

**ELENA V. FEOFANOVA**

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**EDUCATION**

**Doctor of Philosophy in Public Health, May 2020**

Major: Epidemiology

Minor: Biostatistics

Breadth: Genetics

The University of Texas Health Science Center at Houston  
(UTHealth Houston), School of Public Health (SPH)

**Master of Science in Public Health, August 2015**

Major: Epidemiology

Minor: Biostatistics

UTHealth, SPH

**Doctor of Medicine, June 2009**

Yaroslavl Medical Academy (YMA), Russia

**EXPERIENCE**

01/22 – present

**Assistant Professor of Instruction (Non-Tenure Track), Department of Epidemiology, UTHealth Houston, SPH**

Instructional faculty for the Epidemiology I, II, III, Communicating Scientific Data to Public and Professionals courses. Preparing and presenting lectures, organizing and facilitating group work and discussions, preparing quizzes and exams, performing grading assignments and holding regular office hours to answer student's questions.

07/21 – 03/23

**Volunteer Teacher, English as a Second Language,**

Level 2, CityRise, Crosspoint Church-Bellaire

Preparing, distributing and presenting instructional materials, organizing and facilitating group work.

08/21 – 12/21

**Co-Instructor, Cardiovascular Disease Epidemiology and Prevention (PHW 2740L), Department of Epidemiology, Human Genetics and Environmental Sciences (EHGES), UTHealth, SPH**

In collaboration with two co-instructors of the online course, responsible for updating lectures and quizzes, performing grading assignments, and monitoring student engagement with the course tasks.

06/20 – 12/21

**Postdoctoral Research Fellow, Human Genetics Center (HGC), UTHealth, SPH**

Explored the genetic architecture of human metabolome and worked on ImplementatioN Science for Genomic Health Translation project.

- 09/15 – 05/20      **Graduate Assistant (Doctoral), HGC, UTSPH**  
Investigated the effect of common and rare SNPs on metabolic traits and blood pressure in adults.
- 11/13 – 09/15      **Volunteer data analyst, Human genetics center, UTSPH**  
Investigating the effect of SNPs on blood pressure in children and adolescents.
- 05/14 – 05/15      **Deputy Director of Social Activities, SA, UTSPH**  
Planning and organization of social events.
- 05/14 – 07/14      **Graduate assistant, Michael & Susan Dell Center for Healthy Living, UTSPH**  
Field data collection for the Travel Related Activity In Neighborhoods study.
- 09/09 – 08/13      **Medical residency, research track, Physiology, YMA, Russia**  
Investigated the effect of statins on biochemical and clinical measures of inflammation in patients with rheumatoid arthritis.
- 07/10 – 01/11      **Visiting scientist, Norris Cotton Cancer Center, DHMC**  
Investigated molecular mechanisms of pancreatic cancer.  
Basic laboratory experience.

## PUBLICATIONS

Kurniansyah N., Goodman M.O., Khan A.T., Wang J., **Feofanova E.** et al., Evaluating the use of blood pressure polygenic risk scores across race/ethnic background groups. *Nature Communications* 14, 3202. <https://doi.org/10.1038/s41467-023-38990-9>.

**Feofanova EV**, Brown MR, Alkis T, Manuel AM, Li X, Lin H, Tahir UA, Haessler J, Li Z, Mendez KM, Kelly RS, Brody JA, Qi Q, Chen H, Larson MG, Lemaitre RN, Morrison AC, North KE, Taylor KD, Grieser C, Wong K, Clish CB, Gersztern RE, Zhao Z, Wilson JG, Lasky-Su J, Lin X, Kaplan RC, Kooperberg C, Psaty BM, Rich SS, Rotter JI, Vasani RS, NHLBI Trans-Omics for Precision Medicine (TOPMed), Boerwinkle E, Yu B, **2023**. Whole-Genome Sequencing Analysis of Human Metabolome in Multi-Ethnic Populations. *Nature Communications* 14, 3111. <https://doi.org/10.1038/s41467-023-38800-2>.

