupational Therapist</b>
<b>Ms. Daisy Won, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Occupational Therapist</b>
<b>Ms. Zsuzsanna Zagorszki, St John's Rehab, Sunnybrook Health Sciences Centre</b>	<b>Physiotherapist</b>



**\*\*Funding provided to Dr. Stergiou-Kita, from the Foundation, St. John's Rehab, Sunnybrook Health Sciences Centre.**



# CONTACT

[mary.kita@utoronto.ca](mailto:mary.kita@utoronto.ca)

[mary.kita@uhn.ca](mailto:mary.kita@uhn.ca)

[agrigorovich@stjohnsrehab.com](mailto:agrigorovich@stjohnsrehab.com)