

## Career opportunities after Human Movement Sciences

These slides contain examples of positions held by alumni of the Human Movement Sciences bachelor's program.

Most positions require further education such as the master's degree in Human Movement Sciences or further education in another field.



# Embedded scientist Team DSM

## Research

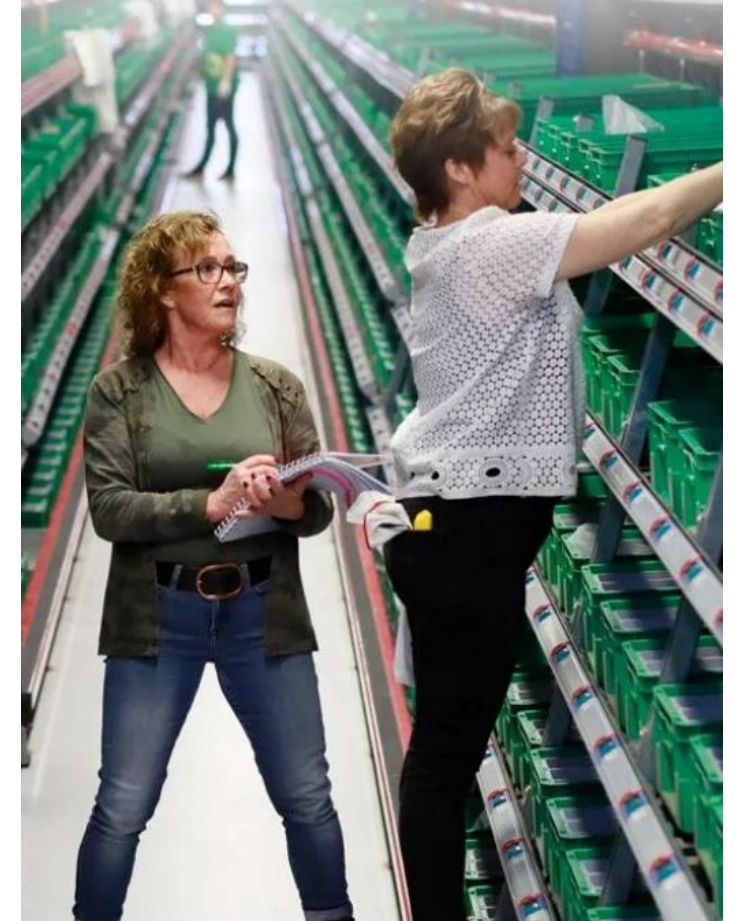
- Team DSM: Dutch cycling team
- Tasks: Collecting data, conducting tests, making analyzes and developing analysis methods



# Consultant office for physical labor

Public sector

- Office for physical work: Sustainable employability for employees performing physical work.
- Tasks: Improving the work environment through adjustments in the work process, working method and work attitude. "Professional labor motor skills".



# Business and data analyst Capgemini

## Business

- Capgemini: Service provider in the field of consultancy, technology, digital transformation and innovation.
- Tasks: Conducting analyses related to customer approaches of the customer service team.



# Founder of Improve Coaching

Sport



Improve Coaching: Training guidance based on science, with a focus on personal attention.

Tasks: Coaching competitive and amateur athletes. Allowing athletes to get the most out of themselves.

# Data scientist Sport Data Valley

## Sport

- Sport Data Valley: Platform for data analysis for sports, exercise and health.
- Tasks: Solving problems addressed by from coaches and researchers in the working field through automatization of processes and building applications using real data.



