

CURRICULUM VITAE

Sylwia Łukasik, PhD

Contact Information

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Faculty of Biology
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Research Interests

Skeletal biology of past populations (Central and South-Eastern Europe); Black Sea steppe warriors; bones and teeth as stress indicators; application of 3D methods in skeletal biology; assistive robots in healthcare

Academic Employment

2015-present Assistant Professor at the Institute of Human Biology and Evolution (former Institute of Anthropology) at the Adam Mickiewicz University in Poznań

Education

2017-2022 Poznan University of Medical Sciences
PhD degree in Medical Sciences with Distinction
Dissertation: Analysis of acceptance for gerontechnology as exemplified by socially assistive robots
Supervisor: Prof. Aleksandra Suwalska

2011-2015 Adam Mickiewicz University in Poznań
PhD degree in Biology, specialization: Anthropology
Dissertation: Biology of European Scythians: population dynamics and morphological responses to living conditions
Supervisors: Prof. Janusz Piontek & Dr. Marta Krenz-Niedbała

2009-2011 Adam Mickiewicz University in Poznań
MSc degree in Human Biology
Master thesis: Analysis of human developmental disorders in medieval and early modern populations based on dental enamel hypoplasia
Supervisor: Dr. Marta Krenz-Niedbała

2006-2009 Adam Mickiewicz University in Poznań
BSc degree in Human Biology
Bachelor's thesis: Environmental stress indicators in a medieval subadults from Ostrów Lednicki
Supervisor: Dr. Marta Krenz-Niedbała

Research Experience

As Principal Investigator

- 2022-2024** Factors underlying an effective adaptive strategy of Eurasian nomadic populations in the Early Iron Age
Funding: Initiative of Excellence - Research University (ID-UB 038/04/NP/0011)
- 2017-2019** Black Sea Scythians: do the biological traits of steppe warriors indicate the occurrence of recruitment into the army?
Funding: National Science Centre (2017/01/X/HS3/00234)
- 2013-2015** Analysis of the impact of morphometric variations in dental crowns on assessment of the age of enamel defects formation in past populations of central and south-eastern Europe with the use of 3D scanning
Funding: AMU Faculty of Biology (GDWB-1/2013)

As Collaborator or Team Member

- 2019-2022** Unfinished story. Over 100 years of discoveries in Malbork-Wielbark
Funding: National Science Centre (2016/21/B/HS3/03159)
Principal investigator: Prof. P. Łuczkiwicz (Maria Curie-Skłodowska University)
- 2017-2021** Enabling Robot and assisted living environment for Independent Care and Health Monitoring of the Elderly
Funding: EU Framework programme (Horizon 2020 6436914)
PI Poland: Prof. K. Wieczorowska-Tobis (Poznań University of Medical Sciences)
- 2016-2021** Reconstruction of cultural and biological dimensions of warriorhood in Corded Ware Culture communities of Lesser Poland
Funding: National Science Centre (2016/21/N/HS3/0047)
Principal investigator: R. Skrzyniecki (Adam Mickiewicz University in Poznań)
- 2012-2021** Funeral monuments of the Bronze and Iron Age on the left bank of the Lower Dniester littoral
Funding: Taras Shevchenko University (061100281)
Principal investigator: Dr. V. Sinika (Taras Shevchenko University in Tiraspol)
- 2015-2019** Rise or fall? Societies of Kujawy from Late Neolithic to Middle Bronze Age in the light of archaeological and specialised analyses
Funding: National Science Centre (2014/15/D/HS3/01304)
Principal investigator: Dr. Ł. Pospieszny (Polish Academy of Science)
- 2014-2018** Podolia as a cultural contact area in the 3rd – first half of the 2nd millennium BC
Funding: National Programme for the Development of Humanities (0108/NPH3/H12/82/2014)

Principal investigator: Prof. A. Koško (Adam Mickiewicz University in Poznań)

2011-2013 Skeletal indicators of living conditions and biological status of human population from the Roman period and early Middle Ages

Funding: State Committee for Scientific Research (N N303 600239)

Principal investigator: Prof. J. Piontek (Adam Mickiewicz University in Poznań)

2010-2013 Cognitive ageing – assessment of usefulness of the markers of inflammation and odor identification as the predictors of cognitive deterioration among elderly people

Funding: State Committee for Scientific Research (N N402 407539/2010)

Principal investigator: Prof. A. Suwalska (Poznań University of Medical Sciences)

Impact Factor Articles

Under review Walczak, A., Krenz-Niedbała, M., **Łukasik, S.** Insight into age-related changes of the human facial skeleton based on medieval European osteological collection. DOI: 10.21203/rs.3.rs-3175490/v1.

Under review Moraes, C., Krenz-Niedbała, M., **Łukasik, S.**, Serrano Prada, C., Forensic Facial Approximation of Achondroplastic Dwarf from Medieval Cemetery in Central Europe. DOI: 10.1101/2023.08.26.553833.

2022 Matczak, M.D., Krenz-Niedbała, M., **Łukasik, S.**, Buikstra, J.E., Wyrwa, A.M., Pearson, J. Skeletal dysplasia of an adult male from medieval Łekno in Poland, Central Europe. *International Journal of Osteoarchaeology*. DOI: 10.1002/oa.3155.

2022 Łuczkiwicz, P., Pospieszny, Ł., Bełka, Z., **Łukasik, S.**, Krenz-Niedbała, M., Kuzioła, A., & Kleemann, J. Elusive Goths in northern Poland: Initial isotopic insights of the pre-Roman and Roman period populations from the Wielbark Culture cemetery in Malbork-Wielbark. *Praehistorische Zeitschrift*. DOI: 10.1515/pz-2022-2030.

2022 Lazaridis, I., Alpaslan-Roodenberg, S., Acar, A., Açikkol, A., Agelarakis, A., Aghikyan, L., Akyüz, U., Andreeva, D., Andrijasevic, G., Antonović, D., Armit, I., Atmaca, A., Avetisyan, P., Aytekin, A.I., Bacvarov, K., Badalyan, R., Bakardzhiev, S., Balen, J., Bejko, L., Bernardos, R., Bertatos, A., Biber, H., Bilir, A., Bodružić, M., Bonogofsky, M., Bonsall, C., Borić, D., Borovinić, N., Morante, G.B., Buttinger, K., Callan, K., Candilio, F., Carić, M., Cheronet, O., Chohadzhiev, S., Chovalopoulou, M-E., Chrissyoulaki, S., Ciobanu, I., Čondić, N., Constantinescu, M., Cristiani, E., Culleton, B.J., Curtis, E., Davis, J., Demcenco, T.I., Dergachev, V., Derin, Z., Deskaj, S., Devejian, S., Djordjević, S., Duffett Carlson, K.S., Eccles, L.R., Elenski, N., Engin, A., Erdoğan, N., Erir-Pazarci, S., Fernandes, D.M., Ferry, M., Freilich, S., Frînculeasa, A., Galaty, M.L., Gamarra, B., Gasparyan, B., Gaydarska, B., Genç, E., Gültekin, T., Gündüz, S., Hajdu, T., Heyd, V., Hobosyan, S., Hovhannisyann, N., Iliev, I., Iliev, L., Iliev, S., İvgin, İ., Janković, I., Jovanova, L., Karkanias, P., Kavaz-Kindiğılı, B., Kaya, E.H., Keating, D., Kennett, D., Deniz Kesici, S., Khudaverdyan, A., Kiss, K., Kiliç, S., Klostermann, P., Kostak Boca Negra Valdes, S., Kovačević, S., Krenz-Niedbała, M., Krznarić Škrivanko, M., Kurti, R., Kuzman, P., Lawson, A.M., Lazarc, C., Leshtakov, K., Levy, T.E., Liritzis, I., Lorentz, K.O., **Łukasik, S.**, Mah, M., Mallick, S., Mandl, K., Martirosyan-Olshansky, K., Matthews, R., Matthews, W., McSweeney, K., Melikyan, V., Micco, A., Michel, M., Milasinovic, L., Mitnik, A., Monge, J.M., Nekhrizov, G., Nicholls, R., Nikitin, A.G., Nikolov, V., Novak, M., Olalde, I., Oppenheimer, J., Osterholtz, A., Özdemir, C., Özdoğan, K.T., Öztürk, N.,

