

UNIVERZITA KARLOVA
FAKULTA SOCIÁLNÍCH VĚD

**roční hodnocení plnění individuálního studijního plánu
studenta doktorského studijního programu**

za akademický rok 2019/2020

ID plánu 17498

Student

Jméno	Mgr. Ing. Kseniya Bortnikova
E-mail	55500489@fsv.cuni.cz
Fakulta	Fakulta sociálních věd
Studijní program	Economics and Finance (P0311D050002)
Standardní délka studia (počet let)	4
Forma studia	prezenční
Datum zahájení doktorského studia	23.09.2019

**Garant studijního programu
a předseda oborové rady**

Jméno **prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.**

Školitel

Jméno **doc. PhDr. Tomáš Havránek, Ph.D.**
E-mail **tomas.havranek@ies-prague.org**
Katedra / ústav **Institút ekonomických studií (23-IES)**

Disertační práce

Název práce

The economics of beauty effect

Postup v přípravě disertační práce

Since the first study of the beauty effect by Hamermesh and Biddle (1994), numerous research publications have found that good-looking workers earn 5 to 20 percent more than their less good-looking colleagues. Most recent studies, however, suggest that beauty premium is often context-dependent (Deryugina, 2014; Hernandez-Julian, 2017; Kanazawa, 2018). Heterogeneity in the results of different empirical papers remains one of the major issues in determining the role of physical attractiveness in economics. Moreover, research on the beauty effect faces several challenges. First, there is no agreement on the source of labor outcome differentials between attractive and less attractive individuals. Possible explanations of why the beauty premium might exist in the labor market are employer discrimination, differences in productivity, and occupational sorting. Second, it is hard to define individual's beauty precisely. Although it has been shown that there is an agreement on beauty standards within a culture at a point in time (Hamermesh and Biddle, 1994), many studies use small numbers of evaluators or photos of varying quality to generate attractiveness measures, which can lead to biases.

The dissertation aims to investigate the role of beauty in the labor market in order to provide a further empirical analysis of the beauty premium phenomenon. Particular emphasis is placed on the application of modern meta-regression methods (namely, model averaging techniques and alternative methods of testing for publication bias) and machine learning techniques.

The dissertation will consist of three essays. The first essay will be based on my diploma thesis entitled "Beauty and Productivity: a Meta-Analysis". I will extend the conducted quantitative survey by using the additional method for identification publication bias (proposed by Andrew and Kasy (2019)), coding extra variables and performing supplementary analysis of the recent data. The second essay will focus on the effect of physical attractiveness for the specific occupation. Using data from a homogenous group of workers will allow to distinguish productivity-enhancing channel of beauty from other sources. To mitigate potential bias in beauty ratings, I would like to use a machine learning approach. Face recognition will be accomplished by using the pre-trained Convolutional Neural Network proposed by Wen (2016), and attractiveness prediction will be achieved by transfer learning. The third essay will be aimed at examining the issue of gender differentials of beauty effect and its role for the gender wage gap.

Selective list of references:

Andrews, I. & M. Kasy (2019): "Identification of and Correction for Publication Bias." American Economic Review (forthcoming).
Deryugina, T. and Shurchkov, O. (2015). Now you see it, now you don't: The vanishing beauty premium. Journal of Economic Behavior and Organization, 116, pp.331-345.

Hamermesh, D. and Biddle, J. (1994). Beauty and the Labor Market. American Economic Review, vol 84, Dec. 1994, pp 1174-1194.

Harper, B. (2000). Beauty, Stature and the Labour Market: A British Cohort Study. Oxford Bulletin of Economics and Statistics, 62(s1), pp.771-800.

Hernandez-Julian, R. & C. Peters (2017): "Student appearance and academic performance." Journal of Human Capital 11(2): pp. 247-262.

Mobius, M. and Rosenblat, T., Why Beauty Matters. American Economic Review, 2006.

Paphawasit and Fidrmuc (2017): "Beautiful Minds: The Impact of Beauty on Research Productivity in Economics." Working Paper.

Wen, Y., Zhang, K., Li, Z., and Qiao, Y. (2016). A discriminative feature learning approach for deep face recognition. In Leibe, B., Matas, J., Sebe, N., and Welling, M., editors, Computer Vision – ECCV 2016, pages 499–515, Cham. Springer International Publishing.

The form and scope of the dissertation:

The dissertation will have between 150 and 200 standard pages.

