

Richard C. Beuttler, Psy.D., M.S.

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richardbeuttler@gmail.com

EDUCATION

M.S., Computational Science, Chapman University, 2016

Concentration: Applied Mathematics

Thesis: Comparison of Gait Pattern Progression of Infants Born Full Term and Preterm Using Linear Mixed Effects Models

Thesis Advisors: Cyril Rakovski, Ph.D., Mohamed Allali, Ph.D., Joseph Choi, Ph.D.

Psy.D., Clinical Psychology, Biola University, Rosemead School of Psychology, 1995

Thesis: A review of Diagnostic Methods for Identifying Attention Deficit/Hyperactivity Disorder in Adults

Thesis Advisors: William Worden, Ph.D., William McQueen, Ph.D.

Internship: Hudson River Regional Psychology Internship Program 1993-1994

Internship Supervisor: Paul Margolies, Ph.D.

M.A., Clinical Psychology, Biola University, Rosemead School of Psychology, 1990

B.A., Psychology, Azusa Pacific University, 1988

Top 10% of class, Psychology Honors

Augustana College 1983 – 1986

Concentration: Psychology, Mathematics

EMPLOYMENT

Assistant Director of Academic Enrichment, Chapman University School of Pharmacy, Irvine, CA, 6/2021 – present

Supervisor: Reza Taheri, Pharm.D.

Duties: Provide collaboration and statistical support to the Office of Assessment and Accreditation, Office of Academic Affairs, and faculty to support student enrichment activities as they relate to remediation, assessment, and progression. Lecturer for PHS 750 Biostatistics which is a core course in both the Departments of Biomedical and Pharmaceutical Sciences and the Pharmaceutical Economics and Policy. Assist faculty, and mentor students and other researchers in the design and statistical analysis of clinical, social administrative, and experimental research.

Psychologist, Cognitive Care Solutions, Santa Ana, CA, 2013 - present

President: Allyson Lehrich, LCSW.

Duties: Part-time psychologist for clients adjusting to issues of aging or with mild cognitive impairments. I have maintained a small client caseload allowing attrition to minimize my role with this agency.

Lecturer/Statistician, Chapman University School of Pharmacy, Irvine, CA, 9/2020 – 5/2021

Supervisors: Keykavous Parang, Ph.D./ Reza Mehvar, Ph.D.

Duties: Lecturer for PHS 750 Biostatistics. Assisting faculty, students and other researchers in the design and statistical analysis of clinical, social administrative, and experimental research. Collaborate with administration staff to analyze data for student admission, performance, and progression.

Visiting Research Scientist/Statistician, CHOC Hospital, Orange, CA 2017 - 2021

Description: I have provided statistical support for grant supported research as well as the pharmaceutical residency program. I was a co-investigator in a project to develop a therapeutic device to aid the development of gait and assess its use for children. For this project, I wrote software to extract gait data from motion analysis equipment and statistically analyzed the outcome data.

Statistician, Chapman University School of Pharmacy, Irvine, CA, 4/2019 – 5/2020

Supervisors: Keykavous Parang, Ph.D./ Reza Mehvar, Ph.D.

Duties: Provide statistical consultation to faculty on research design and data analysis. Create databases for faculty use in prospective and retrospective research. Conduct statistical analysis of research data and participate in grant and IRB submissions. Train resident, fellows and graduate students in research design. Actively seek funding opportunities for research.

Adjunct Faculty, Chapman University, Department of Physical Therapy, Irvine CA, 2009 - 2019

Supervisor: Emmanuel John, Ph.D.

Duties: Instructor for Cultural Diversity and Psychology of Health Care and Scientific Inquiry II for doctoral level physical therapy students, as well as computational and statistical support for faculty and student research projects. Cultural Diversity training seeks to investigate disparities and develop plans to improve health care delivery. Psychology of Healthcare prepares physical therapy students to incorporate knowledge about human behavior into the delivery of excellent patient care. Scientific Inquiry II trains students in statistical methods and to be critical consumers of scientific literature related to the practice of healthcare. I have also served as a consultant to Chapman's School of Pharmacy on statistically supported admissions criteria.

Psychologist, MSLA Medical Corporation, Pasadena CA, 2013 - 2017

Duties: Perform disability evaluations for veterans applying for benefits with the VA system. MSLA contracts with the VA for these assessments.

Psychologist, Vericare, San Diego, CA, 2009 - 2015

Supervisor: Rachel McClements, Psy.D.

Duties: Therapeutic services to residents in skilled nursing homes and long-term care facilities. Inservice training of facility employees to educate on behavioral health working with elderly and Institutionalized patients.

Independent Stock Trader, Corona del Mar, CA, 2007 - 2009

Psychologist, Tri-County Human Services Center, Inc. Carbondale PA, 2004-2006

Supervisor: Michael Lynch, M.A.

Responsibilities: Psychological evaluations for clients in behavioral health programs targeting pervasive developmental disorders and disruptive behavior disorders along with supervision of psychology interns.

