David R. Paul, Ph.D.
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Department of Movement Sciences/ Bioregional Planning and Community Design
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EDUCATION

Ph.D. (Exercise Physiology) 1995-1999.	The Ohio State University, Columbus, OH
M.A. (Exercise Science) 1993-1995.	East Tennessee State University, Johnson City, TN
B.P.E (Physical Education) 1988-1993.	Purdue University, West Lafayette, IN

PROFESSIONAL EXPERIENCE

Assistant Professor 2007 – present.	University of Idaho, Moscow, ID
Research Physiologist 2000-2007.	US Department of Agriculture Beltsville Human Nutrition Research Center Diet and Human Performance Laboratory Beltsville, MD
Assistant Professor 1999-2000.	University of Texas at El Paso, El Paso, TX
Graduate Teaching Assistant 1995-1999.	The Ohio State University, Columbus, OH
Graduate Teaching Assistant 1993-1995.	East Tennessee State University, Johnson City, TN

PUBLICATIONS

Paul, D.R., Scruggs, P.W., Goc Karp, G., Ransdell, L.B., Robinson, C., Lester, M.J., Gao, Y., Jones-Petranek, L., Brown, H.B., and Shimon, J. Developing a statewide childhood body mass index surveillance program. In Review August 2012, American Journal of Public Health.

Vella, C.A., **Paul, D.R.**, and Bader, J. Cardiac response to submaximal and maximal exercise in normal-weight and obese, Hispanic men and women: Implications for exercise prescription. Acta Physiol. 2012; 205:113-123.

Baer, D.J., Stote, K.S., **Paul, D.R.**, Harris, G.K., Rumpler, W.V., and Clevidence, B.A.. Whey protein but not soy protein supplementation alters body weight and composition in free-living overweight and obese adults. J Nutr. 2011;141(8):1489-94

Alkurdi, W., **Paul, D.R.,** Sadowski, K., and Dolny, D.D. The effect of water depth on energy expenditure and perception of effort while walking in female subjects. IJARE. 2010; 4:49-60.

Paul, D.R., Kramer, M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Estimates of adherence and error analysis of physical activity data collected via accelerometry in a large study of free-living adults. BMC Med Res Methodol, 2008;8(1):38-47.

Moshfegh, A.J., Rhodes, D.G., Baer, D.J., Murayi, T., Clemens, J.C., Rumpler, W.V., **Paul, D.R.**, Sebastian, R.S., Kuczynski, K.J., Ingwersen, L.A., Staples, R., and Cleveland, L.E. The US Department of Agriculture Automated Multiple-Pass Method reduces bias in the collection of energy intakes. Am J Clin Nutr. 2008; 88:324-32.

Rumpler, W.V., Kramer, M., Rhodes, D.G., Moshfegh, A.J., **Paul, D.R.** Identifying sources of reporting error using measured food intake. Eur J Clin Nutr. 2008;62(4):544-52.

Paul D.R., Kramer M., Moshfegh, A.J., Baer, D.J., Rumpler, W.V. Comparison of two different physical activity monitors. BMC Med Res Methodol. 2007;7(1):26-31.

Stote, K.S., Baer, D.J., Spears, K., **Paul, D.R.**, Harris, G.K., Rumpler, W.V., Strycula, P., Najjar, S.S., Ferrucci, L., Ingram, D.K., Longo, D.L., Mattson, M.P. A controlled trial of reduced meal frequency without caloric restriction in healthy, normal-weight, middle-aged adults. Am J Clin Nutr. 2007;85(4):981-8.

Rumpler, W.V., Kramer, M., Rhodes, D.G., and **Paul, D.R.** The impact of the covert manipulation of macronutrient intake on energy intake and the variability in daily food intake in nonobese men. Int J Obes 2006;30(5):774-81.

Paul, D.R., Rhodes, D.G., Kramer, M., Baer, D.J., and Rumpler, W.V. Validation of a food frequency questionnaire by direct measurement of habitual ad libitum food intake. Am J Epidemiol. 2005;162(8):806-14.

Paul, D.R., Kramer, M., Rhodes, D.G., and Rumpler, W.V. Preprandial ghrelin is not affected by macronutrient intake, energy intake or energy expenditure. J Negat Results Biomed. 4:2, 2005.

