

2016 CHS Faculty Travel Subsidy

Mary Jo Cooley Hidecker, Ph.D. – Assistant Professor, Division of Communication Disorders
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1. Purpose of Travel

As a first-time applicant, non-tenured faculty presenting research previously funded by a CHS seed grant, I am requesting partial funding (\$750) for travel.

Travel Budget estimated \$3500: Airfare \$1200, Lodging \$1000, Registration \$500, Meals \$800

Conference Presentation: International Conference on Cerebral Palsy
and other Childhood-onset Disabilities

Date: June 1-4, 2016

Location: Stockholm, Sweden

Type of presentations accepted: 1 scientific paper (oral presentation)
1 instructional course

2. Significance: Enhancement of Research-Related Professional Development and Research Productivity

I will present at the 5th triennial meeting of the International Conference on Cerebral Palsy and other Childhood-onset Disabilities in Stockholm 1–4 June 2016, which is hosted by the key multidisciplinary professional organizations from Europe, Australia, Canada, and the U.S. Presenting at this conference provides me with important feedback and networking with clinicians and researchers who are using my Communication Function Classification System (CFCS; www.cfcs.us Hidecker et al., 2011) and/or are pursuing research and clinical intervention in communication disorders with individuals who have cerebral palsy.

In addition, several of my international and national research collaborators attend this conference which provides us important face-to-face meeting time which supplements our conference calls and emails as we prepare new proposals, implement research, analyze data, and disseminate results.

3. Abstracts

Abstract 1: Oral Presentation - Research partially funded by a 2014 CHS Seed Grant

Inter-rater reliability of the Communication Function Classification System (CFCS) for Adults and Adolescents with Cerebral Palsy

Mary Jo Cooley Hidecker¹, Antoinette Benton², Jan Willem Gorter³, Edward Hurvitz⁴, Allison Long¹ and Beth Young-Jones⁵

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² School Of Medicine, University Of New Mexico, Albuquerque, USA

³ CanChild Centre For Childhood Disability, McMaster University, Canada

⁴ Physical Medicine And Rehabilitation, University Of Michigan, Ann Arbor, USA

Background: The Communication Function Classification System (CFCS) was developed to make a valid, reliable, and easy to use classification system that can distinguish between the communication performance of children. One limitation with the CFCS is that its original focus was on its use with children; however, adults and adolescent continue to be classified under the ‘mild,’ ‘moderate,’ and ‘severe’ ratings for their communication.

Aim: The purpose is to measure CFCS inter-rater reliability between professionals and between professionals collectively and individuals with cerebral palsy.

Method: Sixty-seven adults and twenty-seven adolescents with a diagnosis of CP have been recruited from Michigan, Ontario, and New Mexico clinics. Forty-nine participants were female. Adults who were legally competent or legal guardians of the adolescents and adults who were not legally competent signed an informed consent form. The participant or his/her caregiver and two clinical professionals interdependently assigned a CFCS level. The participant’s demographics, GMFCS and MACS levels were obtained from previous medical records. Weighted kappas were used to compare inter-rater reliability between the professionals and between the professionals collectively and the participant.

Result: The CFCS inter-rater reliability was very good (weighted $\kappa = .82$) between the professionals and was good (weighted $\kappa = .63$) between the professionals and the person with cerebral palsy or a family member.

Conclusion: This study provides evidence for very good inter-rater reliability of the CFCS between the professionals in determining one of the five communication levels in adults and adolescents with cerebral palsy. Although professional tended to classify the communication level of adolescents and adults with CP as less functional than the individuals themselves or their proxy, the overall inter-rater reliability of the CFCS is considered good

Abstract 2: Instructional Course

Classifications of Function in 21st Century: What are they good for?

