

Cedomir Stanojevic, PhD, CTRS

Department of Parks, Recreation and Tourism Management |

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RESEARCH INTERESTS

My ongoing research centers on interventions aimed at elevating the quality of life for individuals with disabilities, specifically exploring the impact of emerging technologies on health outcomes for this population. The core methodologies driving my investigations involve the amalgamation of behavioral observations and physiological recordings while identifying sampling strategies to collect relevant information from the participants. I utilize ecological momentary assessment (EMA) philosophy as the guide in research design and tend to collect participant interaction data in real-time while characterizing variations in behaviors within a participant over time. This approach minimizes susceptibility to biases associated with traditional observational methods, enhancing the sensitivity and reliability of findings. My interdisciplinary approach to research relies on collaboration with a diverse team of subject matter experts. Research contributions of such collaborative effort revolve around advancing Artificial Intelligence (AI)-driven Digital Health (DH) systems, with a specific emphasis on their potential in healthcare delivery and care management. These systems, comprising a fusion of technologies, AI, and physiological biomarkers, hold promise in supporting individuals with various health conditions. Within the broader DH spectrum, my focus extends to Digital Therapeutics (DTx), which represents a more targeted set of technology-enabled interventions designed to yield measurable therapeutic effects.

EDUCATION

Doctor of Philosophy

May 2022

Indiana University, Bloomington, Indiana.

School of Public Health

Department: Health and Wellness Design

Emphasis: Leisure Behavior

Ph.D. Minor – Informatics (School of Informatics Computing and Engineering)

Dissertation: Attitudes of Practitioners who Provide Services to Individuals with Autism Spectrum

Disorder Towards Use of Socially Assistive Robots

Master of Science in Physical Education and Sport

December 2017

University “UNION – Nikola Tesla” Faculty for Sport, Belgrade

Major: Coach in Sports

Thesis: “Combining Equestrian Sport as a Recreational Therapy Method and Equine

Assisted Therapies and Activities Based on the Model Observed in the United States of America”

Bachelor of Science in Physical Education and Sport

January 2016

University “UNION – Nikola Tesla” Faculty for Sport, Belgrade

Major: Manager in Sport

Certified Therapeutic Recreation Specialist (CTRS)

September 2020

The National Council for Therapeutic Recreation Certification



ACADEMIC APPOINTMENTS

Clemson University

Assistant Professor – Department of Parks, Recreation and Tourism Management, College of Behavioral, Social and Health Sciences, Clemson University, Clemson, South Carolina (2022-current)

Faculty Scholar – Clemson University School of Health Research (CUSHR)

Affiliated Faculty – Institute for Engaged Aging, College of Behavioral, Social and Health Sciences, Clemson University, Clemson, South Carolina (2022-current)

Affiliated Faculty – Center for Addiction and Mental Health Research, College of Behavioral, Social and Health Sciences, Clemson University, Clemson, South Carolina (2023-current)

Lab Affiliate – Virtual Reality and Nature (VRN) Lab, College of Behavioral, Social and Health Sciences, Clemson University, Clemson, South Carolina (2022-current)

Member of the Scientific Board - Assistive Technologies and Communication International Conference (ASTEK 2022)

National Council for Therapeutic Recreation Certification (NCTRC)

Member of the Standards Review Committee (SRC)

Indiana University

Graduate Assistant – the Department of Health and Wellness Design – School of Public Health, Indiana University, Bloomington (2018-2022)

Project Coordinator in the Center for Sexual Health Promotion - Department of Applied Health - School of Public Health, Indiana University, Bloomington (2020-2022)

RESEARCH TEAMS

Community Based Rehabilitation Team (Autism Spectrum Disorder and Service Providers: Attitudes Towards New Technologies, Perception of Usefulness and Intention to Use Socially Assistive Robots). Lead by **Cedomir Stanojevic** (2020-current)

R-House Socially Assistive Robotics Research Laboratory (Establishing Most Effective Sampling Strategy within Ecological Momentary Assessment Approach). Lead by Drs. Sabanovic and Piatt (2020-current) – **Funded by National Science Foundation**

Community Based Rehabilitation Team (Social Isolation and Loneliness While Living with a Spinal Cord Injury). Lead by Dr. Piatt (2020-current)



R-House Socially Assistive Robotics Research Laboratory (Social Robots and Social Distancing). Lead by Drs. Sabanovic and Piatt (2019-2022) - **Funded by National Science Foundation**

R-House Socially Assistive Robotics Research Laboratory (Social Robots for College Students). Lead by Drs. Sabanovic and Piatt (2019-2024) - **Funded by National Science Foundation**

Community Based Rehabilitation Team (Women, sexual health, and menopause: Sexual health as telemedicine facilitation technique for recreational therapists). Lead by Dr. Piatt (2019-2022)

Community Based Rehabilitation Team (Attitudes and Knowledge of Recreational Therapists and Trainees about Sexuality of Persons with Disabilities). Lead by Dr. Piatt (2019-2022)

Community Based Rehabilitation Team (Women, sexual health, and mobility impairment: Sexual health as telemedicine facilitation technique for recreational therapists). Lead by Dr. Piatt (2019-current)

Community Based Rehabilitation Team (The Effects of Socially Assistive Robots on Young Adults with ASD). Lead by **Cedomir Stanojevic** (2019-current)

Community Based Rehabilitation Team (Sexuality and Young Adults with ASD). Lead by **Cedomir Stanojevic** (2019-current)

Community Based Rehabilitation Team (Sexuality and Spinal Cord Injury). Lead by Dr. Piatt (2019-current).