Papadimitriou, N., Papakonstantinou, N., Papathanasiou, A., Paraman, L., Paskary, E.G., Patterson, N., Petrakiev, I., Petrosyan, L., Petrova, V., Philippa-Touchais, A., Piliposyan, A., Pocuca Kuzman, N., Potrebica, H., Preda-Bălănică, B., Premužić, Z., Price, T.D., Qiu, L., Radović, S., Raeuf Aziz, K., Rajić Šikanjić, P., Rasheed Raheem, K., Razumov, S., Richardson, A., Roodenberg, J., Ruka, R., Russeva, V., Şahin, M., Şarbak, A., Savaş, E., Schattke, C., Schepartz, L., Selçuk, T., Sevim-Erol, A., Shamooun-Pour, M., Shephard, H.M., Sideris, A., Simalcsik, A., Simonyan, H., Sinika, V., Sirak, K., Sirbu, G., Šlaus, M., Soficaru, A., Söğüt, B., Sołtysiak, A., Sönmez-Sözer, Ç., Stathi, M., Steskal, M., Stewardson, K., Stocker, S., Suata-Alpaslan, F., Suvorov, A., Szécsényi-Nagy, A., Szeniczey, T., Telnov, N., Temov, S., Todorova, N., Tota, U., Touchais, G., Triantaphyllou, S., Türker, A., Ugarković, M., Valchev, T., Veljanovska, F., Videvski, Z., Virag, C., Wagner, A., Walsh, S., Włodarczak, P., Workman, J.N., Yardumian, A., Yarovoy, E., Yavuz, A.Y., Yılmaz, H., Zalzal, F., Zettl, A., Zhang, Z., Çavuşoğlu, R., Rohland, N., Pinhasi, R. & Reich, D. The genetic history of the Southern Arc: A bridge between West Asia and Europe. *Science*. 2022.

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Lazaridis, I., Alpaslan-Roodenberg, S., Acar, A., Açikkol, A., Agelarakis, A., Aghikyan, L., Akyüz, U., Andreeva, D., Andrijasevic, G., Antonović, D., Armit, I., Atmaca, A., Avetisyan, P., Aytek, A.İ., Bacvarov, K., Badalyan, R., Bakardzhiev, S., Balen, J., Bejko, L., Bernardos, R., Bertsatos, A., Biber, H., Bilir, A., Bodružić, M., Bonogofsky, M., Bonsall, C., Borić, D., Borovinić, N., Morante, G.B., Buttinger, K., Callan, K., Candilio, F., Carić, M., Cheronet, O., Chohadzhiev, S., Chovalopoulou, M-E., Chrissyoulaki, S., Ciobanu, I., Čondić, N., Constantinescu, M., Cristiani, E., Culleton, B.J., Curtis, E., Davis, J., Demcenco, T.I., Dergachev, V., Derin, Z., Deskaj, S., Devejian, S., Djordjević, S., Duffett Carlson, K.S., Eccles, L.R., Elenski, N., Engin, A., Erdoğan, N., Erir-Pazarci, S., Fernandes, D.M., Ferry, M., Freilich, S., Frînculeasa, A., Galaty, M.L., Gamarra, B., Gasparyan, B., Gaydarska, B., Genç, E., Gültekin, T., Gündüz, S., Hajdu, T., Heyd, V., Hobosyan, S., Hovhannisyann, N., Iliev, I., Iliev, L., Iliev, S., İvgin, İ., Janković, I., Jovanova, L., Karkanias, P., Kavaz-Kindiğılı, B., Kaya, E.H., Keating, D., Kennett, D., Deniz Kesici, S., Khudaverdyan, A., Kiss, K., Kılıç, S., Klostermann, P., Kostak Boca Negra Valdes, S., Kovačević, S., Krenz-Niedbala, M., Krznarić Škrivanko, M., Kurti, R., Kuzman, P., Lawson, A.M., Lazarc, C., Leshtakov, K., Levy, T.E., Liritzis, I., Lorentz, K.O., **Łukasik, S.**, Mah, M., Mallick, S., Mandl, K., Martirosyan-Olshansky, K., Matthews, R., Matthews, W., McSweeney, K., Melikyan, V., Micco, A., Michel, M., Milasinovic, L., Mitnik, A., Monge, J.M., Nekhrizov, G., Nicholls, R., Nikitin, A.G., Nikolov, V., Novak, M., Olalde, I., Oppenheimer, J., Osterholtz, A., Özdemir, C., Özdoğan, K.T., Öztürk, N., Papadimitriou, N., Papakonstantinou, N., Papathanasiou, A., Paraman, L., Paskary, E.G., Patterson, N., Petrakiev, I., Petrosyan, L., Petrova, V., Philippa-Touchais, A., Piliposyan, A., Pocuca Kuzman, N., Potrebica, H., Preda-Bălănică, B., Premužić, Z., Price, T.D., Qiu, L., Radović, S., Raeuf Aziz, K., Rajić Šikanjić, P., Rasheed Raheem, K., Razumov, S., Richardson, A., Roodenberg, J., Ruka, R., Russeva, V., Şahin, M., Şarbak, A., Savaş, E., Schattke, C., Schepartz, L., Selçuk, T., Sevim-Erol, A., Shamooun-Pour, M., Shephard, H.M., Sideris, A., Simalcsik, A., Simonyan, H., Sinika, V., Sirak, K., Sirbu, G., Šlaus, M., Soficaru, A., Söğüt, B., Sołtysiak, A., Sönmez-Sözer, Ç., Stathi, M., Steskal, M., Stewardson, K., Stocker, S., Suata-Alpaslan, F., Suvorov, A., Szécsényi-Nagy, A., Szeniczey, T., Telnov, N., Temov, S., Todorova, N., Tota, U., Touchais, G., Triantaphyllou, S., Türker, A., Ugarković, M., Valchev, T., Veljanovska, F., Videvski, Z., Virag, C., Wagner, A., Walsh, S., Włodarczak, P., Workman, J.N., Yardumian, A., Yarovoy, E., Yavuz, A.Y., Yılmaz, H., Zalzal, F., Zettl, A., Zhang, Z., Çavuşoğlu, R., Rohland, N., Pinhasi, R. &

Reich, D. A genetic probe into the ancient and medieval history of Southern Europe and West Asia. *Science*. 2022.

