

CURRICULUM VITAE

1. Name, Surname: ANDRZEJ FURMAN

2. Date of birth: 04/08/1954

3. Position: Professor

4. Education:

Master: Biophysics / Nuclear Physics; University of Wroclaw, Poland; 1978

Ph. D.: Environmental Sciences; Boğaziçi University, Istanbul, Turkey; 1992

5. Academic positions:

Professor: 2011- ; Inst. Environmental Sciences; Boğaziçi University, Turkey

Associate Prof.: 2006-2011; Inst. Environmental Sciences; Boğaziçi University, Turkey

Assistant Prof.: 1994-2006; Inst. Environmental Sciences; Boğaziçi University, Turkey

Teaching Staff: 1992-1994; Inst. Environmental Sciences; Boğaziçi University, Turkey

Research Assistant: 1988-1992; Inst. Environmental Sciences; Boğaziçi University, Turkey

Research & Teaching Assistant: 1978-1981; Academy of Agriculture, Faculty of Biophysics and Plant Biology, Institute of Physics and Biophysics, Wroclaw, Poland

6. Publications:

6.1. SCI and SSCI:

1. Boran P, Oğuz F, Furman A, Kalaça S. Evaluation of fontanel size variation and closure time in children followed up from birth to 24 months. *European Journal of Pediatrics*. Submitted.
2. Furman A, Çelik YE, Çoraman E. *Myotis myotis* (Chiroptera: Vespertilionidae) diverges into two distinct, Anatolian and European, populations. *Zoological Journal of the Linnean Society*. Submitted.
3. Bereket A, Bugur IS, Guran T, Atay Z, Ekberzade A, Gurbanov Z, Oge E, Tas CSR, Turan S, Furman A. Reconsideration of Mid-Parental Height Calculation. *Hormone Research in Paediatrics*, 86, Supplement 1, 451-451.2016.

4. Kara B, Etiler N, Aydogan Uncuoglu A, Maras Genc H, Ulak Gumuslu E, Gokcay G, Furman A. Head Circumference Charts for Turkish Children Aged Five to Eighteen Years. *Archives of Neuropsychiatry*, 53(1), 55-62, 2016.
5. Neyzi O, Bundak R, Gokcay G, Gunoz H, Furman A, Darendeliler F, Bas F. Reference Values for Weight, Height, Head Circumference, and Body Mass Index in Turkish Children. *Journal of Clinical Research in Pediatric Endocrinology*, 7(4), 280-293, 2015.
6. Postawa T, Furman A. Abundance patterns of ectoparasites infecting different populations of *Miniopterus* species in their contact zone in Asia Minor. *Acta Chiropterologica*, 16(2), 387-395, 2014. SCI.
7. Furman A, Çoraman E Çelik YE, Postawa T, Bachanek J, Ruedi M. Cytonuclear Discordance and the Species Status of *Myotis myotis* and *Myotis blythii* (Chiroptera). *Zoologica Scripta*, 43(6), 549-561, 2014. SCI.
8. Günöz H, Bundak R, Furman A, Darendeliler F, Saka N, Baş F, Neyzi O. Z-score reference values for height in Turkish children aged 6 to 18 years. *Journal of Clinical Research in Pediatric Endocrinology*, 6, 28-33, 2014. SCI.
9. Bundak R, Bas F, Furman A, Gunoz H, Darendeliler F, Saka N, Poyrazoglu S, Neyzi O. Sitting height and sitting height/height ratio references for Turkish children. *European Journal of Pediatrics*, 173, 861–869, 2014. SCI.
10. Çoraman E, Furman A, Karatas A, Bilgin R. Phylogeographic analysis of Anatolian bats highlights the importance of the region for preserving the Chiropteran mitochondrial genetic diversity in the Western Palaearctic. *Conservation Genetics*, 14, 1205-1216, 2013. SCI.
11. Furman A, Çoraman E, Nagy Z, Postawa T, Bilgin R, Gajewska M, Bogdanowicz W. Phylogeography of the large *Myotis* bats (Chiroptera: Vespertilionidae) in Europe, Asia Minor, and Transcaucasia. *Biological Journal of the Linnean Society*, 108, 189-209, 2013. SCI.
12. Furman A, Çoraman E, Bilgin R. 2012. Bats and tourism, *Oryx*, 46(3), 330. SCI.
13. Atay Z, Turan S, Guran T, Furman A, Bereket A. 2012. The prevalence and risk factors of premature thelarche and pubarche in 4- to 8-year-old girls, *Acta Paediatrica*, 101, e71-e75, 2012. SCI.
14. Bilgin R, Gürün K, Maracı Ö, Furman A, Hulva P, Çoraman E, Lučan R, Bartonička T, Horáček I. Syntopic occurrence in Turkey supports separate species status for *Miniopterus schreibersii schreibersii* and *Miniopterus schreibersii pallidus* (Mammalia: Chiroptera). *Acta Chiropterologica*, 14(2), 279-289, 2012. SCI.
15. Atay Z, Turan S, Guran T, Furman A, Bereket A, Puberty and influential factors in schoolgirls living in Istanbul: End of the secular trend? *Pediatrics*, 128, E40-E45, 2011. SCI.
16. Ozen A, Furman A, Berber M, Karatepe H O, Mutlu N, Saricoban H E, Buyukgebiz B, The effect of *Helicobacter pylori* and economic status on growth parameters and leptin, ghrelin, and insulin-like growth factor (IGF)-I concentrations in children, *Helicobacter*, 16, 55-65, 2011. SCI.

