

Kseniia KRAVCHENKO

Biologist, PhD candidate



✉ shusha.kravcheneo@gmail.com
☎ (+49)15771212578
📄 Kseniia Kravchenko
📄 Kseniia_Kravchenko3
📍 Alfred-Kowalke-Str. 17,
10315 Berlin , Deutschland

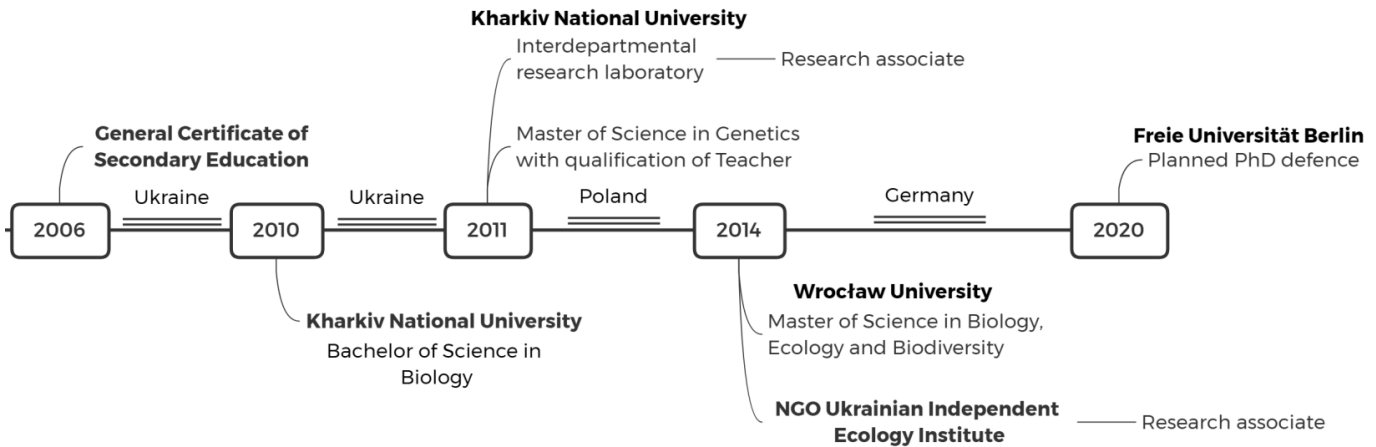
About me

My main research interests are spatial, behavioural and physiological response of animals to climate change are. Additionally , I am very concerned with effects of infrastructures on wildlife and conservation strategies for migratory animals.

Languages

Russian	fluent (mother tong)
Ukrainian	fluent (mother tong)
English	fluent (spoken and written)
Polish	fluent (spoken and written)
German	basic (spoken and written)

Education and professional experience



Theoretical Skills

Fields Ecology and Evolutionary Biology, Physiology, Zoology, Genetics, Statistics

Topics Biodiversity, distribution, climate change, behaviour, stable isotopes, hibernation, energy budget, bioacoustics, dietary analysis, geospatial modeling

Technical Skills

Statistics Linear modelling (from LM to GLMM), traditional parametric and non-parametric tests, basics in Bayesian statistics

R Fluen data analysis and visualization

Specific packages IsoriX (isoscape modeling), MixSIAR and SIBER (isotope niche modeling), Vegan (ecological diversity), Range Shifter

Physiology Software: ExpeData, LabChart
Equipment: Sable systems Int., ADinstruments

Bio acoustics Software: BatSound, BatExplorer, Analook,
Equipment: Anabat, Pettersson Elektronik, BatLure (Apodemus)

Hobbies

Sport (Cross Fit), Music (Guitar), Travel

Qualification Profile

Project Management

I contribute to 20 research and conservation projects, which were successfully completed. In 7 of them I was a project leader.