- 2022** Lazaridis, I., Alpaslan-Roodenberg, S., Acar, A., Açıkkol, A., Agelarakis, A., Aghikyan, L., Akyüz, U., Andreeva, D., Andrijasevic, G., Antonović, D., Armit, I., Atmaca, A., Avetisyan, P., Aytek, A.İ., Bacvarov, K., Badalyan, R., Bakardzhiev, S., Balen, J., Bejko, L., Bernardos, R., Bertatos, A., Biber, H., Bilir, A., Bodružić, M., Bonogofsky, M., Bonsall, C., Borić, D., Borovinić, N., Morante, G.B., Buttinger, K., Callan, K., Candilio, F., Carić, M., Cheronet, O., Chohadzhiev, S., Chovalopoulou, M-E., Chrissyoulaki, S., Ciobanu, I., Čondić, N., Constantinescu, M., Cristiani, E., Culleton, B.J., Curtis, E., Davis, J., Demcenco, T.I., Dergachev, V., Derin, Z., Deskaj, S., Devejian, S., Djordjević, S., Duffett Carlson, K.S., Eccles, L.R., Elenski, N., Engin, A., Erdoğan, N., Erir-Pazarci, S., Fernandes, D.M., Ferry, M., Freilich, S., Frînculeasa, A., Galaty, M.L., Gamarra, B., Gasparyan, B., Gaydarska, B., Genç, E., Gültekin, T., Gündüz, S., Hajdu, T., Heyd, V., Hobosyan, S., Hovhannisyan, N., Iliev, I., Iliev, L., Iliev, S., İvgin, İ., Janković, I., Jovanova, L., Karkanis, P., Kavaz-Kindiğili, B., Kaya, E.H., Keating, D., Kennett, D., Deniz Kesici, S., Khudaverdyan, A., Kiss, K., Kılıç, S., Klostermann, P., Kostak Boca Negra Valdes, S., Kovačević, S., Krenz-Niedbała, M., Krznarić Škrivanko, M., Kurti, R., Kuzman, P., Lawson, A.M., Lazarc, C., Leshtakov, K., Levy, T.E., Liritzis, I., Lorentz, K.O., **Łukasik, S.**, Mah, M., Mallick, S., Mandl, K., Martirosyan-Olshansky, K., Matthews, R., Matthews, W., McSweeney, K., Melikyan, V., Micco, A., Michel, M., Milasinovic, L., Mitnik, A., Monge, J.M., Nekhrizov, G., Nicholls, R., Nikitin, A.G., Nikolov, V., Novak, M., Olalde, I., Oppenheimer, J., Osterholtz, A., Özdemir, C., Özdoğan, K.T., Öztürk, N., Papadimitriou, N., Papakonstantinou, N., Papatasiou, A., Paraman, L., Paskary, E.G., Patterson, N., Petrakiev, I., Petrosyan, L., Petrova, V., Philippa-Touchais, A., Piliposyan, A., Pocuca Kuzman, N., Potrebica, H., Preda-Bălănică, B., Premužić, Z., Price, T.D., Qiu, L., Radović, S., Raeuf Aziz, K., Rajić Šikanjić, P., Rasheed Raheem, K., Razumov, S., Richardson, A., Roodenberg, J., Ruka, R., Russeva, V., Şahin, M., Şarbak, A., Savaş, E., Schattke, C., Schepartz, L., Selçuk, T., Sevim-Erol, A., Shamooun-Pour, M., Shephard, H.M., Sideris, A., Simalcsik, A., Simonyan, H., Sinika, V., Sirak, K., Sirbu, G., Šlaus, M., Soficaru, A., Söğüt, B., Sołtysiak, A., Sönmez-Sözer, Ç., Stathi, M., Steskal, M., Stewardson, K., Stocker, S., Suata-Alpaslan, F., Suvorov, A., Szécsényi-Nagy, A., Szeniczey, T., Telnov, N., Temov, S., Todorova, N., Tota, U., Touchais, G., Triantaphyllou, S., Türker, A., Ugarković, M., Valchev, T., Veljanovska, F., Videvski, Z., Virag, C., Wagner, A., Walsh, S., Włodarczak, P., Workman, J.N., Yardumian, A., Yarovoy, E., Yavuz, A.Y., Yılmaz, H., Zalzala, F., Zettl, A., Zhang, Z., Çavuşoğlu, R., Rohland, N., Pinhasi, R. & Reich, D. Ancient DNA from Mesopotamia suggests distinct pre-pottery and pottery Neolithic migrations into Anatolia. *Science*. 2022.
- 2022** Krenz-Niedbała, M., **Łukasik, S.**, Macudziński, J., & Chowański. S. Morphometry of auditory ossicles in medieval human remains from Central Europe. *The Anatomical Record*, 305(8), 1947-1961.
- 2021** **Łukasik, S.**, Tobis, S., Suwalska, J., Łojko, D., Napierała, M., Proch, M., Neumann-Podczaska, A., & Suwalska, A. (2021). The Role of Socially Assistive Robots in the Care of Older People: To Assist in Cognitive Training, to Remind or to Accompany? *Sustainability*. 13(18), 10394.
- 2021** **Łukasik, S.**, Bijak J., Krenz-Niedbała, M., & Sinika, V. (2021). Paleodemographic analysis of age at death for a population of Black Sea Scythians: An exploration by