17. Furman A, Bachanek J, Postawa T, Çoraman E, Morphometric variation and genetic diversity of the lesser and greater mouse-eared bats (Chiroptera: Vespertilionidae) in Thrace and Anatolia. *Acta Chiropterologica*, 13(2), 291-298, 2011. SCI.
18. Furman A, Postawa T, Oztunc T, Coraman E, Cryptic diversity of the bent-wing bat, *Miniopterus schreibersii* (Chiroptera: Vespertilionidae), in Asia Minor, *BMC Evolutionary Biology*, 10, 121, 2010. SCI.
19. Furman A, Oztunc T, Postawa T, Coraman E, Shallow genetic differentiation in *Miniopterus schreibersii* (Chiroptera: Vespertilionidae) indicates a relatively recent re-colonization of Europe from a single glacial refugium, *Acta Chiropterologica*, 12, 51-59, 2010. SCI.
20. Furman A, Oztunc T, Coraman E, On the phylogeny of *Miniopterus schreibersii schreibersii* and *Miniopterus schreibersii pallidus* from Asia Minor in reference to other *Miniopterus* taxa (Chiroptera: Vespertilionidae), *Acta Chiropterologica*, 12, 61-72, 2010. SCI.
21. Furman A, Çoraman E, Bilgin R, Karataş A, Molecular ecology and phylogeography of the bent-wing bat complex (*Miniopterus schreibersii*) (Chiroptera: Vespertilionidae) in Asia Minor and adjacent regions, *Zoologica Scripta*, 38, 129-141, 2009. SCI.
22. Arman A, Soyly O, Yildirim A, Furman A, Ercelen N, Aydogan H, Coker A, Tezel T, Interleukin-1 Receptor Antagonist Gene VNTR Polymorphism is Associated with Coronary Artery Disease, *Arquivos Brasileiros de Cardiologia*, 91, 268-273, 2008. SCI.
23. Gökçay G, Furman A, Neyzi O, Updated growth curves for Turkish children aged 15 days to 60 months, *Child: Care, Health and Development*, 34, 454-463, 2008. SCI.
24. Bilgin R, Furman A, Çoraman E, Karataş A, Phylogeography of the Mediterranean horseshoe bat, *Rhinolophus euryale* (Chiroptera: Rhinolopoidae) in southeastern Europe and Anatolia, *Acta Chiropterologica*, 10, 41-49, 2008. SCI.
25. Turan S, Bereket A, Furman A, Omar A, Berber M, Ozen M, Akbenlioglu C, Haklar, G, The effect of economic status on height, insulin-like growth factor (IGF)-I and IGF binding protein-3 concentrations in healthy Turkish children, *European Journal of Clinical Nutrition*, 61, 752-758, 2007. SCI.
26. Neyzi O, Furman A, Bundak R, Gunoz H, Darendeliler F, Bas F, Growth references for Turkish children aged 6 to 18 years, *Acta Paediatrica*, 95, 1635-1641, 2006. SCI.
27. Bundak R, Furman A, Gunoz H, Darendeliler F, Bas F, Neyzi O, Body mass index references for Turkish children, *Acta Paediatrica*, 95, 194-198, 2006. SCI.
28. Furman A, Özgül A, The distribution of cave-dwelling bats and conservation status of underground habitats in northwestern Turkey, *Biological Conservation*, 120, 247-252, 2004. SCI.
29. Furman A, Özgül A, Distribution of cave-dwelling bats and conservation status of underground habitats in Istanbul area, *Ecological Research*, 17, 69-77, 2002. SCI.
30. Furman A, Laleli M, Maternal and umbilical cord blood lead levels: An Istanbul study, *Archives of Environmental Health*, 56, 26-28, 2001. SCI.

