UNIVERSITY OF SASKATCHEWAN
College of Medicine

Admissions-based Combined MD-PhD Program

Application Handbook for Students, Faculty & Staff College of Medicine University of Saskatchewan

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MD-PhD Combined Admissions-based Program Application
College of Medicine, University of Saskatchewan

Name _____
(Surname) (First Name) Initial Maiden Name (if applicable)

SIN _____

Country of Citizenship: _____

Status in Canada (if not Canadian Citizen):
[] Permanent resident [] Student Visa
[] Employment Authorization [] Other

Applications must be Canadian citizens or landed immigrants to Canada, and meet residency requirements for either being a Saskatchewan or out-of-province resident.

Phone #: Work ( ) _____ Home ( ) _____

Cell ( ) _____

E-mail address: _____

Current address: _____

_____

Permanent mailing address (if different from current address):

_____

_____

See Section 2) Requirements for application to the Admissions-based MD-PhD Combined Program.

List all post-secondary degrees obtained (indicating the institution), and those in progress including the expected date of completion.

_____

_____

Please ensure the following documentation is attached:

- A succinct 1 page letter detailing your interest in becoming an MD-PhD student and outlining your career goals as a clinician scientist. A list of publications (published or in press), abstracts, presentations, and relevant academic awards/scholarships can be appended to this letter.
- Two letters of reference from individuals familiar with your research potential.
- Letter of support from a proposed supervisor with a brief conceptual research outline
- Provide original copies of your undergraduate (and graduate if applicable) transcripts.

Signature of Applicant:_____ Date:_____

Send completed application to:

Combined MD-PhD Admissions-based Program
c/o Angela Zoerb
Graduate Program Coordinator
College of Medicine
University of Saskatchewan
2D01 Health Science Building
107 Wiggins Road
Saskatoon SK
S7N 5E5

1. Objectives of the MD/Ph.D. Combined Graduate Program

Overall Objective:

At the University of Saskatchewan, the combined MD-PhD program is intended for interested undergraduate medical students wishing a career as a clinical scientist. Areas of research interest may spread from the molecular to the social/population determinants of health. Students accepted into the combined program will be registered in the College of Medicine undergraduate medical education program and for the duration of PhD studies will be registered in the College of Graduate Studies and Research, enrolled in the Health Sciences PhD graduate program in the College of Medicine, at the University of Saskatchewan.

Specific Objectives:

Each PhD trainee should have at the completion of their degree: 1) good background knowledge in the chosen field of research; 2) the necessary technical skills required for conducting the type of research; and 3) the appropriate attitudes fundamental to do the research and embark upon a career in health research. To meet these objectives the following criteria have been established.

1.1. To meet the criteria of ensuring adequate knowledge in the area of chosen field of study by the student, specific objectives are to:

- Ensure that the trainee has gained sufficient knowledge in the specific research project chosen.
- Determine if the required knowledge around the research methodology necessary to do the specific work has been obtained.
- Determine an understanding of the principles of health research which include the design appraisal and implementation of the study chosen, sufficient knowledge of the appropriate statistics and bioethics associated with the implementation of the study.
- Demonstrate original thought in the chosen area of research.

1.2. To ensure that adequate skill development has been acquired to perform research in the chosen area of study, specific objectives are to:

- Ensure that techniques related to the area of study can be performed competently.
- Ensure that the appropriate experimental design for conducting the specific study whether biomedical, clinical or social/population health in nature has been acquired.
- Ensure that the trainee can design, plan, execute experiments in the chosen field of interest and interpret the results of the study.
- Ensure that the presentation skills have been acquired for effective communication of the research project.
- Be able to write a clear, concise report of the research project suitable for an abstract presentation or a peer-reviewed journal.
- Understand the principles and approach to complete a grant proposal to an externally funded agency in the area of study.
- Develop translational aspects in the chosen area of work so that the clinical relevance is evident and promoted.