- using Bayesian methods. *American Journal of Physical Anthropology*, 174(4), 595-613.
- 2020** **Łukasik, S.**, Tobis, S., Kropińska, K., & Suwalska, A. (2020). The role of an assistive robot in care for older persons: opinions of medical and nursing students. *Journal of Medical Internet Research*, 22(8), e18003.
- 2019** **Łukasik, S.**, Krenz-Niedbała, M., Zdanowicz, M., Róžański, A., & Olszacki, T. (2019). Victims of a 17th century massacre in Central Europe: Perimortem trauma of castle defenders. *International Journal of Osteoarchaeology*, 29(2), 281-293.
- 2018** Krzewińska, M., Kılınc, G., Juras, A., Koptekin, D., Chyleński, M., Nikitin, A., Shcherbakov, N., Shuteleva, I., Leonova, T., Kraeva, L., Sungatov, F.A., Sultanova, A.N., Potekhina, I., **Łukasik, S.**, Krenz-Niedbała, M., Dalén, L., Sinika, V., Jakobsson, M., Storå, J., & Götherström, A. (2018). Ancient genomes suggest the eastern Pontic-Caspian steppe as the source of western Iron Age nomads. *Science Advances*, 4(10), eaat4457.
- 2018** **Łukasik, S.**, Tobis, S., Wieczorowska-Tobi, K., & Suwalska, A. (2018). Could Robots Help Older People with Age-Related Nutritional Problems? Opinions of Potential Users. *International Journal of Environmental Research and Public Health*, 15(11), 2535.
- 2017** **Łukasik, S.**, Bijak, J., Krenz-Niedbała, M., Liczbińska, G., Sinika, V., & Piontek, J., (2017). Warriors die young increased mortality in early adulthood of Scythians from Glinoe, Moldova, fourth through second centuries bc. *Journal of Anthropological Research*, 73(4), 584-616.
- 2017** Juras, A., Chyleński, M., Krenz-Niedbała, M., Malmström, H., Ehler, E., Pospieszny, Ł., **Łukasik, S.**, Bednarczyk, J., Piontek, J., Jakobsson, M., & Dabert, M. (2017). Investigating kinship of Neolithic post-LBK human remains from Krusza Zamkowa, Poland using ancient DNA. *Forensic science international. Genetics*, 26, 30-39.
- 2017** Juras, A., Krzewińska, M., Nikitin, A., Ehler, E., Chyleński, M., **Łukasik, S.**, Krenz-Niedbała, M., Sinika, V., Piontek, J., Ivanova, S., Dabert, M., & Götherström, A. (2017). Diverse origin of mitochondrial lineages in Iron Age Black Sea Scythians. *Scientific Reports*, 7, 43950.
- 2017** Krenz-Niedbała, M., & **Łukasik, S.** (2017). Skeletal Evidence for Otitis Media in Mediaeval and Post-Mediaeval Children from Poland, Central Europe Otitis Media in Mediaeval Children. *International Journal of Osteoarchaeology*, 27(3), 375-386.
- 2016** Krenz-Niedbała, M., & **Łukasik, S.** (2016). Prevalence of chronic maxillary sinusitis in children from rural and urban skeletal populations in Poland. *International Journal of Paleopathology*, 15, 103-112.
- 2014** Łojko, D., Pałys, W., Czajkowska, A., Wieczorowska-Tobis, K., **Łukasik, S.**, Górna, K., Sobieska, M., Gajewska, E., & Suwalska, A. (2014). Association of cognitive performance with the physical activity and body mass index in middle-aged and older rural inhabitants. *European review for medical and pharmacological sciences*, 18(23), 3645-3652.
- 2014** **Łukasik, S.**, & Krenz-Niedbała, M. (2014). Age of linear enamel hypoplasia formation based on Massler and colleagues' and Reid and Dean's standards in a Polish sample dated to 13th-18th century CE. *Homo*, 65(4), 296-310.

Book Chapters

- 2020** Krenz-Niedbała, M., & **Łukasik, S.** (2020). Urban-Rural Differences in Respiratory Tract Infections in Medieval and Early Modern Polish Subadult Samples. In T. K. Bestingerm & S. N. DeWitte (Eds.), *The Biorachaeology of Urbanization. The Biological, Demographic, and Social Consequences of Living in Cities*: Springer, pp. 245-272.
- 2019** Olszacki, T., Różański, A., **Łukasik, S.**, & Krenz-Niedbała, M. (2019). Szwedzkie oblężenie zamku w Gołańczy 3 maja 1656 roku w świetle źródeł pisanych oraz badań archeologicznych i antropologicznych. In P. Laska & P. Sypczuk (Eds.), *Residentiae in temporis belliet pacis. Materiały do badań i ochrony założeń rezydencjonalnych i obronnych* (Vol. 2, pp. 198-225). Warszawa: Instytut Sztuki Polskiej Akademii Nauk.
- 2017** Budnik, A., Krenz-Niedbała, M., & **Łukasik, S.** (2017). Analiza antropologiczna późnoneolitycznych ludzkich szczątków kostnych z grobowca w Kierzkowie. In S. Nowaczyk, Ł. Pospieszny, & I. Sobkowiak-Tabaka (Eds.), *Megalityczny grobowiec kultury amfor kulistych z Kierzkowa na Płukach. Milczący świadek kultu przodków z epoki kamienia* (pp. 223-250). Biskupin: Muzeum Archeologiczne w Biskupinie.
- 2017** Drozd-Lipińska, A., & **Łukasik, S.** (2017a). Katalog kości luźnych In J. Lewandowska (Ed.), *Późnośredniowieczny kompleks osadniczy w Starym Rypinie* (pp. 340-354). Toruń: Wydawnictwo Adam Marszałek.
- 2017** Drozd-Lipińska, A., & **Łukasik, S.** (2017b). Katalog pochówków. In J. Lewandowska (Ed.), *Późnośredniowieczny kompleks osadniczy w Starym Rypinie* (pp. 308-340). Toruń: Wydawnictwo Adam Marszałek.
- 2017** Drozd-Lipińska, A., & **Łukasik, S.** (2017c). Ludzkie szczątki kostne. Analiza antropologiczna. In J. Lewandowska (Ed.), *Późnośredniowieczny kompleks osadniczy w Starym Rypinie* (pp. 298-305). Toruń: Wydawnictwo Adam Marszałek.
- 2017** Fidelsky, S., & **Łukasik, S.** (2017). *The Early Iron Age anthropological materials from the excavations of the Chobrichi settlement on the left bank of the Lower Dniestr*. Paper presented at the Interdisciplinary research in Iron Age sites from the Tisa-Dniester area, Saharna.
- 2015** **Łukasik, S.**, Kalinowski, T., & Krenz-Niedbała, M. (2015). Analiza zróżnicowania morfometrycznego koron zębowych w populacjach pradziejowych z wykorzystaniem metod 3D In M. Kuczera & K. Piech (Eds.), *Zagadnienia aktualnie poruszane przez młodych naukowców cz. 2* (pp. 89-92). Kraków: Creativetime.
- 2013** Iwanek, B., **Łukasik, S.**, & Piontek, J. (2013). Analiza antropologiczna ludzkich szczątków kostnych pochodzących z cmentarzyska w Beżławkach, gm. Reszel, stanowisko XV (sezony 2010-2011) In A. Koperkiewicz (Ed.), *Beżławki – Ocalić od zniszczenia. Gdańskie Studia Archeologiczne. Seria Monografie, nr 3* (pp. 160-183). Gdańsk: Instytut Archeologii i Etnologii Uniwersytetu Gdańskiego.
- 2013** Łojko, D., Pałys, W., **Łukasik, S.**, Górna, K., & Suwalska, A. (2013). Funkcjonowanie poznawcze mieszkańców terenów wiejskich Wielkopolski – wpływ wieku i stanu zdrowia In P. Błądowski, A. Stogowski, & K. Wieczorowska-Tobis (Eds.), *Wyzwania*

współczesnej gerontologii (pp. 137-155). Poznań: Wydawnictwo Naukowe Wyższej Szkoły Nauk Humanistycznych i Dziennikarstwa w Poznaniu.

- 2011** Budnik, A., Lasiński, D., **Łukasik, S.**, & Solska, B. (2011). Sekcja Antropologiczna In A. Nowosad (Ed.), *Koło Naukowe Przyrodników Uniwersytetu im. Adama Mickiewicza w Poznaniu w latach 2001-2010. Materiały do dziejów KNP Część III* (pp. 25-31). Poznań: Bogucki Wydawnictwo Naukowe.
- 2011** **Łukasik, S.** (2011). Analiza zaburzeń rozwoju osobnicznego w populacji średniowiecznej i wczesnonowożytnej na podstawie oceny pojawiania się hipoplazji szkliwa In B. Borowska-Struginska, M. Kurek, & A. Spinek (Eds.), *Nic co ludzkie nie jest mi obce - środowisko biologiczne i kulturowe człowieka na przestrzeni wieków* (pp. 32-37). Łódź: Wydawnictwo Uniwersytetu Łódzkiego.
- 2011** **Łukasik, S.**, Stachura, K., & Jurdziak, N. (2011). Kaszubskie tradycje a miłość rodzinna. Ocena płodności i jej zmian w czasie. In K. Latowski (Ed.), *Problemy biologiczne współczesnego świata* (pp. 51-55). Poznań: Wydawnictwo Kontekst.