Mary Jo Cooley Hidecker¹, Ann-Christin Eliasson,² Diane Sellers³, Robert J. Palisano⁴, Peter Rosenbaum⁵

¹University of Wyoming

²Karolinska Institute, Stockholm, Sweden

³Chailey Heritage Clinical Services, United Kingdom

⁴Drexel University

⁵CanChild Centre for Childhood Disability Research, Hamilton ON Canada

Background/Content:

Purpose: This course will present classifications in childhood disabilities and how and when to use them. With the availability of a family of classifications focused on function, practitioners and researchers should consider how one or more of the classifications may be useful for their programs, practice and research. The primary purpose of these systems is to discriminate meaningfully among functional variations in a health condition. Examples will include use of the Gross Motor Function Classification System (GMFCS), the Manual Abilities Classification System (MACS), the Communication Function Classification System (CFCS), and the Eating and Drinking Abilities Classification System (EDACS). Clinical cases will be presented that consider the classifications separately and together as a functional profile.

Learning Objective 1: To understand the purposes of classification systems.

Learning Objective 2: To classify using the GMFCS, MACS, CFCS, & EDACS.

Learning Objective 3: To use a functional profile of classifications to assist clinical decision-making and research objectives.

Learning Objective 4: To describe how classification systems should not be used.

Target Audience: All conference attendees

Case Presentations (25 minutes) Speakers with course attendees to discuss how clinical management might be influenced by knowing an individual's functional profile of GMFCS, MACS, CFCS, and EDACS.

Open Discussion: (10 minutes) audience and speakers to discuss the purposes and limitations of classification systems as well as speakers to answer any questions

4. APPENDICES

Acceptance of an Oral Presentation and an Instructional Course

From: Stockholm Conference 2016 [mailto:message-4461956@axacoair.se]

Sent: Monday, December 21, 2015 7:17 AM

To: Mary Jo Cooley Hidecker <MaryJo.CooleyHidecker@uwo.edu>

Subject: Abstract decision



On behalf of the Scientific Committee, it is our pleasure to inform you that your abstract **Inter-rater reliability of the Communication Function Classification System (CFCS) for Adults and Adolescents with Cerebral Palsy** has been accepted for an Oral presentation (8 + 4 min) during the International Conference on Cerebral Palsy and other Childhood-onset Disabilities in Stockholm 1-

4 June 2016.

Please reply to this notification by January 15 with your acceptance to make an oral presentation of this free paper, [click here](#). Presenters of papers must register for the meeting before February 15 and pay the required registration fee. Registration for the conference is open at www.icpc2016.org.

We received an overwhelmingly large number of abstracts for oral presentations (n= 482), many of very high quality. Unfortunately, we can only include less than one third (n=140) of these. The anonymized (no authors) abstracts have been scored by more than 60 external reviewers and each abstract has been reviewed by three reviewers. Your abstract was among the top 140. We look forward to a very successful meeting in Stockholm and greatly appreciate your significant contribution to our scientific program.

From: Stockholm Conference 2016 [mailto:message-2742512@axacoair.se]

Sent: Monday, December 21, 2015 7:15 AM

To: Mary Jo Cooley Hidecker <MaryJo.CooleyHidecker@uwo.edu>

Subject: Abstract decision

On behalf of the Scientific Committee, it is our pleasure to inform you that your abstract **Classifications of Function in 21st Century: What are they good for?** has been accepted for an Instructional Course during the International Conference on Cerebral Palsy and other Childhood-onset Disabilities in Stockholm 1-4 June 2016.

Please reply to this notification by January 15 with your acceptance to present this Instructional Course, [click here](#). If your course has multiple speakers, please be sure to inform your co-presenters that all speakers of the Instructional Courses must register for the meeting before February 15 and pay the required registration fee. Registration for the conference is open and is at www.icpc2016.org.

We received an overwhelmingly large number of high quality abstracts for instructional courses (n=94) and can only include less than one quarter (n=21) of these. The anonymized (no authors) abstracts have been scored by more than 60 external reviewers in conjunction with abstracts for free papers, and each abstract has been reviewed by three reviewers. Your abstract was among the top 21. We look forward to a very successful meeting in Stockholm and greatly appreciate your significant contribution to our scientific program.

On behalf of the Scientific Committee,

Hans Forssberg, Ann Christin Eliasson and Lena Krumlind-Sundholm

Contact information stockholm2016@arrangera.com