Kurniansyah N, Goodman MO, Kelly TN, Elfassy T, Wiggins KL, Bis JC, Guo X, Palmas W, Taylor KD, Lin HJ, Haessler J, Gao Y, Shimbo D, Smith JA, Yu B, **Feofanova EV** et al., **2022**. A multi-ethnic polygenic risk score is associated with hypertension prevalence and progression throughout adulthood. *Nature Communications*. June 21;13(1):3549. doi: 10.1038/s41467-022-31080-2. PMID: 35729114; PMCID: PMC9213527.

**Feofanova EV**, Lim E, Chen H, Lee MJ, Liu C-T, Cupples LA, Boerwinkle E, June **2021**. Exome Sequence Association Study of Levels and Longitudinal Change of Cardiovascular Risk Factor Phenotypes in European-Americans and African-Americans from the Atherosclerosis Risk in Communities Study. *Genetic Epidemiology*. June 24, doi: 10.1002/gepi.22390.

Qi Q, Li J, Yu B, Moon J-Y, Chai JC, Merino J, Hu J, Ruiz-Canela M, Rebholz C, Wang Z, Usyk M., Chen G-C, Porneala BC, Wang W, Nguyen NQ, **Feofanova EV** et al., **2021**. Host and gut microbial tryptophan metabolism and type 2 diabetes: an integrative analysis of host genetics, diet, gut microbiome and circulating metabolites in cohort studies. *Gut*. June 14; 71(6): 1095-1105, doi: 10.1136/gutjnl-2021-324053.

**Feofanova EV**, Zhang G-Q, Lhatoo S, Metcalf GA, Boerwinkle E, Venner E, **2021**. The Implementation Science for Genomic Health Translation (INSIGHT) Study: Protocol of a Learning Healthcare System. *JMIR Research Protocols*. March 26; Vol 10, No 3, doi: 10.2196/25576.

Luo S\*, **Feofanova EV\***, Tin A, Tung S, Rhee EP, Coresh J, Arking DE, Surapaneni A, Schlosser P, Li Y, Köttgen A, Yu B, Grams ME, Aug **2021**. Genome-wide association study of serum metabolites in the African American Study of Kidney Disease and Hypertension. *Kidney International*. 100(2):430-439, doi: 10.1016/j.kint.2021.03.026

Surendran P\*, **Feofanova EV\***, Lahrouchi N\*, Ntalla I, Karthikeyan S\*, et al., **2020**. Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*. 52: p.1314-1332, doi: 10.1038/s41588-020-00713-x.

**Feofanova EV**, Chen H, Dai Y, Jia P, Grove ML, Morrison AC, Qi Q, Daviglus M, Cai J, North KE, Laurie CC, Kaplan RC, Boerwinkle E, Yu B, **2020**. A Genome-wide Association Study Discovers 46 Loci of the Human Metabolome in the Hispanic Community Health Study/Study of Latinos. *The American Journal of Human Genetics*. 5;107(5):849-863, doi: 10.1016/j.ajhg.2020.09.003.

Yee SW, Stecula A, Chien H-C, Zou L, **Feofanova EV**, van Borselen M, Cheung KWK, Yousri NA, Suhre K, Kinchen JM, Boerwinkle E, Irannejad R, Yu B, Giacomini KM, **2019**. Unraveling the functional role of the orphan solute carrier, SLC22A24 in the transport of steroid conjugates through metabolomic and genome-wide association studies. *PLOS Genetics*. 15(9):e1008208.

Giri A, Hellwege JN, Keaton JM, Park J, Qiu C, Warren HR, Torstenson ES, Kovesdy CP, Sun YV, Wilson OD, Robinson-Cohen C, Roumie CL, Chung CP, Birdwell KA, Damrauer SM, DuVall SL, Klarin D, Cho K, Wang Y, Evangelou E, Cabrera CP, Wain LV, Shrestha R, Mautz BS, Akwo EA, Sargurupremraj M, Debette S, Boehnke M, Scott LJ, Luan J, Zhao JH, Willems SM, Thériault S, Shah N, Oldmeadow C, Almgren P, Li-Gao R, Verweij N, Boutin TS, Mangino M, Ntalla I, **Feofanova E**, Surendran P, et al., **2019**. Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature Genetics*. 51(1): p.51-62.

