


Landmark College Institute for Research and Training (LCIRT): Recent Scholarly Activities

LCIRT personnel	Scholarly Activities
<p>Manju Banerjee, PhD</p> 	<p>Landmark College Research Funds are completely supported by indirect funds received by LCIRT from National Science Foundation.</p> <p><u>Service</u> Professional Advisory Board member, National Center for Learning Disabilities (NCLD). Expert Panel Consultant, Understood.org.</p> <p><u>Publications</u> Shmulsky, S., Gobbo, K., Donahue, A., & Banerjee, M. (in press). Executive Function, Anxiety, and College Success for Students Who Have ASD. <i>Journal of Postsecondary Education and Disability</i>. Banerjee, M. & Thurlow, M. L. (2015). Using data to find common ground between secondary and postsecondary accommodations for students with disabilities. In C. Secolsky (2nd. Ed. In press), <i>Handbook on Assessment, Measurement, and Evaluation in Higher Education</i>. New York: Routledge Publishing. D'Alessio, K. & Banerjee, M. (2015). Academic advising as an intervention for college students with ADHD. <i>Journal of Postsecondary Education and Disability</i>.</p> <p><u>Presentations</u> Banerjee, M. (March 2017). Invited webinar on transitions and documentation, Independent Education Consultants Association (IECA). Banerjee, M. (Oct. 2016). Invited presentation at the Dyslexia Awareness Family Forum, co-sponsored by Decoding Dyslexia. Banerjee, M., Bryck, R.L., Grabowski, S., Brinkerhoff, L. (February 2016). Post Secondary Transition: Moving from a Fixed to a Growth Mindset. Presentation at the annual Learning Disability Association of American conference, Orlando, FL. Banerjee, M. & Brinkerhoff, L. C. (Jan. 2015). <i>Understanding, Owning, and Explaining One's Own Learning Disabilities to Postsecondary Service Providers</i>. Session presented at the Annual Transitions Conference, Lynn University, Boca Raton, FL. Banerjee, M. & Dahlstrom-Hakki, I. (Feb 2015). <i>The App Club Project: Understanding LD, Mobile Devices and Apps</i>, paper presented at the</p>

Learning Disability Association of America (LDA), Chicago, IL.

Banerjee, M. (April 2015). *Medication and Accommodations: Issues, conundrums and Decisions*. Session presented at the 14th Annual Disability Symposium, University of Pennsylvania, PA.

Banerjee, M. (June, 2015). *Postsecondary Transition, Evidence Based Research and Current Reality*. Invited speaker at the Providence Group Summit, Understood.org, Peabody, MA.

Banerjee, M. & Brinckerhoff, L.C. (June, 2015). *Accommodation Conundrums and Self report*. 3-day Strand presented at the Postsecondary Training Institute (PTI), Center for Postsecondary Education and Disability, University of Connecticut, Boston, MA.

Banerjee, M. & Brinckerhoff, L.C. (July, 2015). *Hybrid Model of Academic Advising as Intervention for College Students with ADHD*. Presented at the annual Association on Higher Education And Disability (AHEAD) Conference, St. Paul, MN.

Banerjee, M. & Pollard, N. (Sept, 2015). *Deciphering Co-Morbid Complex Accommodation Requests*. Session presented at the annual Testing Agencies Disability Forum, Bloomington, MN.

Banerjee, M. (Oct. 2015). *Applying the Mindset Paradigm: Rethinking Traditional Transition-to-College Practices for Students with LD*. Presentation at the International Dyslexia Association of America (IDA), Grapevine, TX.

Banerjee, M. (Nov. 2015). *Know Your Apps: Rubrics for Evaluating Apps Using Principles of Universal Design*. Keynote presentation at the Annual Assistive Technology Workshop sponsored by Columbia University, New York City, NY.

Grants

Social Presence During Instructor Mediated Synchronous Versus Asynchronous On-Line Discussions: A Study of Undergraduate Students with Disabilities Learning Statistics; 2014-2017; Award #1420198, National Science Foundation; Role: Co-Principal Investigator.