Other Publications

- 2020** Sinika, V., Pospieszny, L., & **Łukasik, S.** (2020). Arkheologicheskoye i radiouglerodnoye datirovaniye skifskogo mogilnika u s. Glinoye. *Rossiyskaya arkheologiya*, 3, 7-15.
- 2020** Sinika, V., Lysenko, S., Razumov, S., Tel'nov, N., & **Łukasik, S.** (2020). Kurgan 11 grupy "Sad" v nizhnem Podnestrov'ye i sovremennoye "mifotvorchestvo" o skifskikh "amazonkakh". *Nizhnevolzhskiy arkheologicheskij vestnik*, 19(1), 65-101.
- 2019** Val'chak, S., Sinika, V., **Łukasik, S.**, Pospieszny, Ł., & Gorbol, N. (2019). Predskifskiye pogrebeniya grupy „Sad” u s. Glinoye nalevoberezh'ye Nizhnego Dnestra. *Revista de Arheologie, Antropologie și Studii Interdisciplinare*, 2, 159-182
- 2015** Lytvynova, L., **Łukasik, S.**, Żurkiewicz, D., Gwizdała, M., Chyleński, M., Mamström, H., Jakobsson, M., & Juras, A. (2015). Anthropological description of skeletal material from the Dniester Barrow-Cemetery Complex, Yampil District, Vinnitsa Oblast (Ukraine). *Baltic-Pontic Studies*, 20(1), 292-335.

Conference Presentations

- 2023** Walczak, A., Krenz-Niedbała, M., **Łukasik, S.** Zmiany twarzoczaszki wraz z wiekiem u osobników dorosłych z populacji średniowiecznej w Cedyńi. Paper presented at the XLIX Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Gdańsk, Poland. 20-23 September 2023.
- 2023** Krenz-Niedbała, M., Gratkowska, M., Andrzejczak, S., **Łukasik, S.** Zależności między szkieletowymi wyznacznikami stresu fizjologicznego w średniowiecznej populacji z Cedyńi. Paper presented at the XLIX Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Gdańsk, Poland. 20-23 September 2022.

- 2023** Walczak, A., Krenz-Niedbała, M., **Łukasik, S.** Age-related changes of facial skeleton in adults from medieval cemetery sample in Central Europe. European Association of Archaeologists Meeting, Belfast, Irland, 30 August - 2 September 2023.
- 2022** Woźniak, W., Krenz-Niedbała, M., & **Łukasik, S.** Zastosowanie metod 3D do rekonstrukcji aktywności fizycznej na podstawie zmian entezalnych kości ludzkich. Paper presented at the XLVIII Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Łódź, Poland. 21-23 September 2022.
- 2022** Krenz-Niedbała, M., **Łukasik, S.**, Macudziński, J., & Chowański, S. Zróżnicowanie morfometryczne ludzkich kosteczek słuchowych w szkieletowych populacjach z ziem polskich. Paper presented at the XLVIII Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Łódź, Poland. 21-23 September 2022.
- 2023** Walczak, A., Krenz-Niedbała, M., & **Łukasik, S.** Zmiany w obrębie oczodołów związane z procesami starzenia się w średniowiecznej populacji z Cedyńi. Paper presented at the XLVIII Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Łódź, Poland. 21-23 September 2022.
- 2022** Woźniak, W., Krenz-Niedbała, M., & **Łukasik, S.** Rekonstrukcja aktywności fizycznej w populacjach szkieletowych – badania interdyscyplinarne, Funeralia Lednicko-Gnieźnieńskie, Gniezno, Poland. 18-19 May 2022.
- 2022** Walczak, A., Krenz-Niedbała, M., & **Łukasik, S.** Interdyscyplinarny charakter badań dotyczących starzenia się szkieletu w populacjach historycznych, Funeralia Gnieźnieńskie, Gniezno, Poland. 18-19 May 2022.
- 2021** **Łukasik, S.**, Bijak J., Krenz-Niedbała, M., & Sinika, V. *Bayesian approach in paleodemography: the question of poorly preserved skeletal remains*. European Association of Archaeologists Meeting, Kiel, Germany, 6-11 September 2021.
- 2021** Walczak, A., Krenz-Niedbała, M., & **Łukasik, S.** *Zmiany wysokości trzonu szczęki towarzyszące procesom starzenia u osobników dorosłych ze średniowiecznej populacji z Cedyńi*. Funeralia Lednicko-Gnieźnieńskie, Gniezno, Poland. 21-22 September 2021.
- 2021** Woźniak, W., Krenz-Niedbała, M., & **Łukasik, S.** *Przegląd metod analizy aktywności fizycznej w ludzkich populacjach szkieletowych*. Funeralia Lednicko-Gnieźnieńskie, Gniezno, Poland. 21-22 September 2021.
- 2021** Matczak, M., Buikstra, J.E., Pearson, J., Wyrwa, A.M., Krenz-Niedbała, M., & **Łukasik, S.** *Osteobiography of a male with achondroplastic dwarfism in the 14th-16th century in Łekno, Poland*. Post-Medieval Archaeology Conference, UK. 28-30 May 2021.
- 2021** Matczak, M., Buikstra, J.E., Wyrwa, A.M., Pearson, J., Krenz-Niedbała, M., & **Łukasik, S.** *Advanced degenerative spinal disease as impairment and disability in adult female from early modern period in Łekno, Poland*. British Association for Biological Anthropology and Osteoarchaeology, Middlesbrough, UK. 17 September 2021.
- 2021** Matczak, M., Wyrwa, A.M., Krenz-Niedbała, M., **Łukasik, S.**, Buikstra, J.E., & Pearson, J. *Osteobiografia mężczyzny z karłowatością achondroplastyczną w XIV-*

XVI wieku w Łeknie. Funeralia Lednicko-Gnieźnieńskie, Gniezno, Poland, 21-22 September 2021.