1.3. To develop the appropriate attitudes for performing clinically-based scientific research, specific objectives are to:

- Demonstrate inquisitiveness and enthusiasm about the research project.
- Display in-depth knowledge of ethical issues related to research, as performed on human subjects, if applicable.
- Demonstrate in-depth knowledge of the ethical issues related to animal research, if applicable.
- Demonstrate the ability to conduct independent research.
- Demonstrate commitment to objectivity and honesty in the appropriate conduct of the research being done.
- Demonstrate a willingness to challenge and re-examine accepted beliefs in the research area of study.
- Understand and demonstrate the need for life-long learning in the chosen area of interest.
- Show the ability to work effectively with colleagues in those studies involving an inter-disciplinary approach.
- Demonstrate teaching and supervisory skills in your area of research to younger trainees.

2. Requirements for application to the Admissions-based MD-PhD Combined Program

Applicants must:

- Have a grade point average (GPA) of ≥ 80% over the four-year degree
- Have taken and passed the Medical College Admissions Test (MCAT)
- Have a 4 year BSc degree or equivalent completed at the point of starting medical school
- Be landed immigrants to Canada or Canadian citizens, and meet residency requirements for either being a Saskatchewan or out-of-province resident
- Have had some discussion with potential supervisors regarding a proposed project

3. Timelines and procedures for students in the Combined Graduate Program, supervisors, advisory and MD-PhD committees

Below are the suggested timelines and expectations for successful completion of a PhD degree in the Admissions-based Combined MD-PhD Program (Appendix G).

3.1 Before applying to the MD-PhD program:

- Contact the Graduate Program Coordinator the College of Medicine to discuss the Combined Graduate Program.
- Provide a *draft* of the letter detailing your interest in becoming an MD-PhD student and outlining your career goals as a clinical scientist. The College of Medicine will subsequently provide feedback on this letter for your consideration.
- Students are encouraged to be in contact with potential supervisors and develop a two-paragraph conceptual research plan describing their proposed research project.

3.2 Application Process:

- A complete application must include the following documentation.
  - A succinct 1 page letter detailing your interest in becoming an MD-PhD student and outlining your career goals as a clinician scientist. A list of publications (published or in press), abstracts, presentations, and relevant academic awards/scholarships can be appended to this letter.
  - Two letters of reference from individuals familiar with your research potential.
  - A letter of support from the proposed supervisor(s) with a brief conceptual research outline and a proposed student PhD Advisory Committee (RAC).
  - Original copies of your undergraduate (and graduate if applicable) transcripts.

- Submit the full application to the Graduate Program Coordinator in the College of Medicine (see the application form for mailing address)
- After the Multi Mini Interview (MMI) weekend in mid-March, the MD-PhD Committee (MPC) will interview, then rank applicants, and make their recommendations to the Admissions Office for the available three seats in medicine.
- Any applicant accepted into the combined MD-PhD program must have performed in the College's MMI process at a level considered to be acceptable by the Admissions Committee in any given year.
- If an applicant fulfills these requirements, his/her application will be immediately referred to the MPC for consideration.