Psychologist, Private Practice, Scranton, PA, 2004-2006

Focus: Clinical Psychology private practice; therapeutic services to adults, couples and adolescents, evaluations for Lackawanna County Drug Treatment Court and mental health disability evaluations.

Psychologist, Youth Advocate Programs, Inc. Dunmore, PA, 1999 - 2005

Responsibilities: Psychological Evaluations of clients seeking community based mental health services, Forensic Evaluations for juvenile probation clients, supervision of psychology interns and practicum students, consultation with behavioral health staff members.

Adjunct Faculty, University of Scranton, Scranton, PA, 2003

Responsibilities: Instructor for two sections of Fundamentals of Psychology during the fall semester 2003.

Behavioral Specialist Consultant, Friendship House, Scranton, PA, 1999

Supervisor: Denise Jenson

Responsibilities: Assessment and implementation of behavioral treatment strategies with school age children.

Psychological Program Manager, Harnett Correctional Institution, Lillington, NC 1997 – 1998

Clinical Supervisor: Keith Noles, Ph.D.

Administrative Supervisor: Joseph Hall

Responsibilities: Clinical and administrative supervisor of multiple programs within a state prison setting; these programs included an outpatient mental health department, the state's residential sex offender program, and services to inmates with developmental disabilities.

Staff Psychologist II, Harnett Correctional Institution, Lillington, NC 1995 - 1997

Supervisor: Carol Newman, Ph.D.

Responsibilities: Individual and group psychotherapy, crisis intervention, and psychological assessment with an inmate population, along with the supervision of interns and practicum students.

Psychological Assistant, Psychological Healthcare, Lakewood, CA, 1991 - 1993

Supervisor: Robert F. Myers, Ph.D.

Responsibilities: Intakes, psychological assessment, individual, group, family, and couples psychotherapy with adults, adolescents, and children.

LICENSURE and CERTIFICATION

January, 2017	Cognitive Behavioral Therapy Certificate Course: 3-Day Intensive Training: PESI, Speakers Jeffery Riggenschach, PhD, LPC
June 26, 2008	Psychologist, License #PSY22032 California Board of Psychology
August 11, 1999	Psychologist, Certificate # PS-008987-L (Inactive) Commonwealth of Pennsylvania, Department of State Bureau of Professional and Occupational Affairs
August 21, 1996	Licensed Psychologist #2237 (Inactive) The North Carolina Psychology Board
August 21, 1996	Health Services Provider - Psychologist (Inactive) The North Carolina Psychology Board

SCHOLARSHIP

Peer Reviewed Articles:

Munjy L, Besinque K, **Beuttler R**, Taheri R, Won K, Bethishou L. A longitudinal curriculum to teach and assess empathy within the doctor of pharmacy curriculum. *Currents in Pharmacy Teaching and Learning*. 2025; 17 (4). doi.org/10.1016/j.cptl.2024.102279

Rao H, **Beuttler R**, Dintzner M, Taheri R, Bach AT, Fakourfar N. Impact of a feedback strategy in a series of communication-focused patient care simulations. *J Am Coll Clin Pharm*. 2024; 1-7. doi:10.1002/jac5.1959

Yamaki J, Mikhail M, **Beuttler R**, Robinson P, Yücel E, Watanabe AH. Characterizing Antibiotic Regimen Modification Behavior, Patient Characteristics, and Outcomes for Patients with Gram-Negative Bacterial Infections, A Retrospective Single-Center Study. *Antibiotics*. 2024; 13(4):302. <https://doi.org/10.3390/antibiotics13040302>

Patel A, Chavan R, Rakovski C, **Beuttler R**, Yang S. Changes in real-world dispensing of ADHD stimulants in youth from 2019 to 2021 in California. *Frontiers in Public Health* 2024, 12. <https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2024.1302144>.

Wang Y, Chan A, **Beuttler R**, Fleming M, Schneberk T, Nichol M, Lu H. 2024. Real-World Dispensing of Buprenorphine in California during Prepandemic and Pandemic Periods. *Healthcare* 12, no. 2: 241. <https://doi.org/10.3390/healthcare12020241>.

Mehvar, R.; **Beuttler, R**. Effects of Transition from Closed-Book to Open-Book Assessment on Students' Scores in a Pharmacokinetics Course. *Pharmacy* **2023**, *11*, 134. <https://doi.org/10.3390/pharmacy11050134>

Bach, A, Bethishou, L, **Beuttler, R**, Fakourfar, N, Rao, H. Comparison of Virtual Simulations with Peers versus Actors as Standardized Patients on Virtual OSCE Scores. *American Journal of Pharmaceutical Education*. 2023, ISSN 0002-9459, <https://doi.org/10.1016/j.ajpe.2022.11.004>.

Kimberly J. Won, Laura V. Tsu, Stephanie Saldivar, **Richard Beuttler**, Anne Walsh, The effect of interprofessional simulations on pharmacy and physician assistant students' learning of advanced cardiac life support concepts. *Currents in Pharmacy Teaching and Learning*, 2023, ISSN 1877-1297, <https://doi.org/10.1016/j.cptl.2023.05.002>.