Community Based Rehabilitation Team (Wheelchair basketball). Lead by Dr. Piatt. (2018-2022).

Community Based Rehabilitation Team (The examination of non-pharmacologic treatment of pain after spinal cord injury). Lead by Dr. Piatt. (2018-current).

Cross-Cultural Equine Assisted Therapy (International Research Collaboration (IRC); EAT curriculum design; Effectiveness of curriculum implementation). Lead by Dr. Dawson. (2017-current).

TEACHING

2024 - Spring PRTM-8880 Capstone Course: Applying Learning Outcomes to Current PRTM Issues and Organizations – 18 students

2023 - Fall PRTM-8010 Philosophical Foundations of Recreation and Park Administration – 18 students

2023 - Fall PRTM-4220 Management of RT Services – 20 students



2023 - Summer 1 PRTM-3500 European Soccer and Sustainability – 20 students

2023 - Spring PRTM-8880 Capstone Course: Applying Learning Outcomes to Current PRTM Issues and Organizations – 19 students

2023 – Spring PRTM-2650 Terminology in Recreational Therapy Practice – 24 students

2022 - Fall PRTM-4220 Management of RT Services – 20 students

2022 - Spring SPH-Y277 – Foundations of Recreational Therapy – 41 students

2021 - Fall lab portion of SPH-Y378 – Recreational Therapy Assessment and Planning – 7 students

2021 - Spring lab portion of SPH-Y379 – Recreational Therapy Facilitation Techniques and Evaluation – 24 students

2020 - Fall SPH-Y560 – Professional Development of Therapeutic Recreation – 19 students (took over course on November 17th due to faculty medical leave).

2020 - Fall SPH-Y378 – Recreational Therapy Assessment and Planning – 40 students (took over course on November 17th due to faculty medical leave).

2020 - Fall lab portion of SPH-Y378 – Recreational Therapy Assessment and Planning – 40 students

2020 - Spring lab portion of SPH-Y379 – Recreational Therapy Facilitation Techniques and Evaluation – 36 students

2019 - Fall lab portion of SPH-Y378 – Recreational Therapy Assessment and Planning – 35 students

2019 - Spring lab portion of SPH-Y379 – Recreational Therapy Facilitation Techniques and Evaluation – 35 students

2018 - Fall lab portion of SPH-Y378 – Recreational Therapy Assessment and Planning – 45 students

REFEREED PUBLICATIONS (PUBLISHED, IN PRESS, OR ACCEPTED)

***indicates graduate student coauthor**

Collins, S., Baugus Henkel, K., Henkel, Z., Bennett, C. C., **Stanojevic, C.**, Piatt, J. A., Bethel, C., & Sabanović, S. (2024, March). " An Emotional Support Animal, Without the Animal": Design Guidelines for a Social Robot to Address Symptoms of Depression. In *Proceedings of the 2024 ACM/IEEE International Conference on Human-Robot Interaction* (pp. 147-156).

Bennett, C.C., Sabanovic, S., **Stanojevic, C.**, & Piatt, J. (2023). Real-world human-robot interaction data with robotic pets in user homes in the United States and South Korea [Dataset]. *Dryad Repository*. <https://doi.org/10.5061/dryad.tb2rbp078>



Kim, S., Bennett, C., Henkel, Z., Lee, J., **Stanojevic, C.**, Baugus, K., Bethel, C., Piatt, J., Sabanovic, S. (2023). Generative Replay for Multi-Class Modeling of Human Activities via Sensor Data from In-Home Robotic Companion Pets. *Intelligent Service Robotics*. <https://doi.org/10.1007/s11370-023-00496-0>

Lee, J., Bennett, C., **Stanojevic, C.**, Kim, S., Henkel, Z., Baugus, K., Piatt, J., Bethel, C., Sabanovic, S. (2023). Detecting Cultural Identity via Robotic Sensor Data to Understand Differences during Human-Robot Interaction. *Advanced Robotics*, 1-14. <https://doi.org/10.1080/01691864.2023.2277159>

Stanojevic, C., Bennet, C., Henkel, Z., Collins, S., Baugus, K., Piatt, J., Sabanovic, S. (2023). Conceptualizing Socially-Assistive Robots as a Digital Therapeutic Tool in Healthcare. *Frontiers in Digital Health*, 5, 1208350. <https://doi.org/10.3389/fdgth.2023.1208350>

Bennett, C, Sabanovic, S., **Stanojevic, C.**, Henkel, Z., Kim, S., Lee, J., Baugus Henkel, K., Piatt, J., Yu, J., Oh, J., Collins, S., Bethel, C. (2023). Enabling robotic pets to autonomously adapt their own behaviors to enhance therapeutic effects: A data-driven approach. *32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Special session paper. <https://doi.org/10.1109/ro-man57019.2023.10309499>

Dawson, S., **Stanojevic C.**, Lomax, L., McCormick, B., Wheeler, L., Tamas, D., Eminovic, F. (2023). Disability in Southeast Europe: Qualitative Analysis of a Faculty Led Study Abroad Program. *Therapeutic Recreation Journal*. <https://doi.org/10.18666/trj-2023-v57-i3-11887>

Stanojevic, C., Kim, Y., Piatt, J., & Kim, J. (2023). The Inclusive Adaptive Sport Program on a College Campus: Changing the Narrative. *Recreational Sports Journal*, 15588661231156140. <https://doi.org/10.1177/15588661231156140>

Bennett, C., **Stanojevic, C.**, Kim, S., Sabanovic, S., Lee, J., Piatt, J., Yu, J., Oh, J. (2022). Comparison of In-home Robotic Companion Pet Use in South Korea and the United States: A Case Study. Publication in the Proceedings of the 9th IEEE RAS/EMBS *International Conference on Biomedical Robotics and Biomechatronics (BioRob 2022)*. <https://doi.org/10.1109/biorob52689.2022.9925468>