Paul, D.R., Novotny, J.A., and Rumpler, W.V. Effects of the interaction of sex and food intake on the relation between energy expenditure and body composition. Am J Clin Nutr. 2004;79(3):385-9.

Jacobs, K.A., **Paul, D.R.**, Geor, R.J., Hinchcliff, K.W., and Sherman, W.M. Dietary composition influences short-term endurance training–induced adaptations of substrate partitioning during exercise. Int J Sport Nutr Exerc Metab. 2004;14(1):38-61.

Davies, M.J., Judd, J.T., Baer, D.J., Clevidence, B., **Paul, D.R.**, Wiseman, S., Muesing, R., and Chen, S.C. Black tea consumption reduces total and LDL cholesterol in mildly hypercholesterolemic adults. J Nutr. 2003;133(10):3298S-3302S.

Paul, D., Jacobs, K.A., Geor, R. and Hinchcliff, K. No effect of pre-exercise meal on substrate metabolism and time trial performance during intense endurance exercise. Int J Sport Nutr Exerc Metab. 2003;13(4):489-503.

Paul, D.R., Mulroy, S.M., Horner, J.A., Jacobs, K.A., and Lamb, D.R. Carbohydrate-loading during the follicular phase of the menstrual cycle: effects on muscle glycogen and exercise performance. Int J Sport Nutr Exerc Metab. 2001;11(4):430-41.

MANUSCRIPTS IN PREPARATION

Paul D.R., Kramer M., and Rumpler, W.V. Independent effects of short- or long-term diet composition on 23-hr energy expenditure and macronutrient oxidation.

Baer, D.J., Stote, K.S., Henderson, T., **Paul, D.R.,** Mai, V., Okuma, K., Tagami, H., Kanahori, S., Gordon, D.T., and Rumpler, W.V. Energy value of resistant maltodextrin and macronutrient digestibility of diets fed to humans.

Stote, K.S., **Paul, D.R.**, Harris, G.K., Rumpler, W.V., Clevidence, B.A., and Baer D.J. Whey protein suppresses plasma ghrelin concentrations in overweight and obese adults .

Rumpler, W.V., Stote, K.S., **Paul, D.R.**, Clevidence, B.A., and Baer, D.J. Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on substrate oxidation and energy expenditure.

Paul D.R., Kramer M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Physical activity measured by accelerometry predicts body composition in free-living adults.

Harris, G.K., Stote, K.S., Clevidence, B.A., **Paul, D.R.**, Kramer, M., and Baer, D.J. BodPod approximates corrected DEXA values more closely than BIA in overweight and obese adults.

Paul, D.R., Kramer, M., Rumpler, W.V., Stote, K.S., Clevidence, B.A., Harris, G.K., and Baer, D.J. Variability in the physical activity of free-living adults.

Courville, A., Stote, K.S., Rumpler, W.V., **Paul, D.R.**, Leger, A., Novotny, J., and Baer, D.J. Effect of protein sources on glucose and insulin response.

Stote, K.S., Courville, A., Harris, G.K., **Paul, D.R.**, Rumpler, W.V., Clevidence, B.A., and Baer, D.J. Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on glucoregulatory control in overweight and obese men.

PUBLISHED ABSTRACTS and PRESENTATIONS

Croschere, T., **Paul, D.**, Seegmiller, J. Incidence and severity of musculoskeletal injuries in rural overweight and obese pediatric patients. Idaho INBRE Conference, Moscow, ID, August 2012.

Paul, D.R., Kramer, M., Rumpler, W.V., Stote, K.S., Clevidence, B.A., Harris, G.K., and Baer, D.J. Determinants of variance in habitual total and moderate-to-vigorous physical activity in overweight adults. American College of Sports Medicine Conference, San Francisco, CA, May 2012.

Scruggs, P.W., Goc Karp, G., Brown, H., **Paul, D.**, Vella, C.A., Davis, C. Physical Education Physical Activity: Policy and Assessment. NASPE Conference on Physical Education Teacher Education, Las Vegas, NV, October, 2012.

Scruggs, P.W., Goc Karp, G., **Paul, D.**, Vella, C.A, Davis, C., Boise State University, Lewis Clark State College, Idaho State University. Statewide Surveillance of Physical Education Quality and Quantity in Idaho. Annual meeting for Idaho Association for Health, Physical Education, Recreation, & Dance in Pocatello, ID., October, 2011.