3.3 Starting Research Project upon acceptance into the MD-PhD program:

- After completing the first two years of medical studies and immediately after acceptance into the combined program, students will apply to the College of Graduate Studies and Research (CGSR) and subsequently register as PhD students in the Health Science Graduate Program of the College of Medicine.
- Acceptance by the College of Medicine into the combined program will ultimately be contingent on successful application to the CGSR.
- During the first year of study in the MD program, students should already have contacted potential supervisors, and communicated with the MD-PhD Committee (MPC) of the College of Medicine (Appendix C) regarding intentions for the research program of studies (Appendix A).
- The student and potential supervisor(s) will submit a proposed research project and a proposed student PhD Advisory Committee (RAC) to the HSC Graduate Program Executive Committee which will approve the student's supervisor(s), student RAC, and research proposal in advance of entry into the PhD portion of the combined program.
- Students in their year 1 of MD studies will participate in the Dean's summer project for undergraduate students under the supervision of their proposed supervisor. A full proposal and literature review for the research project will be developed in the first summer, and submitted to the MPC for feedback. Students must submit their application by the January Dean's summer project submission deadline during year 1 of MD studies.
- All students enrolled in the combined MD-PhD program will conduct their PhD thesis work within the Health Science Graduate Program (HSC) of the College of Medicine (see Appendix B) for program guidelines.
- Students will also be required to follow all policies and procedures of the College of Graduate Studies and Research (http://www.usask.ca/cgsr/for_fac_staff/Policy-and-Procedure-Manual.php) during their enrolment in the Health Science Ph.D. program.
- The MPC will approve the structure and membership of student RACs within the Health Science PhD program for all students in the combined MD-PhD program, and will have final oversight authority over decisions made by the student RAC with respect to student progress in the MD-PhD program the student's supervisory environment, and proposed research project.
- The RAC will be formed during the first year of medical studies and no later than the end of the first summer research period.
- The proposal and the status external scholarship applications will be submitted to the MPC, reviewed, and modified as necessary, then submitted to the RAC in advance of the first RAC meeting in May after the second year of MD studies.
- The proposal will be presented by the student to RAC after completion of year 2 of the MD studies at the time of entry into the PhD portion of the program.
- At the first meeting, the RAC will establish a program of studies, what courses to take, and approve the initial research plan.
- Students receiving external scholarships in excess of $15,000/annum will have their studentship award increased to $25,000/year for the duration of the combined program.

3.4 PhD 0.5 Year in November

- Complete the 0.5 year student RAC meeting. After this meeting, and after each subsequent 6 month interval in the program, a written report evaluating student progress in obtaining external scholarships, coursework, ethics approval and research will be forwarded by the Chair of the RAC to the MPC for approval (see Appendix D).

If the MPC has concerns at this point, or at any subsequent point in the program of studies, either with progress in obtaining external scholarships, coursework or in research, they will meet with the student, student supervisor, and/or student RAC, as necessary, to ensure that appropriate steps are taken to enhance student success in the program.

3.5 PhD- 1 Year in May

- Complete the 1st year student RAC meeting. A student progress report (Appendix C) will be forwarded by the RAC Chair to the MPC for approval.

At this time tangible progress in the research project should be apparent. The student should either have successfully completed the comprehensive examination/qualifying exam or have scheduled the exam.

- The student completes the student's evaluation of the MD-PhD program (Appendix E) and submits to the graduate program coordinator for review by the MPC.

3.6 PhD 1.5 Year in November

- Complete the 1.5 year student RAC meeting. A student progress report will be forwarded by the RAC Chair to the MPC for approval.

At this time significant progress in the research project should be apparent, and student/supervisor(s) should be considering attendance at appropriate scientific conferences for dissemination of research. The comprehensive/qualifying exam should be successfully completed.

3.7 PhD 2 Year in May

- Complete the 2nd year student RAC meeting.
- The student completes the second annual written evaluation of the MD-PhD program and submits to the graduate program coordinator for review by the MPC.

At this time significant progress in the research project should be demonstrated, and the process of publication of research in peer reviewed journal(s) should be initiated.

3.8 PhD 2.5 Year in November

- Complete the end of 2.5 year student RAC meeting. A student progress report will be forwarded by the RAC Chair to the MPC for approval.

All coursework should be completed by this time, and publication of research should be in progress. The student and RAC should determine the dates for submission and defense of the Ph.D. thesis. Permission to write thesis may be considered at this time.

3.9 PhD 3 Year in May

- Complete the end of 3rd year student RAC meeting. The student completes the third annual written evaluation of the MD-PhD program and submits to the graduate program coordinator for review by the MPC.