**Feofanova EV**, Yu B, Metcalf GA, Liu X, Muzny D, Below JE, Wagenknecht LE, Gibbs RA, Morrison AC, Boerwinkle E, **2018**. Sequence-Based Analysis of Lipid-Related Metabolites in a Multiethnic Study. *Genetics*. 209(2): p.607-616. doi:10.1534/genetics.118.300751

Seidemann SB, **Feofanova EV**, Yu B, Franceschini N, Claggett B, Kuokkanen M, Puolijoki H, Ebeling T, Perola M, Salomaa V, Shah A, Coresh J, Selvin E, MacRae CA, Cheng S, Boerwinkle E, Solomon SD, **2018**. Genetic variants in SGLT1, glucose tolerance, and cardiometabolic risk. *Journal of the American College of Cardiology*. 72(15): p.1763-1773.

Saeed A., **Feofanova EV**, Yu B, Sun W, Virani SS, Nambi V, Coresh J, Guild CS, Boerwinkle E, Ballantyne CM, Hoogeveen RC, **2018**. Remnant-Like Particle Cholesterol, Low-Density Lipoprotein Triglycerides, and Incident Cardiovascular Disease. *Journal of the American College of Cardiology*. 72(2): p.156-169.

de Vries PS, Yu B, **Feofanova EV**, Metcalf GA, Brown MR, Zeighami AL, Liu X, Muzny DM, Gibbs RA, Boerwinkle E, Morrison AC, **2017**. Whole-genome sequencing study of serum peptide levels: the Atherosclerosis Risk in Communities study. *Human Molecular Genetics*. 26(17): p.3442-3450.

Morrison AC, Huang Z, Yu B, Metcalf G, Liu X, Ballantyne C, Coresh J, Yu F, Muzny D, **Feofanova E**, Rustagi N, Gibbs R, and Boerwinkle E, **2017**. Practical Approaches for Whole-Genome Sequence Analysis of Heart- and Blood-Related Traits. *American Journal of Human Genetics*. 100(2): p.205-215.

Yu B, de Vries PS, Metcalf GA, Wang Z, **Feofanova EV**, Liu X, Muzny DM, Wagenknecht LE, Gibbs RA, Morrison AC, Boerwinkle E, **2016**. Whole Genome Sequence Analysis of Serum Amino Acid Levels. *Genome Biology*. 17:237

**Feofanova EV**, Korshunov NI, Barisheva UV, **2013**. Role of Transforming Growth Factor- $\beta$ 1 in Pathogenesis of Rheumatoid Arthritis. *Doctor.ru*. 6(84): p.54-57.

**Feofanova EV**, Korshunov NI, Tsyganova LA, **2013**. The state of the vasculo-endothelial growth factor in rheumatoid arthritis. *Immunopathology, allergology, infectology*. 2: p.13-19.

**Feofanova EV**, **2013**. Atorvastatin helps to diminish the activity of rheumatoid arthritis by changing the production of IL-4 and IL-8. *Fundamental research*. 3(2): p. 391-395.

Danilov AV, Neupane DN, Nagaraja AS, **Feofanova EV**, Humphries LA, Drenzo J, Korc M, **2011**. DeltaNp63alpha-Mediated Induction of Epidermal Growth Factor Receptor Promotes Pancreatic Cancer Cell Growth and Chemoresistance. *PLoS ONE* 6(10): e26815.

Pachkunova MV, **Feofanova EV**, **2011**. The state of the pro-inflammatory cytokines in rheumatoid arthritis. *The Doctor* 10: p. 24-26.

Sinicina OV, **Feofanova EV**, Babak PP, Andreev IS, **2007**. Dieulafoy's disease. *The Russian journal of Gastroenterology, Hepatology, Coloproctology*. 17: p.69-73.

