

## ISWP Evidence-based Practice Working Group

### October 5th, 2017 Meeting Recap

The ISWP Evidence-based Practice Working Group met by conference call on Thursday, October 5th, 2017 from 9:00 a.m. to 10:00 a.m. U. S. Eastern Time. This provides a recap.

**Next Meeting:** Thursday, December 7<sup>th</sup>, 2017, 9:00 a.m. U.S. Eastern Daylight Time

**Link to Meeting Recording:** <https://iswp.adobeconnect.com/pdom0et1lxps/>

**Discussion:** (action items in bold/underline)

#### 1. African Journal of Disability, ISWP special issue

The ISWP special issue of the *African Journal of Disability* has been published. It's an online, open-access publication at: <http://www.ajod.org/index.php/ajod>.

There are 15 articles plus an editorial, which can be found by searching "Original Research: Wheelchair-related topics for less-resourced environments (LREs)." Some of the articles will also be used by the ISWP Journal Club, an opportunity for students to review and have a discussion around the topic.

#### 2. Country Data Collection:

The final report on Kenya data collection was received on July 11<sup>th</sup>. List of people trained (basic and intermediate), trainers and trainings held across the country received on July 26th. Highlights were presented on August Data Collection Subcommittee call, and the presentation was shared with the group.

ISWP also received country data collection from the wheelchair needs assessment component of the ISWP affiliate project in Romania (Motivation Romania) and Philippines (Philippine Society of Wheelchair Professionals).

On a side note, ISWP will upload the relevant data from Kenya, Romania and the Philippines into a wiki-like format that will be housed on the ISWP website.

**3. Minimum Uniform Data Set:** Evidence-based Practice WG members have access to the minimum data set tools, which were finalized in April. These include: Two questionnaire versions (short version, 25 questions; long version, 36 questions); interview guides and Excel workbooks. Here is the link to the MUD package in the google folder:

<https://drive.google.com/drive/folders/0By9K14wVjdJGNmdCY1hfeG9Dck0>

Karen Rispin tested the short version of the questionnaire in Kenya in May 2017 with 31 primary school students and 64 secondary school students. For the primary students, data collection took place using an Excel workbook; for the secondary students, the short version of the paper questionnaire was used. The Subcommittee suggested several changes and recommendations; the group is waiting for more data before revising the questionnaire.

**UCP/Wheels for Humanity** is using the February 9, 2017 long version of the questionnaire (35 questions) as part of its Google Wheelchair User's Voice Project pilot with 150 wheelchair users in Indonesia. UCP plans to roll out the project in January 2018 in Nicaragua and Indonesia based on the pilot results with about 200 participants per country. Karen confirmed that she will help provide feedback on the questionnaire at the conclusion of the pilot.

**On the open data kit front**, we narrowed the options to Kobotoolbox and Commcare. Kobotoolbox is free for use by humanitarian organizations; UCP is using the application for the Wheelchair User's Voice Project. Commcare has the feature of sharing de-identified data with ISWP, but there is a subscription associated with it. We are leaning towards Kobotoolbox, pending feedback from the Google's Wheelchair User's project. The goal is to promote and share with all ISWP members.

**Paper on establishing MUD:** Dr. Pearlman suggested that the group start thinking about publishing a paper on the data set development in a peer-reviewed journal. **Interested subcommittee members** are welcome to take the lead; please notify Nancy Augustine or Krithika Kandavel of your interest.

**4. Data Center:** Studies available in the data center are from Mexico (Teleton), Indonesia (UCP) and Kenya and Philippines (Jhpiego). ISWP recently received Pitt and LeTourneau University IRB approvals and received data from the minimum data set collection in Kenya in 2016 and 2017. The 2016 data and 2017 data from secondary students need to be transferred from paper to Excel for data analysis. ISWP is awaiting student resources to support that.

World Vision ACCESS project transfer data has begun and will be uploaded to the data center.

Lee Kirby and team at Dalhousie University completed a secondary analysis of Jhpiego Accelovate data from Kenya and Philippines. As a result of analyzing the data, they are planning to publish a paper titled, "Relationship between services received during wheelchair provision and positive wheelchair-user outcomes in less-resourced settings: a cross-sectional survey in Kenya and Philippines." Overall, they are very pleased with the availability of the data and outcome of the analyses as they found some new insights.

Evidence-based Practice WG members are invited to access the data center and/or contribute studies. WG members received a data center overview on May 17. There is a 30-minute training required to be able to access the virtual desktop with data and statistical software.

We also are exploring migration of the data center into a more accessible web-based center through ADDEP (Archive of Data on Disability to Enable Policy and Research) and ICPSR (Inter-University Consortium for Political and Social Research) consortium. The Center for Large Data Research and Data Sharing in Rehabilitation (CLDR), part of the MR3 Network at the University of Texas, has an initiative to advance research on disability called [ADDEP](#). ADDEP's goal is to bring together existing disability data already available at ICPSR with newly acquired data from rehabilitation medicine and related areas. Users can deposit and find data through ADDEP's web-based tools. ADDEP is hosted by [Inter-university Consortium for Political and Social Research \(ICPSR\)](#), the largest social science data archive in the world and part of the University of Michigan's [Institute for Social Research](#). CLDR also funds pilot projects to perform secondary analysis of data on ADDEP. USAID is a sponsor, and University of Pittsburgh library system is a member. The ADDEP team was positive about potentially using the archive which is more publically available and accessible. Tricia Karg of Pitt is exploring further.

#### 4. Evidence-based Practice WG next steps:

Working Group members agreed to fold the Data Collection and Comparative Effectiveness Research Subcommittees into the Working Group since the initial activities have been completed. The Working Group will focus on activities in the ISWP strategic plan in future calls.

The group also agreed to have a bi-monthly call instead of a monthly call.

With regards to the Journal Club, Nancy requested Working Group members pass along articles to the student leaders of the Journal Club for their consideration. The group, which includes students from a cross-section of universities and training programs, meets twice a year.

**Krithika Kandavel** to confirm that the Evidence-based Practice Working Group receives information about the journal club.

**Participants:**

- ✓ Johan Borg, Lund University  
Nathan Bray, Centre for Health Economics and Medicines Evaluation  
Molly Broderson, Free Wheelchair Mission  
Mark Harniss, University of Washington
- ✓ Kristi Haycock, LDS Charities  
Maria Toro Hernandez, Universidad CES  
Astrid Jenkinson, Motivation UK
- ✓ Padmaja Kankipati, SMOI, Chair
- ✓ Karen Reyes, UCP Wheels for Humanity  
Karen Rispin, LeTourneau University  
Chandra Whestine, World Vision
- ✓ Eric Wunderlich, LDS Charities  
Deepan Kamaraj, University of Pittsburgh
- ✓ Tricia Karg, University of Pittsburgh  
Alexandra Miles, University of Pittsburgh  
Jon Pearlman, University of Pittsburgh  
Rich Schein, University of Pittsburgh
- ✓ Nancy Augustine, University of Pittsburgh
- ✓ Krithika Kandavel, University of Pittsburgh

Prepared by Krithika Kandavel and Nancy Augustine