# Neuropsychologist Erasmus MC

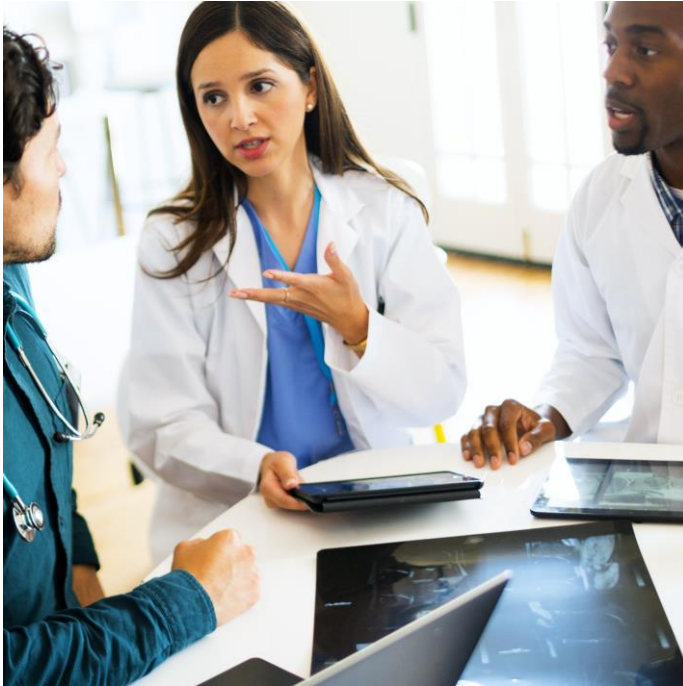
## Psychology

- After BW premaster + master clinical neuropsychology.
- Tasks: Psychological/psychiatric diagnostics. Offer treatments (parent counseling, individual counseling and psycho-education).



# Research coordinator OLVG

Healthcare



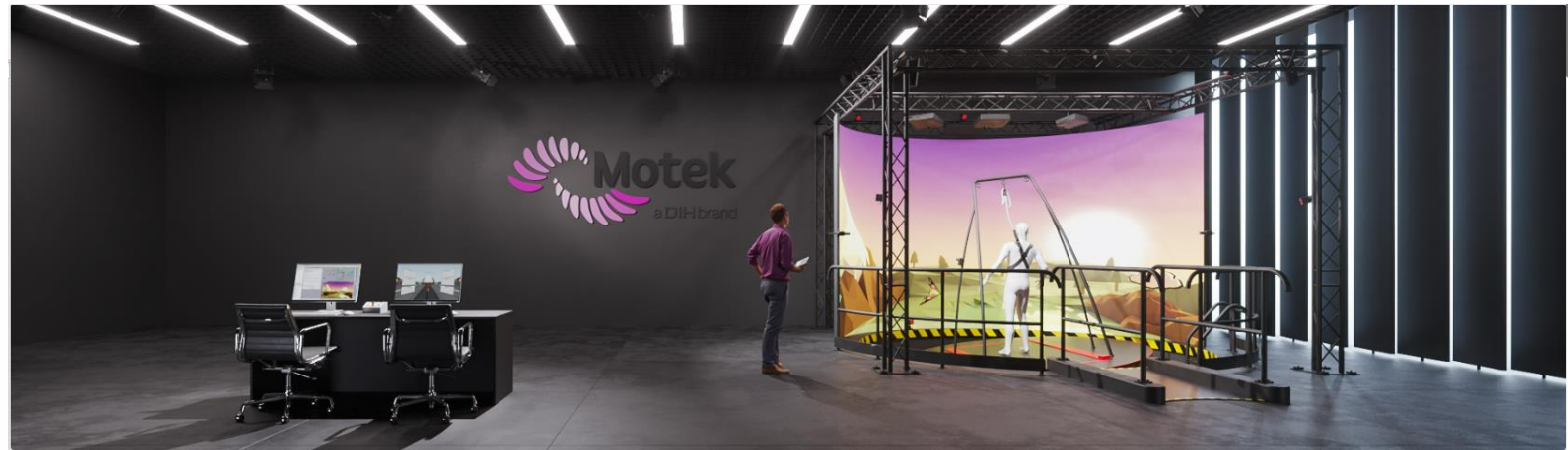
- OLVG: Hospital in Amsterdam
- Tasks: Collecting data, coordinating research and data management.



# Product Manager Motek Medical B.V.

## Research

- Motek Medical B.V.: Development of products and technologies for rehabilitation and research purposes.
- Tasks: Responsible for the development and offering of the products.



# Psychomotor therapist GGZ

(Mental) healthcare

- GGZ: the network association for the mental healthcare sector.
- Tasks: Providing psychomotor therapy for patients with personality disorders, mood swings, anxiety and eating problems.



# Employee NOC\*NSF

Sport

- NOC\*NSF: The NOC\*NSF is a Dutch sports organization with the aim of promoting (top) sport in the Netherlands
- Tasks: Setting up and developing projects that aim to encourage inactive adults to adopt healthy exercise behavior



# Sport Scientist Physiology Sportcenter Papendal

## Sports

- Sports Center Papendal: center for top-level sports and education (TeamNL)
- Tasks: Supporting the top sports programs in the field of physiology. Carrying out exercise tests, interpreting the results and translating them into appropriate advice.