Piatt, J. A., **Stanojevic, C.**, Stanojevic, I. S., Fischer, A. R., & Kim, J. (2022). Attitudes Toward Sexual Wellness for Individuals with Disabilities: Recreational Therapists', Practitioners', and Students' Perspectives. *Therapeutic Recreation Journal*, 56(2), 143-157. <https://doi.org/10.18666/trj-2022-v56-i2-11182>

Piatt, J., Simic Stanojevic, I., **Stanojevic, C.**, Zahl, M., Richmond, M., Herbenick, D. (2022). Sexual Health and Women Living with Spinal Cord Injury: The Unheard Voice. *Frontiers in Rehabilitation Sciences* 3:853647. <https://doi.org/10.3389/fresc.2022.853647>

Stanojevic, C., McIntire, J., Bowen, A., Eldridge, L., Dawson, S., McCormick, B., Tamas, D. (2022). Employing an International Research Collaboration Framework to Pilot Test an Evidence-Based



Recreational Therapy Program. *Therapeutic Recreation Journal*, 56(1), 1-16. <https://doi.org/10.18666/trj-2022-v56-i1-10376>

Dawson, S, McCormick, B., Tamas, D., **Stanojevic, C.**, McIntire, J., Bowen, A., Eldridge, L., McKissock, B. (2022). Equine Assisted Therapy with Autism Spectrum Disorder in Serbia and the US: A Pilot Study Intervention. *Therapeutic Recreation Journal*, 56(1), 17-38. <https://doi.org/10.18666/trj-2022-v56-i1-10387>

McKissock, B., Bowen, A., Dawson, S, McCormick, B., **Stanojevic, C.**, Eldridge, L., McIntire, J., Tamas, D. (2022). Manualized equine-assisted therapy intervention for adolescents & young adults with autism spectrum disorder. *Therapeutic Recreation Journal*, 56(1), 39-54. <https://doi.org/10.18666/trj-2022-v56-i1-10862>

Stanojevic, C., Bennet, C., Piatt, J., Sabanovic, S. (2022). Utilizing Ecological Momentary Assessment Longitudinal Approach and Transtheoretical Model of Behavior Change for In-Home Socially-Assistive Robots. *Human Robot Interactions, IEEE, ACM/IEEE International Conference on Human Robot Interaction*.

Bennet, C., **Stanojevic, C.**, Sabanovic, S., Piatt, A., Kim, S. (2021). When No One is Watching: Ecological Momentary Assessment to Understand Situated Social Robot Use in Healthcare. *In Proceedings of the 9th International Conference on Human-Agent Interaction* (p. 245-251). <https://doi.org/10.1145/3472307.3484670>

Eldridge, L., Nagata, S., Piatt, J., **Stanojevic, C.**, Šabanović, S., Bennet, C., Randall, N. (2021). Utilization of Socially Assistive Robots in Recreational Therapy. *American Journal of Recreation Therapy*, 19(2), 35-45. <https://doi.org/10.5055/ajrt.2021.0234>

Stanojevic, C., Neimeyer, T., Piatt, J. (2021). The complexities of sexual health among adolescents living with autism spectrum disorder. *Sexuality and Disability*, 39(2), 345-356. <https://doi.org/10.1007/s11195-020-09651-2>

Taylor, J., Piatt, J., **Stanojevic, C.**, Crandall, J. (2020). Bingocize beyond the numbers: Motivations and perceptions of a multicomponent health promotion program for older adults living in long-term care. *American Journal of Recreation Therapy*, 19(1), 23-34. <https://doi.org/10.5055/ajrt.2021.0229>

Stanojevic, C., Tamas, D., Krejic, S., Djuric, J., Stanojevic, B. & Miladinovic, M. (2017). Use of the assistive technology while working with young people with multiple disabilities. Education, electronic communication and new technologies. *Thematic collection of papers of the international significance, Drustvo Defektologa Vojvodine - Novi Sad, Serbia*.

REFEREED PUBLICATIONS (IN PROGRESS OR IN REVIEW)

***indicates graduate student coauthor**

Abbott*, N., Stanojevic, C., Zahl, M., Piatt, J. (2024). Understanding the Impact of COVID-19 and Shelter-in-Place Measures on the Well-being of Individuals with Spinal Cord Injury. *The Journal of Spinal Cord Medicine*



Collins*, S., Stanojevic, C., Bennett, C., Henkel, Z., Baugus, K., Piatt, J., Bethel, C., Sabanovic, S. (2024). Ethical, Reliable and Fair Use of AI for Digital Health. *ACM Transactions on Intelligent Systems and Technology*

Zahl, M., Piatt, J., **Stanojevic, C.**, Baker, J., Post, M., Eldridge, L. (2024). Pain management preferences for the spinal cord injury adult: A comparison between the Netherlands and the United States.

Piatt, J., **Stanojevic, C.**, Baker, J., Post, M., Zahl, M., Eldridge, L. (2024). Types of Pain Management Within the Spinal Cord Injury Population: Pharmacological and Non-pharmacological Treatment. *The Journal of Spinal Cord Medicine*

Stanojevic, C., Piatt, J., Allsop, J., Fecske, C., Kim, Y., Kim, Y., Simic-Stanojevic, I., Lee, J. (2024). Perspectives on Clinical Supervision: Recreational Therapy and the Need for Rigorous Clinical Supervision. *The Clinical Supervisor*.

