

**Northwest Missouri State University  
Board of Regents**

**Date of Meeting: October 29, 2009**

Cabinet Member: Douglas Dunham  
MOA

Agenda Item: BIVI-Northwest

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**Background:**

In the fall of 2008, Dean McAdams began discussions with the plant manager at Boehringer Ingelheim Vetmedica, Inc. (BIVI) of St. Joseph to develop a masters degree program in Biology to fit the needs of their staff scientists. BIVI is a multinational corporation whose emphasis in St. Joseph is the research and production of veterinary pharmaceuticals. Representatives of BIVI have agreed to enroll a cohort of 12 – 15 graduate students in Northwest’s existing M.S. in Biology degree program, which is scheduled to begin in January, 2010. Courses will be offered in a variety of methods including traditional face to face instruction on campus, instruction at our St. Joseph Center, online courses, and blended courses.

The concept of tailoring an existing degree to meet a specific niche or corporate need could serve as a model for other programs and is another example of higher education and the private sector working together for the benefit of both parties. This cooperative agreement between Northwest and BIVI is further evidence of our leadership role in graduate education in St. Joseph and throughout the northwest region of Missouri.

This MOA has been reviewed by Board Counsel.

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**Issue:**

I recommend approval

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**President’s Recommendation:**

The President recommends and requests Board approval.

**MEMORANDUM OF AGREEMENT  
BETWEEN  
NORTHWEST MISSOURI STATE UNIVERSITY  
AND  
BOEHRINGER INGELHEIM VETMEDICA, INCORPORATED**

This Agreement is between Northwest Missouri State University (hereafter "NORTHWEST"), a public institution of higher education located in the city of Maryville, state of Missouri, in the United States of America, and Boehringer Ingelheim Vetmedica, Incorporated (hereafter "BIVI"), an animal pharmaceutical manufacturing company located in St. Joseph, Missouri and is for the cooperative purposes hereafter described.

**I. PREAMBLE:**

WHEREAS NORTHWEST and BIVI wish to enter into an Agreement to set forth the intention of the Parties to have NORTHWEST to make available to qualified BIVI employees a Master of Science degree in Biology program.

NOW THEREFORE the Parties agree that NORTHWEST will develop a Master of Science degree in Biology for employees of BIVI subject to the following terms and conditions:

**II. PROGRAM DESCRIPTION:**

1. NORTHWEST will provide an M.S. in Biology curriculum designed to improve the skills of BIVI scientists.
2. The courses for this program have been agreed upon by the leadership of BIVI and are listed in **Exhibit 1**.
3. The schedule of courses is designed for students to begin January 2010 and to complete the degree in August 2011.
4. All BIVI employees who wish to participate in this program must meet regular advertised admission criteria and will be subject to all university policies and regulations as other graduate students unless so stipulated in this agreement.
5. Students will participate in the program as a cohort group. Classes will be offered in a combination the following formats: face to face both on the Maryville campus and Northwest's St. Joseph Center, online, ITV, and blended (combination of face to face and online).

**III. RESPONSIBILITIES OF NORTHWEST:**

1. Deliver the courses as agreed upon in Section II. 2 of this agreement.
2. Provide advising for students in the program as well as other services provided to other graduate students.

**IV. RESPONSIBILITIES OF BIVI:**

1. Provide a cohort of no less than twelve to fifteen (12-15) students who meet admissions criteria for the duration of the program.
2. Allow a senior scientist at BIVI to teach at least one class in the program. Said individual will be hired by NORTHWEST pursuant to its applicable hiring standards and policy and procedures applicable to adjunct instructors.
3. Support and encourage employees to stay in the program sequence and complete the program.

**V. TERM OF AGREEMENT**

1. This Agreement shall be effective January 2010 and shall continue for two years.
2. This Agreement may be terminated by either Party upon ninety days written notice to the other Party, and termination shall be without penalty or liability to the other Party. If termination occurs once a semester begins, the terms of this Agreement will be followed until the end of the semester.
3. This Agreement may be amended at any time by the mutual consent of the Parties.
4. During the final year of the Agreement, the parties shall consult regarding the renewal or renegotiation of the Agreement.
5. Unless otherwise specified in an amendment dealing with a specific cooperative activity pursued under this Agreement, each Party will be responsible for its own expenses incurred in fulfilling the terms of this Agreement.