# Human Movement Scientist at the Education- and training center of the Royal Military Police (Koninklijke Marechaussee)

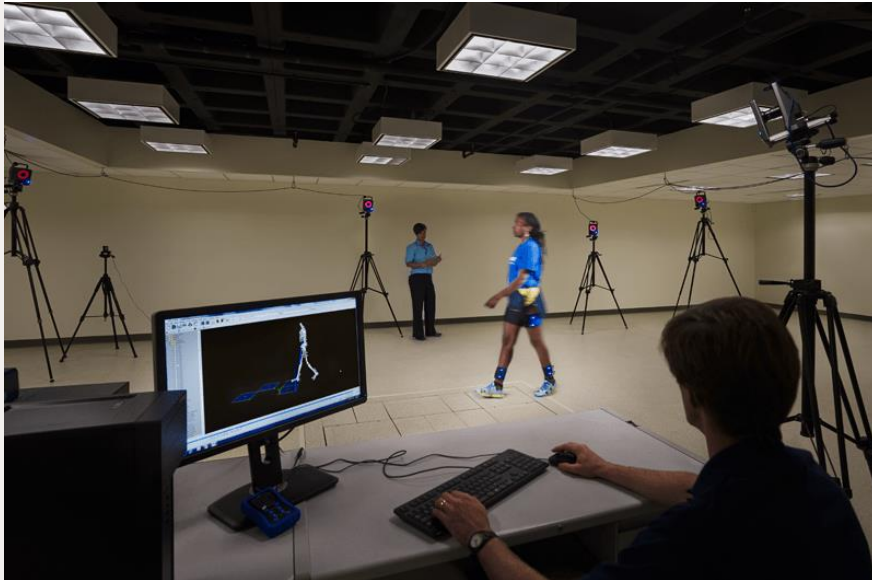
## Military Police

- Education and training Center Royal Marechaussee: The training center of the Military police.
- Tasks: Optimizing the training program driven by data (including load, load capacity, nutrition, training theory).



# Biomechanic at the Laboratory for Gait Analysis

## Research

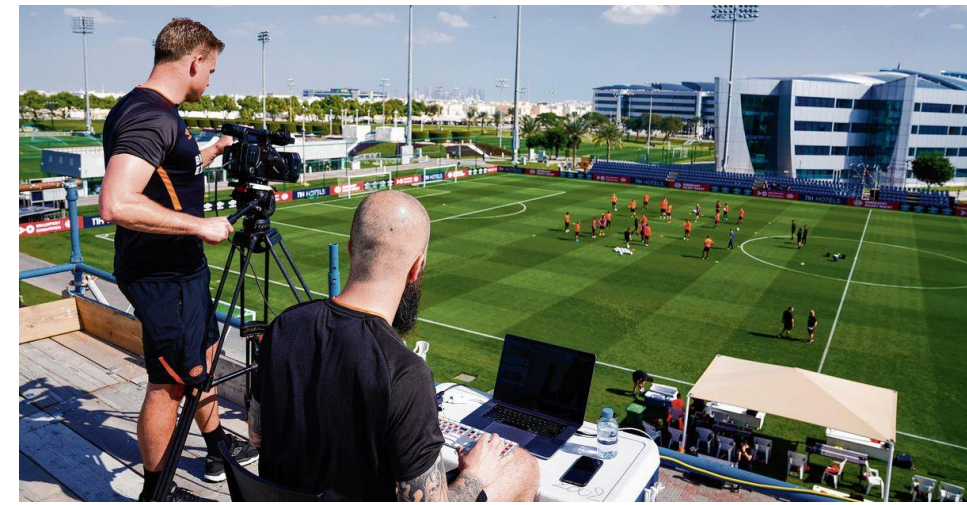


- Laboratory for Gait Analysis:
- Tasks: Gait analyses in patients, scientific research, development and expansion of the gait lab, providing information and demonstrations.

# Video analyst AFC AJAX

Sports

- AFC AJAX: Professional football club from Amsterdam
- Tasks: Filming and coding matches and training sessions, processing video images and data, preparing match analysis of the upcoming opponent



# Exercise physiologist LIFEcenter

## Rehabilitation



- LIFEcenter: lifestyle and exercise physiologic training center that offers specific lifestyle coaching.
- Tasks: Investigates what happens in the body during exercise. Gives advice based on the findings.



## Advisor/sports policy officer at VWS

Government



Ministerie van Volksgezondheid,  
Welzijn en Sport

- VWS: The Ministry of Health, Welfare and Sport
- Tasks: Develop policy on elite sport and international affairs in sport. Advising on grants to sports associations and NOC\*NSF.