Nguyen T, Cheetham TC, Fawaz S, **Beuttler R**, Xavioer S. Factors Affecting Initiation and Retention of Medication-Assisted Recovery (MAR) within a Pilot Pharmacist-Involved Practice Model at a Federally Qualified Healthcare Center (FQHC) during the COVID-19 Pandemic. *Healthcare*. 2023; 11(10):1393. <https://doi.org/10.3390/healthcare11101393>

Sayer Michael R., Mambetsariev Isa, Lu Kun-Han, Wong Chi Wah, Duche Ashley, **Beuttler Richard**, Fricke Jeremy, Pharoan Rebecca, Arvanitis Leonidas, Eftekhari Zahra, Amini Arya, Koczywas Marianna, Massarelli Erminia, Roosan Moom Rahman, Salgia Ravi. Predicting survival of NSCLC patients treated with immune checkpoint inhibitors: Impact and timing of immune-related adverse events and prior tyrosine kinase inhibitor therapy. *Frontiers in Oncology*. 2023; 13. DOI=[10.3389/fonc.2023.1064169](https://doi.org/10.3389/fonc.2023.1064169)

Kelly, M, Lewis, J, Rao, H, Carter, J, Portillo, I, **Beuttler, R**. Effects of GLP-1 receptor agonists on cardiovascular outcomes in patients with type 2 diabetes and chronic kidney disease: A systematic review and meta-analysis. *Pharmacotherapy*. 2022; 00: 1- 8. DOI: [10.1002/phar.2737](https://doi.org/10.1002/phar.2737)

Susan Conroy, Trish Evans, Dana Butler-Moburg, **Richard Beuttler**, Janelle Robinson, Matt Huebert, Erin O Mahony & Marybeth Grant-Beuttler. Clinical application and feasibility of utilizing the PEDI-CAT to assess activity and participation among children receiving physical therapy incorporating hippotherapy, *Physiotherapy Theory and Practice* 2022, DOI: [10.1080/09593985.2022.2072250](https://doi.org/10.1080/09593985.2022.2072250)

Gregorian, Tania, Kristin Bradley, Scott Campbell, Rachel Mashburn, **Richard Beuttler**, and Michelle S. Keller. "Design, Implementation, and Evaluation of a Pharmacist-Led Outpatient Benzodiazepine Tapering Clinic." *Journal of the American Pharmacists Association* 2022, DOI: <https://doi.org/10.1016/j.japh.2022.09.025>.

Truong W, Robinson P, **Beuttler R**, Yamaki J. A Non-Restrictive Approach to Fluoroquinolone Stewardship at Two Community Hospitals. *Open Forum Infectious Diseases*. Volume 9, Issue 8, August 2022, ofac388, <https://doi.org/10.1093/ofid/ofac388>.

Yang S, Patel P, Corcoran A, Dobberpuhl E, Isidro S, Le D, Klassen A, Rho J, Tran D, **Beuttler R**, Neda Noori Nassr, Katherine Gruenberg, Wong SF; "Gaps in Patient Education on Safe Handling and Disposal of Oral Chemotherapy Drugs: A Pilot Prospective Cohort Survey Study." *Journal of Contemporary Pharmacy Practice* 1 March 2022; 70 (2): 23–33. DOI: <https://doi.org/10.37901/jcphp21-00009>.

Kang A, **Beuttler R**, and Minejima E. "Evaluation of step-down oral antibiotic therapy for uncomplicated streptococcal bloodstream infections on clinical outcomes." *Therapeutic Advances in Infectious Disease*, 9, 2022: 20499361211073248.

Mozaffari, Saghar, David Salehi, Parvin Mahdipoor, **Richard Beuttler**, Rakesh Tiwari, Hamidreza Montazeri Aliabadi, and Keykavous Parang. "Design and application of hybrid cyclic-linear peptide-doxorubicin conjugates as a strategy to overcome doxorubicin resistance and toxicity." *European Journal of Medicinal Chemistry*, 226, 2021: 113836.

Sayer, M., Duche, A., Nguyen, T.J.T., Le, M., Patel, K., Vu, J., Pham, D., Vernick, B., **Beuttler, R.**, Roosan, D. and Roosan, M.R. "Clinical implications of combinatorial pharmacogenomic tests based on cytochrome P450 variant selection." *Frontiers in genetics*, 12, 2021.

Mohieldin, Ashraf M., Rajasekharreddy Pala, **Richard Beuttler**, James J. Moresco, John R. Yates III, and Surya M. Nauli. "Ciliary extracellular vesicles are distinct from the cytosolic extracellular vesicles." *Journal of extracellular vesicles* 10, no. 6, 2021: e12086.

Soangra, Rahul, Michael Shiraishi, **Richard Beuttler**, Michelle Gwerder, LouAnne Boyd, Venkatesan Muthukumar, Mohamed Trabia, Afshin Aminian, and Marybeth Grant-Beuttler. "Foot Contact Dynamics and Fall Risk among Children Diagnosed with Idiopathic Toe Walking." *Applied Sciences* 11, no. 6, 2021: 2862.