Alkurdi, W., **Paul, D.R.,** and Dolny, D. The oxygen consumption (VO_2)-heart rate (HR) relationship of walking on land versus shallow water at various depths. American College of Sports Medicine Conference, Denver, CO, May 2011.

Alkurdi, W., **Paul, D.R.,** and Dolny, D. The oxygen consumption (VO_2)-heart rate (HR) relationship of walking on land versus shallow water at various depths. Northwest American College of Sports Medicine Conference, Eugene, OR, April 2011.

Goc Karp, G., Scruggs, P.W., **Paul, D. R.**, Brown, H. B., Shimon, J., Robinson, C., Ransdell, L. B., Lester, M., Gibson, T.A., and Fitzpatrick, J. Idaho Physical Education Quality & Quantity Surveillance for Program and Policy Change. American Alliance for Health, Physical Education, Recreation, and Dance Conference, San Diego, CA, March 2011.

Paul, D.R., Scruggs, P.W., Goc Karp, G., Ransdell, L.B., Robinson, C., Lester, M., Brown, H.B., Gibson, T.A., Shimon, J., Johnson, T. , Jones-Petranek , L., Fitzpatrick, J., Browder, K., and Sahin, Z. Body mass index prevalence estimates of a statewide monitoring initiative in Idaho. American Public Health Association Conference, Denver, CO, November 2010.

Shawley, J., Roach, K., Steinbis, A., Van Mullem, H., Faure, C., DeMers, R., Goc Karp, G., Scruggs, P.W., and **Paul, D.R.** "Moving PE Forward in Idaho, Using State Data to Drive Policy and Program Planning". Idaho Association of Health, Physical Education, Recreation, and Dance Conference, Boise, ID, October 2010.

Loch, K., Seegmiller, J.G., Shoebridge, N., Hansen, B., Scruggs, P.W., **Paul, D.R.**, Seegmiller, J.A. Diet Recall and Biomechanical Bone Markers Among 7-12 Year Old. Poster presented at the 9th Annual Idaho INBRE IDeA Network of Biomedical Research Excellence Research Conference, Poster presentation and abstract, Moscow, ID, August 2010

Paul, D.R. and Scruggs, P.W. Comparison of evaluation methods in physical activity. First International Congress on Children and Sports, Near East University, Nicosia, N. Cyprus. April 2010.

Seegmiller, J., Shoebridge, N., Hansen, B., Scruggs, P., **Paul, D**., and Seegmiller, J. Pre and Post Intervention Measures of Bone Strength Among 7-12 Year Old Girls. American College of Sports Medicine Conference, Baltimore, MD, May 2010.

Alkurdi, W., **Paul, D.R.**, Sadowski, K., and Dolny, D. Effect of water depth on energy expenditure and perception of effort while walking in females. American College of Sports Medicine Conference, Baltimore, MD, May 2010.

Alkurdi, W., **Paul, D.R.**, Sadowski, K., and Dolny, D. Effect of water depth on energy expenditure and perception of effort while walking in females. American College of Sports Medicine Conference, Portland, OR, March 2010.

Paul D.R., Kramer M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Physical activity measured by accelerometer predicts body composition in free-living adults. American Public Health Association Conference, Philadelphia, PA, November 2009.

Measurement teams from the University of Idaho (Goc Karp, G., **Paul, D.R.,** Scruggs, P.W., Brown, H., and Browder, K.D.), Boise State University, Lewis and Clark State College, and Idaho State University. Physical education and weight status in Idaho. Idaho Association of Health, Physical Education, Recreation and Dance Conference, Moscow, ID, October 2009.

Paul, D.R., Goc Karp, G., and Brown, H.B. Healthy kids, healthy communities. Communities and Schools Getting Better Together: A Workshop on Rural Education. Worley, ID, May 2009.

Baer, D.J., Mai, V., Okuma, K, Tagami, H, Kanahori, S., Henderson, T., Stote, K.S., **Paul, D.R.**, Gordon, D.T., and Rumpler, W.V. Metabolizable energy value of resistant maltodextrin. Federation of American Societies for Experimental Biology Conference, New Orleans, LA, April 2009.