31. Furman A, Laleli M, Semi-occupational exposure to lead: A case study of child and adolescent street vendors in Istanbul, *Environmental Research*, 83, 41-45, 2000. SCI.
32. Furman A, Laleli M, Analysis of lead body burden in Turkey, *The Science of the Total Environment*, 234, 37-42, 1999. SCI.
33. Furman A, Erdur O, Are good citizens environmentalists? *Human Ecology*, 27, 520-534, 1999. SSCI.
34. Furman A, A Note on environmental concern in a developing country: Results from an Istanbul study, *Environment and Behavior*, 30, 520-534, 1998. SSCI.
35. Furman A, Saygin O, Internal volume determination of liposomes by a rapid equilibrium technique using hydrogen iodide as a marker, *Biotechnology Techniques*, 6, 299-304, 1992. SCI.

6.2. Other publications:

1. Arman A, Soylu O, Yildirim A, Furman A, Ercelen N, Aydogan H, Coker A, Tezel T, O polimorfismo VNTR no gene codificador do antagonista do receptor da interleucina-1 está associado com a doença arterial coronariana, *Arquivos Brasileiros de Cardiologia*, 91, 268-273, 2008.
2. Neyzi O, Günöz H, Furman A, Bundak R, Gökçay G, Darendeliler F, Baş F, Türk çocuklarında vücut ağırlığı, boy uzunluğu, baş çevresi ve vücut kitle indeksi referans değerleri, *Çocuk Sağlığı ve Hastalıkları Dergisi*, 51, 1-14, 2008.
3. Furman A, Özgül A, Trakyarasa: Cave-dwelling bat research in Turkish Thrace, Report for the Whitley Foundation, 2001.
4. Furman A, Özgül A, Bilgin R, Eurasian Bridge'99: Bat research in North-Western Turkey, Report for the BP Conservation Program, 2000.
5. Furman A, Yumul, A, Costal management and tourism in Turkey: Socio-economic aspects (Life Project), Report for Turkish Society for the Protection of Nature, 1999.
6. Yildiran G, Furman A, Agius E, Environmental Ethics, Reports of the International Symposium and Workshop on Environmental Ethics (group 1), 1994.
7. Furman A, Erdur O, Environmental attitudes among Boğaziçi University students in Turkey, *Boğaziçi University Journal, Review of Social, Economic and Administrative Studies*, 9, 109-122, 1995.

6.3. International and national meetings/presentations:

1. Bereket A, Bugur IS, Guran T, Atay Z, Ekberzade A, Gurbanov Z, Oge E, Tas CSR, Turan S, Furman A. Reconsideration of Mid-Parental Height Calculation. 55th Annual ESPE. European Society for Paediatric Endocrinology. Paris, France, 10 September 2016 - 12 September 2016. *ESPE Abstracts* (2016) 86 P-P1-P813, p. 451.

