

## SUBMISSION FORM

### University System/Employee Intellectual Property Joint Participation MUSP

This form is to be submitted with any Board of Regents item whereby a campus seeks the approval of an agreement with or arrangement regarding an employee pursuant to 20-25-109 MCA and Regents Policy 407.

When the submission concerns matters of trade secrets or confidential business information, or any other matter entitled to privacy under state or federal law (e.g., the federal statute known as Bayh/Dole) the submitting campus may request consideration of the submission, in whole or in part, in executive session.

The submitting campus should also provide the Commissioner a copy of the contract(s) that form the basis for the cooperative arrangement for which approval is sought. Submission of the contract does not indicate a conclusion that all or part of the contract is a public document and the question of whether it is in whole or in part protected from public disclosure will be evaluated on a case by case basis.

1. Summarize the nature of the intellectual property that was developed by the employee seeking approval. Indicate the sources of funding for the research that resulted in this invention.

**Dr. Santos has developed, with no outside funding, an algorithm for the analysis of human postural control that can be used as part of a software product intended for diagnostic of postural abnormalities in patients suffering from neurological insults (e.g. traumatic brain injury and stroke). Dr. Santos is working to commercialize a software product that contains, in part, this intellectual property protected by UM copyright.**

2. a. Name(s) of the university employee(s) involved.

**Dr. Alessander Danna-dos-Santos, Associate Professor of Physical Therapy**

- b. Name(s) of business entity(ies) involved.

**Synergy Applied Medical and Research Inc.**

3. The university and employee(s) are seeking approval for (check as many as appropriate):
- a. The employee to be awarded equity interest in the business entity.
  - b. The employee to serve as a member of the Incorporated or other governing board of the business entity.
  - c. The employee to accept employment from the business entity.
  - d. Other. Please explain.
4. a. Summarize the nature of the relationship between the university and the business entity (e.g., the entity is licensing the intellectual property from the university, the entity is co-owning the intellectual property with the university).

**The benefits to U of M and the State of Montana arising from the proposed research and activities Synergy Applied Medical and Research Inc are:**

**The first relationship sought will be to allow Synergy Applied Medical and Research to license the balance algorithm developed by Dr. Santos in his position as Professor of Physical Therapy. The licensing agreement will allow Synergy Applied Medical and Research Inc to utilize the algorithm in a larger commercial software product. An option agreement will be executed providing payment for the option to license the algorithm. If Synergy Applied Medical and Research Inc exercises this option royalties from revenue obtained through use of the software product of up to 10% will be paid to U of M.**

**By allowing this University-private sector relationship to be established, intellectual property developed by University faculty can be used to grow a Montana-based company, will set an example for other entrepreneurs from the University looking for opportunities for commercialization of their innovations and creations, and will generate goodwill for University employees and the private sector. The University will incur no net cost by entering into the proposed licensing agreement.**

**It is expected that at some future date additional research by Dr. Santos will be useful to Synergy Applied Medical and Research Inc and that UM will desire additional licensing agreements and obtain additional royalties. While there exist no definitive revenue projections at this time, Dr. Santos is engaged in research to automate collection of data across a network of collaborators which, if successful, would be of great interest to Synergy Applied Medical and Research Inc. The relationship with Synergy Applied Medical and Research Inc brings a new collaboration and many possibilities for copyrights and patents. This is also an opportunity to broaden the research landscape at UM and the region, while providing the potential for economic development and creation of high-tech jobs.**