Courville, A., Stote, K.S., Rumpler, W.V., **Paul, D.R.**, Leger, A., Novotny, J., and Baer, D.J. Effect of protein sources on glucose and insulin response. Federation of American Societies for Experimental Biology Conference, New Orleans, LA, April 2009.

Stote, K.S., Courville, A., Harris, G.K., **Paul, D.R.**, Rumpler, W.V., Clevidence, B.A., and Baer, D.J. Effect of oolong tea, oolong tea polyphenols and oolong tea catechins on glucoregulatory control in overweight and obese men. Federation of American Societies for Experimental Biology Conference, New Orleans, LA, April 2009.

Hollenhorst, S., Drown, S., Laumatia, L., Pinel, S., and **Paul, D.R**. The Building Sustainable Communities Initiative: A New University and Community Partnership. Idaho Sustainability Summit, Boise, ID, November 2008.

Cooper, K.H, Olsen, L.K., **Paul, D.R.**, and Jaworski, R. Inactivity and Obesity -a National Epidemic in Adults and Children. American Public Health Association Meeting, San Diego, CA, October 2008.

Dolny, D.D., **Paul, D.R.,** Alkurdi, W., and Sadowski, K. Comparison of Land Versus Water Walking on Acute Metabolic, Cardiovascular, Affective Domain and Physical Activity Patterns in Overweight Versus Normal Weight Adults. World Aquatic Health Conference, Colorado Springs, CO, October 2008.

Paul, D.R., Rhodes, D.G., and Rumpler, W.V. Interactions between chronic and acute macronutrient composition on 24-hr substrate oxidation. Federation of American Societies for Experimental Biology Conference. Washington, DC, April 2007.

Rumpler, W.V., Kramer, M., Rhodes, D.G., Moshfegh, A.J., and **Paul, D.R.** Decomposition of reporting error based on measured food intake. Federation of American Societies for Experimental Biology Conference. Washington, DC, April 2007.

Harris, G.K., Stote, K.S., Clevidence, B.A., **Paul, D.R.**, Kramer, M., and Baer, D.J. BodPod approximates corrected DEXA values more closely than BIA in overweight and obese adults. Federation of American Societies for Experimental Biology Conference. Washington, DC, April 2007.

Stote, K.S., Clevidence, B.A., Harris, G.K., **Paul, D.R.**, Rumpler, W.V., and Baer, D.J. Whey protein suppresses plasma ghrelin concentrations in overweight and obese men and women. NAASO, The Obesity Society 2006 Annual Scientific Meeting, Boston, MA October 2006.

Paul, D.R., Kramer, M., Rumpler, W.V., Stote, K.S., Clevidence, B.A., Harris, G.K., and Baer, D.J. Variability in the physical activity of free-living adults. Federation of American Societies for Experimental Biology Conference. San Francisco, CA, April 2006.

Baer, D.J., Stote, K.S., Clevidence, B.A., Harris, G.K., **Paul, D.R.**, and Rumpler, W.V. Whey protein decreases body weight and fat in supplemented overweight and obese adults. Federation of American Societies for Experimental Biology Conference. San Francisco, CA, April 2006.

Paul, D.R., Kramer, M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Improving acceptability criteria for epidemiological physical activity monitor data. Federation of American Societies for Experimental Biology Conference. San Diego, CA, April 2005.

Paul, D.R., Kramer, M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Comparison of two different physical activity monitors. Federation of American Societies for Experimental Biology Conference. San Diego, CA, April 2005.

Paul, D.R., Kramer, M., Moshfegh, A.J., Baer, D.J., and Rumpler, W.V. Improving acceptability criteria for epidemiological physical activity monitor data. "Objective Monitoring of Physical Activity: Closing gaps in the science of accelerometry". Chapel Hill, NC, December 2004.

Paul, D.R., Kramer, M., Rhodes, D.G., and Rumpler, W.V. Macronutrient intake has no effect on preprandial ghrelin: energy intake is influenced by the interaction between ghrelin and energy expenditure. Federation of American Societies for Experimental Biology Conference. Washington, DC, April 2004.

Rumpler, W.V, Rhodes, D.G., and **Paul, D.R.** Voluntary food intake and substrate balance in man. Federation of American Societies for Experimental Biology Conference. San Diego, CA, April 2003.

