

CURRICULUM VITAE

Name: Taras K. Oleksyk, Ph.D.

Citizenship: Ukraine, U.S. Permanent Resident (Green Card)

Education:

- 2001 – 2004 Postdoctoral Fellowship (Genomics and Epidemiology), Laboratory of Genomic Diversity, **National Cancer Institute**, National Institutes of Health, Frederick, MD
- 1995 - 2001 Ph.D. (Environmental Toxicology), **the University of Georgia**, Athens, GA **Doctoral Dissertation:** Distribution and effects of radioactive contamination in rodent populations from Chernobyl. Awarded: July 2001
- 1993 - 1995 M.S. (Biology), **Bowling Green State University**, Bowling Green, OH. **Masters Thesis:** Influence of the short-tailed shrew on the foraging behavior of the white-footed mouse. Awarded: July 1995
- 1986 - 1992 B.S./Diploma (Teacher of Biology and Chemistry, Specialist in Botany/Ecology), **Uzhgorod National University**, Uzhgorod, Ukraine **Diploma:** A study of mutagenic activity of water in the river Uzh using Ames test. Awarded: June 1992

Brief Chronology of Employment:

- 2009 - present **Assistant Professor**, Department of Biology, School of Arts and Sciences, **University of Puerto Rico**, Mayaguez, PR
- 2007 - present **Adjunct Professor**, Department of Biotechnology, Zanvyl Krieger School of Arts and Sciences, **Johns Hopkins University**, Baltimore, MD
- 2004 - 2009 **Scientist II**, Laboratory of Genomic Diversity, SAIC, Basic Research Program, **National Cancer Institute**, National Institutes of Health, Frederick, MD
- 2001 - 2004 Postdoctoral Fellow, Laboratory of Genomic Diversity, **National Cancer Institute**, National Institutes of Health, Frederick, MD
- 1995 - 2001 Research Assistant, Interdisciplinary Toxicology Program, Institute of Ecology, **The University of Georgia**, Athens, GA
- 1993 - 1995 Teaching Assistant, **Bowling Green State University**, Bowling Green, OH
- 1991 - 1992 Research Assistant, Laboratory of Ecology of Mountain Ecosystems, **Uzhgorod National University**, Uzhgorod, Ukraine

1988 - 1989 Army, drafted to serve in the **Armed Forces**, former USSR
1986 Forest Worker, **Forest Service**, Perechyn Rayon, Zakarpatska Oblast, Ukraine

Grants, Honors and Other Special Awards:

1991 **President's Scholarship**, Uzhgorod State University, Ukraine
1992 ACTR/ACCELS Scholarship to study Ecology and English at Bowling Green State University
1992-1995 **Teaching Assistantships** at Bowling Green State University
1995-2001 **Interdisciplinary Toxicology Research Assistantship Award**, the University of Georgia
1999 **Sigma Xi Grant-in-Aid of Research Award**
2001-2004 NIH Postdoctoral Fellowship
2005 **SAIC Project Recognition Award**, Basic Research Program, SAIC-Frederick
2005 **NIH Outstanding Mentor Award** (nominated)

Reviewing:

- Journal of Environmental Radioactivity (since 2004)
- Journal of Virology (Since 2003)
- Journal of Mammalogy (Since 2004)
- Journal of Heredity (Since 2006)
- Human Immunology (since 2008)

Thesis:

- Doctoral Dissertation: Distribution and effects of radioactive contamination in rodent populations from Chernobyl. The University of Georgia, Athens GA, U.S.A. 147 p. Awarded: July 2001
- Masters Thesis: Influence of the short-tailed shrew on the foraging behavior of the white-footed mouse. Bowling Green State University, Bowling Green, OH, U.S.A. 36 p. Awarded: July 1995
- Senior Thesis: A study of mutagenic activity of water in the river Uzh using Ames test. Uzhgorod State Univeristy, Uzhgorod, Ukraine. Awarded: June 1992

Bibliography:

Peer Reviewed Papers: Published or In Press:

1. **Oleksyk, T.K.**, S.Shrestha, A.Truelove, S.J. O'Brien, and M.W. Smith. Association of extended *IL10* haplotypes with HIV progression to AIDS. Genes and Immunity, *In press.*, **2009**
2. N. Volfovsky, **Oleksyk, T.K.**, K.C. Cruz, A.L. Truelove, R.M. Stephens, and M.W. Smith. Chimpanzee chromosome 23 vs. human 22: genomic insertion, deletion and ancestral indel polymorphisms. Submitted to: BMC Genomics, 10:51, 2009
3. Kopp, J.B., Smith, M.W, Johnson, R, Freedman, B.I., Bowden, D.W., **Oleksyk, T.K.**, McKenzie, L.M., Ahuja, T.S., Cho, M.E., Dart, R.A., Kimmel, P.L., Korbet, S.M., Michael, D.M., Mokryzcki, M.H., Schelling, J.R., Simon, E., Trachtman, H., David Vlahov, D., Hiroshi Kajiyama, K., Nelson, G.W., and Winkler C.A. Genome wide admixture mapping identifies MYH9 as a major effect risk gene for FSGS in African-Americans. Nature Genetics, 40(10):1175-84, 2008
4. Truelove A.L., **T.K. Oleksyk**, S. Shrestha, C.L. Thio, J.J. Goedert, S.M. Donfield, D.L. Thomas, S.J. O'Brien, M.W. Smith. Hepatitis B viral persistence is associated with polymorphisms in the IL10 and IL20 region. International Journal of Immunogenetics, 35(3):255-64, 2008
5. **Oleksyk, T. K.**, K. Zhao, S. J. O'Brien, and M.W. Smith. Identifying selected regions from heterozygosity and divergence using a light-coverage genomic dataset from two human populations PLoS ONE, 3(3): e1712, 2008
6. Purdue, J. R., **T. K. Oleksyk**, and Michael H. Smith. Independent occurrences of multiple repeats in the control region of mitochondrial DNA of white-tailed deer. Journal of Heredity, 97(3): 235-243, 2006
7. Tsyusko, O.V., Michael H. Smith, **T. K. Oleksyk**, Julia Goryanaya, and Travis C. Glenn. Radiation effects of the Chornobyl accident on the genetics of cattails. Molecular Ecology, 15(9): 2611-2625, 2006
8. Shrestha, S., S.A Strathdee, N. Galai, **T.K. Oleksyk**, D. Fallin, D. Schaid, D. Vlahov, D. Thomas, S. J. O'Brien, and M.W. Smith. Behavioral Risk Exposure and Host Genetics of Susceptibility to HIV-1 Infection. Journal of Infectious Diseases, 193:16-26, 2006
9. **Oleksyk, T. K.**, C. L. Thio, A.L. Truelove, J.J. Goedert, S.M. Donfield, G.D. Kirk, D.L. Thomas, S.J. O'Brien, and M.W. Smith. Single nucleotide polymorphisms and haplotypes in the IL10 region associated with HCV clearance. Genes and Immunity, 6(4):347-57, 2005
10. **Oleksyk, T.K.**, L.G. Goldfarb, S. Shrestha, S.J. O'Brien, and M.W. Smith. Associations of the inflammatory gene polymorphisms and the Viliuisk Encephalomyelitis syndrome. European Journal of Immunogenetics, 31:121-128, 2004
11. **Oleksyk, T.K.**, M.H. Smith, J.M. Novak, J.R. Purdue, and S.P. Gashchak. High levels of fluctuating asymmetry in populations of *Apodemus flavicollis* from the most contaminated areas in Chornobyl. Journal of Environmental Radioactivity, 73:1-20, 2004