Phan, Michael, Rishikesh Chavan, **Richard Beuttler**, Nicole Benipayo, Grace Magedman, David Buchbinder, Daniel Tomaszewski, and Sun Yang. "Evaluating risk factors for acute graft versus host disease in pediatric hematopoietic stem cell transplant patients receiving tacrolimus." *Clinical and Translational Science* 14, no. 4, 2021: 1303-1313.

Quraishi, Ruquaya, Negar Ashouri, **Richard Beuttler**, and Martin T. Tran. "1328. Vancomycin exposure and utilization following implementation of an AUC-guided monitoring guideline in children." In *Open Forum Infectious Diseases*, vol. 7, no. Suppl 1, p. S674. Oxford University Press, 2020.

Gwerder M, Shiraishi M, Hoang C, Songra R, **Beuttler R**, Aminian A, Grant-Beuttler M. Relationship between different methods to measure ankle range of motion in children with idiopathic toe walking. *Gait & Posture*, August 2020, DOI: 10.1016/j.gaitpost.2020.07.098

Shiraishi M, Hoang C, Grant-Beuttler M, **Beuttler R**, Aminian A, Songra R. Kinetics and kinematic differences in idiopathic toe walking children. *Gait & Posture*, August 2020, DOI: 10.1016/j.gaitpost.2020.08.071

Hoang C, Shiraishi M, **Beuttler R**, Grant-Beuttler M, Aminian A, Songra R. Limits of stability in children diagnosed with idiopathic toe walking. *Gait & Posture*, August 2020, DOI: 10.1016/j.gaitpost.2020.07.109

Smith, Jo Armour, Andrew Hawkins, Marybeth Grant-Beuttler, **Richard Beuttler**, and Szu-Ping Lee. "Risk factors associated with low back pain in golfers: a systematic review and meta-analysis." *Sports health* 10, no. 6, 2018: 538-546.

Mehvar, Reza, and **Richard Beuttler**. "Effects of a Multicourse, Composite Examination Method on the Performance of PharmD Students in a Basic Pharmacokinetics Course." *American Journal of Pharmaceutical Education* 82, no. 5, 2018.

Peer Reviewed Presentations:

Kang A Y, Garcia Delgado G A, Nguyen A, **Beuttler R**, Ortega A, Tran D P, Flores E, Tjoeng C, Bishop A, Miller L G. Assessment of Antibiotic Transition Errors from Hospitals to Skilled Nursing Facilities. Poster Presentation at ACCP Global Conference. Phoenix, AZ, October 2024.

Pazhoohesh A, Menzagopian J, Pakbaz S, Tran C, **Beuttler R**, Kawahara B, Lewis J. A Report on Rationing of Insulin and Diabetes Supplies by Type 2 Diabetes Patients from Healthcare System in Orange County. Poster Presentation at CSHP Seminar. Long Beach, CA, October 2023.

Munjy L, Bethishou L, Besinque K, **Beuttler R**, Taheri R, Won K. Results from a Longitudinal Curriculum to Develop Empathy in PharmD Students. AACP Pharmacy Education, Aurora, CO, July 23-24, 2023.

Yang S, Patel A, **Beuttler R**. Pediatric ADHD and management during the COVID-19 pandemic and beyond in California. Selected Speaker. CSHP Seminar 2022, November 9-13, Anaheim, CA.

Rao H, **Beuttler R**, Taheri R, Dintzner M, Bach A, Fakourfar N. Cultivating Emotional Intelligence and Communication Skills Among Pharmacy Students. American College of Clinical Pharmacy (ACCP) Global Conference on Clinical Pharmacy, San Francisco, CA. October 2022.

Beuttler R, Stewart J, Taheri R. Utilization Trends of Supplemental Instruction in a Doctor of Pharmacy Program. 2022 American Association of Colleges of Pharmacy Annual Meeting. July 23 – 27, 2022.

Beuttler R, Stewart J, Taheri R. Impact of Supplemental Instruction on Academic Performance of Students in a Doctor of Pharmacy Program. 2022 American Association of Colleges of Pharmacy Annual Meeting. July 23 – 27, 2022.

Rao H, **Beuttler R**, Fakourfar N. Impact of Pharmacy School Experiences and a Newly Implemented Residency Preparation Bootcamp: A Descriptive Study. Poster presentation at California Society of Health-System Pharmacists (CSHP) Seminar. Anaheim, CA. November 2021.

Brown A, Bethishou L, Taheri R, Nation, RA, **Beuttler R**. Developing leadership and patient advocacy skills utilizing a virtual interprofessional simulation. Poster presented at: Nexus Summit 2021; 2021 September 14 – October 12; Virtual Conference.
Poster winner for Interprofessional Leadership

Dintzner M, Taheri R, Sahli H, **Beuttler R**. Impact of a Post-Graduation NAPLEX-Prep Program on NAPLEX Performance. Poster presented at: 2021 American Association of Colleges of Pharmacy Annual Meeting; 2021 July 19 – 22; Virtual Conference.