Time schedule of progress on the dissertation:

1st year of study:

Work on the first dissertation article with an expected title "Beauty and Productivity: a Meta-Analysis".

2nd year of study:

Data collecting and work on the second dissertation article with an expected title "Beauty and Productivity: One Specific Occupation Study".

3rd year of study:

Completion of the dissertation with the third article.

4th year of study:

Finishing, Pre-defense, and Defense of the dissertation.

Roční komentář k postupu v přípravě disertační práce
Státní doktorská zkouška a obhajoba disertační práce

Typ	Název, podrobnosti	Splněno dle SIS	Komentář ročního hodnocení
Obhajoba disertační práce	Obhajoba disertační práce	---	---
Státní doktorská zkouška	Státní doktorská zkouška	---	---

Průběh studia

Scheduled date of the state doctoral examination: November 2021
 Scheduled date of the pre-defense: November 2022
 Scheduled date of the defense of the dissertation: May 2023

Povinnosti - studijní plán

Typ	Kód	Název, podrobnosti	Ak. rok	Plnění dle studenta	Splněno dle SIS	Komentář ročního hodnocení	Rok vložení
Předmět	JED511	Teaching Assistantship (Full) A	2019/2020	splnil	21.05.2020 12:05	TA in JEM013 (Game Theory).	2019/2020
*Předmět	JED621	Teaching Assistantship (Half) B	2019/2020	---	---	<i>Incorrectly recorded course in the summer semester</i>	2019/2020
Předmět	JED414	Quantitative Methods in Macroeconomics and Finance I	2019/2020	splnil	05.02.2020 12:02	Course requirements fulfilled.	2019/2020
Předmět	JED415	Quantitative Methods in Macroeconomics and Finance II	2019/2020	splnil	22.05.2020 12:05	Course requirements fulfilled.	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2020/2021	---	---	---	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2020/2021	---	---	---	2019/2020
Předmět	JED414	Quantitative Methods in Macroeconomics and Finance I	2020/2021	---	---	---	2019/2020
Předmět	JED415	Quantitative Methods in Macroeconomics and Finance II	2020/2021	---	---	---	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2021/2022	---	---	---	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2021/2022	---	---	---	2019/2020
Předmět	JED414	Quantitative Methods in Macroeconomics and Finance I	2021/2022	---	---	---	2019/2020
Předmět	JED415	Quantitative Methods in Macroeconomics and Finance II	2021/2022	---	---	---	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2022/2023	---	---	---	2019/2020
Předmět	JED511	Teaching Assistantship (Full) A	2022/2023	---	---	---	2019/2020
Předmět	JED414	Quantitative Methods in Macroeconomics and Finance I	2022/2023	---	---	---	2019/2020
Předmět	JED415	Quantitative Methods in Macroeconomics and Finance II	2022/2023	---	---	---	2019/2020

* označené povinnosti byly v roce hodnocení vymazány ze studijního plánu

Povinnosti - ostatní

Typ	Kód	Název, podrobnosti	Ak. rok	Plnění dle studenta	Splněno dle SIS	Komentář ročního hodnocení
Publikace	---	Beauty and Productivity: a Meta-Analysis (Scopus Submission)	2020/2021	---	---	---
Jiné	---	Grant activities Application to the Grant Agency of the UK competition with an expected topic "Economics of Beauty: further evidence". In case my project will not be accepted for financing, I will submit new application in subsequent years of study.	2019/2020	splnil	---	I applied to the GAUK competition with the topic "Beauty and Productivity in Academic Publishing". I had received two positive replies of the three from the opponents; my project was not accepted for financing. I will consider all comments and recommendations of the opponents and I will submit a new application in subsequent years of study.
Jiné	---	Teaching assistantships Teaching SS 2019/2020: (1 TA slot - seminars) Teaching SS 2019/2020: (1 TA slot - seminars)	2019/2020	splnil	---	Teaching Assistantship in JEM013 (Game Theory).
Jiné	---	BT and MT refereeing I will serve as an opponent of Bachelor's and Master's theses.	2019/2020	splnil	---	So far this semester I didn't get any thesis for opponency.
Jiné	---	Methodological seminar for PhD students In the 1st year of study, I will attend a methodological seminar for teaching.	2019/2020	splnil	---	Methodological seminar on teaching attendance fulfilled.

