

MADELINE P. CASANOVA

Postdoctoral Fellow

University of Idaho
Moscow, ID 83844
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ACADEMIC DEGREES

2020	Doctor of Philosophy	University of Idaho <i>Education, Health & Human Sciences</i> <i>Emphasis: Movement Sciences</i> <i>Specialization: Performance Psychology</i>
2014	Master of Physical Education	Idaho State University <i>College of Education</i> <i>Physical Education – Athletic Administration</i>
2013	Bachelor of Arts	University of Notre Dame <i>Psychology and Theology</i>

PROFESSIONAL EXPERIENCE

ACADEMIC EMPLOYMENT

August 2020 – present	Postdoctoral Fellow WWAMI Medical Education Program Project Extension for Community Healthcare Outcomes North Idaho Area Health Education Center University of Idaho, Moscow, ID
June 2018 – August 2020	Graduate Research and Teaching Assistant WWAMI Medical Education Program College of Education, Health & Human Sciences Department of Movement Sciences - Athletic Training Program University of Idaho, Moscow, ID
August 2017 – May 2018	Instructor/Advisor College of Education Sport Science & Physical Education Department Idaho State University, Pocatello, ID
August 2016 – August 2017	Graduate Teaching Assistant, Physical Education Activity Coordinator College of Education, Health & Human Sciences Department of Movement Sciences University of Idaho, Moscow, ID
August 2013 – June 2015	Graduate Teaching Assistant College of Education Department of Sport Science and Physical Education Idaho State University, Pocatello, ID

OTHER EMPLOYMENT

August 2015 – March 2016 **Student Welfare & Development Intern**
Rosenthal Leadership Academy Facilitator
University of Notre Dame Athletic Department
University of Notre Dame, Notre Dame, IN

May 2014 – June 2015 **District Athletic Director**
Blackfoot School District, Blackfoot, ID

RESEARCH

JOURNAL PUBLICATIONS - PEER-REVIEWED (N = 13)