Stanojevic, C., Piatt, J., Sabanovic, S. (2024). Attitudes of Special Educators Towards Use of Socially Assistive Robots for Individuals with Autism Spectrum Disorder in Serbia and the United States. *International Journal of Social Robotics*.

Stanojevic, C., Piatt, J., Sabanovic, S. (2024). Attitudes of Recreational Therapists Towards Use of Socially Assistive Robots for Individuals with Autism Spectrum Disorder in Serbia and the United States. *Journal of Autism and Developmental Disorders*

Piatt, J., Herbenick, D., Clawson, J., **Stanojevic, C.**, & Valentine, C. (2024). Perimenopause and the lack of clinical interventions: A women's perspective.

REFEREED RESEARCH PRESENTATIONS

***indicates graduate student coauthor**

Li*, F., **Stanojevic, C.**, & Gagnon, R. J. (2024). Artificial intelligence in academia: Some upsides, downsides, and unknowns. *The Academy of Leisure Sciences, New Orleans, LA*.

Stanojevic, C., Piatt, J. (2023). Attitudes of Recreational Therapists Working with Individuals with Autism Spectrum Disorder Towards Adoption and Implementation of Socially Assistive Robots. *American Therapeutic Recreation Association, Saint Louis, MI*.

Bennett, C. C., Šabanović, S., **Stanojević, C.**, Henkel, Z., Kim, S., & Lee, J. (2023). Enabling robotic pets to autonomously adapt their own behaviors to enhance therapeutic effects: a data-driven approach. *In IEEE International Conference on Robot and Human Interactive Communication (RoMAN)*.

Stanojevic, C., Piatt, J. (2023). Indulgence vs Restraint: Takeaways from the Cross-Cultural Study Conducted in Serbia and the U.S. *The Academy of Leisure Sciences, New Orleans, LA*.

Piatt, J., **Stanojevic, C.**, Zahl, M. (2022). Social Isolation and Individuals with Spinal Cord Injury During Covid-19 Pandemic. *Academy of Spinal Cord Injury Professionals (ASCIP), Kansas City*.



Stanojevic, C. (2022.) Comparing Pain Management Choices of Individuals with Spinal Cord Injury Living in the Netherlands and the United States. *International Society of Physical and Rehabilitation Medicine, Lisbon, Portugal.*

Stanojevic, C. (2022). The Management of Pain Among Community-Dwelling Adults with a Spinal Cord Injury. Poster presentation at *International Society of Physical and Rehabilitation Medicine, Lisbon, Portugal.*

Bennett, C., **Stanojevic, C.**, Kim, S., Sabanovic, S., Lee, J., Piatt, J., Yu, J., Oh, J. (2022). Comparison of In-home Robotic Companion Pet Use in South Korea and the United States: A Case Study. Poster presentation in the 9th IEEE RAS/EMBS *International Conference on Biomedical Robotics and Biomechatronics (BioRob 2022).*

Stanojevic, C., Piatt, J. (2022). Use of Ecological Momentary Assessment in Recreational Therapy. *Recreational Therapists of Indiana, Elletville, IN.*

Stanojevic, C., Bennet, C., Sabanovic, S., Piatt, A., Kim, S. (2021). When No One is Watching: Ecological Momentary Assessment to Understand Situated Social Robot Use in Healthcare. *The Ninth International Conference on Human-Agent Interaction.*

Stanojevic, C., Simic-Stanojevic, I., Piatt, J. (2021). Recreational Therapy Students' and Practitioners' Perspectives on Sexual Wellness and Disabilities. *American Therapeutic Recreation Association Annual Conference.*

Cordle, J., Bowen, A., Perez, T., **Stanojevic, C.**, McCool, S., Hooker, T., Oudheusden, A. (2021). Graduate Student Panel. *American Therapeutic Recreation Association Annual Conference.*

Kim, Y., Kim, J., Piatt, J., **Stanojevic, C.** (2021). Health matters: Adapted Taekwondo for adolescents and young adults with intellectual and developmental disabilities from parents' perspectives. *16th World Leisure Hybrid Congress.*

Eldridge, L., **Stanojevic, C.**, Piatt, J., Nagata, S., Bennet, C., Sabanovic, S. (2021). Attitudes and Beliefs of Incorporating Social Assistive Robots in Recreation Therapy Practice. *American Therapeutic Recreation Association Annual Conference.*

Simic-Stanojevic, I., Piatt, J., **Stanojevic, C.** (2020). Sexuality and individuals with intellectual disabilities. *Therapeutic Recreation Association Annual Conference.*

Kim, Y., Kim, J., Piatt, J., **Stanojevic, C.** (2020). Health benefits of adapted Taekwondo practice for adolescents with intellectual and developmental disabilities from parents' perspectives. Poster presentation, *Therapeutic Recreation Association Annual Conference.*

Simic Stanojevic, I., **Stanojevic, C.**, Piatt, J. (2020). Sexuality of people with Intellectual Disability. *Therapeutic Recreation Association Annual Conference, Webinar.*

Stanojevic, C. (2020). Leisure and Consumerism. *The Academy of Leisure Sciences, Champagne-Urbana, IL.*



Stanojevic, C., Bouwcamp, C., Davis, E., & Piatt, J. (2019). The impact of adaptive sport on the college experience for disabled veterans. *The School of Public Health Research Day, Indiana University – Bloomington.*

Dawson, S., McCormick, B., Tamas, D., **Stanojevic, C.,** Bowen, A., McIntire, J., Eldridge, L. (2019). Effect of a Manualized Equine Assisted Therapy Intervention for Adolescents & Young Adults with Moderate to Severe Autism Spectrum Disorder in Serbia & U.S.A. *Therapeutic Recreation Association Annual Conference.*