2. Çetin C, Bilgin R, Furman A. Population genetic structure of the Marbled Crab, *Pachygrapsus Marmoratus* (Fabricius, 1787) along the coasts of Turkey. Mathematical Evolution Summer School. Turkey, Şirince. 2015.
3. Çetin C, Bilgin R, Furman A. Cytonuclear discordance in the Marbled Crab, *Pachygrapsus marmoratus* (Fabricius, 1787) along the Mediterranean coasts of Turkey. Ecology and Evolutionary Biology Symposium. Turkey, Ankara. 2015.
4. Çoraman E, Furman A. Intraspecific lineages might respond differently to climate change: Evidence from past and present range expansion of Kuhl's Pipistrelle. Ecology and Evolutionary Biology Symposium. Turkey, Ankara. 2015.
5. Furman A, Çoraman E Çelik YE, Postawa T, Bachanek J, Ruedi M. Phylogeography and the Taxonomic Position of *Myotis Myotis* and *Myotis Blythii* in the Western Palaearctic (Chiroptera, Vespertilionidae). 13th European Bat Research Conference, 1-5 September, 2014, Sibernik, Croatia.
6. Çelik YE, Furman A, Çoraman E. The Phylogeny of the Large Mouse-Eared Bat Complex (Chiroptera: Vespertilionidae) in Anatolia and the Turkish Thrace. 13th European Bat Research Conference, 1-5 September, 2014, Sibernik, Croatia.
7. Furman A, Çoraman E Çelik YE, Postawa T, Bachanek J, Ruedi M. Pozycja systematyczna *Myotis myotis* i *M. blythii* w Zachodniej Palearktyce (Chiroptera, Vespertilionidae). XXIII Ogólnopolska Konferencja Chiropterologiczna, 28-30 March, 2014, Sypniewo, Poland.
Gökçay G, Neyzi O, Furman A, 'Assessment of growth: National and International Standards,' Annual Congress for European Society for Social Pediatrics and Child Health, 2010, Kuşadası, Turkey.
8. Atay Z, Turan S, Guran T, Furman A, Bereket A, 'Puberty update in Turkish girls: average age and influential factors of attainment of pubertal stages and menarche,' 49th European Society for Paediatric; Endocrinology Meeting, 2010, Prague, Czech Republic.
9. Atay Z, Turan S, Guran T, Furman A, Bereket A, 'Prevalence and risk factors of thelarche variant in 820 healthy school girls of 4-8 years of age,' 49th European Society for Paediatric; Endocrinology Meeting, 2010, Prague, Czech Republic.
10. Çoraman E, Furman A, 'The community structure of cave-dwelling bat populations in Yıldız Mountains (Turkish Thrace),' 15th International Bat Research Conference, 2010, Prague, Czech Republic.
11. Içağasioğlu E, Furman A, 'Phylogeography of *Miniopterus schreibersii schreibersii* and *M. s. pallidus* in Asia Minor as inferred from climate modeling predictions,' 15th International Bat Research Conference, 2010, Prague, Czech Republic.
12. Postawa T, Furman A, Oztunc T, Çoraman E, 'Patterns of ectoparasite abundance infecting distinct populations of *Miniopterus* species in their contact zone in Asia Minor,' 15th International Bat Research Conference, 2010, Prague, Czech Republic.

13. Furman A, Postawa T, Çoraman, E, ' *Miniopterus schreibersii pallidus* or *Miniopterus pallidus*: The current evidence,' 15th International Bat Research Conference, 2010, Prague, Czech Republic.
14. Bilgin R, Coraman E, Furman A, Oztunc T, 'Migratory inferences for four cave-dwelling bat species under isolation by distance,' 1st International Symposium on Bat Migration, 2009, Berlin, Germany.
15. Furman A, Çoraman E, Öztunç T, Postawa T, 'Genetyczne i morfologiczne zróżnicowanie podkasańca Schreibersa (*Miniopterus schreibersii*) w Azji Mniejszej,' 21st Ogólnopolska Konferencja Chiropterologiczna, 2008, Sieraków, Poland.
16. Furman A, Çoraman E, Öztunç T, Bilgin R, 'Molecular phylogeny and distribution of the bent wing bat, *Miniopterus schreibersii pallidus*, (Chiroptera: Vespertilionidae),' 11th Bat Research Symposium, 2008, Cluj Napoca, Romania.
17. Çoraman E, Bilgin R, Furman A, Öztunç T, 'Phylogeography of mouse-eared bats, *Myotis myotis* and *Myotis blythii* in Anatolia and Turkish Thrace,' 11th Bat Research Symposium, 2008, Cluj Napoca, Romania.
18. Özgül A, Bilgin R, Furman A, 'Cave-Dwelling Bats (Mammalia: Chiroptera) of Çatalca – Kocaeli Region, Northwestern Turkey,' 8th European Bat Research Symposium, 2000, Cracow, Poland.
19. Furman B, Semercioz F, Furman A, 'Trust, Cooperation, and Contractual Agreements,' 13th EGOS Colloquium: Organizational Responses to Radical Environmental Changes, 1997, Budapest, Hungary.
20. Furman A, Laleli M, 'Determination of Lead Concentration in Hair of Children under Prolonged Exposure to City Traffic,' International Conference: Anthropogenic Changes of the Content of Elements in the Environment and Human Food Chain - the Perspectives of Primary Prevention, 1997, Cracow, Poland.
21. Furman A, 'Conservation Ecology and Environmental Ethics,' 1st International Symposium on Environmental Ethics, 1994, Istanbul, Turkey.
22. Furman A, Erdur O, 'Global Environmental Values: An Empirical Study,' International Conference of Integration for Sustainable Development and Primary Prevention, 1995, Cracow, Poland.
23. Furman A, 'Environmental Education Systems,' Training of Experts for European Cooperation on Protection of the Environment and Promotion of Sustainable Development, 1993, Cracow, Poland.
24. Furman A, Saygin O, 'Lipozomların fizikokimyasal özelliklerinin boyalar ile incelenmesi,' 6th Kimya ve Kimya Mühendisliği Sempozyumu, 1989, Kuşadası, Turkey.

