
EDUCATION

- 2011-2014 **CANCER BIOLOGY POSTDOCTORAL FELLOWSHIP**
University of Hawai'i Cancer Center, Cancer Biology
Project: Examined the role of sphingolipids, sphingosine kinase-1, ceramide and sphingosine in promoting colon carcinogenesis and invasion in head and neck squamous cell carcinoma.
PI: Toshihiko Kawamori, M.D., Ph.D.
- 2007- 2009 **ENDOCRINOLOGY POSTDOCTORAL FELLOWSHIP**
University of California, Los Angeles, Pediatric Endocrinology
Project: The effect of Insulin Growth Factor Binding Protein-3 and obesity on metabolism and inflammatory markers. PI: Kuk-Wha Lee, M.D., Ph.D.
- 2004-2007 **DOCTOR OF PHILOSOPHY** in Health, PE and Recreation (GPA 4.19)
UNIVERSITY OF NEW MEXICO, Albuquerque
Dissertation: The effect of heat acclimation on heat shock protein 72 and interleukin-10 in humans.
Advisors: Suzanne Schneider Ph.D., Robert Robergs Ph.D., Pope Moseley M.D., Ph.D.
- 2000-2003 **MASTER OF SCIENCE** in Exercise Physiology (GPA 4.0)
UNIVERSITY OF NEVADA, Las Vegas
Thesis: Physiological and thermoregulatory responses of female fire fighters to repeated work bouts.
Advisor: Lawrence Golding, Ph.D., FACSM
- 1997-2000 **BACHELOR OF SCIENCE** in Kinesiology (Biomechanics) / minor in coaching (GPA 3.9)
UNIVERSITY OF NORTHERN COLORADO, Greeley, Colorado
- 1997 **HIGH SCHOOL DIPLOMA**, Valedictorian (GPA 4.17)
ST. ANDREW'S PRIORY SCHOOL, Honolulu, Hawai'i

EMPLOYMENT

- 2017-present **ASSISTANT PROFESSOR IN KINESIOLOGY**
University of Hawai'i at Mānoa
Courses: Structural Kinesiology, Exercise Physiology Lecture and Lab, Practicum in Health and Science
- 2009-present **MANUSCRIPT EDITOR**
Jampost Biomedical Communications & EMAREYE Medical Editing
Edit medical and scientific manuscripts written by physicians and researchers.
- 2014-2017 **RESEARCH STATISTICIAN III**
State of Hawaii, Department of Health, Emergency Medical Services
Manage Hawaii EMS information systems database; utilize data analytics and ArcGIS to improve EMS operational efficiency, perform quality assurance, provide data for legislative inquiries, and advise specialized program operations, i.e., community paramedicine, stroke coalition.
- 2009- 2011 **CANCER RESEARCHER**
University of Hawaii Cancer Center, Prevention & Control, Honolulu, Hawaii
Project: Gestational diabetes in moms. PI: Cheryl Albright, Ph.D.
Liaised the University of Hawaii Cancer Center and Kaiser Permanente (Oakland, CA), provided consultation, support and training for health educators who implemented telephone counseling to educate and motivate pregnant women with gestational diabetes to improve diet and increase physical activity. Employed motivational interviewing in a randomized trial encouraging physical activity in new mothers on Oahu; managed Microsoft Access database.

- 2005-2006 **TEACHER'S ASSISTANT (DESIGNS FOR FITNESS AND EXERCISE PHYSIOLOGY)**
University of New Mexico, Exercise Physiology Laboratory, Albuquerque
 Presented laboratory material to undergraduate students, provided hands-on learning techniques for measuring body composition and fitness, tutored students.
- 2005-2006 **PHYSIOLOGY PROJECT ASSISTANT**
University of New Mexico, Exercise Physiology Laboratory, Albuquerque
Project: The effect of palm cooling with negative pressure on heat balance during exercise in a hot, dry environment. Advisor: Suzanne Schneider, Ph.D.
 Submitted the experimental protocol to the Institutional Review Board, obtained funding, performed literature searches, collected data and published in peer-reviewed journals.
- 2003- 2004 **ANATOMY & PHYSIOLOGY LAB INSTRUCTOR (BIO 223)**
College of Southern Nevada, Las Vegas
 Taught a course geared toward nursing, paramedic, physical therapy and dental hygiene students. Topics included endocrine, cardiovascular, urinary, digestive, skeletal, muscular, nervous, lymphatic, respiratory and reproductive systems; the aging process, diseases, and effects of genetics, diet, lifestyle, environment on health.
- 2004 **FITNESS EVALUATOR**
University of New Mexico, Exercise Physiology Laboratory, Albuquerque
 Utilized YMCA fitness test battery to measure cardiorespiratory fitness, body composition, flexibility, muscular strength and endurance, height, weight and blood pressure.
- 2002-2003 **KINESIOLOGY LECTURER (PHYSICAL ACTIVITY AND HEALTH, KIN 175)**
University of Nevada, Las Vegas
 Developed course curriculum which provided an introduction to exercise physiology. Topics included muscle metabolism, respiratory/cardiovascular systems, nutrition, caloric value, measurements of physiological function, biochemistry, community health, and practical assessment of fitness and body composition.
- 2000-2001 **CANCER EXERCISE SPECIALIST**
Rocky Mountain Cancer Rehabilitation Institute, Greeley, CO
 Exercise programming/instruction, data collection for a study evaluating the effect of exercise on the quality of life of cancer survivors. Advisor: Carol Schneider, Ph.D.
- 2001-2002 **EXERCISE PHYSIOLOGY GRADUATE & RESEARCH ASSISTANT (EXERCISE PHYSIOLOGY AND BODY COMPOSITION)**
University of Nevada, Las Vegas
 Organized laboratory material for exercise physiology classes and labs; provided study sessions and tutoring.
- 2001-2002 **EKG SPECIALIST**
Las Vegas Fire and Rescue Department
 Administrated 12-lead EKGs, measured blood pressure, metabolic measurements, data entry.
 Medical Director: Steven Karsch, M.D.