Bowen, A., McIntire, J., Eldridge, L., **Stanojevic, C.,** Dawson, S., McCormick, B., Tamas, B. (2019). International Equine-Assisted Therapy Curriculum – Galloping Towards Success. Poster Presentation at *Therapeutic Recreation Association Annual Conference.*

Stanojevic, C. Piatt, J, Kamendulis, L. Sabanovic, S. (2019). Effects of Socially Assistive Robots on Cortisol Levels of Young Adults with Autism Spectrum Disorder (ASD) – A Pilot Study. *Poster presentation at School of Public Health Research Day, Bloomington, IN.*

Stanojevic, C., Piatt, J, Kamendulis, L. Sabanovic, S. (2019). Effects of Socially Assistive Robots on Cortisol Levels of Young Adults with Autism Spectrum Disorder (ASD) – A Pilot Study. *School of Public Health Research Day, Bloomington, IN.*

Stanojevic, C. (2018). *Structure and goals of a center for a recreational therapy Bradford Woods, IN.* Presented a paper on the science seminar “*Dani Defektologa*” – Belgrade, Serbia.

Stanojevic, C. (2017). *Analysis of implemented EAT activities with adults with ASD.* Presented a paper on the science seminar “*Dani Defektologa*” – Novi Sad, Serbia.

Stanojevic, C., Cebedzic, T. (2008). *Attitudes of teachers and students at typical schools towards inclusion of children with special needs.* Presented a paper on the scientific gathering "U susret inkluziji dileme u teoriji i praksi" – Zlatibor, Serbia.

REVIEWER

Therapeutic Recreation Journal

The Role of Recreational Therapy in Equine-Assisted Services (rejected)

The Use and Application of a Marketing Self-Assessment Tool in Recreation Therapy (rejected)

Journal of Leisure Sciences

Mental health of parents improves recreation and household chores participation of Brazilian children with intellectual disabilities and autism spectrum disorder (rejected)

Disability and Rehabilitation Journal

Employment of young people with mental health conditions: Making it work (published)

Journal of Autism and Developmental Disorders

Experience of parents with autism children receiving therapeutic horseback riding an interpretative phenomenological analysis (rejected)



Neuroimaging endophenotypes of social robotic applications in autism spectrum disorder
(published after major revisions)

Current status of robotic use in people with autism spectrum disorder in the period 2000-2019 from a documentary perspective (rejected)

SCHOLE: A Journal of Leisure Studies and Recreation Education

Online Teaching and Learning: Perspectives of Faculty and Students from the Cyber-Trenches
(published)

IEEE RoMAN

Frictional planes are felt harder through a force display device: The paradoxical nature of tribology (rejected)

FUNDED PROJECTS

Role: Principal Investigator (Awarded Spring 2023)

Internal

CU SUCCEEDS Program 1: The Effect of Socially Assistive Robot-based Intervention on Stress and Stress-Related Biomarkers on College Students Diagnosed with Autism Spectrum Disorder

Clemson University Division of Research Project Initiation/Seed Funding (Faculty SUCCEEDS)

Amount: \$10,000

Investigator List: Stanojevic, C., Dasgupta, S., Bennet, C.

Role: Research Assistant, Co-author (Awarded Spring 2021)

Internal

Evaluation of Ecological Momentary Assessment as a Method to Provide Ground Truth for Machine Learning in Socially Assistive Robot Design

Indiana University Faculty Research Support Program-Seed Funding (FRSP-Seed)

Amount: \$24,195

Investigator List: Sabanovic S., Piatt, J., Bennet, C., Stanojevic, C.

Role: Research Assistant (Awarded Fall 2019)

External

CHS: Collaborative Research: Participatory Design and Evaluation of Socially Assistive Robots for Use in Mental Health Services in Clinics and Patient Homes

National Science Foundation

Amount: \$634,000

Investigator List: Sabanovic, S., Bethel, C., Piatt, J., Bennett C.

Role: Research Assistant, Author (Awarded Fall 2019)

Internal

Effects of Socially Assistive Robots on Cortisol Levels of Young Adults with ASD,

Leisure Research Institute, Indiana University, School of Public Health,

Amount: \$2,992



Investigator list: Piatt, J. (Principal Investigator), Kamendulis, L., Sabanovic, S. & Robinson, B.

Role: Research Assistant (Awarded Spring 2019) **Internal**
Women, sexual health and spinal cord injury: Sexual health as a telemedicine facilitation technique for recreational therapists,
Leisure Research Institute, Indiana University, School of Public Health,
Amount: \$3,200
Investigator list: Piatt, J., Herbenick, D., Knee, E., Valentine, C., & Burton, G

FUNDED PROJECTS – SUBMITTED OR NOT ACCEPTED

Role: Co-Principal Investigator (Submitted Fall 2023) **External**
Collaborative Research: SCH: Combining Robot-Enhanced IOT Systems & Few Shot Learning to Enable AI for Health Conditions without the Need for Massive Datasets
National Science Foundation (23-614) – ISS: Smart and Connected Health
Amount: \$577,939
Investigator List: Bennett, C., Stanojevic, C., Sabanovic, S., Piatt, J.

Role: Principal Investigator (Submitted Spring 2024) **External**
Enhancing Emotional Support for Level 1 Autistic Individuals through Autonomous Activation of Conversational Agents Based on Digital Biomarkers
NIMH Exploratory/Developmental Research Grant (R21 - PA-21-235)
Amount: \$447,291
Investigator List: Stanojevic, C., Bennett, C., Sabanovic, S., Piatt, J.