- 2021** Matczak, M., Krenz-Niedbała, M., **Łukasik, S.**, Buikstra, J.E., Wyrwa, A.M., & Pearson, J. *Skeletal dysplasia diagnosed as achondroplastic dwarfism in an adult male from the 14th-16th century in Łekno, Poland*. 7th Portuguese Conference on Paleopathology, Évora, Portugal, 24-25 September 2021.
- 2019** Krenz-Niedbała, M., & **Łukasik, S.** *Szkieletowe wyznaczniki chorób układu oddechowego u średniowiecznych i wczesnonowożytnych dzieci z terenu Polski*. Paper presented at the XLVII Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Kraków, Poland. 11-13 September 2019.
- 2019** Krenz-Niedbała, M., **Łukasik, S.**, Juras, A., Chyleński, M., Szostek, K., & Lisowska-Gaczorek, A. *Double Burial from Czermno (South-Eastern Poland) in the Light of Anthropological, Archaeological, Isotopic, and Genetic Data*. Paper presented at the International Medieval Congress, Leeds, UK. 1-4 July 2019.
- 2019** **Łukasik, S.**, Bijak, J., Krenz-Niedbała, M., & Sinika, V. *Black Sea steppe warriors: health status and demographic structure of the Scythians from Moldova (4th-2nd c. BC)*. Paper presented at the 88th Annual Meeting of American Association of Physical Anthropologists, Cleveland, USA. 25-30 March 2019.
- 2019** Skrzynecki, R., Krenz-Niedbała, M., **Łukasik, S.**, & Woźniak, W. *Health and social rank of the Corded Ware population from Żerniki Górne, Poland, dated to 2600-2300 BC*. Paper presented at the Socio-Environmental Dynamics over the Last 15,000 Years: The Creation of Landscapes VI, Kiel, Germany. 11-16 March 2019.
- 2018** Krenz-Niedbała, M., & **Łukasik, S.** *Biological profile and paleopathology of individuals from the burial in the rampart of the stronghold in Czermno*. Paper presented at the Cherven' Towns - The Golden apple of Polish archaeology, Hrubieszów, Poland. 27-29 June 2018.
- 2017** Krenz-Niedbała, M., **Łukasik, S.**, Różański, A., Olszacki, T., & Zdanowicz, M. *Urazy perimortem u osobników z grobu masowego w Gołańczy, XVII w.* Paper presented at the XLVI Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Poznań, Poland. 13-15 September 2017.
- 2017** **Łukasik, S.**, Bijak, J., Krenz-Niedbała, M., Liczbińska, G., Sinika, V., & Piontek, J. *Wojownicy umierają młodo: o paleodemografii Scytów*. Paper presented at the XLVI Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Poznań, Poland. 13-15 September 2017.
- 2017** Fidelsky, S., & **Łukasik, S.** *The Early Iron Age anthropological materials from the excavations of the Chobrichi settlement on the left bank of the Lower Dniestr*. Paper presented at the Interdisciplinary research in Iron Age sites from the Tisa-Dniester area, Saharna, Moldova. 13-16 July 2017.
- 2016** Krenz-Niedbała, M., & **Łukasik, S.** *Auditory ossicles in human skeletal remains: pathology or taphonomy?* Paper presented at the 20th Congress of the European Anthropological Association, Zagreb, Croatia. 24-28 August 2016.
- 2016** **Łukasik, S.**, Liczbińska, G., Krenz-Niedbała, M., Sinika, V., & Piontek, J. *Black Sea steppe warriors: biodemography of the Scythians from Moldova (4th-2nd c. BC)*.

Paper presented at the 20th Congress of the European Anthropological Association, Zagreb, Croatia. 24-28 August 2016.

- 2015** Krenz-Niedbała, M., & **Łukasik, S.** *Chroniczne zapalenie zatok szczękowych u dzieci z osady grodowej i wiejskiej w dawnej Polsce.* Paper presented at the XLV Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Poznań, Poland. 16-18 September 2015.
- 2015** **Łukasik, S.**, Krenz-Niedbała, M., & Piontek, J. *Nadczarnomorscy stepowi wojownicy: stan zdrowia i zróżnicowanie społeczne Scytów ze stanowiska Glinoe (IV-II w. p.n.e.).* Paper presented at the XLV Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Poznań, Poland. 16-18 September 2015.
- 2013** Krenz-Niedbała, M., & **Łukasik, S.** *Czy dane o hipoplazji szkliwa pochodzące z badań różnych autorów są wzajemnie porównywalne?* Paper presented at the XLIV Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Warszawa, Poland. 17-19 September 2013.
- 2012** Krenz-Niedbała, M., & **Łukasik, S.** *How serious is the impact of the method of timing estimation of linear enamel hypoplasias on the results obtained?* Paper presented at the 19th Meeting of European Paleopathology Association, Lille, France. 26-29 September 2012.
- 2012** Czapla, Z., & **Łukasik, S.** *Jakiej antropologii fizycznej potrzebuje współczesna kryminalistyka?* Paper presented at the Zastosowanie nauk biologicznych w kryminalistyce, Poznań, Poland. 29 March 2012.
- 2011** Pniewska, J., Ratajczak, A., Leszczak, B., Stachura, K., **Łukasik, S.**, Matuszyk, D., & Chojnacka, K. *Factors associated with cognitive decline in the elderly.* Paper presented at the XI International Congress of Young Medical Scientists, Poznań, Poland. 13-14 May 2011.
- 2011** **Łukasik, S.**, Stachura, K., & Wojciechowska, D. *Fizyczne dowody miłości. O dietności i modelu płodności na wsiach kaszubskich - cz. 2.* Paper presented at the Lo/V1/E1 - Współczesne dyskursy o miłości, Poznań, Poland. 21-22 May 2010.
- 2011** **Łukasik, S.** *Wyznaczniki stresu środowiskowego średniowiecznej populacji dziecięcej z Ostrowa Lednickiego.* Paper presented at the V Ogólnopolska Studencka Konferencja Antropologiczna, Kraków, Poland. 16-17 January 2010.

Conference Posters

- 2019** Krenz-Niedbała, M., & **Łukasik, S.** *Urban-rural differences in respiratory tract infections in medieval and early modern Polish subadult samples.* Poster presented at the 88th Annual Meeting of American Association of Physical Anthropologists, Cleveland, USA. 25-30 March 2019.
- 2019** **Łukasik, S.**, Macudziński, J., Chowański, S., & Krenz-Niedbała, M. *Morphometry of human ear ossicles: preliminary research.* Poster presented at the Vth International Conference on Research and Education, Poznań, Polska. 8-13 April 2019.