**VI. CONTACT PERSONS**

The following individuals are designated as points of contact for their respective universities and shall serve as liaison for purposes of initiating and promoting proposals concerning the matters covered herein. These persons or their designees shall also be responsible for the general oversight of the programs subsequently implemented.

For NORTHWEST:

Name: Gregg Dieringer  
Title: Chair, Department of Biological Sciences  
E-mail: [greggd@nwmissouri.edu](mailto:greggd@nwmissouri.edu)

Phone: 660-562-1814

For BIVI:

Name: Bernd Eichenmueller  
Title: Production Director, BIVI  
E-mail: [bernd.eichenmuller@boehringer-ingelheim.com](mailto:bernd.eichenmuller@boehringer-ingelheim.com)

Phone: 816.390.0552

**VII. APPLICABLE LAW**

This Memorandum of Agreement shall be governed by, and construed in accordance with, the laws of the State of Missouri. Any dispute with regard to this Agreement shall be instituted and litigated in the courts of the State of Missouri, County of Nodaway and in no other.

**VIII. EXECUTION**

Having the authority to commit each institution to the purposes and spirit of this Agreement, it is entered into and executed on behalf of each institution as follows:

For Northwest Missouri State University

For Boehringer Ingelheim Vetmedica, Inc.

\_\_\_\_\_  
Dr. John Jasinski  
President

\_\_\_\_\_  
Daniel A. Nowalk  
Executive Director of Human Resources and  
Public Relations

Date: \_\_\_\_\_

Date: \_\_\_\_\_

**Exhibit 1**  
**Curriculum for M.S. in Biology**

**Scholarly Paper Option**

| <b>Semester</b> | <b>Course</b>            | <b>How Offered*</b>                         | <b>Hours</b> |
|-----------------|--------------------------|---|--------------|
| Spring 2010     | Virology                 | At BIVI                                     | 3            |
|                 | Project Management       | St Jo Center, one day/ week evenings        | 3            |
| Summer 2010     | Scholarly Paper          | arranged                                    | 1            |
|                 | Bioethics                | online                                      | 3            |
|                 | Elementary Statistics    | online                                      | 3            |
|                 |                          |   |              |
| Fall 2010       | Immunology w/ Lab        | Lecture online<br>Lab T, TH 4-7 (Northwest) | 4            |
|                 | Bacterial Physiology     | online                                      | 3            |
| Spring 2011     | Molecular Biology w/ Lab | Lecture online<br>Lab W 4-7pm (Northwest)   | 4            |
|                 | Biochemistry             | online                                      | 3            |
| Summer 2011     | Grad Seminar             | Arranged (ITV, St Jo, video conference)     | 1            |
|                 | Scholarly Paper          | arranged                                    | 4            |
|                 |                          | <b>Total Hours</b>                          | <b>32</b>    |

**Thesis Option**

| <b>Semester</b> | <b>Course</b>            | <b>How Offered*</b>                         | <b>Hours</b> |
|-----------------|--------------------------|---|--------------|
| Spring 2010     | Virology                 | At BIVI                                     | 3            |
|                 | Project Management       | St Jo Center, one day/ week evenings        | 3            |
| Summer 2010     | Thesis Research          | arranged                                    | 4            |
|                 | Elementary Statistics    | online                                      | 3            |
|                 |                          |   |              |
| Fall 2010       | Immunology w/ Lab        | Lecture online<br>Lab T, TH 4-7 (Northwest) | 4            |
|                 | Thesis Research          | arranged                                    | 4            |
| Spring 2011     | Molecular Biology w/ Lab | Lecture online<br>Lab W 4-7pm (Northwest)   | 4            |
|                 | Biochemistry             | online                                      | 3            |
| Summer 2011     | Grad Seminar             | Arranged (ITV, St Jo, video conference)     | 1            |
|                 | Thesis                   | arranged                                    | 3            |
|                 |                          | <b>Total Hours</b>                          | <b>32</b>    |

\*Format subject to change