Fundraising

Got various grants from international funds for:
Conservation project in Eastern Europe (20.000 EUR)
Funding for research and education (60.000 EUR)
Travel grants for conferences (1500 EUR)

Field work

Extensive field experience in **11** countries, in temperate and tropical climate zones

Teaching

- Lecturer of statistical methods in ecology Interdepartmental research laboratory (Kharkiv, Ukraine)
- Lecturer of isotope niche approach in ecology, SIBER practice 3rd International Summer School on Stable Isotopes In Animal Ecology (IZW, Berlin, Germany)

Soft Skills

Self motivation ,Communication, Multitasking, Team work, Creativity, Curiosity, Learning from criticism



Grants

- 2018 **DAAD grant**
participation in Falling Walls Berlin 2018 conference and lab
- 2016 **British Ecological Society (BES) grant**
"Nocturnal noshing – become fat and happy: pre hibernation foraging activity of Nyctalus noctula bat in a new hibernation region."
- 2014 **EUROBATS Projects Initiative grant**
"Trans-border collaboration in bat migration research in Eastern Europe and the Black Sea region. The pilot project."
- 2013 **The Youth Activity Fund of the Explorers Club grant**
"Reach Another Bank of the Black Sea, Far Expedition following Bat Migration."
- 2012 **The Youth Activity Fund of the Explorers Club grant**
"Migration of bats in Crimea peninsula (Ukraine): international student expedition as action on international expansion of Wind Energy Companies."
- 2012 **Bat Conservation International (Student Research Scholarship Program) grant**
"Bat Migration and Development of Wind Energy in Ukraine".
- 2010 **The Youth Activity Fund of the Explorers Club grant**
"Bats and Fungi in the Eastern Europe: the first step for search of White Nose Syndrome signs."

Awards

- 2019 **Best Poster Award** at N² Event from research to application (Berlin, Germany)
- 2015 **Green Talent Award** 2015 from the German Ministry for education and research (BMBF)
- 2015 **Best Oral Presentation** at 36th Conference of Young zoologists (Kyiv, Ukraine)

Scholarships

- 2016 **DAAD scholarship for full Doctoral studies** (Germany at Freie Universität Berlin)
- 2015 **Green Talent scholarship** for 3-month research stay (IZW, Berlin, Germany)
- 2012 **ERASMUS scholarship** for research internship in stable isotope ecology (IZW, Berlin, Germany)

Memberships

- 2016 – present member of the British Ecological Society (BES)
- 2015 – present member of NGO Ukrainian Independent Ecological Institute (UIEI)
- 2011 – 2013 member of Students Scientific Society of Mammalogists of Wrocław University
- 2009 – 2012 member All-Ukrainian youth NGO "Foundation of Regional Initiatives" (FRI)
- 2009 – 2011 member of Nature Conservation Team of Kharkiv National University
- 2007 – 2011 member of Student Scientific Society of Cytology and Genetics of Kharkiv National University

Conferences

Presented research results during 25 international conferences and symposiums.

In 8 of them I was a member of organizing committee:

- 2007-2009 International conference “Biology: from molecule to biosphere” , Kharkiv, Ukraine
- 2013, 2017
2020 , International Berlin Bat meeting, Berlin, Germany
- 2017 The 4th Leibniz PhD Student symposium, Berlin, Germany
- 2019 International Kharkiv Bat Meeting, Kharkiv, Ukraine

Projects participation:

- 2016 “Searching for birth-place: determination of connection between summer and winter locations of threatened bat populations” supported by The Youth Activity of the Explorers Club.
- 2013-2016 “Bat Rehabilitation Center” Kharkiv, Ukraine supported by Olexander Feldman Foundation.
- 2013-2014 “Kharkiv bat education program” Kharkiv, Ukraine supported by EUROBATS Projects Initiative.
- 2013 “*Nyctalus lasiopterus* in the Eastern Europe: inventory of current status, proposals to revise the species status in IUCN Red List and conservation” supported by Rufford Small Grants for Nature Conservation (UK) and EUROBATS Projects Initiative (EU).
- 2012-2013 practical training in stable isotope ecology, Leibniz Institute for Zoo and Wildlife Research, Berlin, Germany.
- 2011-2012 “The International Year of Forests in the North eastern Ukraine: Establishing of Long-Term Program on Forest Biodiversity Conservation” supported by Rufford Small Grants for Nature Conservation (UK).
http://www.ruffordsmallgrants.org/rsg/projects/stanislaw_viter
- 2011 took part in the “Night of explorers” student volunteer science pop program “Projektor” supported by American-Polish Freedom Foundation (PI/USA).
- 2010 – (2011) “Fauna of bats as an indicator of the most valuable natural complexes in Chernobyl Exclusion Zone worthy of legislative protection” supported by Rufford Small Grants for Nature Conservation (UK).
http://www.ruffordsmallgrants.org/rsg/projects/sergey_gashchak
- 2010-2011 iBats Ukraine (Indicator Bat Programme) supported by The Darwin Initiative (UK).
- 2010-2011 “Estimation of Impact of Wind Energy Turbines on Migratory Bats in the South of Ukraine, the Pilot Project” supported by Global Grassroots Bat Conservation Fund of Bat Conservation International (USA).
- 2010-2011 “*Nyctalus lasiopterus* in Ukraine: inventory of current status, proposals to revise the species status in IUCN Red List and conservation” supported by Rufford Small Grants for Nature Conservation (UK).
- 2009-2010 “Development of new system of summer bat population monitoring on the territory of nature reserves in Ukraine and Russia” supported by The Bat Conservation International, Scholarship program and Sigma Xi (USA).
- 2009 “Community for conservation of nature protected areas” in Kanevskij Zapovednik, supported by The Global Environment Fund (GEF).

Other activities

Supervision of 6 undergraduate and 2 master students.

Author of 5 popular broadcasts about bat ecology and wildlife conservation on TV.

List of publications:

Peer reviewed

- Vlaschenko A, Prylutska A, Kravchenko K, Rodenko O, Hukov V, Timofieieva O, Holovchenko O, Moiseienko M, Kovalov V (2020) Regional recaptures of bats (Chiroptera, Vespertilionidae) ringed in eastern Ukraine. *Zoodiversity*, 54(1):53–66
- Voigt, C.C., **Kravchenko, K.**, Liechti, F., Bumrungsri, S. (2019) Skyrocketing flights as a previously unrecognized behaviour of open-space foraging bats. *Acta Chiropterologica. Acta Chiropterologica*, 21(2), 331–339.
- Kravchenko K**, Lehnert LS, Vlaschenko A, Voigt CC (2019) Multiple isotope tracers in fur keratin discriminate between mothers and offspring. *Rapid Communications in Mass Spectrometry*, 33(10), 907-913.
- Vlaschenko A, Kovalov V, Hukov V, **Kravchenko K**, Rodenko O (2019) An example of ecological traps for bats in the urban environment. *European journal of wildlife research*, 65(2), 20.
- Lehnert LS, Kramer-Schadt S, Teige T, Hoffmeister U, Popa-Lisseanu A, Bontadina F, Ciechanowski M, Dechmann D, **Kravchenko K**, Presetnik P, Starrach M, Straube M, Zoephel U, Voigt CC (2018) Plasticity and repeatability of noctule bat migration in Central Europe: evidence for partial and differential migration. *Proceedings of the Royal Society B*, 285(1893), 20182174.
- Szentiványi T, Kravchenko K, Vlaschenko A, Estók P (2018) First record of Laboulbeniales (Fungi: Ascomycota) infection on bat flies (Diptera: Nycteribiidae) from the Caucasus region. *Folia entomologica hungarica*, 79, 195-201.
- Kemenesi G, Zana B, Kurucz K, Foldes F, Urban P, Vlaschenko A, **Kravchenko K**, et al., Jakab F (2017) High diversity of replication-associated protein encoding circular DNA viruses in guano samples of European bats. *Archives of Virology*, 163 (3): 671-678. DOI: 10.1007/s00705-017-3678-5
- Kravchenko K**, Vlaschenko A, Prylutska A, Rodenko O, Gukov V, Shuvaev V (2017) Year-round monitoring of bat records in big city area: Kharkiv city (NE Ukraine), 2013 year as a case study. *Turkish Journal of Zoology*, 41(3), 530-548.
- Vlaschenko A, Gukov V, Naglov A, Prylutska A, **Kravchenko K**, Rodenko O. (2016) New underground hibernaculum of brandt's bat (*Myotis brandtii*) in Ukraine, and comparison of summer and winter bat populations. *Vestnik zoologii*, 50(3), 231-240.
- Vlaschenko A, **Kravchenko K**, Prylutska A, Ivancheva E, Sitnikova E, Mishin A (2016) Structure of summer bat assemblages of forests in European Russia. *Turkish Journal of Zoology*, 40(6), 876-893.
- Kravchenko K**, Vlaschenko A, Prylutsky O, Prylutska A (2015) A search of *Geomyces destructans*, a dangerous pathogen of bats in caves of Eastern Europe. *Russian Journal of Ecology*, 46(5), 490.
- Gashchak S, Vlaschenko A, Estok P, **Kravchenko K** (2015) New long-distance recapture of a noctule (*Nyctalus noctula*) from eastern Europe. *Hystrix, the Italian Journal of Mammalogy*, 26(1), 59-60.
- Rodenko E, **Kravchenko K**, Vlaschenko A, Chepiznaja A, Suvorova A, Prylutska A (2014) The record of *Nyctalus noctula* in winter time in Poltava city (Ukraine). *Plecotus et al*, 17, 43-51.
- Gashchak S, Vlaschenko A, Naglov A, **Kravchenko K**, Prylutska A (2013) Bats fauna of the exclusion zone in concern of assessment of environmental value of its areas. Problems of Chernobyl exclusion zone. *Problems of Chernobyl exclusion zone*, 11, 56-78.
- Kravchenko K** (2013) The technique for visualization of hyphal interaction zones of *Botrytis cinerea* isolates. *Annales UMCS, Biologia*, 67(2), 35-43.
- Vlaschenko A, Godlevska L, **Kravchenko K**, Tyshchenko V, Gukasova A, Sudakova M (2012) Contribution to bat fauna of Holosiyivsky National Nature Park. *Nature Reserves in Ukraine*, 18, 51-58.
- Gukasova A, Vlaschenko A, Kosenkov G, **Kravchenko K**. (2011) Bat fauna and structure of bat (Chiroptera) assemblage of the National Park "Smolensk Lakeland", Western Russia. *Acta Zoologica Lituanica*, 21(2), 173-180.
- Buchko V, Vlaschenko A, **Kravchenko K**, Sudakova M, Gukasova A, Kusnezh A (2011) Contribution to bat fauna (Chiroptera) of Galytskyi National Nature Park (Ivano-Frankivsk region). *Visnyk of Lviv University. Biology ser*, 55, 146-159.

Conference proceedings

Kravchenko K, Vlaschenko A, Lehnert L, Courtiol A, Voigt C (2019) Migratory behaviour and demographic structure of bats under distribution shift. Wildlife Research and Conservation 2019 (WRC2019), 30th September - 2nd October 2019, Berlin, Germany.

Kravchenko K, Butschkau S (2019) Diet analysis of *Nyctalus noctula* following a new hibernacula range. 5th IZW PhD symposium, 26-27 September, Berlin, Germany.