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\* Authors contributed equally

## ABSTRACTS

**Feofanova EV**, Brown M, Brody J, Qi Q, Larson MG, Lemaitre R, Morrison AC, North KE, Taylor KD, Clish CB, Gerszten RE, Cupples LA, Kaplan RC, Psaty BM, Ramachandran VS, Rich SS, Rotter JI, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Metabolomics Working Group, Boerwinkle E, Yu B, **2020**. Multi-Ethnic Whole-Genome Sequencing Analysis of Human Metabolome from Trans-Omics for Precision Medicine (TOPMed) Program Identifies Novel Genetic Loci. *American Society of Human Genetics*.

**Feofanova EV**, on behalf of the Blood Pressure – International Consortium of Exome Chip (BP-ICE), CHARGE consortium, CHD Exome+, Exome BP, GoT2D:T2Dgenes, deCODE and the Million Veteran Program (MVP), **2020**. Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *53rd European Society of Human Genetics*.

**Feofanova E**, Chen H, Qi Q, Kaplan RC, Grove ML, North KE, Dai Y, Jia P, Laurie CC, Daviglus M, Cai J, Boerwinkle E, Yu B, **2019**. A Genome-wide association study reveals 50 novel loci of human metabolome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *American Society of Human Genetics*.

Saeed A, **Feofanova E**, Bing Y, Sun W, Virani S, Nambi V, Coresh J, Boerwinkle E, Ballantyne C, Hoogeveen R, **2018**. Low Density Lipoprotein Triglyceride and Incident Cardiovascular: Insights from the Atherosclerosis Risk in Communities Study. *Journal of Clinical Lipidology*. 12(2): p.527-528

Saeed A, **Feofanova E**, Bing Y, Virani S, Guild C, Coresh J, Boerwinkle E, Ballantyne C, Hoogeveen R, **2017**. Association of Elevated Triglycerides and Atherogenic Lipoproteins with Incident Cardiovascular Diseases: Insights from Genetic Data in the Atherosclerosis Risk in Communities Study. *Journal of Clinical Lipidology*. 11(3): p.788

Saeed A, Ballantyne C, Sun W, Heiss G, Mosley T, Guild C, Boerwinkle E, **Feofanova E**, Bing Y, Virani S, Coresh J, Nambi V, Hoogeveen R, **2017**. Association of Remnant-Like Particle Cholesterol and Low-Density Lipoprotein Triglyceride with Incidence of Cardiovascular Events: the ARIC Study. *Journal of the American College of Cardiology*. 69(11): Supplement

Yu B, **Feofanova E**, Muzny D, Morrison AC, Gibbs RA, Boerwinkle E, **2016**. Whole Genome Sequence Variants Influence Multiple Amino Acids Levels. The Biology of Genomes meeting, Cold Spring Harbor Laboratory.

Liu X, **Feofanova E**, Yazdani A, Yu B, Wei P, Morrison A, Boerwinkle E, **2016**. Functional annotation guided genotype-phenotype association analyses of whole genome sequence data. The Biology of Genomes meeting, Cold Spring Harbor Laboratory.

**Feofanova EV, Sadikova AV, Barysheva YV, 2013.** Three month course of atorvastatin had no side effects on liver function in patients with rheumatoid arthritis. XVIII Russian Congress Hepatology today: p. 50, p. 134.

Danilov A, Srivastava A, **Feofanova E**, Humphries L, Drenzo J, Korc M, **2012.** p53 homologue p63 trans-activates epidermal growth factor (EGF) receptor and 14-3-3 $\sigma$  and thus promotes tumorigenesis and chemoresistance in pancreatic cancer. XXth Annual meeting of the American Association for Cancer Research; Mar 31-Apr 4; Chicago, Illinois.

**Feofanova EV, Pachkunova MV, Sadikova AV, Barisheva UV, 2012.** Disorders of the GI system are among the most common comorbid conditions diagnosed in patients with RA. The *Russian journal of Gastroenterology, Hepatology, Coloproctology.* 12: p.176 (№658).