13. **Casanova, M.P.**, Nelson, M.C., Pickering, M.A., Larkins, L.W., Appleby, K. & Baker, R.T. (2021). Disablement in Physically Active Scale Short Form-8: Psychometric evaluation. *BMC Sports Science, Medicine and Rehabilitation*, 13(1) 1-18. <https://doi.org/10.1186/s13102-021-00380-3>
12. Miley, E.N., Reeves, A.J., **Casanova, M.P.**, Martonick, N.J., Baker, J., Baker, R.T. (2021). Test-retest reliability of the Total Motion Release Scale. *Journal of Sport Rehabilitation*, 30(6), 961-964. <https://doi.org/10.1123/jsr.2020-0275>
11. Cheatham, S.W., Baker, R.T., Larkins, L.W., Baker, J.G., **Casanova, M.P.** (2021) Instrument assisted soft-tissue mobilization: A survey of practice patterns among allied health professionals. *Journal of Athletic Training*, 56(10): 1100-1111. <https://doi.org/10.4085/1062-6050-0047.20>
10. **Casanova, M.P.**, Baker, R.T. Pickering, M.A., Baker, J.G. (2021). Invariance testing of the Disablement in the Physically Active Scale Short Form-10. *Journal of Athletic Training*, 56(9): 1037-1041. <https://doi.org/10.4085/1062-6050-502-19>
9. **Casanova, M.P.**, Nelson, M.C., Pickering, M.A., Larkins, L.W., Appleby, K.M., Grindley, E.J., Baker, R.T. (2021). Measuring psychological pain: psychometric analysis of the Orbach and Mikulincer Mental Pain Scale. *Measurement Instruments for the Social Sciences*, 3(7): 1-17. <https://doi.org/10.1186/s42409-021-00025-8>
8. Miley, E.N, Hansberger, B.L., **Casanova, M.P.**, Baker, R.T., Pickering, M.A. (2021). Confirmatory factor analysis of the Athlete Sleep Behavior Questionnaire. *Journal of Athletic Training*, e-pub ahead of print. <https://doi.org/10.4085/1062-6050-0193.21>
7. Holman, M., **Casanova, M.P.**, Baker, R.T. (2020). Exploring the psychometric properties of the Disablement in the Physically Active Scale Short Form-8 in adolescents. *Journal of Sport Rehabilitation*, 30(4): 685-688. <https://doi.org/10.1123/jsr.2020-0173>
6. Reeves, A.J., Baker, R.T., **Casanova, M.P.**, Cheatham, S.W. & Pickering, M.A. (2020). Examining the factorial validity of the Quality of Life Scale. *Health and Quality of Life Outcomes*, 18(32), 1-17. <https://doi.org/10.1186/s12955-020-01292-5>
5. Baker, R.T, **Casanova, M.P.**, Pickering, M.A., Baker, J.G. (2020). Invariance testing of the Disablement in Physically Active Scale. *Journal of Athletic Training*, 55(11): 1-9. <https://doi.org/10.4085/1062-6050-0302.19>
4. Baker, R.T., **Casanova, M.P.**, Whitlock, J.N., Smith, L.H., Seegmiller, J.G. (2020). Expanding access to health care: Evaluating Project Extension for Community Health Care Outcomes (ECHO) Idaho's tele-education behavioral health program. *Rural Mental Health*, 44(4): 205-216. <https://doi.org/10.1037/rmh0000157>
3. **Casanova, M. P.**, Nelson, M.C., Baker, R.T. (2020). Examining the psychometric properties of the Athletic Coping Skills Inventory and Brief Cope in the firefighter population. *Cogent Social Sciences*, 6(1), 1-19. <https://doi.org/10.1080/23311886.2020.1761509>
2. Faure, C.E., & **Casanova, M.P.** (2019). The fall of the gladiators: Wives' tales of concussion reporting and (possible) progressive neurodegenerative disease in NFL players. *The Qualitative Report*, 24(1), 1-23. <https://doi.org/10.46743/2160-3715/2019.3461>

1. Nelson, M.C., **Casanova, M.P.**, & Vella, C.A. (2018). The effectiveness of standing on a balance board for increasing energy expenditure. *Medicine and Science in Sports and Exercise*, 50(8), 1710-1717. DOI: 10.1249/MSS.0000000000001595

JOURNAL ARTICLES IN PRESS (N = 1)

1. **Casanova, M.P.**, Nelson, M.C., Blades, K.C., Smith, L.S., Seegmiller, J., Baker, R.T. Project ECHO Idaho: Evaluation of a Telehealth Program for Opioid and Addiction Treatment in a Rural and Frontier State. (*In press – Journal of Opioid Management*) DOI: 10.5055/jom.2021.0000

JOURNAL PUBLICATIONS SUBMITTED IN PEER-REVIEW (N = 10; * = student researcher)