6.4. Books and books' chapters:

1. Gökçay G, Neyzi O, Furman A, Growth standards for Turkish children under five years of age. In V R Preedy (Ed) *Handbook of Growth and Growth Monitoring in Health and Disease*, Springer Verlag: UK. Chapter 174: 2913-2921, 2012.
2. Furman A, Yenigün O, *The Environmental Dimension*, Boğaziçi University Press, Istanbul, 1995.

7. Research projects:

1. Phylogeographic Investigation of the Lesser Horseshoe Bat (*Rhinolophus hipposideros*) in Thrace, Anatolia, and Levant, 9780, 2015-2016 (Boğaziçi University Research Fund).
2. The large *Myotis* bats (Chiroptera: Vespertilionidae) of the Western Palearctic, 7137, 2013 (Boğaziçi University Research Fund).
3. Phylogeography of the large *Myotis* bats (Chiroptera: Vespertilionidae): Testing the introgression, incomplete lineage sorting, and allopatric speciation hypotheses, 6901, 2012 (Boğaziçi University Research Fund).
4. Cryptic diversity of bats in Turkey, 5126, 2010 (Boğaziçi University Research Fund).
5. Population dynamics and assessment of reproductive status of two lineages of the Long Fingred Bat, *Miniopterus schreibersii schreibersii* and *Miniopterus schreibersii pallidus*, 1858, 2009 (Boğaziçi University Research Fund).
6. Molecular ecology and phylogeny of the Schreibers' Long Fingred Bat (*Miniopterus Schreibersii*) complex in Turkey, 08Y104, 2008 (Boğaziçi University Research Fund).
7. Investigation of subpopulations of *Miniopterus schreibersii* and *Rhinolophus ferrumequinum* in their respective suture zones in the Central Anatolia, 06HY103, 2006 (Boğaziçi University Research Fund).
8. Factors affecting diversity of *Rinolophus euryale* in the Anatolian transition zone, 05S102, 2005 (Boğaziçi University Research Fund).
9. Conservation status and phylogenetics of the selected *Galanthus* species, 04Y109, 2004 (Boğaziçi University Research Fund).
10. Population ecology of cave dwelling bats in Turkish Thrace, 01Y105, 2001 (Boğaziçi University Research Fund).
11. Analyses of body lead burden, 98Y02, 1998 (Boğaziçi University Research Fund).
12. Factors of pro-environmental attitude, 95Y0045, 1995 (Boğaziçi University Research Fund).
13. Description and analysis of the selected river quality situation in Turkey: Using the Enhanced Stream Water Quality Models, 93Y0036, 1993 (Boğaziçi University Research Fund).

8. Awards:

1. The 2006 Boğaziçi University Award for Teaching Excellence.
2. The 2001 Rufford Small Grant from the Whitley Awards Foundation for International Nature Conservation for the cave-dwelling bat research in Turkish Thrace.
3. The 1999 BP Conservation Program Award in the Threatened Species Category for the bat research in north-western Turkey.