12. **Oleksyk, T.K.**, F.B. Golley, O.S. Sydor, R. Kish, M.H. Smith and S. Shevera. Eugene Odum: Nature has answers to the questions we ask [In Ukrainian]. Visnyk Nacionalnoi Akademii Nauk Ukrainy (Herald of the Ukrainian National Academy of Sciences), 6: 61-65, 2003
13. Smith, M.H., **T. K. Oleksyk**, and O. Tsyusko-Omeltchenko. Effect of trophic level on the radiocesium frequency distribution in aquatic and terrestrial ecosystems at Chernobyl and nuclear sites in the United States. In: Proceedings of the International Symposium: Transfer of Radionuclides in Biosphere - Prediction and Assessment. Mito Japan December 18-19, 2002. Japanese Atomic Energy Research Institute. Amano, H. and S. Uchida (eds.). pp. 37-48, 2003
14. **Oleksyk, T.K.**, M.H. Smith, T.G. Glenn, J.R. Purdue, C.H. Jagoe, and M.W. Smith. Radioactivity and genetic diversity in populations of *Apodemus flavicollis* from Chernobyl, Ukraine. In: International Conference on Radioactivity in the Environment. Eds. P. Borretzen, T. Jolle and P. Strand. Monaco: The International Union of Radioecology (IUR), in association with the Norwegian Radiation Protection Authority (NRPA), and the Journal of Environmental Radioactivity (JER), and in co-operation with the International Atomic Energy Agency (IAEA), pp. 167-171, 2002
15. **Oleksyk, T.K.**, S.P. Gaschak, T.C. Glenn, C.H. Jagoe, J.D. Peles, J.R. Purdue, O.V. Tsyusko, O.O. Zalisky, and M.H. Smith. Frequency distributions of ¹³⁷Cs in fish and mammal populations. Journal of Environmental Radioactivity 61:55-74, 2002
16. **Oleksyk, T.K.**, M.H. Smith, S.P. Gashchak, J.M. Novak, and J.R. Purdue. Problems with developmental stability in two rodent species from Chernobyl. Radioprotection-Colloques, 37(C1): 859-864, 2002.
17. Jagoe, C.H., A.J. Majeske, **T.K. Oleksyk**, T.C. Glenn, and M.H. Smith. Radiocesium concentrations and DNA strand breakage in two species of amphibians from the Chernobyl Exclusion Zone. Radioprotection-Colloques, 37(C1):873-878, 2002
18. Smith, M.H., J.M. Novak, **T.K. Oleksyk**, J.R. Purdue, and S.P. Gashchak. Fluctuating Asymmetry of Shape in Rodents from Radioactively Contaminated Environments at Chernobyl. In: Scientific and Technical Aspects of Chernobyl. Collection of Scientific Articles. Eds. V. Glygalo and A. Nosovsky. Slavutich, Ukraine: POLYTECHNIKA, volume 4. pp. 492-503, 2002
19. Bondarkov, M.D., S.P. Gashchak, J.A. Goryanaja, A.M. Maximenko, A.A. Shulga and **T.K. Oleksyk**. Peculiarities of the radioactive contamination of amphibians of Chernobyl Zone. In: Scientific and Technical Aspects of Chernobyl. Collection of Scientific Articles. Eds. V. Glygalo and A. Nosovsky. Slavutich, Ukraine: POLYTECHNIKA, volume 4. pp. 508-517, 2002
20. Smith, M.H., T.C. Glenn, **Oleksyk, T.K.**, C.H. Jagoe, O.V. Tsyusko, S.P. Gashchak, J.R. Purdue, O.O. Zalisky, and. Distributions of ¹³⁷Cs in fish and mammal populations in Chernobyl. In: Scientific and Technical Aspects of the International Cooperation in Chernobyl. Collection of Scientific Articles. Eds. V. Glygalo and A. Nosovsky. Slavutich, Ukraine: UKRATOMVYDAV, volume 3 pp. 431-38, 2001
21. Kish, R., and **T.K. Oleksyk**. Comparative analysis of the caryotype in *Lilium martagon L. (Liliaceae)*. [In Ukrainian with English summary]. Scientific Bulletin of Uzhgorod State University. Biology Series 8:135-140, 2000
22. **Oleksyk, T.K.**, and M.I. Bedej. The economical assessment of the consequences of the anthropogenic influence on forest ecosystems. [In Ukrainian]. In: Economics of Transcarpathia today and tomorrow: ways out of the crisis. Uzhgorod, Ukraine: PATENT, p.351-352, 1997
23. **Oleksyk, T.K.**. Use of path analysis in describing natural ecosystems. [In Ukrainian]. In: Materials of the International Seminar. Environmental Protection. Modern studies in Ecology and Microbiology. Uzhgorod, Ukraine, pp. 44-49, 1997