At this time the student should have written and either defended (or have scheduled a defense of) their Ph.D. thesis and have completed or are making significant progress toward completion of all remaining degree requirements. All degree requirements (eg- thesis corrections, submission of thesis to the College of Graduate Studies and Research etc) should be completed no later than 3 months after completion of the 3 year PhD period of studies.

4. Continuing Research Competencies:

At the time of re-entry into the MD portion of the combined program, the MPC will establish clear guidelines to ensure research and clinical competencies are intertwined throughout the remainder of the seven-year program, with annual reports on ongoing research competency activities forwarded by the student to the MPC.

The MPC will require students to continue attendance at research group seminar series. The continuing research competency guideline will be made by the MPC, at the time of thesis completion, in consultation with the student supervisor and RAC. During the remaining years of MD studies, the MPC will liaise with the director/coordinator of each seminar series as appropriate, and the Undergraduate Medical Education office to ensure students attend designated seminars, and continue research activities as appropriate.

Students will be required to give an annual research or journal club seminar, as appropriate, in a designated format. Students will be required to complete an Evaluation Form for Continuing Research Competencies (Appendix F) and submit to the MPC on an annual basis. The MPC will evaluate student progress in continuing competency. A failure to maintain research competence may result in revocation of Graduate Student tuition status, and resumption of MD student tuition status.

5. Tuition/Financial Assistance/Scholarships:

Students in the MD/PhD program will be given direct financial aid. In summary, each student in the program will be responsible to pay Graduate Programs tuition for each year registered as a Graduate Student. They will pay MD program rates for each year they are registered as an MD Student. During the third and fourth years for their program each MD/PhD student will receive a studentship award, for an amount that is equivalent to the Dean's Scholarship. In the fifth and sixth years the student will receive an award equivalent to one half of a Dean's Scholarship. The Studentship awards from the college will begin at the end of the second year of medical school in May at which point when research activities are initiated.

All successful applicants accepted into MD-PhD Program will be expected to apply to external funding agencies to offset the cost of the studentship award. Students must provide evidence of scholarship applications to the MPC prior to the end of the first year of medical school. If external funding can be achieved, the studentship award will be increased to $25,000 per year (including external funding). If external funding is not received, students will be expected to apply to external funding and provide evidence to the MPC of ongoing application(s) on an annual basis.

Year In Program	Tuition	Award	Activity
MD Year 1	No change	None	Apply for DSP
MD Year 1 – Summer 1	Not Applicable	DSP Award	Dean's Summer Project (DSP)
MD Year 2	MD Tuition	None	
MD Year 1 – Summer	Not Applicable	DSP Award	Dean's Summer Project (DSP)
PhD Year 1	Graduate Program Tuition	College of Medicine Award – equivalent to Dean's Scholarship	PhD Program of Studies – Full Time
PhD Year 2	Graduate Program Tuition	College of Medicine Award – equivalent to Dean's Scholarship	PhD Program of Studies – Full Time
MD Year 3	MD Tuition Graduate Program Tuition (if program not complete)	College of Medicine Award – equivalent to ½ amount of Dean's Scholarship	MD Program Full time Continue & complete Graduate Program Activity (if program not complete)
MD Year 4	MD Tuition Graduate Program Tuition (if program not complete)	College of Medicine Award – equivalent to ½ amount of Dean's Scholarship	MD Program Full time Continue & complete Graduate Program Activity (if program not complete)

6. Re-entry into MD Program

Students re-enter the MD program into year 3 of the program in the fall term as appropriate after completion of the 3 year PhD. At this time, the student will discuss their re-entry into the MD program with the Associate Dean of Undergraduate Medical Education or a delegate. The MPC will establish a protocol (required attendance at seminars, dissemination of research results etc.) through which the student will maintain their research competency through the last 2 years of the MD program. Responsibility for ensuring that research and clinical competencies are intertwined throughout the 7 year combined program will be the responsibility of the MD-PhD committee, of which the Associate Dean Undergraduate is a member.