Pachkunova MV, **Feofanova EV, Tsyganova LA, 2012.** Clinical and laboratory efficacy of methotrexate in patients with rheumatoid arthritis is the result of its immunosuppressive effects on T-cells. Kazan school therapists conference. Targeted therapy in clinical practice. (Kazan) p.20-21.

**Feofanova EV, Pachkunova MV, Sadikova AV, 2012.** Serum TNF- $\alpha$  levels are independent of the disease duration in patients with rheumatoid arthritis. XIX Russian National Congress Man and Medicine (Moscow), p. 72-73.

**Feofanova EV, Pachkunova MV, 2012.** Involvement of the digestive system in patients with rheumatoid arthritis. XVII Russian Congress of Hepatology (Moscow), p. 64.

**Feofanova EV, Pachkunova MV, 2011.** Serum levels of TNF- $\alpha$  are associated with the activity score in patients with rheumatoid arthritis. Digest of the scientific works of the Annual conference of medicine interns (Yaroslavl), p.38.

Pachkunova MV, **Feofanova EV, 2010.** The combination therapy with low doses of prednisolone and diclofenac is more effective than the monotherapy with diclofenac in patients with rheumatoid arthritis. The Fifth National Congress of Internal Medicine (Moscow), p.75-76.

## AWARDS AND HONORS

- 2024 Teaching Innovation Award (Learning by Doing! Expanding, Harmonizing, & Sharing Effective Field Study Experiences for Epidemiology II), UTHealth Houston, School of Public Health, TX, USA
- 2024 Teaching Innovation Award (Improving Accessibility and Engagement of Learners in Asynchronous Epidemiology III), UTHealth Houston, School of Public Health, TX, USA
- 2023 Teaching Innovation Award (Building Strong Foundational Knowledge Through Student Engagement in Asynchronous Epidemiology I), UTHealth Houston, School of Public Health, TX, USA
- 2023 Teaching Innovation Award (Encouraging Student Engagement in Asynchronous Epidemiology II), UTHealth Houston, School of Public Health, TX, USA
- 2022 Travel Award, CHARGE Seattle meeting, WA, USA
- 2020 Member of the Winning Team, Hacking for Houston, Houston, TX, USA
- 2019 Travel Award, CHARGE St. Louis meeting, MO, USA
- 2017 Scientific Poster Award, Precision Medicine Day, Houston, TX, USA
- 2016 Travel Award, CHARGE Charlottesville meeting, VA, USA
- 2015 Travel Grant, iBRIGHT Houston, TX, USA.
- 2015 Center-based (Human Genetics Center) Doctoral Stipend, The University of Texas School of Public Health, Houston, TX, USA
- 2015 Doctoral Outstanding New Student Scholarship, The University of Texas School of Public Health, Houston, TX, USA
- 2014 President James T. /Nancy Beamer Willerson Scholarship in Public Health, The University of Texas School of Public Health, Houston, TX, USA
- 2014 Denton A. Cooley, MD Transformation & Hope Scholarship

2010	The University of Texas School of Public Health, Houston, TX, USA The letter of commendation for the participation at the Annual Conference of physicians and pharmacists, Yaroslavl Medical School, Russia.
2009	Graduated with Honors from Yaroslavl Medical School, Russia
2006	The Letter of Commendation for Pathology Course, Yaroslavl Medical School, Russia.