Moshfegh, A.J., Baer, D.J., Cleveland, L.E., Rhodes, D.G., Sebastian, R.S., Staples, R.C., Kuczynski, K.J., **Paul, D.R.**, Clemens, J.C., Rumpler, W.V., and Judd, J.T. Validation of reported energy intakes in 24-hour dietary recalls using USDA automated multi-pass method. Federation of American Societies for Experimental Biology Conference. San Diego, CA, April 2003.

Paul, D.R., Mulroy, S.M., Horner, J.A., Jacobs, K.A., and Lamb, D.R. Can women benefit from carbohydrate-loading diets?, American College of Sports Medicine Conference. Seattle, WA, May 1999.

Paul, D.R., Mulroy, S.M., Horner, J.A., Jacobs, K.A., and Lamb, D.R. Can women benefit from carbohydrate-loading diets? Limits of Human Performance: An Intensive Course. Olympia, Greece, May 1997.

Paul, D.R., J. Blevins, T. Edwards, D. Schott, and C.E. Broeder. Does resistance training intensity affect post-exercise thermogenic responses? Southeast American College of Sports Medicine Conference. Chattanooga, TN, March 1995.

GRANTS IN REVIEW

Vella, C.A. (PI). Effects of exercise intensity on inflammation and CVD risk in young women. National Institutes of Health. In review, October 2011.

Brown, H, Goc Karp, G, Scruggs, P, **Paul, D,** Vella, C, Son, J, Houge Mackenzie, S., Browder, K. HEAL- Healthy Eating and Active Living, Blue Cross of Idaho, Foundation for Health, Inc. December 2011.

GRANTS FUNDED

Vella, C.A. (PI) and **Paul, D.R.** "Physical inactivity, inflammation, and metabolic syndrome risk factors in young women". University of Idaho Seed Grant. 2011.

Scruggs, P. W. (PI). "Statewide Surveillance of Physical Education Quantity and Quality in Idaho". Idaho State Department of Education. 2011.

Page, S.L. (PI). “Improving the health and educational outcomes of young people”. Centers for Disease Control and Prevention. 2008.

Goc Karp, G. (PI). “Statewide Assessment of BMI and Physical Activity Policy, Curricula and Behavior in Idaho K-12 Schools”, Idaho Association of Health, Physical Education, Recreation, and Dance. 2009.

Seegmiller, J.G. (PI). “Pre and Post Intervention Measures of Bone Strength Among 7-12 Year Old Girls”. University of Washington Institute of Translational Health Sciences. 2008.

Pinel, S.L. (PI). “Greening of the curriculum”. University of Idaho Sustainable Idaho Initiative. 2008.

Paul, D.R. (PI). “Mapping Obesity: Utilizing GIS to distinguish environmental factors contributing to obesity in school-aged children”, Northwest Academic Computing Consortium. 2008.

Baer, D.J. (PI). “Energy value of resistant maltodextrin”, Matsutani Chemical Co. Ltd. 2007.

Baer, D.J. (PI)."Effect of why protein on body weight, body fat and health indices". US Whey Protein Research Consortium. 2005.

Baer, D.J. (PI). "Meal frequency and health indicators". National Institutes on Aging. 2005.

Moshfegh, A.J. (PI). "Repeatability of energy expenditure study using doubly-labeled water". US Department of Agriculture. 2004.

Moshfegh, A.J. (PI). “USDA Automated Multiple Pass 24-Hour Dietary Recall validation study”. US Department of Agriculture. 2002.

Judd, J.T. (PI). “Dietary antioxidants in black tea and effects on plasma oxidized LDL, lipid peroxides and markers of i*n vivo o*xidative status and inflammation”. Lipton Tea. 2003.

Rumpler, W.V. (PI)."The impact of the covert manipulation of macronutrient intake on the variability in daily food intake in non-obese men.". US Department of Agriculture. 2001.

Paul, D.R. (PI). "Carbohydrate oxidation during high-intensity exercise after a fat-rich meal”, The Ohio State University Graduate School Research Award. 1999.

Paul, D.R. (PI). “Carbohydrate oxidation during high-intensity exercise after a fat-rich meal”. Gatorade Sports Science Institute. 1998.

Lamb, D.R. (PI). “Glutamine supplementation: effects on metabolism, gut permeability, and exercise performance”. Gatorade Sports Science Institute. 1996.

