

## **The annual evaluation of the Individual Study Plan for PhD students at the Department of Biochemistry and Biophysics**

Every year no later than January 31, the PhD student and her/his supervisor shall submit the form on the following pages to the secretariat. This is needed as there is a requirement in the Higher Education Ordinance (*Högskoleförordningen*) for an annual follow-up of the Individual Study Plan. The process we have at DBB is as simple as it can be.

The form consists of two parts, the first is the rather straightforward form, which is the same as we used for some years now. The second however is new. This is a result of the need to make sure that our PhD programs result in fulfilling the Learning Outcomes that are stated in the Higher Education Ordinance.

The student and the supervisor should together reflect on which of these outcomes have been reached during the past year. Some examples:

1. The Research Plan that should be submitted after year one should be regarded as relating to the first outcome. Therefore "Research Plan" should be written in the text box below the outcome text. But this can also be regarded to relate to the second outcome of *Competence and Skills*.
2. Participating in an International Congress with a poster relates to of Outcome 4 of *Competence and Skills*. That would also be the case of a publication.

When you write in the textbox, you should begin with a Year, e.g. "2014 Participated in Conference on XYZ with a poster". You should save the Form so that next year the same text box will read: "2014 Participated in Conference on XYZ with a poster. 2015 Publication in Nature".

Hopefully, when the thesis is defended all outcomes will have at least one item in the text box.

It should also be stressed that it is the joint responsibility of the PhD student and her/his supervisor to make sure that both parts of the evaluation is handed in to the secretariat before the end of January every year.

### Annual evaluation of Individual Study plan in the PhD program

<i>Student:</i>	<i>Supervisor:</i>	<i>Assistant supervisor:</i>
<i>Total number of credits:</i>	<i>Number of publications</i>	
	<i>Accepted:</i>	<i>Submitted:      Manus./drafts:</i>
<i>Accomplishments last year (20 )</i> <i>Scientific:</i>		<i>Comments:</i>
<i>Courses/credits:</i>		
<i>Planned activities this year</i> <i>Scientific:</i>		<i>Courses/credits:</i>
<i>Do you plan to change the dissertation date?    No    Yes    New date:</i> <i>Reason:</i>		
<i>Date:</i>		
<i>Signatures:</i>		
<i>PhD student</i>	<i>Supervisor</i>	<i>Assistant supervisor</i>

The completed and signed form should be submitted to the secretariat before January 31 every year after the year of the 1<sup>st</sup> Checkpoint.

Lärandemål för utbildningen på forskarnivå vid Institutionen för biokemi och biofysik/ *Learning outcome for the PhD program at the Department of Biochemistry and Biophysics*

## **Mål Kunskap och förståelse/ *Knowledge and understanding***

För doktorsexamen ska doktoranden/ *For the Degree of Doctor the PhD student shall*

- visa brett kunnande inom och en systematisk förståelse av forskningsområdet samt djup och aktuell specialistkunskap inom en avgränsad del av forskningsområdet/*demonstrate broad knowledge and systematic understanding of the research field as well as advanced and up-to-date specialised knowledge in a limited area of this field*
  
- visa förtrogenhet med vetenskaplig metodik i allmänhet och med det specifika forskningsområdets metoder i synnerhet/*demonstrate familiarity with research methodology in general and the methods of the specific field of research in particular*

## **Färdighet och förmåga/Competence and skills**

För doktorsexamen ska doktoranden/*For the Degree of Doctor the PhD student shall*

- visa förmåga till vetenskaplig analys och syntes samt till självständig kritisk granskning och bedömning av nya och komplexa företeelser, frågeställningar och situationer/*demonstrate the capacity for scholarly analysis and synthesis as well to review and assess new and complex phenomena, issues and situations autonomously and critically*
  
- visa förmåga att kritiskt, självständigt, kreativt och med vetenskaplig noggrannhet identifiera och formulera frågeställningar samt att planera och med adekvata metoder bedriva forskning och andra kvalificerade uppgifter inom givna tidsramar och att granska och värdera sådant arbete/*demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively, and to plan and use appropriate methods to undertake research and other qualified tasks within predetermined time frames and to review and evaluate such work*

- med en avhandling visa sin förmåga att genom egen forskning väsentligt bidra till kunskapsutvecklingen/*demonstrate through a dissertation the ability to make a significant contribution to the formation of knowledge through his or her own research*
  
- visa förmåga att i såväl nationella som internationella sammanhang muntligt och skriftligt med auktoritet presentera och diskutera forskning och forskningsresultat i dialog med vetenskapssamhället och samhället i övrigt/*demonstrate the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general*
  
- visa förmåga att identifiera behov av ytterligare kunskap/*demonstrate the ability to identify the need for further knowledge*

- visa förutsättningar för att såväl inom forskning och utbildning som i andra kvalificerade professionella sammanhang bidra till samhällets utveckling och stödja andras lärande/*demonstrate the capacity to contribute to social development and support the learning of others both through research and education and in some other qualified professional capacity*

## **Värderingsförmåga och förhållningssätt/*Judgement and approach***

För doktorsexamen ska doktoranden/ *For the Degree of Doctor the PhD student shall*

- visa intellektuell självständighet och vetenskaplig redlighet samt förmåga att göra forskningsetiska bedömningar/*demonstrate intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics*

- visa fördjupad insikt om vetenskapens möjligheter och begränsningar, dess roll i samhället och människors ansvar för hur den används/*demonstrate specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used*

## Signatures:

---

PhD Student

---

Supervisor