Taheri R, Dintzner M, Sahli H, **Beuttler R**. Student Satisfaction with a Structured Post-Graduation NAPLEX Preparation Program. Poster presented at: 2021 American Association of Colleges of Pharmacy Annual Meeting; 2021 July 19 – 22; Virtual Conference.

Dintzner M, Taheri R, Sahli H, **Beuttler R**. Predictors of Participation in a Licensure Preparation Course. Poster presented at: 2021 American Association of Colleges of Pharmacy Annual Meeting; 2021 July 19 – 22; Virtual Conference.

Taheri R, **Beuttler R**. Impact of Supplemental Instruction on Academic Performance of Students in a Course. Poster presented at: 2021 American Association of Colleges of Pharmacy Annual Meeting; 2021 July 19 – 22; Virtual Conference.

Brown A, Bethishou L, Taheri R, Nation, RA, **Beuttler R**. Developing leadership and patient advocacy skills utilizing and interprofessional simulation. Poster presented at: Virtual Pharmacy Education 2021. 2021 American Association of Colleges of Pharmacy Annual Meeting; 2021 July 19 – 22; Virtual Conference.

Gwerder M, Shiraishi M, Hoang C, Soangra R, **Beuttler R**, Aminian A, Grant-Beuttler M. Poster Presentation- "Different Methods to Measure Ankle Range of Motion in Children with Idiopathic Toe Walking" (Pediatric Section of the APTA)
February 2021, Combined Sections Meeting, APTA.

Grant-Beuttler M, Gwerder M, Hoang C, Shiraishi M, **Beuttler R**, Aminian A, Soangra R. Poster Presentation- "Evaluation of Balance in Children Diagnosed with Idiopathic Toe Walking" (Pediatric Section of the APTA)
February 2021, Combined Sections Meeting, APTA.

Won, Kimberly, Laura Tsu, **Richard Beuttler**, Stephanie Saldivar, and Anne Walsh. "The impact of using simulated interprofessional medical scenarios to teach advanced cardiovascular life support concepts to prelicensure pharmacists and physician assistant learners." In *2020 ACCP VIRTUAL Annual Meeting (October 19-30)*. American College of Clinical Pharmacy, 2020.

Hoang C, Shiraishi M, **Beuttler R**, Grant-Beuttler M, Aminian A, Soangra R. Virtual Presentation- "Limits of Stability in Children diagnosed with idiopathic toe walking" September 17th, 2020, The European Society for Movement Analysis in Children Virtual Meeting.

Shiraishi M, Hoang C, Grant-Beuttler M, **Beuttler R**, Aminian A, Soangra R. Virtual Presentation- "Kinetics and kinematic differences in idiopathic toe walking in children" September 17th, 2020, The European Society for Movement Analysis in Children Virtual Meeting.

Gwerder M, Shiraishi M, Hoang C, Soangra R, **Beuttler R**, Aminian A, Grant-Beuttler M. Virtual Presentation- "Relationship between different methods to measure ankle range of motion in children with idiopathic toe walking". September 17th, 2020, The European Society for Movement Analysis in Children Virtual Meeting.
Best Poster Candidate

Beuttler R, Wong S F, Elsaid, K A. "Quality of Undergraduate Education and Its Relationship to the Didactic Performance in a Pharm.D. Program". American College of Clinical Pharmacy Virtual Pharmacy Education 2020. July 13-31, 2020.

Michael Phan., PharmD, Nicole Benipayo., PharmD Candidate 2020, **Richard Beuttler., PsyD/MS**, Rishikesh Chavan., MD (CHOC), Grace Magedman., PharmD (CHOC), Sun Yang, BPharm/PhD. "Evaluating tacrolimus dosing for acute graft versus host disease (GVHD) prophylaxis in pediatric bone marrow transplant patients." Hematology/Oncology Pharmacy Association 16th Annual Conference, Tampa, FL., March 11-14, 2020.

Michael Phan., PharmD, **Richard Beuttler., PsyD/MS**, Grace Magedman., PharmD (CHOC), Nicole Adams., MSN (CHOC), Dan Tomaszewski., PharmD/PhD, Sun Yang., BPharm/PhD. "An Evaluation on Inpatient Opioid Utilization Among Pediatric Patients with Cancer – A Retrospective, Single Center, Cross Sectional Study." Hematology/Oncology Pharmacy Association 16th Annual Conference, Tampa, FL., March 11-14, 2020.

Won K, Tsu L, Walsh A, Snee M, Brown A, **Beuttler R**. "The effect of simulated interprofessional medical scenarios (SIMS) on student pharmacists and student physician assistants' perceptions of interprofessional care and learning of emergency medicine concepts." 20th International Meeting on Simulation in Healthcare. San Diego, CA. January 2020.

Won K, Brown T, Walsh A, Lachance L, Brown A, **Beuttler R**. "The Sequential Debrief: a tool to optimize learning in Simulation-based Interprofessional Education (Sim-IPE)." 20th International Meeting on Simulation in Healthcare. San Diego, CA. January 2020.

