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Employment history:

- 2016 – now: medical intern, Clinical Hospital of the Ministry of the Interior and Administration in Łódź.
- 2014 – now: **research fellow** at Department of Biostatistics and Translational Medicine (former Immunopathology and Genetics Laboratory, Department of Pediatrics, Oncology, Hematology and Diabetology), Medical University of Lodz (reference: Wojciech Fendler, M.D., Ph.D.)

Education:

- 2016 – 2020 (expected): **Ph.D. candidate (doctorate)**, Department of Biostatistics and Translational Medicine (reference: Wojciech Fendler, M.D., Ph.D.)
- 2010 – 2016: **Doctor of Medicine** (6-year M.D. Program), Faculty of Medicine, Medical University of Lodz (Poland)

Publications:

- Trelinska J, Dachowska I, Baranska D, Stawiski K, Kotulska K, Fendler W, Jozwiak S, Mlynarski W. Maintenance therapy with everolimus for subependymal giant cell astrocytoma in patients with tuberous sclerosis (the EMINENTS study). *Pediatr Blood Cancer*. 2016 Nov 15. doi: 10.1002/pbc.26347. [<https://www.ncbi.nlm.nih.gov/pubmed/27860334>]
- Dzikowski Ł, Puła A, Stawiski K, Mudza B, Włodarczyk M, Dzikowski A. Patients' Awareness Of The Prevention And Treatment Of Colorectal Cancer. *Polish Journal of Surgery*. 2015;87(9):459–463. [<http://www.ncbi.nlm.nih.gov/pubmed/26812841>]
- Stawiski K, Strzałka A, Puła A, Bijakowski K. PancreApp: An Innovative Approach to Computational Individualization of Nutritional Therapy in Chronic Gastrointestinal Disorders. *Stud Health Technol Inform*. 2015;216:325-8. [<http://www.ncbi.nlm.nih.gov/pubmed/26262064>]

International summer internships:

- 2016: ERAMSUS+ **research internship** at EPSRC Centre For Mathematical And Statistical Analysis Of Multimodal Clinical Imaging, University of Cambridge, Cambridge, UK (reference: Prof. John Aston, Ph.D.)
- 2015: IFMSA **research exchange** (6 weeks), Psychiatric Genetic Epidemiology & Neurobiology Laboratory (PsychGENe Lab), Upstate Medical University, Syracuse, NY, USA (reference: Stephen J. Glatt, Ph.D.)
- 2014: **neurosurgical clinical clerkship** (3 weeks), University Hospital Southampton NHS Trust, Southampton, UK (reference: Paul Grundy, M.D.)
- 2013: **medical clinical clerkship** (4 weeks), Mubarak Al Kabeer Hospital, Kuwait City, Kuwait (reference: Ibrahim T. Lasheen, M.D.)

Scholarships, awards and distinctions:

- 2016: Scholarship of the City of Lodz for the best Ph.D. students.
- 2016: Winner of Adzduna's polish „Graduate of the Year” contest.
- 2015: **Scholarship of Minister of Science and Higher Education & Minister of Health of Republic of Poland** for outstanding achievements for students in the academic year 2015/2016;
- 2015 – 2016: Rector's Scholarship for the best students of the Medical University for the academic year 2015/2016.
- 2015: **Scholarship of Marshal of the Lodzkie Region** (highest degree)
- 2015: First Award during session „Neurology and Neurosurgery” at the conference 11. International & 53. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2015 in Łódź for paper entitled “What are the real shapes of brain tumours? Geodesic Active Contours and Region Competition methods applied for semi-automated image segmentation of subependymal giant cell astrocytomas and brainstem gliomas.”
- 2015: First Award during session „Oncology” at the conference 11. International & 53. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2015 in Łódź for paper entitled “Pediatric soft tissue sarcomas – survival and data-mining analysis.”
- 2015: Winner (first place) during session “Neurology” at the conference 23rd International Student Scientific Conference for Students and Young Doctors in Gdańsk for paper entitled “How accurate is the radiologist – Usefulness of semi-automated brain tumor image segmentation applied for subependymal giant cell astrocytomas”.
- 2014 – 2015: Rector's Scholarship for the best students of the Medical University for the academic year 2014/2015.
- 2014: **Laureate of „Generacja Przyszłości” (Generation of the Future)** – student grant program by Minister of Science and Higher Education of Republic of Poland. Project funded: PancreApp.
- 2014: Second Award during “Session of Dietetics and Nutrition” at the conference “The 9th International Scientific Conference of Medical Students and Young Doctors” in Katowice for paper entitled “Machine learning approach to computational individualization of nutritional guidelines: development and evaluation on health individuals”.
- 2014: **Distinction in a nationwide competition “Studencki Nobel” (Eng. “Student’s Nobel Prize”)**.
- 2014: Special Award for the Youngest Winner of the Session at the conference 10. International & 52. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2014 in Łódź (founder: Aldona Ochęcka-Szymańska M.D., Ph.D.)
- 2014: First Award during session „Neurology and Neurosurgery” at the conference 10. International & 52. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2014 in Łódź for paper entitled “Parallel physical examination and EHR generation using novel SISDS methodology. Is it a promising perspective? Initial evaluation of proprietary software”
- 2014: First Award during session „Public Health” at the conference 10. International & 52. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2014 in Łódź for paper entitled “Support vector machine with radial basis function kernel applied to search for facial tumors geographical environmental predilection”
- 2014: First distinction (second place) during session “public health” at the conference 22nd International Student Scientific Conference for Students and Young Doctors for paper entitled “PancreApp: Is a machine learning able to predict a fettle after a meal? Development of software and initial evaluation”
- 2014: First distinction (second place) during session “surgery and traumatology” at the conference 22nd International Student Scientific Conference for Students and Young Doctors for paper entitled “Dimensions of clinically needed biomaterials for peripheral nerve regeneration within the axilla compared to the current possibilities: retrospective and cadaveric study.”
- 2014: Third Place at the conference “IV Student’s Conference of Young Scientists” in Wrocław for paper entitled “Hunting for diseases using support vector machine with PBF kernel”
- 2013: **Scholarship of Minister of Science and Higher Education of Republic of Poland for outstanding achievements for students in the academic year 2013/2014;**
- 2013 – 2014: Rector's Scholarship for the best students of the Medical University for the academic year 2013/2014.
- 2013: First Award (for best project) in a nationwide competition „InnoTechAkademia - droga do własnych marzeń” for the project entitled „Badanie neurologiczne jako interaktywny proces cyfrowy” (Eng. Neurological examination as an interactive digital process).
- 2013: Award of the Rector of the Medical University of Łódź in a national wide competition „InnoTechAkademia - droga do własnych marzeń” for the project entitled „PancreApp” (Eng. PancreApp – Innovative dietary solution for patients with chronic diseases).
- 2013: Second Award during session „Public Health” at the conference 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2013 in Łódź for paper entitled “PancreApp – Innovative dietary solution for patients with chronic gastrointestinal diseases.”
- 2013: Third Award during session „Neurology & Neurosurgery” at the conference 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2013 in Łódź for paper entitled “Peripheral nerves’ reconstruction operations based on the material from the Department of Neurosurgery and Peripheral Nerve Surgery of Medical University of Lodz.”
- 2013: Second Award during session „Neurology & Neurosurgery” at the conference 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2013 in Łódź for paper entitled “Neurological examination as an interactive digital process with reporting system.”
- 2013: First Award during session “Internal Diseases” at the conference „International Medical Students’ Conference” in Krakow for paper entitled „PancreApp – Innovative dietary solution for patients with chronic gastrointestinal diseases”.
- 2012 – 2013 : Rector's Scholarship for the best students of the Medical University for the academic year 2012/2013.
- 2012: First Award during session „Basic Science” at the conference 8. International & 50. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Jvenes Pro Medicina” 2012 in Łódź “Dimensions and topography of main nerves and vessels of the axillary cavity, taking into consideration technical difficulties and risk during surgery in this area.”
- 2012 – 2013 : Rector's Scholarship for the best students of the Medical University for the academic year 2011/2012.

Active participations in conferences:

- 2015: Oral presentation during „MEDINFO 2015 - 15th World Congress on Health and Biomedical Informatics” in Sao Paulo of paper entitled „PancreApp”.
- 2015: Oral presentation during 11. International & 53. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2015 in Łódź of paper entitled “What are the real shapes of brain tumours? Geodesic Active Contours and Region Competition methods applied for semi-automated image segmentation of subependymal giant cell astrocytomas and brainstem gliomas”.
- 2015: Oral presentation during 11. International & 53. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2015 in Łódź of paper entitled “Pediatric soft tissue sarcomas – survival and data-mining analysis”.
- 2015: Oral presentation during 11. International & 53. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2015 in Łódź of paper entitled “PancreApp: early results of clinical trial”.
- 2015: Oral presentation during “23rd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “How accurate is the radiologist – Usefulness of semi-automated brain tumor image segmentation applied for subependymal giant cell astrocytomas”.
- 2014: Oral presentation during “The 9th International Scientific Conference of Medical Students and Young Doctors” in Katowice of paper entitled “Tonsillectomy and adenoidectomy can help children with extreme BMI percentile: 2-year follow-up”.
- 2014: Oral presentation during “The 9th International Scientific Conference of Medical Students and Young Doctors” in Katowice of paper entitled “Machine learning approach to computational individualization of nutritional guidelines: development and evaluation on health individuals”.
- 2014: Oral presentation during 10. International & 52. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2014 in Łódź of paper entitled “PancreApp: Is a machine learning able to predict a fettle after a meal? Development of software and initial evaluation”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “PancreApp: Is a machine learning able to predict a fettle after a meal? Development of software and initial evaluation”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “The meaning of sex: facial skin tumors and effectiveness of excision”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “Support vector machine with radial basis function kernel applied to search for facial tumors geographical environmental predilection.”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “NeurEgzam: development and initial evaluation of interactive neurological examination assistant and electronic health record software based on novel SISDS methodology.”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “BBC: Counterintelligence”
- 2014: Oral presentation during “22nd International Student Scientific Conference for Students and Young Doctors” in Gdańsk of paper entitled “Dimensions of clinically needed biomaterials for peripheral nerve regeneration within the axilla compared to the current possibilities: retrospective and cadaveric study.”
- 2014: Oral presentation during “IV Student’s Conference of Young Scientists” in Wrocław of paper entitled “Hunting for diseases using support vector machine with RBF kernel”
- 2014: Oral presentation during “IV Student’s Conference of Young Scientists” in Wrocław of paper entitled “New wave in neurological examination – creating the EHR”
- 2014: Oral presentation during “IV Student’s Conference of Young Scientists” in Wrocław of paper entitled “To be a male or to be a female? Taking into consideration facial skin tumors and effectiveness of excision”
- 2014: Oral presentation during “IV Student’s Conference of Young Scientists” in Wrocław of paper entitled “PancreApp: development and preliminary evaluation of innovative approach to computational individualization of nutritional guidelines”
- 2014: Oral presentation during “XIX Michal Kłopotowski Scientific Dental Student Conference” in Łódź of paper entitled “Geograficzny tropiciel – sztuczna inteligencja w służbie zwalczania guzów twarzy”
- 2014: Oral presentation during “XIX Michal Kłopotowski Scientific Dental Student Conference” in Łódź of paper entitled “Mężczyźni są z Marsa, kobiety są z... Marsa? Płec pacjentów operowanych z powodu guza skóry twarzy a efektywność zabiegów jego usunięcia”
- 2013: Electronic poster during XXXI Zjazd Polskiego Towarzystwa Anatomicznego (Eng. XXXI Congress of the Polish Society of Anatomy) entitled „Analiza zmienności morfologicznych i topograficznych w zakresie struktur nerwowych i mięśniowych jamy pachowej w kontekście ich ewentualnych implikacji klinicznych” (Eng. „Analysis of morphological and topographical variation in the structure of nerves and muscles within axillary cavity in the context of their potential clinical implications”).
- 2013: Oral presentation during XXXI Zjazd Polskiego Towarzystwa Anatomicznego (ang. XXXI Congress of the Polish Society of Anatomy) entitled „Największy wymiar poprzeczny podobojczykowej części splotu ramiennego jako potencjalnie przydatny parametr morfometryczny” (Eng. „The largest transverse diameter of the nerves within subclavian part of brachial plexus as a potentially useful morphometric parameter).
- 2013: Oral presentation during a nationwide competition „InnoTechAkademia - droga do własnych marzeń” of project entitled „Badanie nerwologiczne jako interaktywny proces cyfrowy” (Eng. Neurological examination as an interactive digital process).
- 2013: Oral presentation during a nationwide competition „InnoTechAkademia - droga do własnych marzeń” of project entitled „PancreApp” (Eng. PancreApp – Innovative dietary solution for patients with chronic gastrointestinal diseases)
- 2013: Oral presentation during „9th Warsaw International Medical Congress for young scientists” in Warsaw of paper entitled “Neurological examination as an interactive digital process with reporting system.”