10. Richardson, R. *, **Casanova, M.P.**, Reeves, A.J., Ryu, R., Cady, A.C., Baker, R.T., Evaluating the psychometric properties of the International Knee Documentation Committee – Subjective Knee Form. (*In review – The Patient – The Patient-Centered Outcomes Research*)
9. Faure, C.E. & **Casanova, M.P.** Idaho Concussion Law Compliance: A 10-year Update. (*In review – Applied Research in Coaching and Athletics Annual*)
8. **Casanova, M.P.**, Blades, K.C., Palmer, K., Smith, L.S., Fuerst, P., Seegmiller, J.G. & Baker, R.T. Stakeholder perceptions of the use of a rapid deployed ECHO for training and preparing rural providers for COVID-19. (*In review – Journal of Public Health Research*)
7. Miley, E.N., Baker, R.T., Cheatham, S.W., Larkins, L., **Casanova, M.P.** & Pickering, M.A. Confirmatory Factor Analysis of the Hip Disability and Osteoarthritis Outcome Score (HOOS) and Associated Sub-scale. (*In review – International Journal of Sports Physical Therapy*)
6. Ryu, S., **Casanova, M.P.**, Moore, J.D., Cady, A.C. & Baker, R.T. Many-Faceted Rasch Calibration of the Foot Function Index-Revised Short Form. (*In review – Journal of Athletic Training*)
5. **Casanova, M.P.**, Reeves, A., Moore, J., Ryu, S., Palmer, K., Smith, L.S., Seegmiller, J.G. & Baker, R.T. Evaluating the Impact of a Project ECHO Pediatric Behavioral Health Series in a Rural and Frontier State: An Exploratory Investigation. (*In review – Clinical Pediatrics*)
4. Allred, C. *, Reeves, A.J., **Casanova, M.P.**, Cady, A.C., Baker, R.T. Multi-group Invariance Testing of the Knee Injury Osteoarthritis Outcome Score for Joint Replacement Scale. (*In review - Osteoarthritis and Cartilage Open*)
3. **Casanova, M.P.**, Reeves, A.J., Baker, R.T. Psychometric properties of a modified Athlete Burnout Questionnaire in the collegiate athletics setting. (*In review – Journal of Sport Rehabilitation*)
2. Moore, J.D., **Casanova, M.P.**, Ryu, S., Smith, L.H. & Baker, R.T. Examining ECHO Idaho's Perinatal Substance Use Disorder Pilot Program. (*In review – Journal of Rural Mental Health*)
1. Ryu, S., Richardson, R., Cady, A.C., Reeves, A., **Casanova, M.P.** & Baker, R.T. Rasch Calibration for the International Knee Documentation Committee Subjective Knee Form (IKDC-SKF). (*In review – Journal of Sport Rehabilitation*)

JOURNAL MANUSCRIPTS IN PREPARATION (N = 12; * = student researcher)

12. **Casanova, M.P.**, Jones, S.B. *, Nelson, M., Hamso, M., Palmer, T., Smith, L.H., Palmer, K. & Baker, R.T. Medications for Opioid Use Disorder Waivers Barriers and Utilization: Investigating Provider Utilization of a Hybrid Education Training Course in a Rural and Frontier State
11. **Casanova, M.P.**, de Leon, J. * & Baker, R.T. Assessing a COVID-19 tele-education, tele-mentoring series for healthcare providers.
10. **Casanova, M.P.**, Reeves, A.J. Lords, A. *, Wilkinson, C., Lima, A. & Baker, R.T. Investigating healthcare provider shortages and community health learning capacity.
9. **Casanova, M.P.**, Anderson, S.A. * & Baker, R.T. Psychometric evaluation of a tool to measure depression: Patient Health Questionnaire-9.
8. **Casanova, M.P.**, Jacobsen, G. * & Baker, R.T. Assessing the factor structure and psychometric properties of the Depression Anxiety Stress Scale – 21.

7. **Casanova, M.P.**, Garabedian, A.* & Baker, R.T. Evaluating the factor validity and reliability of the Self-Compassion Scale
6. **Casanova, M.P.**, Nelson, M.C., Baker, R.T., Pickering, M.A. Positive mental health in collegiate student-athlete and dance populations.
5. **Casanova, M.P.**, Baker, R.T., Pickering, M.A. ROTC longitudinal performance testing: Evaluating mental toughness.
4. Allred, C., **Casanova, M.P.**, Dluzniewski, A., Moore, J., Cady, A. & Baker, R.T. Assessing the longitudinal psychometric properties of the Knee Injury Osteoarthritis Outcome Score for Joint Replacement Scale.
3. Fulcher, J.G., Monreal, C., **Casanova, M.P.**, Pickering, MA & Baker, R.T. Confirmatory factor analysis and invariance testing of the Sport Anxiety Scale-2 among collegiate athletes and dancers.
2. Nelson, M.C., **Casanova, M.P.**, Johnson, T.R., Martin, B., Drum, S.N., Fehrenkamp, B., Baker, R.T., Vella, C.A. Acute effects of uninterrupted sitting on hemodynamics and biomarkers of endothelial function in men and women.
1. Nelson, M.C., **Casanova, M.P.**, Johnson, T.R., Martin, B., Drum, S.N., Fehrenkamp, B., Baker, R.T., Vella, C.A. Immediate changed in inflammatory and vascular function biomarkers and hemodynamics after prolonged sitting between physically inactive and active adults.

