

Christopher Ryan Hill

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EDUCATION

Michigan State University, East Lansing, MI

PhD in Kinesiology

2018

Concentration: Psychosocial Aspects of Sport and Physical Activity

Advisor: Deborah Feltz, PhD

Miami University, Oxford, OH

Master of Science in Kinesiology and Health

2014

Concentration: Psychosocial Sports Studies

Thesis: Conception of ability, self-efficacy, and goal discrepancy in a running task

Advisor: Melissa Chase, PhD

Louisiana State University, Baton Rouge, LA

Bachelor of Science in Kinesiology

2011

Major: Human Movement Sciences

Publications

Samendinger, S. **Hill C. R.**, Kerr, N. L., Winn, B., Ede, A., Pivarnik, J. M., Ploutz-Synder, L., & Feltz, D. L. (in press, 2018). Motivation and high intensity aerobic exercise with a virtual partner. *Journal of Physical Activity and Health*.

Hepler, T. J., Ritchie, J., & **Hill, C.R.** (in press, 2018). Within-person relationship between self-efficacy and performance across trials: Effect of task objective and task type. *Journal of Sports Medicine and Physical Fitness*.

Lee, S., Myers, N. D., Park, T., **Hill, C. R.**, & Feltz, D. L. (in press, 2018). An exploratory study on the Köhler effect and flow state in long-term exergame play. *Simulation and Gaming*.

Geller, K. S., Lancaster, E., **Hill, C. R.**, & Bettinger, S. (in press, 2018). Are collegiate athletes as healthy as we think they are? *Translational Behavioral Medicine*.

<https://doi.org/10.1093/tbm/iby039>

Myers, N. D., Prilleltensky, I., **Hill, C.R.**, & Feltz, D.L. (2017). Well-being self-efficacy and complier average causal effect estimation: A substantive-methodological synergy.

Psychology of Sport and Exercise, 30, 135-144.

<http://dx.doi.org/10.1016/j.psychsport.2017.02.010>

Feltz, D.L., Ploutz-Synder, L., Winn, B., Kerr, N.L., Pivarnik, J.M., Ede, A., **Hill, C.R.**, Samendinger, S., & Jeffery, W. (2016). Simulated partners and collaborative exercise

(SPACE) to boost motivation for astronauts. *BMC Psychology*, 4(54), 1-11. doi: 10.1186/s40359-016-0165-9.

Book Chapter

Feltz, D. L., & Hill, C.R. (in review, 2018). Köhler effect and social comparison: Performance in teams with real and virtual partners. In G. Tenenbaum & R. C. Eklund (Eds.) *Handbook of Sport Psychology*.

Presentations

Hill C. R., Feltz, D. L., & Samendinger, S. (June 2017). The relationship between barrier self-efficacy and physical activity in adolescents: A meta-analytic review. Poster presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. San Diego, CA.

Myers, N.D., Prilleltensky, I, Hill, C.R., & Feltz, D.L. (June 2017). Well-being self-efficacy and complier average causal effect modeling: A substantive-methodological synergy. Verbal Presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.

Feltz, D.L., Samendinger, S., Hill, C.R., Ede, A., Kerr, N.L., Pivarnik, J.M., Ploutz-Snyder, L., & Winn, B. (January 2017). Can a Cyber Partner Boost Motivation to Maintain Long-term Intense Exercise? NASA Human Research Program Investigator's Workshop, Galveston, TX. Funded by NASA/National Space Biomedical Research Institute, MA03401.

Shimoura, E., Schneider, A., Triplett, A., Hill, C.R., Deere, S., Ploutz-Snyder, L., Pivarnik, J.M. & Feltz, D.L. (November 2016). *Changes in VO₂max Over a 24-Week Cycle Ergometer Interval Program Among Physically Active Middle-Age Adults*. Presented at Midwest American College of Sports Medicine Conference, Fort Wayne, IN.

McClure, C., Smith, A., Triplett, A., Hill, C.R., Deere, S., Ploutz-Snyder, L., Pivarnik, J., & Feltz, D.L. (November 2016). *Changes in Muscular Strength Over a 24-Week Cycle Ergometer Interval Program Among Physically Active Middle-Age Adults*. Presented at Midwest American College of Sports Medicine Conference, Fort Wayne, IN.

Samendinger, S., Hill, C.R., Winn, B., Ede, A., Kerr, N., Pivarnik, J., Ploutz-Snyder, L. & Feltz, D.L. (October 2016). *Attitudes Toward Software-Generated Partners During High-Intensity Training*. Verbal Presentation at Meaningful Play, East Lansing, MI.

Hill, C.R., Ede, A., Samendinger, S., Winn, B., Pivarnik, J.M., Ploutz-Snyder, L., Feltz, D.L. (June 2016). *Can a Virtual Partner be a Real Teammate? Group and Team Perceptions in an Exergame Intervention*. Verbal Presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Montreal, Quebec, Canada.

Samendinger, S., Ede, A., Hill, C.R., Winn, B., Pivarnik, J.M. Kerr, N.L., Max, E.J., Ploutz-Snyder, L., Feltz, D.L. (June 2016). *Cyber Partners for Long-Term Space Missions: Boosting Motivation to Maintain Intense Exercise*. Presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity. Montreal, Quebec, Canada.

Smith, A.B., Triplett, A.N., Hill, C.R., Deere, S.J., Pivarnik, J.M., Ploutz-Snyder, L., Feltz, D.L. (June 2016). *Changes in Muscular Strength Over a 24-Week Cycle Ergometer Intervention*. Presentation at the American College of Sports Medicine Conference, Boston, MA.