24. **Oleksyk, T.K.** Influence of different doses of roentgen irradiation on ontogenetic and morphometric parameters in *Vicia faba* L. [In Ukrainian with English Abstract]. Scientific Bulletin of the Uzhgorod State University. Biology Series 4:67-70, 1997
25. **Oleksyk, T.K.**, M.A. Barenblat, L.L. Kedebets, V.V. Symochko, I.I. Kozub, Kolopovets, Ja. M. Kopolovets, M.M. Hodovanets, G.V. Kostak, O.O Bruntsvyk, M.I. Markanych, V.M. Fasolya, S.V. Matushenko, O.V. Tsyusko. Some differences between the populations of small mammals in different plant associations of Transcarpathia [In Ukrainian with English Abstract]. Scientific Bulletin of the Uzhgorod State University. Biology Series 3:62-64, 1996
26. Bojko, N., **T.K. Oleksyk**, O.V. Tsyusko, and I.I. Chonka. A study of microflora of the intestinal tract of small mammals from the natural populations in Transcarpathia. [In Ukrainian with English Abstract]. Scientific Bulletin of the Uzhgorod State University, Biology Series 3:62-64, 1996
27. Sabov, V.O., O.S. Sidor, **T.K. Oleksyk**, and O.V. Tsyusko. Bioflavonoides in medicinal plants of Transcarpathia. [In Ukrainian with Russian and English resume]. In: Problems of Carpathian Agropromcomplex, 4:158-63, 1995
28. Bedej, M.I., V.M. Grytsak, N.V. Kuruts, O. J. Meteleshko, **T.K. Oleksyk**, and V.L. Toth. Several aspects of the ecological assessment of the present state of the forest ecosystems of Transcarpathia. [In Ukrainian with English Abstract]. Scientific Bulletin of the Uzhgorod State University. Biology Series 1:5-7, 1994

Peer Reviewed Papers: Submitted or in Preparation:

1. **Oleksyk, T.K.**, S.J. O'Brien and M.W. Smith. Scanning genomes for the footprints of historic selection. Proceedings of the Royal Society B. To be pulished January 2010.
2. Roberts, M., L. Goldfarb, M. W. Smith, and **T. K. Oleksyk**. Association of *IFNG* polymorphisms and Viliuisk Encephalomyelitis in Sakha population. To be submitted to: International Journal of Immunogenetics, December 2008

Conference Abstracts:

1. **Oleksyk T.K.**, Nelson, G.W., Jamba M., Smith, M.W., and Winkler C.A. Evolution and worldwide distribution of *APOL1*, *APOL2*, *APOL3*, *APOL4* and *MYH9* in human populations. Annual Meeting of the Society for Molecular Biology and Evolution, Barcelona, Spain. June 4-8, 2008
2. **Oleksyk, TK**, K. Zhao, De La Vega, F., Gilbert, D., O'Brien, S.J., and M.W. Smith. Identifying selected regions from heterozygosity and divergence using a light-coverage genomic dataset from two human populations. Annual Meeting of the Society for Molecular Biology and Evolution, Barcelona, Spain. June 4-8, 2008
3. Kopp, J.B., Smith, M.W, Johnson, R, Freedman, B.I., Bowden, D.W., **Oleksyk, T.K.**, McKenzie, L.M., Ahuja, T.S., Cho, M.E., Dart, R.A., Kimmel, P.L., Korbet, S.M., Michael, D.M., Mokryzcki, M.H., Schelling, J.R., Simon, E., Trachtman, H., David Vlahov, D., Hiroshi Kajiyama, K., Nelson, G.W., and Winkler C.A. Genome wide admixture mapping identifies a major effect risk gene for renal disease. Annual Meeting of the Society for Molecular Biology and Evolution, Barcelona, Spain. June 4-8, 2008
4. **Oleksyk T.K.**, Nelson, G.W., Jamba M., Smith, M.W., and Winkler C.A. Evolution and worldwide distribution of *APOL1*, *APOL2*, *APOL3*, *APOL4* and *MYH9* in human populations. Cold Spring Harbor Biology of Genomes 2008, Cold Spring Harbor, NY. May 6 - 10, 2006

