

# Profile

## 1. Personal details

**Name:** Patrick Rump  
**Place:** London, Frankfurt am Main and Berlin  
**Study:** Sport science, sport medicine & pedagogy (magister),  
Johann Wolfgang Goethe-Universität Frankfurt a. M.  
**Job:** Founder of GJUUM



## 2. Experiences with movement learning/parkinson

- GJUUM:
  - Interdisciplinary team of sports scientist, physios, psychologists and ballet coaches offering the expertise of spor-science and medicine for dancers. Companies like the Royal Ballet of London, the English National Ballet, the English National Ballet school, the Latvian National Ballet, the Rumanian National Ballet, Forsythe company and many others all over the world are using GJUUMs services, applying science to optimize their performance
- Already created during his studies training concepts for dancers
- First points of contact with parkinson (while studying):
  - Participation in studies on stochastic resonance therapy under the direction of Prof. Dr. Schmidtbleicher
- Built a rehab and training centre for the dancers with the help of sponsors inside the Opera House in London

## 3. Problems in the context of movement learning/parkinson

- Complexity of movement interventions (patient/customers learn complex movements and rhythms):
  - To what extent can modes of action be specified and quantified?

## 4. Expectation/ideas to the movement academy

- Want to get more information about stochastic resonance therapy for parkinson's patients - are there application-related examples from other areas?

## 5. Change of perspective

- Very interested in the rehab and training centre for dancers, which was built inside the Opera House in London - never heard of that before