At the end of 7 years, if the requirements of both programs are met, students will graduate with both MD and PhD degrees.

Appendix A: Criteria for Choosing Graduate Supervisors

1. Potential supervisor must be an approved member of the College of Graduate Studies and Research at the University of Saskatchewan.
2. Potential supervisor should have established research funding that would last (or be deemed by the MPC to have potential to last) through the successful completion by the combined program trainee (three years for PhD training).
3. Potential supervisor must show evidence of research productivity by way of manuscripts, invited presentations etc.
4. Potential supervisor should have a national reputation in the chosen area.
5. Potential supervisor should have experience in supervising graduate students.
6. Potential supervisor should be part of an enriched research environment through which the combined program trainee can associate with journal clubs and seminar series and interact with a critical mass of students, research associates, and trained personnel on a daily basis.
7. Potential supervisor should show an eagerness to promote clinical translational aspects of the chosen field of research.
8. Most importantly, the supervisor must agree to adhere to the terms and conditions required by the combined program (e.g. knowledge development, skill development and development of scientific attitudes need to be acquired by the undergraduate medical student during Ph.D. program) for the proposed research.

Appendix B: HSc Program Handbook (Pending Completion)

Appendix C: **MD-PhD Committee Terms of Reference**

Objectives:
To provide operational oversight over the Admissions-based MD-PhD Combined Program.

Composition:
- Vice Dean Research - *Chair*
- Associate Dean Undergraduate Medical Education (or designate)
- Director of Admissions, College of Medicine (or designate)
- Graduate Program Coordinator
- 1 Medical Student enrolled in the MD-PhD Program (*initially a Medical Student not in the program)
- 2 Clinical Faculty members who hold PhD degrees and are active researchers
- 1 Biomedical Faculty member who is an active researcher
- 1 Faculty member involved in community health or epidemiological research

Appointment/Term of Office:
1. Membership by virtue of administrative position
2. The chairperson shall be the Associate Dean of Biomedical Sciences and Graduate Studies, and the co-Chair shall be the Dean of Research.
3. The student member holds the position for 1 year, renewable for a second year
4. Faculty are appointed for a 3 year term, renewable thereafter on an annual basis.

Duties:
1. To approve and execute the operational policies and procedures of the Program.
2. To review all applications to the Program and provide a ranked list of applicants to the Admissions Committee.
3. To approve the composition of all student supervisory committees in the Health Sciences Graduate Program
4. To review the progress of all students in the PhD portion of the program on a semi-annual basis, or as required.
5. To review the progress of all students with respect to securing external scholarship funding.
6. To provide a protocol for students to maintain their research competency during the last 2 or 3 years of medical study, and to review progress in this regard on an annual basis.

Quorum:
Attendance by the Chair or co-chair, and at minimum the Associate Dean and/or the Director of Admissions or their designate(s), and at least 2 members from the list of faculty and students

Minutes:
1. Minutes of all meetings shall be recorded and kept on file in the MD/PhD Programs Office.
2. The minutes shall be available to all committee members.
3. Any information deemed to be confidential in nature (i.e. student health or personal issues) shall be handled and stored in a secure manner in the Dean's office.

Reports:
The Chair shall report to the College of Medicine Council, and to the Dean of the College of Medicine as required.

Appendix D: <u>Progress Evaluation Form for Students in the Combined MD-PhD Program</u>

(To be completed by supervisor and Ph.D. Advisory Committee (RAC) every six months. The Chair of the RAC is asked to forward the evaluation form to the MD-PhD Committee (MPC).