Amy Kang, **Richard Beuttler**, Emi Minejima. "Evaluation of the Clinical Effectiveness and Safety of Oral Antibiotic Therapy for Uncomplicated Streptococcus spp. Bloodstream Infections". ACCP Global Conference. New York, NY. Oct 2019.

Chu, V.W., Girolami, G.L., Soangra, R., **Beuttler, R.**, Hollandsworth, C., Chheda, S., Grant-Beuttler, M. (October, 2019). "Children with idiopathic toe walking showed differences in areas of tactile and vestibular processing." (Program No. 764.04). Peer reviewed poster presentation at Neuroscience 2019, Society for Neuroscience Annual Meeting, Chicago, IL.

de Guzman J, Li H, Till B, **Beuttler R**, Wong S. Evaluation of Patient Risk Factors in Bortezomib-induced Peripheral Neuropathy in SWOG Trial S0601. Poster presented at: American Association of Colleges of Pharmacy, July 13-July 17, 2019. Chicago, Illinois.

Grant-Beuttler M, Gwerder M, **Beuttler R**, Hollandsworth R, Chheda S, Aminian A, Soangra R. "Evaluation of Balance in Children Diagnosed with Idiopathic Toe Walking" International Society of Posture and Gait Research, June 30-July 4, 2019. Edinburgh, Scotland

Soangra R, **Beuttler R**, Hollandsworth R, Chheda S, Aminian A, Grant-Beuttler M.
“Spatiotemporal Gait Characteristics in Idiopathic Toe Walkers”
International Society of Posture and Gait Research, June 30-July 4, 2019. Edinburgh, Scotland

S Conroy PT HPCS; T Evans PTA AHCB, D Butler-Moburg BA, J Robinson PT HPCS, **R Beuttler, PsyD**, C Wands DPT, M Grant-Beuttler PT PhD PCS
“Using the PEDI-CAT to Highlight Improvements in Functional Performance Following 6 Months of Hippotherapy”. World Confederation for Physical Therapy, May 10-13, 2019. Geneva Switzerland

Grant-Beuttler M, Hay J, **Beuttler R**, Kill K, Grossnickle K, Dulay R, McCauley C, Jennings J.
“Sex Differences in the Relationship Between Self-Efficacy and Motor Performance in Young Children”. World Confederation for Physical Therapy, May 10-13, 2019. Geneva Switzerland

Beuttler R, Grant-Beuttler M, Rakovski C, Allali M. “Analysis of Joint Angles During Gait in Infants Born Preterm and Full Term”. Pediatric Section of the APTA, February 17-20, 2016. Combined Sections Meeting of the American Physical Therapy Association. Anaheim, CA

Grant-Beuttler M, **Beuttler R**, Rakovski C, Glynn L. “Gastrocnemius-Soleus Adaptation in Typical Children Under 7 Years Old and Children Who Toe-Walk”. Pediatric Section of the APTA, February 17-20, 2016. Combined Sections Meeting of the American Physical Therapy Association. Anaheim, CA

Non-Peer Reviewed Research Presentations:

Rahul Soangra Ph.D., **Richard Beuttler Psy. D.**, R. Caprice Hollandsworth DPT; Shweta Chheda DPT; Mollee Oh; Afshin Aminian M.D.; Marybeth Grant-Beuttler PT Ph.D.
Poster Presentation-“Gait and Step Count Evaluations in Adolescent Idiopathic Toe Walkers”
Children’s Hospital of Orange County, November 14, 2018 &
November 29, 2018 Rinker Health Science Research Day

J Botting, SPT; J Heinly, SPT; C Sandoval, SPT; RC Hollandsworth; S Chheda; R Soangra; M Oh; A Aminian; **R Beuttler**; M Grant-Beuttler
Poster Presentation-“Evaluation of Balance in Adolescent Idiopathic Toe Walkers”
Children’s Hospital of Orange County, November 14, 2018 &
November 29, 2018 Rinker Health Science Research Day

Shelby Martin, SPT; Michael Narita, SPT; Delilah Zimmerman, SPT; Jill See, MPT, Vu Le, MS, Steve Cramer, MD, **Richard Beuttler, PsyD**; Marybeth Grant-Beuttler, PT, PhD, PCS; Alison McKenzie, PT, DPT, PhD
Poster Presentation- “The Accuracy of an Algorithm vs. Observation to Quantify Reach using Kinematic Data of a Game-Based Telerehabilitation System”
November 29, 2018 Rinker Health Science Research

Dmitry Foox, SPT, Jacklyn Brechter PhD PT, **Richard Beuttler PsyD**,
Poster Presentation- “Addressing Addition: A Physical Therapy Needs Assessment”

April 5, 2018 Rinker Health Science Research Day *Research Award Winner*

Amy Beylerian SPT; Riley Mandel, SPT; Shelby Martin, SPT; Michael Narita, SPT; Darren Wong, SPT; Delilah Zimmerman, SPT; Jill See, MPT, Vu Le, MS, Steve Cramer, MD, **Richard Beuttler, PsyD**; Marybeth Grant-Beuttler, PT, PhD, PCS; Alison McKenzie, PT, DPT, PhD