- 2017** Lewandowicz, M., Piasek, U., Stachnik, K., Suwalski, J., **Łukasik, S.**, & Tobis, S. *Zastosowanie robota w optymalizacji diety osób starszych z zaburzeniami funkcji poznawczych*. Poster presented at the Dietetyka Gerontologiczna – wyzwania i szanse, Poznań, Polska. 3 March 2017.
- 2017** **Łukasik, S.**, Tobis, S., & Suwalska, A. *Przydatność robotów w zapewnieniu właściwego odżywiania osób starszych*. Poster presented at the Dietetyka Gerontologiczna – wyzwania i szanse, Poznań Poland. 3 March 2017.
- 2016** **Łukasik, S.**, Górna, K., Wieczorowska-Tobis, K., Pałys, W., Jaracz, K., Czajkowska, A., Łojko, D., Tobis, S., Suwalska, J., Liczbińska, G., & Suwalska, A. *Olfactory functions – associations with nutritional status and dietary intake*. Poster presented at the 20th Congress of the European Anthropological Association, Zagrzeb, Chorwacja. 24-28 August 2016.
- 2015** **Łukasik, S.**, Krenz-Niedbała, M., Sinika, V., & Piontek, J. *Nadczarnomorscy stepowi wojownicy: stan uzębienia oraz dieta Scytów z Mołdawii (IV-II w. p.n.e.)*. Poster presented at the II Konferencja Polskiego Towarzystwa Nauk o Człowieku i Ewolucji, Poznań, Poland. 21-23 September 2015.
- 2015** **Łukasik, S.**, Kalinowski, T., & Krenz-Niedbała, M. *Analiza zróżnicowania morfometrycznego koron zębowych w populacjach pradziejowych z wykorzystaniem metod 3D*. Poster presented at the VII Konferencja Młodych Naukowców Wpływ Młodych Naukowców na Osiągnięcia Polskiej Nauki. Nauki przyrodnicze. Wrocław, Poland. 17 January 2015.
- 2014** **Łukasik, S.**, & Krenz-Niedbała, M. *New approaches to visualization and analysis of human skeletal data*. Poster presented at the III Konferencja Naukowo Dydaktyczna Wydziału Biologii, Poznań, Poland. 10-12 April 2014.
- 2014** **Łukasik, S.**, & Krenz-Niedbała, M. *Scythian health status: the aristocracy and the poor*. Poster presented at the III Konferencja Naukowo Dydaktyczna Wydziału Biologii, Poznań, Poland. 10-12 April 2014.
- 2013** **Łukasik, S.**, & Krenz-Niedbała, M. *Obrazowanie trójwymiarowe w badaniach hipoplazji szkliwa. Doniesienie wstępne*. Poster presented at the XLIV Ogólnopolska Konferencja Naukowa Polskiego Towarzystwa Antropologicznego, Warszawa, Poland. 17-19 September 2013.
- 2013** Suwalska, A., Łojko, D., Czajkowska, A., Pałys, W., Jaracz, K., Górna, K., Gołębiewska, K., **Łukasik, S.**, Liczbińska, G., Rybakowski, J. *Ocena czynników wpływających na funkcjonowanie poznawcze osób starszych*. Poster presented at the 44 Zjazd Psychiatrów Polskich, Lublin, Poland. 27-29 June 2013.
- 2013** Suwalski, J., Pniewska, J., **Łukasik, S.**, Rola, L., Pałys, W., Łojko, D., & Suwalska, A. *Factors associated with cognitive functioning in older adults*. Poster presented at the NEURONUS, IBRO&IRUN Neuroscience Forum, Kraków, Poland. 9-11 May 2013.
- 2013** **Łukasik, S.**, Pałys, W., Rola, L., Suwalski, J., Pniewska, J., Łojko, D., & Suwalska, A. *Funkcje węchowe młodych dorosłych osób*. Poster presented at the II Ogólnopolska Konferencja Doktorantów i Młodych Naukowców, Bydgoszcz, Poland. 26-27 April 2013.

- 2012** **Łukasik, S.**, & Krenz-Niedbała, M. *The ancient population of Scythians. Introduction of a research project.* . Paper presented at the 19th European Meeting of the Paleopathology Association, Lille, France. 27-29 August 2012.
- 2012** **Łukasik, S.**, Pniewska, J., Leszczak, B., Miszczak, D., Stachura, K., Warach, A., Suwalski, J., & Pałys, W. *Multiple morbidities and depressive symptoms in the elderly living in the country.* Poster presented at the 11th International Congress of Medical Sciences, Sofia, Bulgaria. 4-6 May 2012.
- 2011** **Łukasik, S.**, Pniewska, J., Stachura, K., Leszczak, B., & Chojnacka, K. *Does cognitive functioning among elderly people depends only on age?* Poster presented at the 6th International Conference of Young Naturalists, Zielona Góra, Poland. 17-20 November 2011.
- 2011** Pniewska, J., Leszczak, B., Stachura, K., **Łukasik, S.**, & Chojnacka, K. *Czy cukrzyca typu II pogarsza funkcjonowanie poznawcze seniorów? Doniesienie wstępne.* Poster presented at the I Ogólnopolska Konferencja Studentów i Młodych Naukowców Oblicza Neuronauk, Warszawa, Poland. 4-6 November 2011.
- 2011** **Łukasik, S.**, Stachura, K., & Jurdziak, N. *Kaszubskie tradycje a miłość rodzinna - ocena modelu płodności i jej zmian w czasie.* Poster presented at the Ogólnopolska Konferencja Studentów Biologii pt. Problemy biologiczne współczesnego świata, Poznań, Poland. 8-9 April 2011.
- 2011** **Łukasik, S.** *Analiza zaburzeń rozwoju osobniczego w populacji średniowiecznej i wczesnonowożytnej na podstawie oceny pojawiania się hipoplazji szkliwa.* Poster presented at the VI Ogólnopolska Studencka Konferencja Antropologiczna, Łódź, Poland. 18-20 March 2011.

Invited talks

- 2023** **Łukasik, S.**, Krenz-Niedbała, M. *Masters of the steppes: unrevealing biology of ancient nomads.* Meeting of the section of Anthropology of the Hungarian Biological Society. Szeged. Hungary. 30 June 2023.
- 2021** **Łukasik, S.**, & Bijak J., *Paleodemography of Black Sea Scythians: An exploration by using Bayesian methods.* Centre for Population Change, Southampton, UK. 19 March 2021.

Scholarships

- 2014** Scholarship of the Adam Mickiewicz University in Poznań for PhD students
- 2013** Scholarship of the Adam Mickiewicz University in Poznań for PhD students
- 2012** Proquality Scholarship for PhD students
- 2012** Scholarship of the Adam Mickiewicz University in Poznań for PhD students
- 2011** Scholarship of the Adam Mickiewicz University in Poznań for PhD student

- 2010** Scholarship of the Polish Minister of Science and Higher Education for outstanding results in education
- 2010** Scholarship of the Dean of the AMU Faculty of Biology

Awards

- 2023** AMU Rector's Team Award for scientific achievements (1st degree)
- 2022** AMU Rector's Team Award for teaching achievements (3rd degree)
- 2019** AMU Rector's Team Award for scientific achievements (1st degree)
- 2018** AMU Rector's Team Award for scientific achievements (1st degree)
- 2015** Best poster award at the Conference of Young Scientists: Impact of Young Scientists on Polish Science Achievements, 17 January, Wrocław, Poland
- 2011** Second prize for the best posters at the 6th International Conference of Young Naturalists, 17-20 November, Zielona Góra, Poland
- 2011** Best poster award at the 6th National Anthropological Students Conference, 18-20 March, Łódź, Poland
- 2011** Best poster award at the National Biological Students Conference, 8-9 April, Poznań, Poland
- 2011** Best student research project award for project: "Kashubian traditions and family love. The evaluation of fertility and its change with time", Student Research Grant founded by the Dean of the AMU Faculty of Biology

Excavations

- Archaeological excavation, site: Starorypin, Poland – Middle Ages (2014)
- Archaeological excavation, site: Gołańcz, Poland – Middle Ages (2014)
- Archaeological excavation, site: Czerlejno, Poland – Middle Ages (2013)
- Archaeological excavation, site: Glinoe, Moldova – Early Iron Age (2012)
- Archaeological excavation, site: Książnice, Poland – Neolithic (2010, 2011)
- Paleontological excavation, site: Krasiejów, Poland – Triassic period (2009, 2010)

Technical Reports

- 2023** Krenz-Niedbała, M., **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych z Placu Kolegiackiego w Poznaniu Grób nr 409 inw. 282/18 (in Polish). Report submitted to the AMU Faculty of Archaeology.
- 2022** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe VODOVOD site, Moldova:K2B7,K2B13, K2B14,K14B2, K15B16and K16B7. Report submitted to the Taras Shevchenko University in Tiraspol.