OTHER PUBLICATIONS & TECHNICAL REPORTS (N = 7)

7. **Casanova M.P.**, Ryu, S., Moore, J.D., Baker, RT. Performance Measures for Fiscal Year 2021: Project ECHO Idaho and North Idaho Area Health Education Center. Report prepared for the Idaho WWAMI Office of Continuing Education. January 2022.
6. Reeves, A.J., **Casanova, M.P.**, Baker, RT. Rural Underserved Opportunities Program WWAMI University of Idaho Site: Assessment & Evaluation Summer 2021. Report prepared for the North Idaho Area Health Education Center. February 2022.
5. Dluzniewski A., **Casanova M.P.**, Reeves A.J., Baker, R.T. WWAMI University of Idaho North Idaho AHEC Scholars Cohorts E19 & E20. Report prepared for the North Idaho Area Health Education Center. January 2022.
4. **Casanova M.P.**, Ryu, S., Moore, J.D., Baker, RT. Performance Measures for Fiscal Year 2020: Project ECHO Idaho and North Idaho Area Health Education Center. Report prepared for the Idaho WWAMI Office of Continuing Education. January 2022.
3. **Casanova M.P.**, Reeves A.J., Moore J.D., Palmer K., Smith L.H., Baker R.T. ECHO Idaho: Pediatric Behavioral Health – Needs Assessment and Evaluation. Report prepared for Idaho Department of Health and Welfare, Division of Public Health, Bureau of Clinical and Preventative Services, Maternal and Child Health, Child and Youth with Special Health Care Needs. October 2021.
2. **Casanova M.P.**, Nelson M.N., Palmer K., Smith L.H., Baker R.T. ECHO Idaho: Substance Use Disorder Education and X-Waiver Training – Needs Assessment and Evaluation. Report prepared for the Idaho Department of Health and Welfare. September 2021.
1. **Casanova M.P.**, Nelson M.N, Palmer K., Smith L.H., Baker R.T. Idaho X-Waiver Utilization: X-Waiver Training for Idaho Providers through ECHO Idaho. Report prepared for the Bureau of Justice Assistance. July 2021.

OTHER PUBLICATIONS & TECHNICAL REPORTS IN PREPARATION (N = 5)

5. **Casanova, M.P.**, Reeves, A.J., Dluzniewski A., Palmer, K.P & Baker, R.T. ECHO Idaho Pediatric Autism Program Evaluation. Report in draft to be submitted to the Health Resources and Services Administration.
4. **Casanova, M.P.**, Reeves, A.J., Moore, J.D. & Baker, R.T. Patient Vaccine Hesitancy in Idaho: Educational Programming Evaluation. Report in draft to be submitted to the Idaho Department of Health and Welfare.
3. **Casanova, M.P.**, Reeves, A.J., Ryu, S. & Baker, R.T. ECHO Idaho COVID-19 Program Evaluation. Report in draft to be submitted to the Idaho Department of Health and Welfare.
2. Ryu, S., **Casanova, M.P.**, Baker, R.T. ECHO Idaho Opioid Response Program Evaluations. Report in draft to be submitted to the Idaho Department of Health and Welfare.

1. Moore, J.D., **Casanova, M.P.**, Baker, R.T. ECHO Idaho Viral Hepatitis and Liver Care Program Evaluation. Report in draft to be submitted to the Idaho Department of Health and Welfare.