GRANTS NOT FUNDED

Hendrickx, M. (PI): Coeur d’Alene Tribe Public Prevention Health Fund: Community Transformation Grant. DP1103PPHF11. 2011. (Recommended for funding, but not funded).

Scruggs, P. W. (PI). Creating Healthy Interventions for Lifelong Learning Afterschool. National Institute of Food and Agriculture – Agriculture and Food Research Initiative 10.310. 2011.

Paul, D.R. (PI). "Streams of stakeholders creating a confluence to support a healthy community". Robert Wood Johnson Foundation. 2011.

Scruggs, P. W. (PI) and **Paul, D.R.** "Quantifying Physical Activity in Physical Education". National Institutes of Health. 2010.

McKibben, S. (PI). "Sustainable Communities. Office of Sustainable Housing and Communities". United States Department of Housing and Urban Development. 2010.

Scruggs, P. W. (PI). "Statewide Prevalence and Correlates of Physical Education Physical Activity in Idaho". National Institutes of Health. 2010.

Scruggs, P. W. (PI). "Statewide Prevalence and Correlates of Physical Education Physical Activity in Idaho". Robert Wood Johnson Foundation Active Living Grants Round 10. 2010.

Paul, D.R. (PI). "Streams of stakeholders creating a confluence to support a healthy community". National Institutes of Health. 2009.

Dickin, D.C. (PI). "Facilitating engagement in physical activity of older adults through improved balance and mobility". National Institutes of Health. 2009.

Seegmiller, J.G. (PI). "Pre and Postintervention Measures of Bone Strength Among 7-13 Year-Old Girls: Interventions and a prediction model to prevent future fragility fracture". National Institutes of Health Challenge Grant. 2009.

Pinel, S.L. (PI). "Institute for Sustainable Communities and Bioregional Planning: An Interdisciplinary Institute for Graduate Study, Applied Research, Community Outreach, and Revenue Enhancement to institutionalize the 2006-2011 Building Sustainable Communities Strategic Initiative". University of Idaho Request For Innovation. 2009.

Seegmiller, J.G. (PI). "Bone and landing profile of children with various BMI". University of Idaho seed grant. 2008.

Seegmiller, J.G. (PI). "Bone and landing profile of children with various BMI". American College of Sports Medicine. 2008.

Resnick, H.R. (PI). "REACH: Research on Arrived East African Acculturation and Health Study". National Institutes of Health. 2005 and 2006.

Rumpler, W.V. (PI)."Validation of 24H recall via direct measurement of food intake", National Institutes of Health. 2003, 2004, and 2005.

Rumpler, W.V. (PI). "Role of exercise in weight loss during ad libitum diets". National Institutes of Health. 2002, 2003, and 2004.

Rumpler, W.V. (PI). "Interaction between diet and exercise interventions in overweight military and civilians" US Army Medical Research and Materiel Command (USAMRMC). 2004.

Paul, D.R. (PI). "Carbohydrate oxidation during high-intensity exercise after a fat-rich meal". US Olympic Committee. 1998.

Paul, D.R. (PI). "Carbohydrate and lipid kinetics during the menstrual cycle". American College of Sports Medicine Research Award. 1998.

TECHNICAL REPORTS

Measurement teams from the University of Idaho (**Paul, D.R.,** Brown, H., Scruggs, P.W., Browder, K.D., and Goc Karp, G.), Boise State University, Lewis and Clark State College, and Idaho State University. Idaho schools Body Mass Index (BMI) assessment. Report to the Centers For Disease Control and Prevention, October 2009 (preliminary report) and January 2011 (final report).

Measurement teams from the University of Idaho (Scruggs, P.W., Brown, H., **Paul, D.R.,** Browder, K.D., and Goc Karp, G.), Boise State University, Lewis and Clark State College, and Idaho State University. Assessing quality and quantity of Physical Education and activity in Idaho. Report to the Centers For Disease Control and Prevention, October 2009.

TEXTBOOK CHAPTERS

Jacobs, K.A., **Paul, D.R.**, and Sherman, W.M. Fat Metabolism. In: *Exercise and Sport Science*. William E. Garrett, Jr. and Donald T. Kirkendall (eds.). Lippincott, Williams and Wilkins. 2000: Pp9-18.