Poster Presentation- "The Kinematics of a Game-Based Telerehabilitation System for Stroke Rehabilitation"

April 5, 2018 Rinker Health Science Research Day

Jackie Gardner; Kevin Ozaki; Jessica Lui; Cindy Deeb; Sofia Sawitz, DPT; Jeanine Paulsen; Kim Caputo; Kelli Sharp, DPT; Kimberley Lakes, PhD; Shlomit Radom-Aizik, PhD; **Richard Beuttler, PsyD**; Marybeth Grant-Beuttler PT, PhD, PCS

Poster Presentation- "Ballet Intervention Pilot Study for Children with Cerebral Palsy"

April 6, 2017 Rinker Health Science Research Day *Research Award Winner*

Justin Razeghian BA; Jazmin Lopez, BS; Tiffany Ikeda-Simao, BS; Emily Christensen, BS; Rhogelyn Espino, BS; **Richard Beuttler, PsyD**; Marybeth Grant-Beuttler, PT, PhD, PCS; Alison McKenzie, PT, DPT, PhD Poster Presentation- "The Validity of a Game-Based Telerehabilitation System for Stroke Rehabilitation"

April 6, 2017 Rinker Health Science Research Day

Gilliland S, **Beuttler R**, Iwata M.

Poster Presentation- "Cognitive Skills Predicting Success in a Physical Therapy Program"

April 13, 2016 Rinker Health Science Research Day

Entrikin M, Foreman B, Lewis N, Rossi T, GrantBeuttler M, **Beuttler R**.

Poster Presentation- "Feasibility of the Clinical use of the Kinect Sensor to Observe Gait"

April 13, 2016 Rinker Health Science Research Day

Boucher C, Chun K, Hansen J, Lee M, Urata M, Cramer S, **Beuttler R**, Grant-Beuttler M, McKenzie A.

Poster Presentation- "The Development of Kinematic Methods for TeleRehabilitation"

April 13, 2016 Rinker Health Science Research Day

Beuttler R, Grant-Beuttler M, Rakovski C, Allali M.

Poster Presentation- "Automated Analysis of Gait in Preterm and Full Term Infant Walking"

May 13, 2015 Chapman University Student Research Day

Laura N, Petrillo K, Grant-Beuttler M, **Beuttler R**.

Poster Presentation- "Reliability of Gait Utilizing Precision in Motion Software "

May 13, 2015 Chapman University Student Research Day

Asmus M, Roberts P, Tanaka B, Grant-Beuttler M, **Beuttler R**,

Poster Presentation- "R Project in the Clinic"

May 13, 2015 Chapman University Student Research Day

Friesen P, **Beuttler R**, Grant-Beuttler M

Poster Presentation- "Development of Gait Analysis Software Utilizing the Kinect Sensor"

April 2, 2014 Chapman University Physical Therapy Graduate Poster Presentation
May 14, 2014 Chapman University Student Research Day

Beuttler R.

Platform Presentation-"Development of a MATLAB Computer Program for Analysis of 3-D Walking Data."

April 19, 2013 Inaugural Computational Sciences Graduate Conference, Chapman University

Beuttler R, Stark C, Grant-Beuttler M, Allali M.

Poster Presentation- "Development of a MATLAB Computer Program for Analysis of Three-Dimensional Walking Data"

March 27, 2013 Chapman University Physical Therapy Graduate Poster Presentation.

April 4-6, 2013 Chapman University Symposium on Big Data and Analytics: 44th Symposium on the Interface of Computing Science and Statistics.

May 9, 2013 Chapman University Research Day

Grant Submissions:

I provided statistical support for the following grant applications:

2023

Nanoparticles as a Viable Tool in Polycystic Kidneys. PI: Surya Nauli, Ph.D.

PGRMC2 in Cardiac Function. PI: Surya Nauli, Ph.D.

2022

Peptide/Lipid-Associated Nucleic Acids (PLANAs) for Nucleic Acid Delivery in a Variety of Applications. PI: Hamidreza Montazeri Aliabadi. PharmD, PhD

Peptide-drug conjugates: A novel modality for triple-negative breast cancer treatment. PI: Kamaljit Kuar, PhD.

EGFR Targeting Peptide-Drug Conjugates for Improved Efficacy of Chemotherapy. PI: Kamaljit Kuar, PhD.

2021

Antibody-based Microcantilever Platform for Molecular Profiling of Circulating Tumor Cells in Patients with Breast Cancer. PI: Kamaljit Kuar, PhD.

Transition Errors from Hospitals to Skilled Nursing Facilities. PI: Amy Kang, PharmD

Impact of the COVID pandemic on real-world dispensing of anti-ADHD medications in California. PI: Sun Yang PharmD, PhD.

Changes in Prescriptions of ADHD during Covid-19 Pandemic. PI: Sun Yang PharmD, PhD.

Cyclic Amphipathic Peptides Against Broad-Spectrum Drug-Resistant Pathogenic Bacteria. PI: Rakesh Tiwari, PhD

Cyclic Peptides as Protein Tyrosine Kinase Inhibitors. PI: Keykavous Parang, PharmD, PhD.