INVITED (NON-BLIND EXTERNAL PEER REVIEW) PUBLISHED PRODUCTS (N = 1)

1. **Casanova, M.P.**, Nelson, M.C., Baker, R.T. (2021). Measuring psychological pain. *On Society*, BMC Blog Network. <https://blogs.biomedcentral.com/on-society/2021/06/28/measuring-psychological-pain/>

PUBLISHED ABSTRACTS (N = 3)

3. Nelson, M.C., **Casanova, M.P.**, Ball, J.R., Midence, R.D., Johnson, T.R., Martin, B., Fehrenkamp, B.D., Baker, R.T., Drum, S.N & Vella, C.A. (2021). Effects of uninterrupted sitting: Are there differences across sex in vascular and inflammatory biomarkers? *Medicine and Science in Sports and Exercise* 53(8S): 81.
2. Nelson, M.C., **Casanova, M.P.**, Ball, J.R., Midence, R.D., Johnson, T.R., Martin, B., Fehrenkamp, B.D., Baker, R.T., Drum, S.N & Vella, C.A. (2021). Uninterrupted sitting induces unfavorable changes in resting hemodynamics and inflammatory and vascular biomarkers in physically inactive and active adults. *Circulation* 143(Suppl_1): A032.
1. **Casanova, M. P.** & Meyers, M. (2018). Athletic Coping Skills of Female Division I Volleyball Players. *Medicine and Science in Sports and Exercise*, 50(5): 326.

ORAL PRESENTATIONS (N = 2)

2. **Casanova, M. P.** (2018). Firefighting Coping Skills. Research presented at the Northwest Student Sport and Exercise Psychology Symposium.
1. **Casanova, M. P.**, Nelson, M.C. (2017). Dimensions of Enjoyment for Climbers. Research presented at the Northwest Student Sport and Exercise Psychology Symposium.

POSTER PRESENTATION (N = 1)

1. **Casanova, M. P.** & Meyers, M. (2018). *Athletic Coping Skills of Female Division I Volleyball Players*. Poster presented at the American College of Sports Medicine Conference.

GRANTS, FELLOWSHIPS, AWARDS

FUNDED

- 2022 Medical Student Research Mentorship through Health Education Programs and Patient Reported Outcomes Measures Assessment: Training Support Award
Idaho INBRE Program
Awarded: \$21,720
PI: Russell T. Baker; Role: Co-Investigator
- 2021 Rural underserved opportunities project: Examining healthcare provider recruitment and retention and patient health literacy in the Orofino, Idaho community
AVISTA Utilities & Innovia Foundation
Awarded: \$20,000
Co-PI's: Russell T. Baker & Madeline P. Casanova
- 2020 ECHO for an Area Health Education Center Curriculum
Department of Health and Human Services - SAMHSA: Practitioner Education
Awarded: \$200,000

Co-PIs: Peter Fuerst & Liz Bryant; Role: Assisted with grant drafting and member of the research and evaluation team

- 2020 AHEC COVID-19 CARES Act
US Department of Health and Human Services
Awarded: \$30,000
Co-PIs: Liz Bryant & Russell Baker; Role: Assisted with grant drafting and member of the research and evaluation team
- 2020 Rural Health Care Services Outreach Program: North Idaho Outreach Network
Health Resources & Services Administration
Awarded: \$800,000
PI: Lachelle Smith; Role: Assisted with grant drafting and member of the research and evaluation team
- 2020 Graduate and Professional Student Associate Publishing Award
University of Idaho
Awarded: \$1,000
Students: Madeline P. Casanova & Megan C. Nelson