Role: Principal Investigator (Submitted Summer 2023) **External**
The development of Digital Therapeutic (DTx) tools for individuals with Autism Spectrum Disorder (ASD)
Department of Defense Autism Research Program - Discovery Award
Amount: \$199,960
Investigator List: Stanojevic, C., Bennett, C.

Role: Co-Principal Investigator (Submitted Summer 2023) **External**
The association of social networks on mobility, social isolation, loneliness, and social disconnectedness for those living with SCI/D
Craig H. Nielsen Foundation
Amount: \$299,761
Investigator List: Piatt, J., Cole, S., Green, H., Stanojevic, C., Zahl, M.



- Role: Co-Principal Investigator (Submitted Fall 2022)** **External**
Identifying Psychosocial Dimensions of Sexual Health Among Women Living with a Spinal Cord Injury, Multiple Sclerosis, or Amyotrophic Lateral Sclerosis
PVA Research Foundation Grant
Amount: \$147,457
Investigator List: Piatt, J., Stanojevic, C., Simic Stanojevic, I., Herbenick, D., Zahl, M., Rosenbluth, J.
- Role: Research Assistant, Co-author (Submitted Spring 2022)** **External**
Deinstitutionalization and Community Inclusion: Cross-Cultural Histories and Opportunities for People with Disabilities,
United States of America Embassy – Public Diplomacy
Amount: \$149,999
Investigator List: McCormick, B., Dawson, S., Stanojevic, C.
- Role: Research Assistant, Co-author (Submitted Summer 2021, 2022)** **External**
Identifying psychosocial dimensions of sexual health among women living with a spinal cord injury, multiple sclerosis, or amyotrophic lateral sclerosis
Paralyzed Veterans of America Research Foundation - 2022 Research Project Award (Basic and Clinical)
Amount: \$147,797
Investigator List: Piatt, J., Zahl, M., Richmond, M., A.
- Role: Research Assistant, Co-author (Submitted Spring 2021)** **Internal**
Sexual wellness among women living with a disability
Indiana University Faculty Research Support Program-Seed Funding (FRSP-Seed)
Amount: \$13,606
Investigator List: Piatt, J., Hebernick, D., Stanojevic, C., Simic Stanojevic, I.
- Role: Principal investigator, Author (Submitted Spring 2019)** **Internal**
Effects of Socially Assistive Robots on Cortisol Levels of Young Adults with ASD,
Leisure Research Institute Proposal,
Amount: \$1,822
Investigator list: Piatt, J., Kamendulis, L. & Sabanovic, S.
- Role: Co-Principal Investigator, Author (Submitted Summer 2019)** **External**
Social and physiological effects of manualized equine assisted therapies on young adults with Autism Spectrum Disorder Across Cultures,
Horses and Humans Research Foundation,
Amount: \$49,526
Investigator list: Piatt, J. (Principal Investigator), Kamendulis, L. & Dawson, S.



Role: Research Assistant (Submitted Spring 2019) **External**
Adaptive Outdoor Recreation for Disabled Veterans and Disabled Members of the Armed Forces in Indiana: Supporting Veteran Transitions,
Investigator List: Piatt, J. (Principal Investigator), Kirchner, M.
Amount: \$60,423

Role: Research Assistant (Submitted Fall 2019) **External**
Social and physiological effects of manualized equine assisted therapies on young adults with Autism Spectrum Disorder,
National Institutes of Health – R21
Amount: \$314,182
Investigator List: Shih, P. (Principal Investigator), Piatt, J., Kamendulis, L., Dawson, S.

HONORS AND AWARDS

2023 - NIH Accelerator Program for Early-Stage Investigators, Clemson University

2022 - Outstanding Doctor of Philosophy in Leisure Behavior – School of Public Health, Indiana University

2021 - Deppe Fellowship – School of Public Health, Indiana University

2020 - National Council for Therapeutic Recreation Certification Scholarship

2020 - Lebert H. Weir Doctoral Student Award – School of Public Health, Indiana University

2019, 2020 - Garret G. Eppley Outstanding Accomplishment Scholarship – School of Public Health, Indiana University

2018-2022 - Recreation, Park and Tourism Studies Assistantship – School of Public Health, Indiana University

2019, 2022 - Recreation, Park and Tourism Studies Small Travel Grant Fellowship – School of Public Health, Indiana University

2018 - Department of Recreation, Park and Tourism Studies Fellowship – School of Public Health, Indiana University

INVITED LECTURES

Stanojevic, C. (2023). Digital Health and Digital Therapeutics as the Future of Recreational Therapy. *Class PRM 4260 Trends and Issues in RT, Clemson University*