9. Supervised thesis and dissertations:

1. İçağasioğlu E. Genetic differentiation of *Mytilus galloprovincialis* populations and genomic responses to salinity stress along the Turkish coasts, (in progress).
2. Çelik E. Phylogeographic analysis of the large *Myotis* bats complex, (in progress).
3. Çetin C. Cytonuclear discordance in the Marbled Crab, *Pachygrapsus Marmoratus* (Fabricius, 1787) along the Mediterranean coasts of Turkey, 2015.
4. Çoraman E. Comparative analysis of the population genetic structures' of a migratory, *Nyctalus leisleri* and a sedentary, *Rhinolophus ferrumequinum*, bat species in Turkey, 2014.
5. İçağasioğlu E. Phylogeography of *Miniopterus schreibersii schreibersii* and *M. s. pallidus* in Asia Minor as inferred from climate modeling predictions, 2012.
6. Çoraman E. Determination of the population genetic structure of *Miniopterus schreibersii* in the Anatolian transition zone, 2007.
7. Doğanca Z. Developing environmental education program for primary school students and assessing its effects on prospective science teachers, 2007.
8. Celen Z. Molecular phylogenetic analysis of selected *Galanthus* species from northwest Turkey, 2005.
9. Mert A. Quantitative analysis of environmental discourse, 2005.
10. Zeinelabdin S. Evaluation of conservation strategies in Turkey with a particular focus on recent developments in the Dupnisa cave system, 2002.
11. Buzbaş Ö. Activity, abundance and diet of the Gray Wolf (*Canis lupus*) in eastern Thrace, Turkey, 2002.
12. Özgül A. Population distribution of cave-dwelling bat species and conservation status of underground roosts in northwestern Turkey, 2001.
13. Bilgin R. Summer populations of cave-dwelling bat species of Çatalca-Kocaeli region and environmental factors that influence their distribution, 2000.
14. Turanlı R. Effects of facial attractiveness and financial resources on extra-pair relationship decisions, 2000.
15. Ensari M. Environmental movements: Non-governmental organizations in Turkey, 2000.
16. Hüseyinoğlu F. Biodiversity analysis of marine demersal invertebrate fauna in the Princess Islands region, 1999.

17. Laleli M. Determination of the baseline blood lead levels and associated environmental factors in Turkish cities, 1999.
18. Çavuşoğlu K. Foraging preferences of cave-dwelling bats in the Thrace region, 2003.
19. Ünalın D. Studies on environmental degradation and population changes in the eastern Black Sea region of Turkey, 1998.
20. Cansızoğlu Ş. Comparative analysis of Turkish environmental legislation with the national legislation in Europe, 1998.
21. Güleç S. The emotional compound of environmental concern: An empirical study of Turkish adolescents, 1997.
22. Eronat-Sangül A. A globally threatened species: An action plan for the conservation and management of the Dalmatian Pelican (*Pelecanus crispus*), 1996.
23. Erdur O. Factors of pro-environmental attitude in Turkey, 1996.
24. Ergen S. Water quality modeling of the Orhaneli River, using the stream water quality computer model, QUAL2E, 1995.

10. Given classes:

1. ESC 301: The Environmental Dimension
2. ESC 504: Computational Methods in Environmental Analysis
3. ESC 558: Concepts and Models in Ecology
4. ESC 579: Graduate Seminar
5. ESC 590: Quantitative Data Analysis
6. ESC 591: Statistical Ecology
7. ESC 595: Statistics for Environmental Social Sciences
8. ESC 596: Current Topics in Environmental Social Sciences
9. ESC 598: Statistical Methods for Environmental Science and Technology
10. ESC 599: Advanced Statistical Methods for Environmental Science and Technology
11. ESC 59D: Statistical Methods in Bioinformatics
12. ESC 601: Research Methodology
13. ESC 607: Ph. D. Seminar

11. Reviewer for:

Acta Chiropterologica

Acta Theriologica

American Journal of Environmental Sciences

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi

Biological Journal of the Linnean Society

BMC Evolutionary Biology

Ekoloji

Environmental Management

Folia Zoologica

Human Ecology

Journal of Heredity

Mammalian Biology

Mitochondrial DNA Part A

PLOS ONE

Turkish Journal of Zoology

Zoologica Scripta

12. Citations: 538 citations (January, 2017).