Student _____
Date _____
Evaluation Session (i.e. 6 months, 12 months, etc.) _____
Thesis Title _____

Please provide an assessment of the student's ability in the following:

	Too early to evaluate	Failing to make progress	Modest progress noted	Making acceptable progress	Outstanding Performance
<u>Knowledge</u>					
➢ Demonstrates original thought related to research area	□	□	□	□	□
➢ Gained sufficient knowledge of the rationale, relevance and importance of their project	□	□	□	□	□
➢ Can answer questions regarding research area appropriately	□	□	□	□	□
➢ Gained understanding of the principles of biostatistics necessary to the study	□	□	□	□	□
➢ Gained understanding of the principles of bioethics relevant to the study	□	□	□	□	□
➢ Gained understanding of the principles of research design for the research project	□	□	□	□	□
➢ Gained understanding of the relevant research methodology for the study	□	□	□	□	□
➢ Gained understanding of clinical trial methodology	□	□	□	□	□
<u>Skills</u>					
➢ Demonstrates the ability to plan, design and execute suitable experiments	□	□	□	□	□
➢ Demonstrates the ability to interpret experimental results appropriately	□	□	□	□	□
➢ Understands the experimental design relevant to the study	□	□	□	□	□
➢ Shows technical competence in the techniques required to pursue the designated areas of research	□	□	□	□	□
➢ Demonstrates appreciation/importance of the translational aspects of the research project	□	□	□	□	□
➢ Is able to present research results in a formal setting	□	□	□	□	□
➢ Is able to prepare an abstract based on research findings	□	□	□	□	□
➢ Is able to prepare a manuscript based on research findings	□	□	□	□	□
➢ Shows understanding of the principles underlying a grant submission to an external agency	□	□	□	□	□

Attitudes

➢ Shows a constant spirit of inquiry	□	□	□	□	□
➢ Demonstrates objectivity and honesty about conducting research	□	□	□	□	□
➢ Is able to conduct research independently	□	□	□	□	□
➢ Is open-minded about research area	□	□	□	□	□
➢ Demonstrates behavior consistent with a long-term commitment to learning	□	□	□	□	□
➢ Develops lines of research inquiry based on clinical training	□	□	□	□	□
➢ In team settings, can work effectively with colleagues	□	□	□	□	□
➢ Shows supervisory/teaching capacity to fellow researchers	□	□	□	□	□

Additional comments regarding the student's knowledge skills and attitudes:

A) Courses Completed and Grades:

1. _____ _____
2. _____ _____
3. _____ _____
4. _____ _____

Any additional courses required? If yes, please itemize, indicating their anticipated completion dates.

B) Publication Status - Provide Citations of Publications:

i) Peer-reviewed papers, published/accepted/submitted; ii) Abstracts of conference proceedings published, submitted and iii) Seminar presentations

C) Student Funding:

List all scholarship applications that are submitted:

External Award	Agency	Approved/Pending/ Disapproved: (If pending, indicate the anticipated result date)	Yearly Amount:	Duration of Award:

D) Discuss research progress over the last months since the last meeting.

□ Failed to make progress □ Modest progress □ Modest progress □ Making acceptable progress □ Outstanding progress

Elaborate on the student's strengths and areas for improvement:

E) Expected completion date of the project, including thesis preparation: _____

Is the student on course to meet this deadline? Please elaborate.

I/we have discussed and reviewed the assessment with the student

Student Signature: _____ Date: _____

Supervisor Signature: _____ Date: _____

Appendix E: <u>Student's Evaluation Form for the Combined MD-PhD Program</u>

(to be completed by the student and forwarded to the Associate Dean of Biomedical Sciences and Graduate Studies for review by the MD-PhD Committee (MPC))

Name _____
Date _____
Evaluation Session (i.e. 1 year, 2 years, etc.) _____

Background Information

A) Research Group Affiliation (e.g. SPHERU, PRISM, Neurosciences, Imaging, TCR, other, etc.)