- 2022** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe SUKHAYA BALKA site, Moldova: part 1. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2022** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe RYBKHOZ site, Moldova: part 1. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2022** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe KLIN site, Moldova: part 1. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2022** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe PLAVNI site, Moldova: part 1. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2020** Krenz-Niedbała, M., & **Łukasik, S.** Analiza antropologiczna ludzkich szczątków kostnych ze stanowiska Malbork-Wielbark cz. 2 (in Polish). Report submitted to the Maria Curie-Skłodowska University.
- 2020** Krenz-Niedbała, M., & **Łukasik, S.** Analiza antropologiczna ludzkich szczątków kostnych ze stanowiska Malbork-Wielbark (in Polish). Report submitted to the Maria Curie-Skłodowska University.
- 2019** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe SAD site, Moldova: barrow 11-14. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2019** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe Vodovodsite, Moldova: barrow 9-16. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2018** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe Vodovod site, Moldova: barrow 2-6 and 8. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2018** **Łukasik, S.** Anthropological analysis of human skeletal remains from Chiobruchi, Moldova: RIIA archaeological site. Part 2. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2018** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe SAD site, Moldova: barrow 5-10. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe SAD site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Blijinii hutor site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Dojbany-2 site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from barrow 2 and 21 at Glinoe, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.

- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe DOT site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe vodovod site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Karagash, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Katerinovka site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2016** **Łukasik, S.** Anthropological analysis of human skeletal remains from Mokra, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2015** Krenz-Niedbała, M., & **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Ostrów Tumski 9, Poznań (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2014** **Łukasik, S.,** & Gwizdała, M. Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Prydnistrynskie, Ukraina (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2014** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Starorypin 3 (in Polish). Report submitted to the Museum of Dobrzyń Land in Rypin.
- 2014** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Gołańcz (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2013** **Łukasik, S.,** & Krenz-Niedbała, M. Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Wiry st. 4 (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2013** **Łukasik, S.** Research of Scythian skeletal remains from Glinoe, Moldova dated to 3rd-2nd c. BC: a primary report. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2013** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Dąbrówka st. 2 (ob. 96) (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2012** **Łukasik, S.** Anthropological analysis of human skeletal remains from Chiobruchi, Moldova: RIIA archaeological site. Report submitted to the Taras Shevchenko University in Tiraspol.
- 2012** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Skoki (pochówek nr 1) (in Polish). Report submitted to the Uni-Art, Poznań
- 2012** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Swędzieniejewice, stanowisko 3 (ob. 590) (in Polish). Report submitted to the the Uni-Art, Poznań.

- 2012** **Łukasik, S.** Ekspertyza antropologiczna ludzkich szczątków kostnych ze stanowiska Inowrocław, st. 59 (in Polish). Report submitted to the Institute of Prehistory of Adam Mickiewicz University in Poznań.
- 2012** **Łukasik, S.** Anthropological analysis of human skeletal remains from Glinoe site, Moldova. Report submitted to the Taras Shevchenko University in Tiraspol.

Workshop and Training Courses

- Paleopathology Forum (workshop taught by Prof. Jane E. Buikstra), AMU Poznań, Poland (2023)
- Anthropological perspectives on human tooth morphology: Dental non-metric trait analysis using the Arizona State University Dental Anthropology System (workshop taught by Prof. Joel Irish), Ghent University (2023)
- Artec Space Spider 3D scanner and Artec Studio Professional, AMU Poznań, Poland (2023)
- SlicerMorph: an open-source toolkit for 3D imaging and morphometric analysis, AABA Meeting, Reno USA (2023)
- Identifying and Recording Periosteal New Bone Formation (PNBF) in Fetal-Infant Individuals AABA Meeting, Reno USA (2023)
- Small talks: small big changes. How to support student motivation and concentration?, AMU Poznań, Poland (2022) – online
- Strategies for Estimating Heritability with Teeth, Dental Anthropology Association, Denver, USA (2022) – online
- Adaptive tools for resilient bones. Biostatistical approaches to past physical activity in Osteoarchaeology, Leiden University, Netherlands (2021) – online
- Emerging Adolescence: A Virtual Workshop, McMaster University, Canada (2021) – online
- Information design and management in multimedia systems, AMU Poznań, Poland (2021)
- Dental Non-Metric Workshop, Leiden University (workshop taught by Prof. Shara Bailey), Netherlands (2020)
- Histomorphometry in bioarchaeology (workshop taught by Dr. Justyna Miskiewicz), AMU Poznań, Poland (2019)
- 3DGence Double P255 3D printer, AMU Poznań, Poland (2019)
- CAD applications – practice and applications in teaching, AMU Poznań, Poland (2018)
- Graphic tools in the preparation of teaching materials, AMU Poznań, Poland (2017)
- GOM Inspect and Geomagic Studio, 3D Team, Poland (2014)
- Biomedical Perspectives on Food and Nutrition, AMU Poznań, Poland (2013)
- Field paleobiology, Department of Paleobiology and Evolution, University of Warsaw, Poland (2010)
- Expedition to the Black Sea Biosphere Reserve, Kherson State University, Ukraine (2008, 2010)

Teaching Experience

Reconstruction of human biological profile based on skeletal traits (2021, 2022, 2023)
3D technologies and their application in human biology (2019, 2020, 2021, 2022)
Application of 3D scanning in biology – in English (2019)
3D scanning (2018, 2019, 2020, 2021)
Mathematics and statistics (2017)
Research methods in human skeletal biology (2017, 2018, 2019, 2020, 2021, 2022, 2023)
Biology of subfossil populations (2016, 2017, 2018, 2019, 2022)
Tips and tricks: Tips and tricks: effective information retrieval and visualization (2018, 2019, 2020, 2021, 2022, 2023)
Tips and tricks: how to effectively use the scientific information (2016, 2017)
BSc seminar (2016, 2017, 2018, 2019, 2020, 2021)
Physical anthropology (2015, 2016, 2017, 2018, 2019, 2020, 2021)
Biology of human populations (2015)
Forensic anthropology (2013, 2014, 2015, 2016, 2018)
Animal diversity (2012, 2013, 2014, 2015)
Biological foundations of development and education (2011)

Students Advised

Adrian Zgórski, Application of 3D methods in human biology and related sciences (2020)
Jakub Macudziński, Morphometry of human auditory ossicles in medieval and contemporary populations, Master thesis (2019)

Professional service

Article Reviewer

International Journal of Osteoarchaeology (1)
Palliative Medicine (2)
Journal of Healthcare Engineering (1)

University Service

Member of the AMU Biological Sciences Discipline Council – representative of Assistant Professors (since 2020)

Member of the AMU Faculty of Biology Team for the Promotion (since 2018)

Member of the AMU Faculty of Biology Team for Research (since 2018)

Member of the AMU Faculty of Biology Council – representative of Assistant Professors (2016-2019)

Member of AMU Institute of Anthropology Council – representative of PhD students (2012-2015)

Skills

Equipment: Creaform EXAscan 3D Scanner, Smarttech ScanBright 3D scanner, Smarttech ScanBright mini 3D scanner, 3DGence Double P255 3D printer, Artec 3D Space Spider

Software: Mesh3d, Geomagic Studio, Geomagic Qualify, 3DGence Slicer, Agisoft Metashape, Dreamweaver MX, CorelDRAW, Artec Studio 17 Professional

Languages: Polish (native speaker), English (independent user), Russian (independent user)