## Fourth Workshop on Computational Linguistics and Clinical Psychology: From Linguistic Signal to Clinical Reality (CLPsych 2017)

Held at ACL 2017

Vancouver, Canada 3 August 2017

ISBN: 978-1-5108-4581-7

## Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2017) by the Association for Computational Linguistics All rights reserved.

Printed by Curran Associates, Inc. (2017)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics 209 N. Eighth Street Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006 Fax: 1-570-476-0860

acl@aclweb.org

## Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA

Phone: 845-758-0400 Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

## **Table of Contents**

A Cross-modal Review of Indicators for Depression Detection Systems  Michelle Morales, Stefan Scherer and Rivka Levitan
In Your Wildest Dreams: The Language and Psychological Features of Dreams  Kate Niederhoffer, Jonathan Schler, Patrick Crutchley, Kate Loveys and Glen Coppersmith 13
A Corpus Analysis of Social Connections and Social Isolation in Adolescents Suffering from Depressive Disorders  Jia-Wen Guo, Danielle L Mowery, Djin Lai, Katherine Sward and Mike Conway
Monitoring Tweets for Depression to Detect At-Risk Users  Zunaira Jamil, Diana Inkpen, Prasadith Buddhitha and Kenton White
Investigating Patient Attitudes Towards the use of Social Media Data to Augment Depression Diagnosis and Treatment: a Qualitative Study  Jude Mikal, Samantha Hurst and Mike Conway
Natural-language Interactive Narratives in Imaginal Exposure Therapy for Obsessive-Compulsive Disorder  Melissa Roemmele, Paola Mardo and Andrew Gordon
Detecting Anxiety through Reddit Judy Hanwen Shen and Frank Rudzicz
Detecting and Explaining Crisis  Rohan Kshirsagar, Robert Morris and Samuel Bowman
A Dictionary-Based Comparison of Autobiographies by People and Murderous Monsters  Micah Iserman and Molly Ireland
Small but Mighty: Affective Micropatterns for Quantifying Mental Health from Social Media Language Kate Loveys, Patrick Crutchley, Emily Wyatt and Glen Coppersmith