_____

B) Graduate Status:

Time elapsed in program (e.g. 6 months etc.): _____

Expected date of completion: _____

Number of courses remaining to complete: _____

Completed comprehensive/qualifying exam: _____
(yes or no- if no indicate anticipated date of exam)

Graduate Courses

Courses offered were relevant to your research and complemented your curriculum:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Required courses were easily accessible:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

The overall quality of courses was:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Student Funding

List all scholarship applications that are submitted:

External Award	Agency	Approved/Pending/ Disapproved: (If pending, indicate the anticipated result date)	Yearly Amount:	Duration of Award:

Publications

Total number of publications during your graduate program:

	Completed	In Progress
Articles in peer-reviewed journals	_____	_____
Chapters in Books	_____	_____
Abstracts published in refereed conference proceedings	_____	_____
Abstracts and/or papers presented	_____	_____
Technical writings/reports	_____	_____
Patents	_____	_____
Other (appropriate to the discipline)	_____	_____

Please use the following 5-point scale to evaluate the criteria listed on Research Program, Supervisor and Advisory Committee

1 – inadequate
2 – below expectations
3 – met expectations
4 – exceeded expectations
5 – not able to assess

The Research Program

- Admission and degree requirements were clear _____
- Student matching to supervisor was appropriate _____
- Clearly defined and disseminated policies and procedures _____
- Enthusiastic environment for learning _____
- Interdisciplinary research environment was facilitated _____
- A sense of research community was provided _____
- Student research needs were met _____
- Associate Dean Graduate Studies was approachable for discussion.
- Director Health Sciences Graduate Program was accessible for discussion _____

What were the major advantages (research, courses, etc.) provided by the Health Sciences Program?

What were the major disadvantages encountered in the Health Sciences Program?

Additional comments related to Research:

The Supervisor

- Stimulated learning _____
- Encouraged independent, original thought _____
- Assisted in the development of your required research methodology _____
- Helped develop competence in clinical and laboratory techniques _____
- Was available for discussion _____
- Was approachable for discussion _____
- Encouraged appropriate independence in conducting research _____
- Provided feedback of written material in a timely manner (e.g. abstracts, paper thesis) _____
- Provided opportunities for research presentations and meeting leading scholars in your area of research _____
- Helped improve your technical skills _____
- Provided direction and feedback _____
- Provided quality informal day-to-day teaching _____
- Established path and timetable for completion of research and thesis preparation _____
- Discussed any arrangements for enhanced student funding _____
- Ensured appropriate continuing supervision during his/her absence _____
- Provided a good role model as a researcher _____
- Provided a good role model as a teacher _____
- Discussed future career developments _____

Overall, your supervisor's performance was:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Program and degree requirements were clear:

☐ Excellent ☐ Very Good ☐ Good ☐ Fair ☐ Poor

Describe how your Research Supervisor contributed (or did not) to your overall learning:

Describe how your student PhD Advisory Committee (RAC) contributed to your research success:

Describe whether you received useful feedback on progress in research/courses by your supervisor:

Additional comments regarding your supervisor:

PhD Advisory Committee (RAC)

- Composed of appropriate members with expertise in thesis topic _____
- Met regularly _____
- Provided clearly defined evaluation of your progress _____
- Members were accessible on an informal basis _____

Additional comments regarding your RAC:

Outcome

Which career path do you intend to follow after the completion of the Combined Graduate MD/Ph.D. program?

Appendix F: <u>Evaluation Form for Continuing Research Competencies</u>

(To be completed by students who have re-entered into the MD portion of the combined MD-PhD Progra*m* on an annual basis for approval by MPC)

Student _____

Date _____

Evaluation Session (i.e. MD Year 2, 3, 4, etc.) _____

Please complete the following table including all seminars, workshops and conferences attended during the year:

Date	Name of Event	Posters or Presentations if applicable	Additional Notes

Please list all publications for the year:

Publications (include articles, abstracts and book chapters)	Publication Date	Publication Status

Outline other research activities (including clerkships):

Appendix G: MD-PhD Combined Program Timelines Flowchart