Active participations in conferences (cont'd):

- 2013: Oral presentation during „9th Warsaw International Medical Congress for young scientists” in Warsaw of paper entitled “Peripheral nerves’ reconstruction operations based on the material from the Department of Neurosurgery and Peripheral Nerve Surgery of Medical University of Lodz.”
- 2013: Oral presentation during “International Student Scientific Conference for Students and Young Doctors” in Gdansk of paper entitled “Peripheral nerves’ reconstruction operations based on the material from the Department of Neurosurgery and Peripheral Nerve Surgery of Medical University of Lodz.”
- 2013: Oral presentation during 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2013 in Lodz of paper entitled “PancreApp – Innovative dietary solution for patients with chronic gastrointestinal diseases.”
- 2013: Oral presentation during 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2013 in Lodz of paper entitled “Peripheral nerves’ reconstruction operations based on the material from the Department of Neurosurgery and Peripheral Nerve Surgery of Medical University of Lodz.”
- 2013: Oral presentation during 9. International & 51. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2013 in Lodz of paper entitled “Neurological examination as an interactive digital process with reporting system.”
- 2013: Oral presentation during “III International Student Conference of young medical researchers” in Wroclaw of paper entitled “Evaluation of demand and surgical technique of autologous nerve grafting in Lodz.”
- 2013: Oral presentation during „International Medical Students’ Conference” in Krakow of paper entitled „Digital Neurological Examination”.
- 2013: Oral presentation during „International Medical Students’ Conference” in Krakow of paper entitled „PancreApp – Innovative dietary solution for patients with chronic diseases”.
- 2012: Oral presentation during 8. International & 50. Polish Training & Scientific Medical Congress of Students' Scientific Societies and Junior Doctors “Juvenes Pro Medicina” 2012 in Lodz of paper entitled “Dimensions and topography of main nerves and vessels of the axillary cavity, taking into consideration technical difficulties and risk during surgery in this area.”

Other scientific and organizational activities:

- 2014 – still: **Individual Directed Study at the Department of Biostatistics and Translational Medicine**; tutor: Wojciech Fendler, M.D., Ph.D.;
- 2013 – 2015: **Chairman** of Students' Scientific Society at the Medical University of Łódź.
- 2012 – 2013: Member of the Board of Students' Scientific Society at Medical University of Łódź.
- 2012 – 2013: **Individual Directed Study at the Department of Neurosurgery and Oncology of the Nervous System**; tutor: Krzysztof Tybor, M.D., Ph.D.;
- 2012 – 2015: Member of Students' Scientific Circle at the Department of Neurosurgery and Peripheral Nerve Surgery;
- 2011 – 2015: Member of Students' Scientific Circle at the Department of Normal and Clinical Anatomy;
- 2011 – 2015: International Federation of Medical Students' Associations (IFMSA): (1) 2014: European Regional Meeting of medical students, General Delegate of Poland, (2) 2013 – still: IFMSA New Technologies Support Division Director Assistant (**international** position), (3) 2013 – 2015: Member of the Marketing Team of IFMSA-Poland (national position), (4) 2013 – 2015: IFMSA-Poland National New Technologies Director (national position), (5) 2012 – 2013: IFMSA-Poland National New Technologies Director Assistant (national position), (6) 2012 – 2013: Local Coordinator of „Dying – a human thing” project (local position), (7) 2011 – 2014: Local New Technologies Director (local position), (8) participation in 3 National Assemblies of IFMSA-Poland (autumn 2012, spring 2012, autumn 2013);

Additional abilities and skills:

- Information Technology and Computer Science:
 - Programming proficiency: **C# .NET** (desktop and RIA applications) using Microsoft Visual Studio, **R statistics**, HTML5 + JAVA (javascript, node.js), **PHP5 & SQL** (MySQL), shell bash scripting (Ubuntu)
 - Networking: advanced routing and network setup, RDP, VNC, VPN, linux dedicated server setup (apache2, mail server [postfix, dovecot], ftp, samba cifs, game and VoIP servers), Windows Server (IIS, Exchange, Sharepoint, TFS), media streaming
 - Microsoft Windows PC/Linux Ubuntu setup
 - Cybersecurity: SSL and TLS fundamentals, SSH protocol and port tunneling
 - Xamarin MONO framework (applications for Android OS)
 - Microsoft Office and Expression proficiency
- Bioinformatics, biostatistics and data mining:
 - Data analysis (descriptive, parametric, nonparametric, modelling) using **R** language, **STATISTICA 10** software, GNU PSPP and IBM SPSS software
 - Web data analytics and marketing services (Google Analytics, SEO)
 - Machine learning modeling and deployment (**Weka 3 framework** and RapidMiner 5)
 - Medical image analysis (ITK, 3D Slicer)
- Music: piano skills (graduation of PSM I st. [Eng. first step of the National School of Music] in Żagań and 2 years of PSM II st. [Eng. second step of the National School of Music] in Żagań, class: piano); acoustic and electric guitar skills (tinkering)
- Physics: (1) 2009: laureate of physical contest organized by Institute of Physics University of Zielona Góra, (2) 2006: finalist of provincial physical contest for middle school students
- Sport: international sailing licence
- Driving licence
- Foreign languages: English (advanced), German (intermediate)