## COURSES

Semester	Course Name	Credit Hours	Role (% Effort)	N of students	Response rate (%)	Teaching Effectiveness (Average across 11 parameters)
Fall 2021	2213PHW-2740L-700: Cardiovascular Disease Epidemiology and Prevention	3	Co-instructor (30%)	56	5	4.65
Spring 2022	2221PH-2710L-101: Epidemiology III	3	Co-instructor (50%)	39	61.54	4.3
Summer 2022	2222PHW-2615L-701: Epidemiology II	3	Co-instructor (50%)	38	47.37	4.41
Fall 2023	2223PH-2615L-102: Epidemiology II	3	Principal Instructor (100%)	17	58.82	4.62
Fall 2023	2223PHM-2612L-104: Epidemiology I	3	Co-instructor (50%)	29	66.67	4.64
Spring 2023	2231PHW-2615L-700: Epidemiology II	3	Co-instructor (66%)	55	45.45	4.54
Summer 2023	2052PHW-2615L-700: Epidemiology II	3	Co-instructor (50%)	23	39.13	4.82
Summer 2023	2721PHW-2710L-700: Epidemiology III	3	Principal Instructor (100%)	13	23.08	4.67
Fall 2023	223PH-2615L-102: Epidemiology II	3	Principal Instructor (100%)	19	52.63	4.68
Fall 2023	2233PHW-2710L-701: Epidemiology III	3	Principal Instructor (100%)	24	41.67	4.81
Fall 2023	2233PH-2710L-100: Epidemiology III	3	Co-instructor (15%)	40	65	4.42
Spring 2024	2241PHW-2615L-701: Epidemiology II	3	Principal Instructor (100%)	32	62.5	4.34
Spring 2024	<b>2241PH-2998-100: Communicating Scientific Data – NEW COURSE!</b>	2	Principal Instructor (100%)	3	33.33	5
Summer 2024	2242PHW-2615L-700: Epidemiology II	3	Co-instructor (50%)	23	52.17	4.94
Summer 2024	2242PHW-2710L-700: Epidemiology III	3	Principal Instructor (100%)	27	40.74	4.65

## PRESENTATIONS

### Seminars

Child Health Applied Research Training (CHART) for Eswatini Scholars, Baylor College of Medicine, Global TB Program, Department of Pediatrics (April 30<sup>th</sup>, 2024). *Quantitative Research Methods: Epidemiological Studies. Lab: Foodborne Disease Outbreak.*

Epidemiology III in-person, led by Dr. Otto, UTHealth SPH (April 26<sup>th</sup>, 2024). *Meta-analysis lecture and lab.*

Epidemiology Retreat, UTHealth Houston, School of Public Health (May 31<sup>st</sup>, 2024) *Fostering Teaching Excellence*

College Teaching Preparation 101, Post Doctoral Association and the Office For Postdoctoral Fellows, The University of Texas, MD Anderson Cancer Center (July 27<sup>th</sup>, 2023). *Preparing for a Teaching Position Interview.*

Epidemiology III in-person, led by Dr. Otto, UTHealth SPH (April 24<sup>th</sup>, 2023). *Meta-analysis lecture.*

Child Health Applied Research Training (CHART) for Eswatini Scholars, Baylor College of Medicine, Global TB Program, Department of Pediatrics (October 12<sup>th</sup>, 2022). *Quantitative Research Methods: Epidemiological Studies.*

College Teaching Preparation 101, Post Doctoral Association and the Office For Postdoctoral Fellows, The University of Texas, MD Anderson Cancer Center (September 1<sup>st</sup>, 2022). *Preparing for a Teaching Position Interview.*

Teaching and Learning Workshops, The University of Texas Health Science Center at Houston (July 26<sup>th</sup>, 2022). *Preparing Your First Class—Syllabus.*

Seminar in Genetics, Human Genetics Center, The University of Texas School of Public Health, Houston, TX (September 2019). *A Genome-wide association study reveals 50 novel loci of human metabolome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL).*

Seminar in Genetics, Human Genetics Center, The University of Texas School of Public Health, Houston, TX (September 2018). *Exome Array Analysis of Blood Pressure Levels.*

Seminar in Genetics, Human Genetics Center, The University of Texas School of Public Health, Houston, TX (September 2016). *Whole Genome Analysis on Blood Pressure Levels.*

### Conferences

**Feofanova EV**, Brown MR, Alkis T, Manuel AM, Li X, Lin H, Tahir UA, Haessler J, Li Z, Mendez KM, Kelly RS, Brody JA, Qi Q, Larson MG, Lemaitre RN, Morrison AC, North KE, Taylor KD, Grieser C, Wong K, Clish CB, Gersztern RE, Zhao Z, Wilson JG, Lasky-Su J, Lin X, Kaplan RC, Kooperberg C, Psaty BM, Rich SS, Rotter JI, Vasani RS, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Metabolomics Working Group, Boerwinkle E, Yu B. Whole-Genome Sequencing Analysis of Human Metabolome in Multi-Ethnic Populations. *Oral presentation* at the CHARGE Seattle meeting, 2022.