NOT FUNDED

- 2020 Project ECHO Idaho Pediatric Autism: Comparing the Effects of Medical Service Delivery and Specialty Training in a Rural and Frontier State
Patient Centered Outcomes Research Institute
Amount applied for: \$1,540,000
PI: Russell Baker; Role: Assisted with grant drafting and member of the research and evaluation team
- 2020 Implementation of Project ECHO Idaho Obesity
St. Luke's Health System Community Health Improvement Fund Grant
Amount applied for: \$25,000
PI: Lachelle Smith; Role: Assisted with grant drafting and member of the research and evaluation team
- 2020 Foundation COVID-19 Relief Fund: University of Idaho Foundation Project ECHO Idaho
PacificSource Grants
Amount applied for: \$50,000
PI: Lachelle Smith; Role: Assisted with grant drafting and member of the research and evaluation team
- 2020 Geriatric ECHO Idaho: Building Capacity to Advance Health and Economic Security among Seniors
AARP Foundation, Education, Outreach and Field-Building Projects
Amount applied for: \$300,000
PI: Lachelle Smith; Role: Assisted with grant drafting and member of the research and evaluation team
- 2019 National Institutes of Health, Exploratory/Developmental Research Grant, Research on Autism Spectrum Disorders, Frontier State Primary Care Providers' Knowledge, Confidence, Screening, and Management of Autism Spectrum Disorders Following a Project ECHO Quality Improvement Initiative (2019)
Amount applied for: \$275,000
Co-PIs: Russel Baker & Lachelle Smith; Role: Assisted with grant drafting and member of the research and evaluation team
- 2019 Effect of Suicide Assessment Training on Rural Primary Care Providers and their Patients
Patient Centered Outcomes Research Institute
Amount applied for: \$3,200,000
PI: Russell Baker; Role: Assisted with grant drafting and member of the research and evaluation team

TEACHING ACTIVITY

COURSES TAUGHT (SOLE INSTRUCTOR)

Idaho State University

PE 2235: Activity Performance Techniques I
PE 2236: Activity Performance II
PW 2237: Activity Performance Techniques III
PE 3322: Introduction to Sport Psychology
PE 3366: Sport Marketing
PE 4454: Senior Capstone
PE 4475: Organization and Administration in Physical Education and Sport
PEAC 1134a: Beginning Weight Training
PEAC 1150: Beginning Racquetball
PEAC 1132: Individualized PE
PE 1159: Ultimate Frisbee
PE 1157: Intermediate Volleyball
PEAC 1134b: Intermediate Weight Training

University of Idaho

H&S 289: Drugs in Society, *online*
PEB 106: Racquetball
PEB 107: Beginning Volleyball
PEB 107: Volleyball
PEP 495: BIP Teaching Assistant

POSTDOCTORAL FELLOW/GRADUATE TEACHING ASSISTANT COURSES ASSISTED

University of Idaho

MEDS 517: Research Methods
AT 504/604: Special Topic: Structural Equation Modeling
AT 624: Advanced Quantitative Data Analysis and Interpretation in Patient Care
AT 542: Scientific Inquiry and Research Presentation
AT 514: Psychology of Injury and Referral
AT 536: Research Methods and Statistics II
PEP 301: Mental Training

Idaho State University

PE 3357: Methods of Teaching Elementary PE
PE 3322: Sport Psychology
PE 2237: Activity Performance Techniques III
PE 2222: First Aid/CPR

GUEST LECTURER

Idaho State University

PE 6640: Research and Writing
PSYC 4467: Social Neuroscience, Topic: Aggression and Violence
PSYC 4467: Positive Psychology, Topic: Flow & Intrinsic Values

OUTREACH

Manuscript Reviewer

PeerJ Journal, 2019 – *present*

BMC Sports Science, Medicine, and Rehabilitation, 2021 - *present*

Idaho State University

Softball Athletic Team Sport Psychology Consulting, 2017- 2018

National Girls and Women in Sports Day Graduate Assistant, 2013

University of Idaho

Graduate & Professional Student Association Senator, 2016

ISMART Clinic Sport Psychology Consulting, 2018