5. Kopp, J.B., Smith, M.W., Johnson, R., Freedman, B.I., Bowden, D.W., **Oleksyk, T.K.**, McKenzie, L.M., Ahuja, T.S., Cho, M.E., Dart, R.A., Kimmel, P.L., Korbet, S.M., Michael, D.M., Mokryzcki, M.H., Schelling, J.R., Simon, E., Trachtman, H., David Vlahov, D., Hiroshi Kajiyama, K., Nelson, G.W., and Winkler C.A. Genome wide admixture mapping identifies a major effect risk gene for renal disease. Cold Spring Harbor Biology of Genomes 2008 Cold Spring Harbor, NY. May 6 - 10, 2006
6. **Oleksyk, TK**, K. Zhao, S.J. O'Brien, and M.W. Smith. Footprints of Selection. Cold Spring Harbor Biology of Genomes 2006 Cold Spring Harbor, NY. May 11 - 15, 2006
7. Roberts, M.L, S. Shrestha, A.L. Truelove, T.M. Sivtseva, A.P. Danilova, V.L. Osakovsky, L.G. Goldfarb, S.J. O'Brien, M.W. Smith, and **T. K. Oleksyk**. Genetic Association Between Interferon Gamma and Viliuisk Encephalomyelitis In: Genetic Aspects of human pathology. Problems of preservation of the native genetics of the Siberian North. May 10-11 Yakutsk, Sakha Republic, Russia, 2005
8. **Oleksyk, TK**, K. Zhao, S.J. O'Brien, and M.W. Smith. Identifying selected regions in humans from allele frequencies AND population divergence Cold Spring Harbor Biology of Genomes 2005 Cold Spring Harbor, NY May 11 - 15, 2005
9. Smith, M.W., **T.K. Oleksyk**, K.C. Cruz, A.L. Truelove, R.M. Stephens, and N. Volfovsky. Chimpanzee chromosome 23 vs. human 22: genomic insertion, deletion and ancestral indel polymorphisms Cold Spring Harbor Biology of Genomes 2005 Cold Spring Harbor, NY. May 11 - 15, 2005
10. Smith, M.H., C. Royal, J.R. Purdue, J.M. Novak, **T.K. Oleksyk**, and M. Weber. Genetic and morphological comparisons of *Cervid* species from the Yucatan peninsula. In: Annual Meeting of the American Society of Mammalogists p.361. Humboldt State University, Arcata, CA. 2004
11. Tsyusko-Omeltchenko, O.V., M.H. Smith, **T.K. Oleksyk**, M.W. Smith, and T.C. Glenn. Genetic diversity in *Typha latifolia* populations from radioactively contaminated and reference areas in Ukraine. October 30-31, 2003. Annual Conference for Plant Center Retreat. Amicalola Falls State Park, GA, 2003
12. Tsyusko-Omeltchenko O.V., M.H. Smith, **T.K. Oleksyk**, and T.C. Glenn. Microsatellite variability in *Typha latifolia* populations from radioactively contaminated areas in Ukraine. November 2003. SETAC 24th Annual Meeting in North America TX (platform presentation) p.36, 2003
13. **Oleksyk, T.K.**, S. Shrestha, S.J. O'Brien, L.G. Goldfarb, and M.W. Smith. Associations of the inflammatory gene polymorphisms and the Viliuisk Encephalomyelitis Syndrome. In: Annual Meeting of the American Society for Epidemiological Research, Atlanta, GA. The American Journal of Epidemiology 157 (11): 166 Suppl., 2003
14. **Oleksyk, T.K.**, C.L. Thio, A.L. Truelove, J.J. Goedert, S. Donfield, D.L. Thomas, S.J. O'Brien, M.W. Smith. Genetic linkage and association of single nucleotide polymorphisms in the IL10 region and HCV clearance. In: Annual Meeting of the American Society of Human Genetics. Los Angeles, California, 2003. The American Journal of Human Genetics, 73 (5): 384, 2003
15. Tsyusko, O.V., M.H. Smith, **T.K. Oleksyk**, and T.C. Glenn. Genetic diversity of *Typha* from control and radioactively contaminated areas in Ukraine. In: Annual meeting of the American Society for the Study of Evolution. Chico, California, p. 23, 2003
16. **Oleksyk, T.K.**, T. Sivtseva, A.P. Danilova, V.L. Osakovskiy, S.J. O'Brien, L.G. Goldfarb, and M.W. Smith. Association between Viliuisk Encephalomyelitis syndrome in Sakha People of Siberia and the inflammation gene polymorphisms. In: Annual Meeting of the American Society of Human Genetics. Baltimore, MD: The American Journal of Human Genetics, 71 (4): 1107, 2002