- Hill, C.R.**, Chase, M.A. & Geller, K.S. (October 2015). *Conception of Ability, Goal Discrepancy, and Self-Efficacy in a Running Task*. Presentation at Association for Applied Sport Psychology Conference, Indianapolis, IN.
- Ede, A., **Hill, C.R.**, Winn, B., Pivarnik, J.M., Kerr, N.L., Jeffery, W., Deere, S.J., Spencer, B.D., Ploutz-Synder, L., Feltz, D.L. (June 2015). *Cyber Partners for Astronauts: Boosting Motivation to Exercise Harder with Exergames*. Presentation at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Portland, OR.
- Feltz, D.L., Ede, A., Winn, B., Pivarnik, J.M., Kerr, N.L., Jeffery, W., Deere, S., Samending, S., Max, E.J. **Hill, C.R.**, Ploutz-Synder. (January 2015) *Cyber Partners in Exergames: Boosting Motivation to Exercise Harder*. Presentation at NSBRI Conference, Houston, TX.
- Hill, C.R.**, Chase, M.A., & Geller, K.S. (February 2014). *Conception of Ability, Self-Efficacy, and Goal Discrepancy in a Running Task: A Proposal*. Presentation at Midwest Sport & Exercise Psychology Symposium, Bowling Green, OH.
- Chase, M.A., **Hill C.R.**, Myers, N., Pierce, S., Martin, E. (October 2013). *Applied Implications of Coaching Efficacy Beliefs for Youth Sport Athletes and Coaches*. Presentation at National AASP Convention, New Orleans, LA.
- Hill, C.R.**, Carson, R.L., & Stewart, L.K. (April 2012). *Burnout Dimensions Among College-Aged Individuals Training for their First Marathon*. Presentation at National AAHPERD Convention, Boston, MA.

Mentored Presentations

- Schneider, A.* & Smith, A.B.* Faculty Mentors: **Hill, C.R.**, Feltz, D.L., Pivarnik, J.M., & Triplett, A.N. (July 2016). *Changes in VO₂max Over a 24-week cycle ergometer interval program*. Presented at Mid-SURE 2016. East Lansing, MI.
- Smith, A.B.* & Schneider, A.* Faculty Mentors: **Hill, C.R.**, Feltz, D.L., Pivarnik, J.M., & Triplett, A.N. (July 2016). *Changes in Muscular Strength over a 24-week cycle ergometer interval program among physically active middle-age adults*. Presented at Mid-SURE 2016. East Lansing, MI.
- Smith, A.B.* & Schneider, A.M.* Faculty Mentors: Triplett, A.N., **Hill, C.R.**, Pivarnik, J.M., & Feltz, D.L. (April 2016) *Changes in VO₂max over a 24-week cycle ergometer interval program*. Presented at the UURAF Conference, East Lansing, MI.
- Higbee, A.*, Woods, A.* & Rabaut, A.* Faculty Mentors: **Hill, C.R.**, Samendinger, S., & Feltz, D.L. (April 2016) *The role of gender influence on ratings of exercise exertion*. Presented at the UURAF Conference, East Lansing, MI.
- Lemmen, N.*, Kelbel, M.* & Sutherland, M.* Faculty Mentors: **Hill, C.R.**, Samendinger, S. & Feltz, D.L. (April 2016) *Self-efficacy over 3 months of intense exercise with a virtual partner*. Presented at the UURAF Conference, East Lansing, MI.
- Rabaut, A.*, Curl, R.* & Mossbarger, A.* Faculty Mentors: Ede, A., **Hill, C.R.**, & Feltz, D.L. (April 2015) *Confidence in a virtual partner*. Presentation at UURAF Conference, East Lansing, MI.
- Bouchard, D.*, Glaab, B.* & Schulte, S.* Faculty Mentors: Ede, A., **Hill, C.R.**, & Feltz, D.L. (April 2015). *Can you believe in a video game to help you exercise?* Presentation at UURAF Conference, East Lansing, MI.

*Denotes Undergraduate Student

FUNDING

Internal Grants

Michigan State University, College of Education Summer Research Renewable Fellowship, \$12,000
(**awarded**, December 2015)

Michigan State University, Department of Kinesiology Research Practicum/Research Development
Fellowship, \$2,051 (**awarded**, November 2015)

Michigan State University, College of Education Summer Research Development Fellowship, \$5,000
(**awarded**, May 2014)

SERVICE

Kinesiology Faculty Advisory Committee August 2017-July 2018

Graduate Student Representative

Kinesiology Department, MSU

Undergraduate Studies and Curriculum Committee August 2015-July 2017

Graduate Student Representative

Kinesiology Department, MSU

Professional Development Chair September 2014 – May 2015

Kinesiology Graduate Student Organization, MSU

Graduate Student Committee Representative August 2012 - May 2014

Miami University, Department of Kinesiology and Health

Professional Organization Membership

Association for Applied Sport Psychology

North American Society for the Psychology of Sport and Physical Activity

American Psychological Association (Division 47)

CERTIFICATIONS

Certificate in College Teaching May 2014

Miami University, Oxford, OH

AWARDS

American Kinesiology Association National Doctoral Scholar Award 2018

Kinesiology Endowed Fellowship 2017

Michigan State University, East Lansing, MI

Erickson Research Fellowship 2014-2018

Michigan State University, East Lansing, MI

3 Minute Thesis Finalist 2014

Miami University, Oxford, OH