PUBLISHED PEER-REVIEWED MANUSCRIPTS

1. Shimizu YS, Furuya H, **Tamashiro PM**, Kawamori T, et al. Genetic deletion of Sphingosine Kinase 1 suppresses mouse breast tumor development in a HER2 transgenic model. *Carcinogenesis* 2018; 39(1): 47-55.
2. Furuya H, **Tamashiro PM***, Shimizu YS, Iino K, Bielawsk J, Kawamori T. Sphingosine Kinase 1 expression in peritoneal macrophages is required for colon carcinogenesis. *Carcinogenesis* 2017; 38(12): 1218-1227.

3. Furuya H, Shimizu YS, **Tamashiro PM**, Iino K, Bielawski J, Chan O, Pagano I, Kawamori T. Sphingosine Kinase 1 expression enhances colon tumor growth. *J of Translational Research* 2017; 15(120): 1-8.
 4. **Tamashiro PM**, Furuya H, Shimizu Y, Kawamori T. Sphingosine kinase-1 mediates head and neck squamous cell carcinoma invasion through sphingosine 1-phosphate receptor 1. *Cancer Cell International* 2014, 14(76), 1-9.
 5. **Tamashiro PM**, Furuya H, Shimizu Y, Iino K, Kawamori T. The impact of sphingosine kinase-1 in head and neck cancer. *Biomolecules* 2013, 3(3), 481-513.
 6. Furuya H, Wada M, Shimizu Y, **Yamada PM**, Hannun YA, Obeid LM, Kawamori T. Effect of sphingosine kinase 1 inhibition on blood pressure. *FASEB J.* 2013 Feb;27(2):656-64.
 7. Albright CL, Steffen AD, Novotny R, Nigg CR, Wilkens LR, Saiki K, **Yamada P**, Hedemark B, Maddock JE, Dunn AL, Brown WJ. (2012). Baseline results from Hawaii's Nā Mikimiki Project: a physical activity intervention tailored to multiethnic postpartum women. *Women Health.* 2012;52(3):265-91.
 8. Amorim F, **Yamada P**, Robergs R, Schneider S. (2011). Effects of whole-body heat acclimation on cell injury and cytokine responses in peripheral mononuclear cells. *European J Appl Physiol.* 111(8):1609-1618.
 9. **Yamada PM**, Mehta HH, Hwang D, Hevener AL, Cohen P, Lee KW. (2010). Evidence of a role for Insulin-like Growth Factor Binding Protein (IGFBP)-3 in metabolic regulation. *Endocrinology*, 151(12): 5741-50.
 10. Amorim FT, **Yamada PM**, Robergs RA, Schneider SM. (2010). Palm cooling does not reduce heat strain during exercise in a hot, dry environment. *Appl Physiol Nutr Metab.* 35(4): 480-489.
 11. **Yamada PM**, Lee KW. (2009). Perspectives in Mammalian IGFBP-3 Biology: Local vs. Systemic Action, a review. *Am J Physiol Cell Physiol.* 296(5):C954-76.
 12. Vella, CA, Robergs RA, **Yamada PM**. (2008). Fitness, Body Size, Ventilation and the Oxygen Cost of Breathing in Adults. *JEPonline* 11(6), 67-76.
 13. Amorim FT, **Yamada PM**, Moseley P, Schneider S. (2008). The effect of the rate of heat storage on serum heat shock protein in humans. *European J Appl Physiol.* 104(6):965-72.
 14. **Yamada P**, Amorim F, Moseley P, Schneider S. (Aug 2008). A Review: Hsp 72 response to exercise in humans. *Sports Medicine* 38(9).
 15. **Yamada PM**, Amorim FT, Moseley PL, Robergs RA, Schneider SM. (2007). Effect of Heat Acclimation on Heat Shock Protein 72 and Interleukin-10 in Humans. *J Appl Physiol*, 103(4), 1196-1204.
 16. **Yamada, PM**, Golding, LA. (2004). Physiological responses of female fire fighters to repeated work bouts. *American Medical and Athletic Association*, 17(1), p. 5-7.
- * Denotes co-first authorship