- Stanojevic, C.** (2023). RT driven interventions: Equine Assisted Therapy. *Class RCTX 4272 Physical Interventions, Recreation Science Department, School of Health and Human Performance, East Carolina University.*
- Stanojevic, C.** (2023). Global Perspectives in RT - International Research Collaboration. Class Foundations in Recreational Therapy. *Recreation Science Department, School of Health and Human Performance, East Carolina University*
- Stanojevic, C.** (2023). Disability, Neurodiversity, Intellectual Disability. *PRTM 3280 Preceptorship in Recreational Therapy, Clemson University.*
- Stanojevic, C.** (2023). Ecological Momentary Assessment and Evidence Based Practices. *Independent University Banja Luka, Bosnia and Herzegovina.*
- Stanojevic, C.** (2022). Rigorous Evaluation of Complementary Treatments. *Tiger Sphere Event: Neurodiversity and Technology, Clemson University*
- Stanojevic, C.** (2022). Using Ecological Momentary Assessments to Establish Evidence Based Practices. *Research Seminar (PRTM 9100), Department of Parks, Recreation and Tourism Management, Clemson University.*
- Stanojevic, C.** (2022). Wheelchair Basketball at Indiana University. *Class RCTH 1102 Inclusive Recreation and Sport Services. Department. College of Public Health, Temple University.*
- Stanojevic, C.** (2022). Global Perspectives in RT - International Research Collaboration. Class Foundations in Recreational Therapy. *Recreation Science Department, School of Health and Human Performance, East Carolina University*
- Stanojevic, C.** (2021). Attitudes of Practitioners who Provide Services to Individuals with Autism Spectrum Disorder Towards Use of Socially Assistive Robots. *Department of Health and Wellness Design Research Colloquium, School of Public Health, Indiana University.*
- Stanojevic, C.** (2021). RT driven interventions: Equine Assisted Therapy. *Class RCTX 4272 Physical Interventions, Recreation Science Department, School of Health and Human Performance, East Carolina University.*
- Stanojevic, C., Neimeyer, T.** (2021). Recreational Therapy: A case for the purposeful use of leisure. *American Psychological Association Webinar Series.*
- Stanojevic, C.** (2021). Equine Assisted Therapy – The Overview. *Class: Implementation and Evaluation in Recreational Therapy Facilitation Techniques and Evaluation, School of Public Health, Indiana University.*
- Stanojevic, C.** (2021). Autism Spectrum Disorder and Leisure. *Class: Foundations of Recreational Therapy, School of Public Health, Indiana University.*
- Stanojevic, C.** (2021). Research Update. *Research Colloquium, Health and Wellness Design, School of Public Health, Indiana University.*



Stanojevic, C. (2019). Recreational Therapy in the United States – Serbia. School of Special Education, University Belgrade – Belgrade, Serbia.

Dawson, S., McCormick, B., Tamas, D., **Stanojevic C.**, & Miller, S. (2019). Effect of a Manualized Equine Assisted Therapy Intervention for Adolescents & Young Adults with Moderate to Severe Autism Spectrum Disorder in Serbia & U.S.A. *Elementary and Secondary Boarding School „Milan Petrovic” Novi Sad – Novi Sad, Serbia.*

Piatt, J. **Stanojevic, C.** (2019). Socially assistive robots: A unique RT intervention. Class: Clinical Neuroscience Class, Department of Psychological and Brain Sciences, Indiana University.

Stanojevic, C. (2019, 2020). Serbia and Intellectual Disability. *Class: Human Rights & Health Class, Russian and Eastern European Institute.*

Stanojevic, C. (2019). The Importance of Research in Field of Recreational Therapy. *Class: Contemporary Issues in Recreational Therapy class. School of Public Health, Indiana University.*

Stanojevic, C., Dawson, S., McInire, J., Eldridge, L., Bowen, A., McCormick, B., Tamas, B. (2019). *International Scientific Collaboration in Recreational Therapy – Challenges and Solutions. ATRA, Webinar.*

Stanojevic, C. (2018). Equine Assisted Therapies as a Recreational and Therapeutic method. *Faculty of Sport at University UNION – Nikola Tesla.*

REFEREED PROFESSIONAL PRESENTATIONS

Stanojevic, C., Milosavljevic A., Micovic, E. & Jakovljevic T. (2016). *EAT Theory and Practice.* Presented a paper on the science seminar “Dani Defektologa” – Belgrade, Serbia.

Stanojevic, C., Milosavljevic, A., Micovic, E. & Jakovljevic T. (2014). *Equine assisted therapies and activities and significance of education.* Presented a paper on the science seminar “Dani Defektologa” – Zlatibor, Serbia.

Stanojevic, C. (2008). *Service centers as a support in development of children with special needs.* Presented a paper on the Second International congress "K.R.I.K." – Zagreb, Croatia.

Stanojevic, C. & Vuca, J. (2007). *Music therapy.* Presented a paper on the Second International congress "ZAJEDNO" – Zagreb, Croatia.

SERVICE

2023-current - Doctoral dissertation committee member Fu Li

2022-2024 - Doctoral dissertation committee member - Derek Whaley

2022- current - Doctoral student adviser – Holly Van Hoose



2022-current - Doctoral dissertation committee member - Arielle Spencer

2024 - Faculty Support for Caravan for Disability Freedom & Justice-Peaches & Palmettos (GA/SC) Tour

2022-2023 - Providing consultation services to master level student from East Carolina University to design a thesis study

2022-current - Developed a collaboration with Clemson Equine Center providing community-based services to individuals involved in Clemson Life.

2022 - Judge on a 3-minute thesis competition – Clemson University

2022 - Consultant to Opioid Response Network (ORN) under Substance Abuse and Mental Health Services Administration (SAMHSA).

2022 - Assistive Technologies and Communication International Conference (ASTEK 2022) – Member of the Scientific Board

2021 - Graduate Representative in search committee Multiple Tenure-Track Faculty Positions at Department of Health and Wellness Design, School of Public Health, Indiana University

2021 - Graduate Representative in search committee for Associate Dean of Research, School of Public Health, Indiana University.

2021 - Design, adaptation, and implementation of lab portion of Recreational Therapy Facilitation Techniques and Evaluation.

2020 - Design, adaptation, and implementation of lab portion of Recreational Therapy Assessment and Planning

2019 - In charge of overseeing the booth logistics at the annual ATRA conference, Reno, NV.

2019 - Developed a syllabus for a Therapeutic Communication and Group Counseling class.

2019-2021 - Helped facilitate an Interprofessional Event (IPE) for the students of allied health professions.