# Researcher joint research OLVG

## Rehabilitation

- Joint Research: The research office of orthopedics in the OLVG.
- ESCAPE study: multicenter study on elderly people with meniscus tears.



# PhD candidate TU Delft

## Paralympic sports

- Project WheelPower: Developing a power meter to measure the mechanical power of wheelchair athletes.



# Teacher at the ALO

## Education

- **ALO: Academy of Physical Education**  
Teacher training master Human Movement Sciences
- **Tasks: Professionally competent teacher, teaching the basic principles of Human Movement Sciences.**



# Policy officer Dutch Healthcare Authority (NZA)

## Healthcare

- NZa: The NZa checks whether healthcare providers, health insurers and healthcare administration offices comply with the rules.
- Tasks: Creating policy in health care, specifically about primary care in management regulation.





# Performance coach Wouw Performance Coaching

Sport psychology

- Wouw performance coaching: supporting coaches in applying sports psychological knowledge.
- Tasks: 1-on-1 coaching sessions with coaches to optimize coaching. Organizing workshops and intervision meetings.



# Sport psychologist Medical Sports Center Amsterdam

## Sport psychology

- Medical Sports Center Amsterdam:  
Multidisciplinary medical center
- Tasks: Mapping your personality, situation and ambitions and helping to train skills to achieve the desired behavior.





# Lab manager SOMT University of Physiotherapy

## Research



- SOMT University of Physiotherapy: Education, research and center of expertise
- Tasks: Managing a longitudinal study, contact with the municipality of Amersfoort and companies for research participants, research (PhD) and supervising students

# Data consultant Capgemini

## Business

- Capgemini: Service provider in the field of consultancy, technology, digital transformation and innovation.
- Tasks: Visualizing data for reports and dashboards, for example. Provide advice based on this data.



# Researcher KNVB

## Sports

- KNVB football technical department
- Tasks: Research into broad motor training of football players and the birth month effect in Dutch football.



# Arbo-advisor at ArboUnie Amsterdam

## Ergonomics

- ArboUnie: promotes the vitality and health of working people that make organizations more successful
- Tasks: Giving advice to companies in the field of occupational health and safety, specifically about ergonomics. Carrying out workplace research and risk assessments.



# Employee at the Bureau of Occupational Diseases Foundation - FNV

## Healthcare

- The Bureau of Occupational Diseases Foundation:  
An occupational disease is an illness caused by stress that has mainly taken place during your work.
- Tasks: Investigate whether a client's complaints are caused by work. Reporting the findings. Investigating working conditions



- Mulier Institute: Contributing to well-founded policy, aimed at promoting sport, sporting exercise and strengthening the sports sector.
- Tasks: Participatory research into promoting a healthy lifestyle among children. Investigating institutional racism within academic institutions.

# Policy officer at the Dutch Association for Rheumatology (NVR)

## Healthcare

- NVR: A scientific association for people who are professionally involved in care, education and research for patients with rheumatic diseases.
- Tasks: Organizing scientific meetings and gatherings. Managing the secretariat of NVR. Drafting policy notes.



# Movement expert at weight loss institute My-Lifeslim

## Healthcare

- My-Lifeslim: Lose weight with guidance, in practice or online at home.
- Tasks: Guiding people who want to lose weight, giving nutritional advice and providing information to companies.





# Researcher Jan van Breemen institute

## Rehabilitation

- Jan van Breemen Institute: Rehabilitation center aimed at complaints concerning the posture and locomotor system, aimed at rheumatic disorders.
- Tasks: Conducting (neuro)psychological tests for the intake of chronic pain patients, conducting research with the results of these tests.



# PhD Reflexioning project VUmc

## Research

- Tasks: To test and develop protocols to reduce excessive stretch reflexes through feedback training. The target group is spinal cord injury patients and children with cerebral palsy.



# Teacher-researcher Sport science

## Education

- Anatomy and exercise physiology teacher  
Teacher training master Human Movement Sciences
- Tasks as researcher: Practice-oriented research focused on sport and exercise for adapted target groups such as people with a chronic condition.

# Founder of The Bootcamp Club

Sports



- The Bootcamp Club: A wide range of boot camp classes in various places in the Netherlands.
- Tasks: Organizing bootcamp group lessons. Application of scientifically based theories and methods in sports practice.

# Sport data scientist forward football

Sports



- Forward football: Data-driven company with the goal of improving football performance.
- Tasks: Based on data obtained from different systems, machine learning models and performance parameters are developed. These insights are shared with clubs and coaches.