Typ	Kód	Název, podrobnosti	Ak. rok	Plnění dle studenta	Splněno dle SIS	Komentář ročního hodnocení
Jiné	---	Study documents Till May 31 of this academic year, I delivered my "Annual assessment of fulfilling the ISP" + "Supplement", in which I further specify the intended course of my doctoral studies over the next academic year. In case of termination/my study interruption, I will fill in the required documents ("Annual assessment of fulfilling the ISP" + "Supplement" for the next academic year) within a month from the end of my study interruption period.	2019/2020	splnil	---	I will submit my study documents until May 31.
Jiné	---	Defenses I will attend at least 50% of dissertation defenses held at the IES FSV UK.	2019/2020	splnil	---	Defenses and pre-defenses held at the IES FSV UK attendance of at least 50% fulfilled.
Publikace	---	Beauty and Productivity: One Specific Occupation Study (IES WP submission) Submission to the IES WP series with an expected title "Beauty and Productivity: One Specific Occupation Study".	2020/2021	---	---	---
Publikace	---	Beauty and Productivity: One Specific Occupation Study (Scopus submission) Submission to a foreign journal listed in the Scopus database with an expected title "Beauty and Productivity: One Specific Occupation Study".	2020/2021	---	---	---
Publikace	---	Beauty, Gender and Labor Outcomes (IES WP submission) Submission to the IES WP series with an expected title "Beauty, Gender and Labor Outcomes".	2021/2022	---	---	---
Publikace	---	Beauty, Gender and Labor Outcomes (Scopus submission) Submission to a foreign journal listed in the Scopus database with an expected title "Beauty, Gender and Labor Outcomes".	2021/2022	---	---	---
Stáž	---	Six-month stay at a foreign university under GEMCLIME project	2020/2021	---	---	---
Konference	---	By the end of the 4th year of study, I will actively participate in at least two international scientific conferences.	2022/2023	---	---	---
Jiné	---	Grant activities Resubmitted application to the Grant Agency of the UK competition with the topic "Beauty and Productivity in Academic Publishing".	2020/2021	---	---	---
Jiné	---	Teaching assistantships Teaching WS 2020/2021: (1 TA slot - seminars) Teaching SS 2020/2021: JEM013 Game Theory(1 TA slot - seminars)	2020/2021	---	---	---
Jiné	---	Study documents Till May 31 2020/2021 academic year, I will deliver my "Annual assessment of fulfilling the ISP" + "Supplement", in which I further specify the intended course of my doctoral studies over the next academic year.	2020/2021	---	---	---
Jiné	---	BT and MT refereeing I will serve as an opponent of Bachelor's and Master's theses.	2020/2021	---	---	---
Jiné	---	Defenses I will attend at least 50% of dissertation defenses held at the IES FSV UK.	2020/2021	---	---	---
Publikace	---	Beauty and Productivity: a Meta-Analysis (IES WP publication) Publication in the IES WP based on my diploma thesis, with an expected title "Beauty and Productivity: a Meta-Analysis". This WP will be the joint work with my diploma thesis supervisor Tomas Havranek.	2020/2021	---	---	The article entitled «Beauty and Productivity: a Meta-Analysis» was planned to be published as IES WP until May 2020. After presenting this research on the JED415 Ph.D. seminar it was decided to make corrections of one critical chapter. We are planning to submit this IES WP as soon as possible.
Konference	---	International Conference on Demands of Labour Services in Labor Economics (ICDLSLE) - Berlin, Germany Submission of a contribution "Beauty and Productivity: a Meta-Analysis" to the International Conference on Demands of Labour Services in Labor Economics (ICDLSLE) - Berlin, Germany, Jul 23, 2020	2020/2021	---	---	Submission of a contribution "Beauty and Productivity: a Meta-Analysis" to the international conferences requested to be postponed until the next academic year.