Kravchenko K, Kovalov V, Timofieieva O, Rodenko O, Vlaschenko A (2018) Places of pre-hibernation foraging activity of *Nyctalus noctula* (Vespertilionidae, Chiroptera) in Eastern Ukraine. The Tenth International Zoological Congress of "Grigore Antipa" Museum (CZGA 2018), 21-24 November 2018, Bucharest, Romania.

Tovstukha I, Vlaschenko A, Kovalov V, **Kravchenko K**, Orlenko A, Orlenko E (2018) White blood cells as an indicator of immunological status of bats. Deutsches Treffen für Fledermausforschung 2018, 12-14 January 2018, Heidensee, Germany.

Holovchenko O, **Kravchenko K**, Vlaschenko A. Whose females are larger? Sex dimorphism in skull parameters of two air-hawking Vespertilionidae bats. The Ninth International Zoological Congress of "Grigore Antipa" Museum (CZGA 2017), 22-25 November, Bucharest, Romania.

Prylutska A., Vlaschenko A., **Kravchenko K.**, Rodenko O., Holovchenko O., Kovalov V., Hukov V., Domanska A (2017) Results of Bat Rehabilitation Center work during 2012-2017, Kharkiv, Ukraine. Abstract of XXVI Ogólnopolska Konferencja Chiropterologiczna, 17-19 November 2017, Wieszycy, Poland: 30.

Kravchenko K, Vlaschenko A, Rodenko O, Hukov V, Belovetskaya S (2017) The results of all-winter rehabilitation of *Nyctalus noctula*: a case study (Kharkiv, NE Ukraine). Abstract of 5 th International Berlin Bat Meeting: "Are bats special?", 24-26 February, Berlin, Germany: 102.

Vlaschenko A, **Kravchenko K**, Hukov V, Prylutska A, Rodenko O (2017) Contribution to bat longevity studies in Ukraine. Abstract of 5 th International Berlin Bat Meeting: "Are bats special?", 24-26 February 2017, Berlin, Germany: 58.

Poliakova D, Zozula V, Vlaschenko A, **Kravchenko K**, Prylutska A, Hukov V, Rodenko O, Zhilkina N, Zhilkin A (2017) Bat rehabilitation for welfare and research: results from Ukraine. Abstract of 5th International Berlin Bat Meeting: "Are bats special?", 24-26 February 2017, Berlin, Germany: 101.

Vlaschenko A, Kovalov V, Tovstukha I, **Kravchenko K**, Domanskaya A, Holovchenko O, Hukov V, Timofieieva O, Rodenko O, Muzyka D, Prylutska A (2018) Bats as natural reservoir and potential vector of zoonotic pathogens in modern urban environment. Abstract of 3rd Annual BTRP Ukraine Regional One Health Research Symposium, 16-20 April 2018, Kyiv, Ukraine: 347.

Kravchenko K, Furmankiewicz A (2015) Winter activity of Common Noctule (*Nyctalus noctula*) in Wroclaw city (Lower Silesia, Poland). Abstr. of the 36th Conference of Young zoologists, 18-19 of November 2015, Kyiv, Ukraine.

Gukov V, Vlaschenko A, **Kravchenko K**, Shuvaev V, Rodenko O. (2015) An example of ecological trap for bats in city area (on example of "Derzhprom" building, Kharkiv city). Abstr. of the 36th Conference of Young zoologists, 18-19 November 2015, Kyiv, Ukraine.

Vlaschenko A, **Kravchenko K**, A. Prylutska, O. Rodenko, V. Gukov, V. Shuvaev. Year round monitoring of bat assemblage in Kharkiv city, results of 2013 year. Abstr. of the 36th Conference of Young zoologists, 18-19 of November 2015, Kyiv, Ukraine.

Suvorova A, Shuvaev V, Vlaschenko A, **Kravchenko K**, Prylutska A, Rodenko O, Gukov V. Acoustic monitoring of bats by Batsi program in Kharkiv region. Abstr. of the 36th Conference of Young zoologists, 18-19 of November 2015, Kyiv, Ukraine.