# Medical educator VUmc

## Education

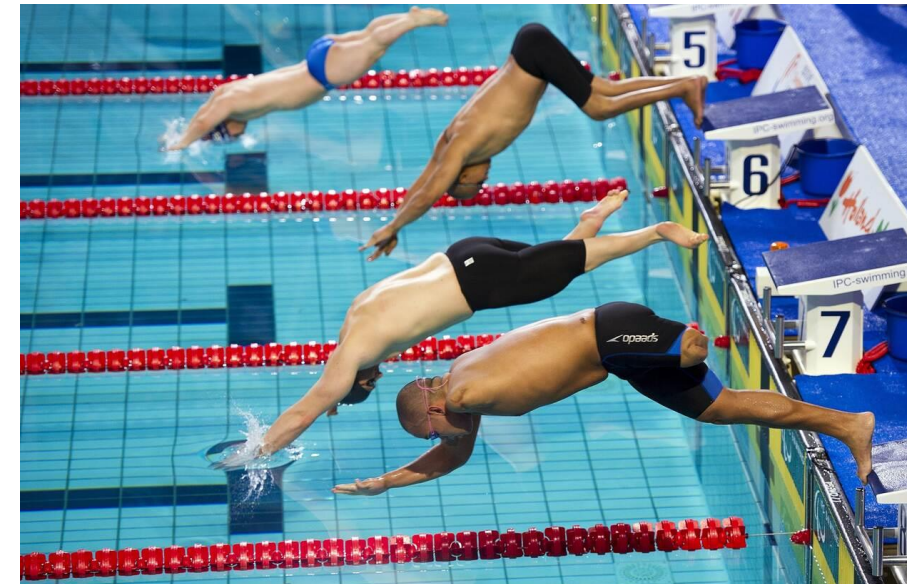
- Education bachelor and master of medicine
- Tasks: Education development, teaching, revising curriculum and policy.



# Embedded scientist at the paralympic swimming team

## Sports

- The goal of an embedded scientist is to support coaches in making their top sports programs even better.
- Closing the gap between science and sports practice.



# Researcher Dutch paramedic institute

## Research

- Paramedical institute: The NPi is the National Knowledge Center for Paramedical Care.
- Tasks: Develop guidelines for occupational therapists, develop registration forms for paramedics, maintain contact with the Dutch Association for Occupational Therapy.





# Editor Topsport Topics

## Journalism

- Top sport Topics wants to promote (top) sport by making new scientific information available to sports practice as quickly as possible and by providing scientifically based answers to questions from the national top sport programs.



REKKEN  
Topsport Topics

## Scientific Employee Trimbos-institute

### Research

- Trimbos Institute: The Trimbos Institute conducts research into mental health and the use of alcohol, tobacco and drugs
- Tasks: Carrying out a survey of smoking and gambling behavior and alcohol and drug use, conducting random checks, issuing questionnaires and processing the results in a final report.



# Scientific project employee NeCeDo

## Research

- NeCeDo: The Netherlands Center for Doping Issues.
- Tasks: Conducting research in the field of doping, providing information, regulations and giving advice.



# Director NBB

## Sports

- NBB: Dutch Basketball Association
- Tasks: Writing notes on the policy of the NBB. Chairing meetings. Preparing board meetings, ensuring the implementation of board decisions. Fulfill management functions.



**NBB**  
NEDERLANDSE  
BASKETBALL BOND

# Data Scientist RIVM

## Research

- RIVM – Food Safety and Nutrition & Health Department
- Tasks: Carrying out data science (such as algorithms/statistics) on large amounts of data related to food and food safety. Example: Estimating how much pesticides preschoolers ingest through their food that can affect their motor nerve cells.



# Teacher at the Haagse Hogeschool – Movement technology

## Education

- Human Movement Sciences Teacher Training
- Tasks: developing and providing education (physiology and anatomy), assessment committee, graduation supervision and coordinator of the minor Nobody Offside (adapted sports)



- TIPAS project: Tailored Injury Prevention in Adapted Sports
- Objective of the project: Reducing the number of injuries due to sports and exercise with a physical disability. By recognizing health problems at an early stage, preventive advice can be given.



# Psychomotor therapist GGMD

## Healthcare

- GGMD: A health care institution with deaf, people with impaired hearing and other hearing problems.
- Tasks: Use of body-oriented and movement-oriented exercises to optimize skills/conditions to enable recovery and/or improve functioning.