17. **Oleksyk, T.K.**, C.H. Jagoe, T.C. Glenn, and M.H. Smith. Radiocesium in two species of frogs (*Rana esculenta* and *Rana terrestris*) collected near Chernobyl, Ukraine. In: 21st Annual Meeting of the Society of the Environmental Toxicology and Chemistry. Nashville, TN: SETAC, 2000
18. **Oleksyk, T.K.** Microsatellite Variability in *Apodemus flavicollis*. In: Annual Meeting of the American Society of Mammalogists. Durham, NH. p. 8, 2000
19. Majeske, A.J., **T.K. Oleksyk**, and C.H. Jagoe. Effects of the ionizing radiation on DNA strand-breakage in amphibians. In: Annual Southeastern Regional Chapter of the Society of Toxicology. Athens, GA: SESOT, 2000
Kish, R., and T.K. Oleksyk. Representatives of genus *Typha* in Transcarpathia (Ukraine). [In Russian]. In: Vth All-Russia Conference on Aquatic Plants "Hydrobotany 2000". Borok, Russia, pp. 154-155, 2000
20. Kish, R., and **T.K. Oleksyk**. Pathways and rates of range expansion of *Typha laxmannii* Lepech. in Central Europe. In: Phytogeographical problems of synanthropic plants. Anthropisation and Environment of Rural Settlements, Flora and Vegetation. Cracow, Poland, p. 29, 2000
21. **Oleksyk, T.K.** Fluctuating asymmetry of skulls in populations *Apodemus flavicollis* in Chernobyl and Western Ukraine. In: International Radioecology Conference on the Consequences of the Chernobyl Meltdown. Slavutich, Ukraine, 1999
22. **Oleksyk, T.K.** Genetic variability in populations of *Apodemus flavicollis* in Chernobyl and Western Ukraine. In: Annual meeting of the American Society for the Study of Evolution. Madison, Wisconsin, 1999
23. **Oleksyk, T.K.** Fluctuating asymmetry of skulls of *Apodemus flavicollis* in Chernobyl and Western Ukraine. In: Annual Meeting of the American Society of Mammalogists. Seattle, WA, 1999
24. Kish, R., and **T.K. Oleksyk**. *Typha laxmannii* Lepech.: a new species of Transcarpathia flora [In Ukrainian]. In: Problems of Ecological Stability in the East Carpathians: International Scientific-Practical Conference devoted to the 10th anniversary of the Sinevir National Park. Sinevir, Ukraine, pp. 84-87, 1999
25. **Oleksyk, T.K.** Natural history of *Apodemus flavicollis* in Ukraine. In: Annual Meeting of the American Society of Mammalogists. Blacksburg, VA, 1998
26. **Oleksyk, T.K.** Variability of restriction types of mtDNA in *Apodemus flavicollis* from Ukraine. In: International European-American Mammalogy Congress (EEAMC). Santiago de Compostella, Spain, 1998
27. Lugovoj, A., V. Bodnar, A. Gerevich, V.M. Grytsak, V.Ju. Kuzma, O.Ju. Meteleshko, Ju. I. Meteleshko, **T.K. Oleksyk**, L.L. Pokrytyuk, and LA.. Potish. Nesting bird fauna of river Uzh. [In Ukrainian with English Summary]. In: International Conference: The Last Carpathian Fauna, its Present State and the Prospects of Preservation. Uzhhorod, Ukraine, pp. 122-125, 1993
28. **Oleksyk, T.K.** A study of the mutagenicity of the municipal wastes in the river Uzh using Ames test. [In Ukrainian]. In: Materials of the 47-th Scientific Conference. Biological Series. Uzhgorod, Ukraine, pp. 26-27, 1993
29. **Oleksyk, T.K.** Problems with recultivation of natural vegetation in the mercury ore mining fields. [In Russian]. In: Students and the Scientific and Technical Progress. Novosibirsk, Russia. Novosibirsk State University, Council of the Russian Academy of Sciences, p. 6, 1992