Interdisciplinary Coaching as a Nexus for Transforming How Institutions Support Undergraduates in STEM (iCAN); Award# 1505202, National Science Foundation; Role: Co-Principal Investigator

Research Experience for Undergraduates. Supplement to NSF#1420198; 2014-2017; Award# 1550422, National Science Foundation; Role: Co-Principal Investigator.

Morgan Le Fay Center for Advances in Economics, Business, and Entrepreneurship Education; 2014–2019; Morgan Le Fay Dreams Foundation; Role: Steering Committee Member

MacFarlane Foundation; 2014—2016; Roger I. and Ruth B. MacFarlane Foundation. Role: Advisory Board.

Ibrahim Dahlstrom-Hakki, PhD



Presentations

- Asbell-Clarke, J., Dahlstrom-Hakki, I., Plass, J., & Homer, B. (September, 2016). *Revealing the Invisible: Multimodal Analysis of Implicit Game-Based Learning*. Symposium panel presented at the 2016 International Mind, Brain and Education Society (IMBES) conference, Toronto, ON, Canada.
- Dahlstrom-Hakki, I. (June, 2016). *Bio/Neuro/Cognitive Measures to Improve Neurodiverse Learning*. Roundtable discussion presented at the Cyberlearning 2016 annual PI meeting, Arlington, VA.
- Dahlstrom-Hakki, I., Alstad, Z., Asbell-Clarke, J., Rowe, E., & Altman, M. (May, 2016). *Revealing the Invisible: Implicit Measures of the Cognitive Learning Process in Students with ADHD and ASD*. Poster presented at the 2016 Experiential Technology & NeuroGaming Conference, San Francisco, CA.
- Dahlstrom-Hakki, I., & Alstad, Z. (April, 2016). *Comparing and Contrasting Group Research Designs for Students with LD, ADHD, and/or ASD*. Paper presented at the 100th annual meeting of the American Educational Research Association (AERA), Washington, DC.
- Dahlstrom-Hakki, I., & Alstad, Z. (February, 2016). *Assessing Conceptual Understanding in Mathematics: Challenges Facing Students with LD*. Talk presented at the 53rd Learning Disabilities Association (LDA) Annual International Conference, Orlando, FL.
- Alstad, Z., & Dahlstrom-Hakki, I. (February, 2016). *Assessing Conceptual Understanding in Mathematics: Challenges Facing Students with LD*. Poster presented at the 53rd Learning Disabilities Association (LDA) Annual International Conference, Orlando, FL.
- Dahlstrom-Hakki, I. (June, 2015). *Sources of Struggle in the Mathematics Classroom*. Workshop presented at the Western Massachusetts Mathematics Partnership's 2015 Summer Institute, Amherst, MA.
- Dahlstrom-Hakki, I. (May, 2015). *Sources of Struggle in Math and Science: Understanding the Role of Disability Specific Cognitive Loads in STEM*. Talk presented at the 31st Annual Pacific Rim International Conference on Disability & Diversity, Honolulu, HI.
- Dahlstrom-Hakki, I. (February, 2015). *Math for Students with LD: A New Cognitive Load Perspective*. Talk presented at the 52nd Learning Disabilities Association (LDA) Annual International Conference, Chicago, IL.

Grants

Revealing the Invisible: Data-Intensive Research Using Cognitive, Psychological, and Physiological Measures to Optimize STEM Learning; 2014-2017; Award #1417456, National Science