Rodenko O, Gukov V, Vlaschenko A, **Kravchenko K**, Prylutska A, Suvorova A, Shuvaev V. Bat assemblage of the center area of Kharkiv city in warm season of year (2014-2015). Abstr. of the 36th Conference of Young zoologists, 18-19 of November 2015, Kyiv, Ukraine.

Conference proceedings

Rodenko O, Gukov V, Vlaschenko A, Shuvaev V, Suvorova A, Prylutska A, **Kravchenko K (2015)** Bat assemblage in Kharkov city during breeding and migration time. Abstr. of the 3th Student Teriological Conference, 24-25 of May 2015, Wroclaw, Poland. P. 11-12.

Vlaschenko A, **Kravchenko K**, Prylutska A, Gukov V, Suvorova A, Rodenko E **(2015)** Seasonal movement of bats in big city area (Kharkiv, NE Ukraine). Abstr. of 4rd International Berlin Bat Meeting: Movement Ecology of Bats, 13st – 15rd of March 2015, Berlin, Germany. P. 140.

Vlaschenko A, Gukov V, **Kravchenko K**, Naglov A, Rodenko O, Suvorova A **(2014)** Microclimate and biological studies in mines of Kharkov region. "Exploration of undergrounds of Kharkiv region": Proceedings of V research and practice conference, November 2014, Kharkiv, Ukraine. P.47-50.

Kravchenko K, Vlaschenko A, Voigt CC **(2014)** Stable hydrogen isotope analysis in study of changes in migration status of *Nyctalus noctula* in Eastern Europe. Abstr. of the XXIII Polish Chiropterological Conference, 28-30 of March 2014, Poznan, Poland. P. 25 (in Polish)

Prylutska A, Vlaschenko A.S., **Kravchenko K**, Rodenko E **(2014)** Bat rehabilitation during winter in Kharkiv, Ukraine. Abstr. of the XXIII Polish Chiropterological Conference, 28-30 of March 2014, Poznan, Poland. P. 35 (in Polish)

Kravchenko K, Vlaschenko S, Klochko A, Gukasova A **(2013)** Seasonal changes of bat assemblage in primeval beech forest of Crimea. International Conference Primeval Beech Forests "Reference System of the Management and Conservation of Biodiversity, Forest Resources and Ecosystem Services", 2-9 June 2013, Lviv, Ukraine. P. 109.

Kravchenko K, Vlaschenko A, Gukasova A **(2013)** Bats in Kharkov city – urban residence is not for all. Abstr. of the 1th Student Teriological Conference, 25-26 of May 2013, Wroclaw, Poland. P. 21-22.

Kravchenko K, Gukasova A, Vlaschenko A **(2013)** The method of inventory and monitoring of summer bat populations by using of ultra-thin mistnets. Abstr. of the Polish Chiropterological Conference, 22-24 of March 2013, Krynica Zdroj, Poland. P. 26-27 (in Polish)

Kravchenko K, Vlaschenko A, Voigt CC **(2013)** Bat migration in the South of Ukraine – an area of intensive development of wind power facilities. Abstr. of 3rd International Berlin Bat Meeting: Bats in the Anthropocene, 1st – 3rd of March 2013, Berlin, Germany. P. 151.

Vlaschenko A, **Kravchenko K**, Gukasova A **(2013)** New winter aggregation of *Nyctalus noctula* in cities of NE Ukraine: evolution step in anthropocene or ecological trap? Abstr. of 3rd International Berlin Bat Meeting: Bats in the Anthropocene, 1st – 3rd of March 2013, Berlin, Germany. P. 86.

Vlaschenko, **Kravchenko K**, Gukasova A **(2013)** Prediction of the future fatalities: Bats and wind energy in Ukraine. Abstr. of the Conference on Wind Power and Environmental Impacts, 5-7 February 2013, Stockholm, Sweden. P. 109.