30. **Oleksyk, T.K.**, B.P. Matselukh, A.I. Turianitsa, and O.S. Sydor. A study of the mutagenicity of the municipal wastes using Ames test. [In Russian]. In: XV Mendeleev Congress of General and Applied Chemistry. Chemical Problems in Biology. Minsk, Belarus, pp. 4-5, 1992
31. **Oleksyk, T.K.** The natural vegetation of the mercury contaminated ore field in Transcarpathia. [In Ukrainian]. In: Materials of the State Scientific and Technical Conference. Uzhgorod, Ukraine, 1988
32. **Oleksyk, T.K.** *Taxus baccata*: its natural habitat and problems of protection. [In Ukrainian]. In: Ukrainian Republican Competition of Scientific Student Projects. Kyiv, Ukraine, 1987

Recent Invited Presentations:

Oleksyk, T. K. Invited Speaker, Lecture series for the students and faculty of the Department of Biology, Uzhgorod National University, 2004

Oleksyk, T.K. Invited speaker, for the students and faculty of the Department of Law at Uzhgorod State Institute of Information Sciences, Economics and Law (currently Transcarpathian State University), 2004.

Oleksyk, T. K. *Identifying selected regions from heterozygosity and divergence using a light-coverage genomic dataset.* Invited presentation at the Department of Animal Science, University of Illinois at Urbana-Champaign. March 6, 2008

Oleksyk, T. K. *Signatures of historic selection in the human genome.* Invited presentation at the Department of Statistical Genetics, School of Public Health, University of Alabama at Birmingham University of Illinois at Urbana-Champaign. March 20, 2008

Oleksyk, T. K. *Footprints of historic selection.* Invited presentation at the Department of Biology, University of Puerto Rico at Mayaguez. April 4, 2008

Oleksyk, T. K. *Scanning genomes for the footprints of historic selection.* Invited presentation for Research Experience for the Undergraduates program funded by NSF and HHMI at the Department of Biology, George Washington University. June 20, 2008

Oleksyk, T. K. *Genome wide scans for footprints of natural selection.* Invited presentation for the Department of Biology and Environmental Science, University College Dublin, Ireland. December 16, 2008

Teaching Experience:

2007-present	Adjunct Professor , Lecturer, Phylogenetics and Comparative Genomics (410.640). Zanvyl Krieger School of Arts and Sciences, Johns Hopkins University, Baltimore, MD
2008-present	Adjunct Professor , Lecturer, Molecular Evolution (410.619). Zanvyl Krieger School of Arts and Sciences, Johns Hopkins University, Baltimore, MD
2007-2009	Lecturer , Genome Analysis and Mapping (BMS 540). Hood College, Frederick, MD (every two years)
2006-2007	Adjunct Professor , Lecturer, General Biology (GSCI 102). Mount Saint Mary's University, Emmitsburg, MD
1999-2000	Instructor , Field Biology, Uzhgorod National University, Ukraine
1992-1995	Teaching assistant : General Biology (for majors), Animal Behavior, Introductory Ecology. Bowling Green State University, OH.
1990-1992	Training for Teachers in High School Biology. Certified as a high school teacher of Biology and Chemistry, Ukraine

Mentorships:

Summer 2007	Mentor , Karine Prosbic, NCI-CRTA
2006-2007	Mentor , Greg Gossweiler, NIH SIP, NCI-CRTA
2005-2006	Mentor , James Woo, NIH SIP (Student Internship Program, currently a freshman at the Johns Hopkins University)
2004-2005	Mentor , Monique Roberts, NIH SIP (currently a freshman at the Princeton University, NJ);
2003-2008	Mentor , Kai Zhao, NIH SIP (currently a sophomore at the University of Virginia)
2001-2003	Ph.D. Thesis Committee Member , Olga Tsyusko, The University of Georgia, Defended in 2003 (currently a postdoctoral fellow at the Savannah River Ecology Laboratory, Aiken SC)

Associations:

- Sigma Xi Scientific Research Society
- American Society of Human Genetics
- The International Union of Radioecology
- American Society of Mammalogists
- Shevchenko Scientific Society (American Society for Ukrainian Scientists)