2018 - Developed Recreational Therapy undergraduate student handbook for students in the department of Recreation, Parks and Tourism studies – School of Public Health, Indiana University, Bloomington.

2018 - Assisted in CARTE accreditation process for classes in the department of Recreation, Parks and Tourism studies – School of Public Health, Indiana University, Bloomington.



MENTORING

Clemson University

Mentor and Advisor to Students in Ph.D. Programs

Nikki Abbott (committee chair). In Progress. Ph.D. in Parks, Recreation, and Tourism Management at Clemson University.

Derek Whaley (committee member). 2024. Ph.D. in Parks, Recreation, and Tourism Management at Clemson University. *Understanding the Experiences of Adaptive Intercollegiate Student-Athletes: A Mixed Methods Study*

Fu Li (committee member). In progress. Ph.D. in Parks, Recreation, and Tourism Management at Clemson University.

Holly Van Hoose (committee member). In progress. Ph.D. in Parks, Recreation, and Tourism Management at Clemson University)

Arielle Spencer (committee member). 2024. Ph.D. in Planning, Design, and the Built Environment at School of Architecture. *The Design Processes of Narrative Themed Environments and Their Effect on Accessibility.*

Mentor and Advisor to Undergraduate Students

Lily Gangadeen. In progress. B.S. in Parks, Recreation, and Tourism Management at Clemson University.

Indiana University

Research Mentor to Undergraduate Students (2019-2021)

- Sexual health and females living with SCI: Telemedicine initiatives. Indiana University CeWiT Emerging Scholars Research Experience for Undergraduate Students: Kaitlyn Waldschmidt, Claire Dowell, Margarita Castellanos, Alex Britt
- Sexual health and females living with a spinal cord injury and impact of adapted sport on the college experience
Students: Clara Valentine, Grace Burton
- Loneliness, social isolation and individuals living with spinal cord injury
Students: Jakayilin Aron, Jasmine Tafoya

Research Mentor to Graduate Students (2020-2021)

- Attitudes and Perceptions of ASD Caregivers towards Equine Assisted Therapy
Student: Bailey Robinson
- The examination of non-pharmacologic treatment of pain after spinal cord injury
Student: Joseph Baker



STUDY ABROAD TRIP LEADER

2019, 2022 – Serbia: Co-led Study Abroad Trip: *Disability in Eastern Europe*. Central Michigan University Therapeutic Recreation Program.

2023 – Italy: Accompanying Clemson University’s Men’s Soccer Team

CLINICAL SUPERVISOR

Classes:

- Assessment, Planning, Implementation and Evaluation in Recreational Therapy – Indiana University
- Vocational training of persons with disabilities, School of Medicine – University of Novi Sad
- Supplementary therapies, School of Medicine – University of Novi Sad
- Methods and techniques in working with people with autism, School of Medicine – University of Novi Sad
- Life quality of persons with disabilities, School of Medicine – University of Novi Sad
- Early intervention, School of Medicine – University of Novi Sad
- Assistive technologies, School of Medicine – University of Novi Sad
- Sexuality of persons with disabilities, School of Medicine – University of Novi Sad
- Language disorders in children, School of Medicine – University of Novi Sad

WORKING EXPERIENCE OUTSIDE OF ACADEMIA

Early intervention special educator/rehabilitator in School for Children with Disabilities “Milan Petrovic”, Novi Sad, Serbia (2010 – 2014)

- Designing individual activities for children with special needs, and monitoring and documenting progress
- Creating plans for rehabilitation exercises
- Developing and carrying out equine assisted therapies.

Instructor at daycare for adults with Autism Spectrum Disorder in School for Children with Disabilities “Milan Petrovic”, Novi Sad, Serbia (2014 – 2018)

- Developing and carrying out equine assisted therapies
- Finding the right number of stimuli in sensory room for every individual client and monitoring and documenting progress
- Helping the clients express themselves creatively through creating music on iPads.

Equine Assisted Therapist and Outdoor Instructor at Bradford Woods summer camp (2017)

- Lesson planning



- Horse handling
- Direct involvement with clients with a wide range of disabilities

TRAINING

2013 - Inclusive education, network support, partnership between schools, Jagodina, Serbia.

2012 - Augmentative and alternative communication, Novi Sad, Serbia.

2006 - Cause and repercussion, occurrence and frequency of “Enuresis Nocturno”, Belgrade, Serbia.

2006 - International conference “Multidisciplinary approach in special education and rehabilitation”, Belgrade, Serbia.

BOARD POSITIONS

2014 - 2019 President of NGO for Equine Assisted Therapy *Bucephalus* – Novi Sad

Goals of the organization:

- Conducting EAT in order to improve general wellbeing of participants.
- Informing the public and promoting EAT in Serbia
- Organizing EAT sessions for people with disabilities, socially challenged and marginal groups in order of promoting the ways of preserving their basic human rights
- Organizing support programs for both people with disabilities and their families in order of their affirmation and social integration in the community.

VOLUNTEERING

2023 - Volunteering at Clemson University’s Palmetto Games

2022 - Volunteering at Clemson Life’s Top Soccer program

2020-2022 - WFHB DJ - Volunteer Powered Community Radio Station, Bloomington Indiana

2018-2022 - IU Wheelchair Basketball, Recreational Club Sports – Assistant to the Faculty Advisor, Indiana University, Bloomington, IN

2010-2015 - Helping with organization and production of the biggest Eastern European music festival EXIT, Novi Sad, Serbia

2009 - Helping in a day care for people with cognitive disabilities *Our House*, Belgrade, Serbia

2005 - Program facilitator at European scout gathering – EuroJAM, Chelmsford, UK