AD HOC REVIEWER FOR SCIENTIFIC MANUSCRIPTS

Invited reviewer for *International Journal of Sports Medicine*; *Carcinogenesis*

RESEARCH SUPPORT

- 2017 **HUBERT EVERLY ENDOWED SCHOLAR**
This scholarship funded the development of an internship program with the Rehabilitation Hospital of the Pacific where students provide exercise training to cancer patients. This program benefits the College of Education, its students, cancer patients and the cancer patient community.
- 2008 **GERALD J. AND DOROTHY R. FRIEDMAN FOUNDATION FELLOWSHIP**
Foundation funds highly talented investigators working under the mentorship of prominent scientists in diabetes and human nutrition (University of California, Los Angeles).
- 2006 **UNIVERSITY OF NEW MEXICO**, *Department of Physical Performance & Development*
New Mexico Graduate Scholars Award
- 2006 **AMERICAN PHYSIOLOGICAL SOCIETY** (*Institute of Diabetes and Digestive and Kidney Diseases and Caroline tum Sudan/Frances A. Hellebrand Award*)
Professional Opportunity Award for Meritorious Research
- 2005 **DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)**
Grant awarded to fund independent research which investigated the effectiveness of AVAcore hand cooling device.

- 2005 **UNIVERSITY OF NEW MEXICO**, *Graduate Professional & Student Association*
Funded dissertation research.
- 2005 **UNIVERSITY OF NEW MEXICO**
Travel grant awarded.
- 2002 **BIOMEDICAL SCIENCES GRANT**, *University of Las Vegas*
Funded travel to the Annual ACSM Meeting.
- 2002 **LAS VEGAS FIRE UNION**
Funded thermoregulation research and loaned fire protective gear.
- 2002 **GRADUATE STUDENT ASSOCIATION**, *University of Nevada at Las Vegas*
Funded thermoregulation research.

PROFESSIONAL PRESENTATIONS

- 2008 **GRS AND IGF INTERNATIONAL CONGRESS**, Genova, Italy
Oral Presentation: New Insights into Metabolism from IGF1R knockout mice.
- 2008 **ENDOCRINE SOCIETY'S ANNUAL MEETING**, San Francisco
Poster: Genetic Deletion of Insulin Growth Factor Binding Protein-3 Alters Inflammatory and Metabolic Parameters *in vivo*.
- 2006 **AMERICAN COLLEGE OF SPORTS MEDICINE**, Denver
Poster: WISE-2005: LBNP/Treadmill and Resistive Exercise Countermeasures Maintain Upright Exercise Responses During 60-Days of Bed Rest.
- 2006 **EXPERIMENTAL BIOLOGY**, San Francisco
Poster: Maximal ventilation and body size determine the oxygen cost of ventilation.
- 2003 **AMERICAN COLLEGE OF SPORTS MEDICINE**, San Francisco
Thematic Poster: Determination of the physiological responses of female fire fighters while working in the heat

AWARDS & HONORS

- 2006 *Distinction on Doctoral Comprehensive Exams and Dissertation*
- 2000 *National Dean's List*
- 2000 *Golden Key National Honor Society*
- 1997 *Valedictorian*, St. Andrew's Priory High School, Honolulu, Hawaii
- 1997 *The Honolulu Advertiser All-State Scholar Award*

CERTIFICATIONS

- 2017 Clinical Cancer Exercise Specialist Level 2, Greeley, CO.
- 2016 CDC/ American Youth Soccer Association (AYSO) Concussion in Youth Sport Certification
- 2015-2016 AYSO U6 and U8 Online and Field Coach Courses
- 2015 AYSO Coach Symposium - Area O, Wai'alaie Iki Park, Honolulu, HI.
- 2015 American Safety and Health Institute Adult, Child and Infant CPR/AED Certification.
- 2014 Balanced Body Pilates Certification (Mat 1), Pilates Advantage, Honolulu, HI
- 2004 Phlebotomy and Intravenous Skills, University of New Mexico Hospital, Albuquerque.
- 2004 National Aerobics & Fitness Trainers Association (NAFTA) Primary Group Instructor and NAFTA Power Cycle Certifications, Kirtland Air Force Base, Albuquerque, NM.
- 2002 YMCA Group Exercise Instructor certification, Northwest Leisure Services Center, Las Vegas, NV
- 2002 YMCA Principles of Health and Fitness, Northwest Leisure Services Center, Las Vegas, NV