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	<p>Foundation; Role: Principal Investigator.</p> <p><i>Social Presence During Instructor Mediated Synchronous Versus Asynchronous On-Line Discussions: A Study of Undergraduate Students with Disabilities Learning Statistics</i>; 2014-2017; Award #1420198, National Science Foundation; Role: Principal Investigator.</p> <p><i>Research Experience for Undergraduates</i>. Supplement to NSF#1420198; 2014-2017; Award# 1550422, National Science Foundation; Role: Principal Investigator.</p> <p><i>Cognitive Training with 'Project Evo'</i>. 2015. Akili Interactive Labs. Role: Lead Researcher.</p>
<p>Linda Hecker, M.Ed.</p> 	<p><u>Publications</u></p> <p>Hecker, L. (2015, May). The Reading Brain: Executive Function Hard at Work, <i>Learning Disabilities Association of America Source</i>, May 2015. Retrieved from http://ldaamerica.org/the-reading-brain-executive-function-hard-at-work/</p> <p><u>Presentations</u></p> <p>Hecker, L., (October 2016). The Master Notebook Goes Digital: Technology to Support Study Skills. Presented at the annual International Dyslexia Association of America (IDA), Orlando, FL.</p> <p>Hecker, L. (March 2015). <i>Foreign Language for LD? Here's How</i>. Presented at Everyone Reading, New York, NY.</p> <p>Hecker, L. (June 2015). <i>Teaching Foreign Languages to Students with LD</i>. Presented at the annual Post-Secondary Disability Training Institute, Boston, MA.</p> <p>Hecker, L., (October 2015). <i>Procrastination, Perfectionism, and Panic: Executive Function and Academic Writing</i>. Presented at the annual International Dyslexia Association of America (IDA), Grapevine, TX.</p> <p>Hecker, L., (November 2015). <i>Partying, Procrastination and Panic: Executive Function goes to College</i>. Keynote presentation at the Expanding Horizons conference, Tomball, TX.</p>
Cyrus Shaoul, PhD	<p><u>Publications</u></p> <p>Ramscar, M., Shaoul, C., Baayen, R. H., & Tbingen, E. K. U. (2016). Why many priming results don't (and won't) replicate: A quantitative analysis. <i>Submitted</i></p> <p>Tse, C. S., Yap, M. J., Chan, Y. L., Sze, W. P., Shaoul, C., & Lin, D. (2016). The Chinese Lexicon Project: A megastudy of lexical decision performance for 25,000+ traditional Chinese two-character compound words. <i>Behavior Research Methods</i>, 1-17.</p>



Shaoul, C., Baayen, H. R., Westbury, C. F. (2015). N-gram probability effects in a cloze task. *Journal of the Mental Lexicon*, Bridging the Methodological Divide: Linguistic and psycholinguistic approaches to formulaic language, 9(3), 437-472, doi:10.1075/ml.9.3.04sha
 Baayen, R. H., Shaoul, C., Willits, J., & Ramscar, M. (2015). Comprehension without segmentation: A proof of concept with naive discriminative learning. *Language, Cognition and Neuroscience*, 31 (1), 106-128, doi:10.1080/23273798.2015.1065336
 Westbury, C., Shaoul, C., Moroschan, G., & Ramscar, M. (2015). Telling the world's least funny jokes: On the quantification of humor as entropy. *Journal of Memory and Language*, 86, 141-56. doi:10.1016/j.jml.2015.09.001.

Rick Bryck, PhD



Presentations:

Banerjee, M., Bryck, R.L., Grabowski, S., Brinkerhoff, L. (February 2016). *Post Secondary Transition: Moving from a Fixed to a Growth Mindset*. Presentation at the annual Learning Disability Association of American conference, Orlando, FL.
 Bryck, R.L. (March 2016). *Lunch and Learn Webinar: Supporting Students who Learn Differently*. Co-panelist on a webinar sponsored by New England College Personnel Association (NECPA).
 Bryck, R.L., & Fisher, P.A. (April 2015). *Examining the Effects of In-Home Working Memory Training in Low SES Children*. Poster presented at the annual NeuroGaming Conference and Expo, San Francisco, CA.

Grants

Access to Innovative Education: STEM Opportunities for Students with Learning Disabilities (AIE-STEM); 2016-2021; Award #: 1643326; National Science Foundation; NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM); Role: Evaluator
Stress Management and Resiliency Training (SMART) for First-Year Students with Learning Disabilities; 2015-2017; Category 2: Program Development; Bringing Theory to Practice (BTtoP) Foundation; Role: Principal Investigator
Exercise Intervention on Cognition and Achievement for Students with LD; 2015; Landmark College Research Fund; Role: Principal Investigator
Examining the Effects of Working Memory Training in Low SES Children; 2012-2015; R21HD073589; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD); Role: Principal Investigator

