



December 1, 2015

***Open Recruitment of  
Assistant Professor / Research Associate  
at the Faculty of Sport Sciences, Waseda University, Japan***

<http://www.waseda.jp/sports/>

*Job Title*

Assistant Professor (without tenure) / Research Associate

*Tasks in Charge and Professional Duties*

These full-time positions are to develop research investigating the mechanics of human skeletal muscles, particularly the relationship between *in vivo* muscle behavior and movement performance in humans. Research projects that are currently being conducted and/or will be conducted in the laboratory include studies investigating the effects of growth, aging, and repetitive muscle contractions (including resistance training) on human skeletal muscle-tendon units.

The main duties are follows;

- 1) To participate in some of the ongoing research projects in the Biodynamics Laboratory (Prof. Yasuo Kawakami, <http://www.f.waseda.jp/ykawa/>) and to help the education of graduate and undergraduate students who belong to the laboratory by leading research activities.
- 2) To propose research projects that can fit the laboratory's research objectives and lead the projects.

*Place of Work*

Tokorozawa Campus, Waseda University, Mikajima 2-579-15, Tokorozawa, Saitama 359-1192, Japan

*Type of Employment*

Full-time (fixed term, up to 2 years)

Initial contract: from and after April 1, 2016 until March 31, 2017.

After this date, the contract will be renewed on a yearly basis by evaluating research outcomes of the applicant during his/her term (up to March 31, 2018).

*Criteria for Applicants*

The applicant must satisfy all the following five criteria at the start date of the employment.

- 1) Has a doctoral degree in exercise and sport science, kinesiology, mechanics, physiology or related fields and experience in research work.
- 2) Highly motivated and cooperative individual with excellent English skills and a strong background in biomechanics and/or exercise physiology. Expertise in ultrasonography (B-mode, doppler & elastography), magnetic resonance imaging, electromyography, and joint kinetics & kinematics of human movement, and measurement techniques involved in voluntary & electrically evoked muscle contractions is preferable (all necessary apparatus is available in the laboratory).



- Sufficient knowledge of basic computer software (Word, Excel, PowerPoint, Matlab, and image analysis software such as ImageJ and Amira) is also desired.
- 3) Has several first author publications in peer reviewed journals in the following fields but not limited to:
    - Neuro-physiological aspects of skeletal muscle contraction in humans
    - Energetics of human muscle contraction
    - Architecture of human skeletal muscles
    - Human body dimensions, composition and functions and their trainability
  - 4) Can be collaboratively involved in research projects for supporting other researchers in the laboratory
  - 5) Does not have any other main work, and can work at least four days a week, and 30 hours a week

#### *Compensation*

Salary: Based on the rules of Waseda University. Bonus for each academic term (spring-summer and fall-winter) and retirement allowance will not be provided.

Commutation expenses: Based on the rules of the University.

Days off: Sundays, New Year holidays, national holidays, the University's own holidays. However, these exclude days on which the University holds classes.

Annual leave: Total days required by the laws and regulations including the Labor Standards Act, plus the days set by the University specifically over the New Year, middle of August, and others.

Social insurance: Employees are entered into employee pension, health insurance, workers' accident compensation insurance, and employment insurance.

#### *Application Deadlines*

December 28, 2015

#### *Date of Employment*

From April 1, 2016 (upon fulfillment of necessary procedures including VISA acquisition). Later starting date is negotiable.

#### *Application Documents*

1. Waseda University Faculty Appointment Curriculum Vitae\* (including education, professional background, research achievements and qualifications) \*Will be sent on request
2. Research plan (free format, clearly specify a research topic)
3. Up to five main first-author publications in peer reviewed journals (in pdf files)
4. Names and contact addresses of three referees well acquainted with the applicant's research work

For inquiries and applications please contact

Yasuo Kawakami, Ph.D.

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*Notes*

- We actively welcome applications from women, according to the intention of the Basic Law for a Gender-Equal Society.
- Waseda University is committed to enhancing the diversity of its faculty in order to promote globalization and gender quality on campus. In all matters related to faculty recruitment and promotion, the University prohibits any form of discrimination on the basis of national origin, gender, creed, or disability.
- The applicant bears transportation fees for any interviews (may be arranged as Skype communication). The format and schedule for any interview is subject to change. It is preferable for the employee(s) to reside in the neighborhood of the Tokorozawa Campus, Waseda University, Japan, after employment begins.