Peptide-Drug Conjugates for Targeted Delivery to Overcome Multi-Drug Resistance in Cancer. PI: Hamidreza Montazeri Aliabadi, PharmD, PhD

2020

SenSE: An Assistive Technology to Enhance Foot Contact in Children Diagnosed with Idiopathic Toe Walking. PI: Venkatesn Muthukumar, PhD.

Novel Peptide-Drug Conjugates for Improved Efficacy of Chemotherapy for Triple-Negative Breast Cancer Treatment. PI: Kamaljit Kuar, PhD.

Peptide-based Microcantilever Platform for Detection of Triple-Negative Breast Cancer from Blood. PI: Kamaljit Kuar, PhD.

Smart Stepper: An Assistive Technology to enhance Foot Contact in Children Diagnosed with Idiopathic Toe Walking. PI: Marybeth Grant-Beuttler, PhD.

Targeted Peptide-Drug Conjugates to Overcome Multi-Drug Resistance. PI: Kamaljit Kuar, PhD.

TEACHING

Chapman University:

PHRX 801 Academic Success 1 2022 - present

I co-developed and will teach this class starting in the Summer 2022 for Chapman University School of Pharmacy.

PHRX 802 Academic Success 2 2022 - present

I co-developed and will teach this class starting in the Fall 2022 for Chapman University School of Pharmacy.

PHS 750 Biostatistics 2019 - 2022

I developed and have been teaching the Biostatistics course in the Biomedical and Pharmaceutical Sciences Program at Chapman University School of Pharmacy.

Chapman University School of Pharmacy Residency Program 2019 – present

I developed and have been teaching a 4 part series in research design and statistics.

Chapman University School of Pharmacy Freshman Early Admission Program 2021 – present

I co-developed and have been teaching a 4 part series on student success.

PHRM 672 Research Design, Statistics, and Literature Evaluation, 2021.

I was a co-instructor for this course.

PT 670 Cultural Diversity and Psychology of Healthcare 2011 – 2019

I co-developed this class and taught it from 2011 until 2019.

PT 651 Scientific Inquiry II 2013 – 2016

I was an instructor for this course.

PT 540 Health Psychology 2009

I taught this class in 2009, it was replaced with PT 670.

SERVICE

Frontiers in Public Health: Life-Course Epidemiology and Social Inequalities in Health. I serve as a review editor.

Chapman University School of Pharmacy PharmD Program 2023

APPE transitions OSCE grader and Journal club grader.

Chapman University School of Pharmacy PharmD Program 2023

On the Student Standard's working group to write ACPE Standards 14, 15, 16, & 17, with major writing contributions to Standard 17.

Chapman University School of Pharmacy PharmD Program 2023

Data processing support for the gap analysis in the curriculum.

Chapman University School of Pharmacy PharmD Program 2023

Data processing support for alternative pathways progression plan.

Chapman University School of Pharmacy PharmD Program Empathy Project 2022

I served as a facilitator for the PharmD program empathy training.

Chapman University School of Pharmacy PharmD Program 2022

I served as a grader for student journal club presentations.

Chapman University School of Pharmacy Journal Club 2021

I was on the committee that redesigned the Journal Club grading template for Chapman University School of Pharmacy's PharmD program. The journal club process is used to help students critically evaluate scientific literature.

Chapman University School of Pharmacy Office of Admissions 2021

I used prior admissions data to investigate demographics of which students were not choosing Chapman University School of Pharmacy after placing a deposit. I was able to determine that greater proportions of students who came from economically disadvantaged backgrounds were not choosing Chapman. This data is currently being used to consider possible specialized scholarships for underserved communities.

Reviewer for Naunyn-Schmiedeberg's Archives of Pharmacology 2021

Chapman University School of Pharmacy PharmD Program 2019

I investigated factors related to success on the Pharmacy licensing exam for the school's root cause analysis for an accreditation site visit.

Chapman University School of Pharmacy PharmD Program 2015 - 2016

I provided consultation with the school of pharmacy administration on undergraduate predictors of academic success.

SELECTED CONTINUING EDUCATION

Zur Institute, LLC. "Suicide Assessment and Intervention". 11/14/2021.

TZK Seminars. "Mental Health and the Military: Strategies for Treating Veterans with PTSD and Related Conditions". 11/06/2021.

TZK Seminars. "Introduction to Mindfulness". 10/24/2021.

Institute For Brain Potential. "Conscientious Eating: Mental Health , Inflammation and the Aging Brain. 11/08/2019.

UC Irvine School of Medicine. "Advances in Dementia Research Across Unique Populations". 9/30/2016.

Zur Institute, LLC. " Cultural Diversity 101: Introduction to Multicultural Sensitivity and Multicultural Competence". 10/15/2015.

Vericare. "Cognitive Testing Using the RBANS: an Update". 04/24/2013.

Vericare. "Recent Advances in Alzheimer's Disease". 03/11/2013.