Další komentáře ročního hodnocení

Typ	Komentář ročního hodnocení
Roční hodnocení	---

Typ	Komentář ročního hodnocení
Roční hodnocení	---

Výsledné hodnocení plnění plánu

Typ	Komentáře a hodnocení	
Shrnutí studenta	In the academic year 2019/2020, I've been working on two articles. First, the article entitled «Beauty and Productivity: a Meta-Analysis» was planned to be published as IES WP until May 2020. However, after presenting this research on JED415 (Quantitative Methods in Macroeconomics and Finance II) Ph.D. seminar and considering colleagues' comments, it was decided to make corrections of one critical chapter. We are planning to submit this IES WP as soon as possible. Second, I started work on the article entitled «Beauty and Productivity in academic publishing.» I applied to the GAUK competition with this topic and received two positive replies of the three from the opponents. Although my project was not accepted for financing, the comments, in general, were positive, and I started research on the most recent literature and data collection. I will consider all comments and recommendations of the opponents, and I will submit a new GAUK application in subsequent years of study. In WS 2019, I did not take teaching assistantship because of a lack of available TA slots. Instead, I attended and completed JEM005 (Advanced Econometrics), JEM003 (Advanced Microeconomics), and English classes to refresh my existing knowledge and prepare for teaching. In SS 2020, I served TA for JEM013 (Game Theory): I was developing and teaching online seminars, making and correcting the final exam. In both WS and SS, I attended Ph.D. seminars-JED414(Quantitative Methods in Macroeconomics and Finance I) and JED415 (Quantitative Methods in Macroeconomics and Finance II). In SS, I presented our research entitled «Beauty and Productivity: A Meta-Analysis.» Also, in SS, I was a discussant on the topic «The Impact of Introducing Unified State Exam on University Enrollment in Russia » presented by Mgr. Olesia Zeynalova. In both WS and SS, I participated more than 50% of the doctoral defenses.	-
Návrh školitele	Kseniya Bortnikova will submit a WP very soon, thereby fulfilling the requirements placed upon her. I appreciate that she submitted a GAUK proposal and urge her to try again next year after incorporating the comments from the referees.	A
Rozhodnutí oborové rady	The student does not fulfill the obligation to attend pre-defenses and defenses as is stated in the ISP (attended 5 from 11).	B

Ve smyslu č. 10 odst. 8 Studijního a zkušebního řádu Univerzity Karlovy student nesplnil některé povinnosti podle individuálního studijního plánu.

Oborová rada navrhuje POKRAČOVÁNÍ studia.

Školitel/ka

doc. PhDr. Tomáš Havránek, Ph.D.

25.05.2020

Schváleno oborovou radou doktorského studijního programu (oboru) dne: 21.09.2020

Předseda oborové rady

prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.

13.10.2020

Student/ka

Mgr. Ing. Kseniya Bortnikova

23.05.2020

Garant studijního programu

prof. Ing. Evžen Kočenda, M.A., Ph.D., DSc.

13.10.2020

UNIVERZITA KARLOVA
FAKULTA SOCIÁLNÍCH VĚD

Dodatek č. 1 ID plánu 17498
za akademický rok 2019/2020

k individuálnímu studijnímu plánu schválenému oborovou radou dne: 21.09.2020

Jméno studenta/ky doktorského studijního programu: Mgr. Ing. Kseniya Bortnikova

Narozen/a: 26.5.1989, Ufa

Typ	Změny individuálního studijního plánu (nová studijní povinnost, zrušená studijní povinnost, změna termínu splnění studijní povinnosti)	původní plánovaný termín*	nový termín splnění*
Předmět	Teaching Assistantship (Half) B	2019/2020	zrušeno
Publikace	Publication in the IES WP based on my diploma thesis, with an expected title "Beauty and Productivity: a Meta-Analysis". This WP will be the joint work with my diploma thesis supervisor Tomas Havranek.	2019/2020	2020/2021
Konference	Submission of a contribution "Beauty and Productivity: a Meta-Analysis" to the International Conference on Demands of Labour Services in Labor Economics (ICDLSLE) - Berlin, Germany, Jul 23, 2020	2019/2020	2020/2021
Jiné	Grant activities	---	2020/2021
Jiné	Teaching assistantships	---	2020/2021
Jiné	Study documents	---	2020/2021
Jiné	BT and MT refereeing	---	2020/2021
Jiné	Defenses	---	2020/2021

Školitel/ka

doc. PhDr. Tomáš Havránek, Ph.D.

25.05.2020

Student/ka

Mgr. Ing. Kseniya Bortnikova

23.05.2020

Schváleno oborovou radou doktorského studijního programu (oboru) dne: 21.09.2020

Předseda oborové rady

13.10.2020

Garant studijního programu

13.10.2020

* Vysvětlující poznámka:

1. v případě nové studijní povinnosti bude kolonka "původní plánovaný termín" proškrtnuta a datum plánovaného splnění zapsán do kolonky "nový termín splnění"

2. v případě zrušení studijní povinnosti bude v kolonce "původní plánovaný termín" zapsáno datum původně uvedené v ISP a do kolonky "nový termín splnění" zapsáno "nový termín splnění"