SERVICE TO ACADEMIC AND GOVERNMENTAL ORGANIZATIONS

Committee Member, Research Council (includes College of Education Graduate Research Policy Committee (GRPC) and College Curriculum Committee (CCC)). 2010-present.

College of Education "Innovation and Creative Activity" Grant Review Committee, 2010.

Committee Member, Dean's Advisory Committee. 2008-2010.

Committee Member, Curriculum Development Committee, Masters Degree in Bioregional Planning and Community Design. 2008-9.

Committee Member, Graduate Student Handbook Committee, Masters Degree in Bioregional Planning and Community Design. 2008-9.

Executive Panel Member, University of Idaho Building Sustainable Communities Initiative, and Bioregional Planning Masters Degree Program. 2007-present.

Collaborator, Food Intake and Energy Regulation Laboratory, Beltsville Human Nutrition Research Center, US Department of Agriculture. 2008-present.

SERVICE TO PROFESSIONAL ORGANIZATIONS

Member, American Public Health Association, 2007-present.

- Member of Physical Activity Special Primary Interest Group Leadership Team, American Public Health Association, 2007-present.
- Member of Program Planning Committee, American Public Health Association Physical Activity Special Primary Interest Group, 2007-present.
- Physical Activity Special Primary Interest Group program planning chair for the 2011 National American Public Health Association conference in Washington D.C.

Member, American College of Sports Medicine. 1997-present.

Editorial Board Member, ISRN Physiology. 2012.

Guest reviewer, Medicine and Science in Sports and Exercise, 2012.

Guest reviewer, BMC Family Practice, 2012.

Guest reviewer, Clinical Nutrition, August and November 2010.

Guest reviewer, American Journal of Clinical Nutrition, 2008.

Grant reviewer (internal grant proposal), National Institutes of Health, 2007.

Guest reviewer, Journal of Negative Results in Biomedicine, 2007.

Guest reviewer, International Journal of Sports Medicine, 1996, 1998, 2002, and 2006.

Guest reviewer, Journal of Cereal Chemistry, 2004.

Textbook Review, Allyn and Bacon Publishers, 1998.

TEACHING EXPERIENCE

University of Idaho, Moscow, ID.

Measurement and Evaluation (undergraduate)
Design and Analysis of Research in Health, Physical Education, Recreation, and Dance (undergraduate)
Physiology of Exercise (undergraduate and graduate)
Intermediate Quantitative Analysis in Education (graduate)

Health and Community Development (graduate)
Exercise Testing and Prescription (undergraduate)

University of Texas at El Paso, El Paso, TX
Exercise Physiology (undergraduate and graduate),
Coronary Intervention Programs
Statistics and Measurement
Anatomical Kinesiology

The Ohio State University, Columbus, OH
Diet and Exercise, Swim Conditioning, Kinesiology, Exercise Physiology and Sport Performance, Applied Exercise Physiology I and II

East Tennessee State University, Johnson City, TN
Weight Training, General Conditioning, Volleyball, Golf, Racquetball

HONORS

Selected to participate in the Built Environment Assessment Training (BEAT) Institute, Seattle WA, June 2011.

Nominated for the University of Idaho College of Education Teaching Excellence Award, 2011.

Collaborating faculty member of the Bioregional Planning and University of Idaho Horizons application "Better Together: The University of Idaho and Coeur d'Alene Reservation Communities". Western Regional winner of the C. Peter Magrath/ W.K. Kellogg Foundation Engagement Award, 2010.

Team from UI (Goc Karp, Scruggs, Brown, Paul) met with state legislators at the Idaho State Capital in Boise for the January 2010 Legislative Day. The results of our research were presented by Secretary Luna and First Lady Otter.

Nominated for the University of Idaho Hoffman Award for Teaching Excellence, December 2010.

Outstanding performance evaluation, USDA. 2000 and 2001.

Second place presentation at "The E. F. Hayes Graduate Research Forum", The Ohio State University. 1999.

Selected by The American College of Sports Medicine to present at "Limits of Human Performance: An Intensive Course", Ancient Olympia, Greece. 1997.

Five-time honor roll selection and three-time Big Ten Conference All-Academic Team (Track and Field, Cross Country), Purdue University. 1988-1993.