**Feofanova EV**, on behalf of the Blood Pressure – International Consortium of Exome Chip (BP-ICE), CHARGE consortium, CHD Exome+, Exome BP, GoT2D:T2Dgenes, deCODE and the Million Veteran Program (MVP). 87 rare variants associated with blood pressure in meta-analysis of ~1.32 million individuals. *Oral presentation* at the European Society of Hypertension – International Society of Hypertension ON-AIR Joint Meeting, 2021.

**Feofanova EV**, Brown M, Brody J, Qi Q, Larson MG, Lemaitre R, Morrison AC, North KE, Taylor KD, Clish CB, Gersztern RE, Cupples LA, Kaplan RC, Psaty BM, Ramachandran VS, Rich SS, Rotter JL, NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium; TOPMed Metabolomics Working Group, Boerwinkle E, Yu B. Multi-Ethnic Whole-Genome Sequencing Analysis of Human Metabolome from Trans-Omics for Precision Medicine (TOPMed) Program Identifies Novel Genetic Loci. *Poster presentation* at the American Society of Human Genetics, **2020**.

**Feofanova EV**, on behalf of the Blood Pressure – International Consortium of Exome Chip (BP-ICE), CHARGE consortium, CHD Exome+ , Exome BP, GoT2D:T2Dgenes, deCODE and the Million Veteran Program (MVP). Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Oral presentation* at the Late Breaking Session of the European Human Genetics Virtual Conference, **2020**.

**Feofanova E**, Chen H, Qi Q, Kaplan RC, Grove ML, North KE, Dai Y, Jia P, Laurie CC, Daviglus M, Cai J, Boerwinkle E, Yu B. A Genome-wide association study reveals 50 novel loci of human metabolome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Oral presentation* at the American Society of Human Genetics, **2019**.

**Feofanova E**, Chen H, Qi Q, Kaplan RC, Boerwinkle E, Yu B. A Genome-wide association study reveals 51 novel loci of human metabolome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Oral presentation* at the CHARGE St. Louis meeting, **2019**.

**Feofanova EV**, Wang Z, Yu B, de Vries PS, Yu F, Gibbs RA, Morison A, Boerwinkle E. Whole Genome Sequence-Based Analysis of 197 Serum Metabolites in African Americans and European Americans from the Atherosclerosis Risk in Communities (ARIC) Study. *Poster presentation* at the Precision Medicine Day, **2017**.

**Feofanova EV**, on behalf of the Blood Pressure Working Group of the CHARGE Consortium. Whole-genome Analysis of Blood Pressure Using the CHARGE Analysis Commons. *Oral presentation* at the CHARGE Charlottesville meeting, **2016**.

**Feofanova EV**, Huber JC, Labarthe DR, Berenson GS, Hallman DM. A large-scale candidate gene association study of blood pressure change in children and adolescents. *Poster presentation* at the iBRIGHT Integrative Biostatistics Research for Imaging, Genomics, & High-throughput Technologies in Precision Medicine Houston, **2015**.

**Feofanova EV**, Pachkunova MV, Tsyganova LA. Clinical and diagnostic significance of cytokines in patients with rheumatoid arthritis. *Oral presentation* at the 53 conference of Yaroslavl Regional Hospital Yaroslavl, **2011**

**Feofanova EV**, Pachkunova MV. The study of the state of some cytokines under the influence of NSAID drug therapy in patients with rheumatoid arthritis. *Oral presentation* at the Annual conference of medicine interns Yaroslavl, **2011**

**Feofanova EV**, Pachkunova MV. The prognostic and diagnostic value of pro-inflammatory and anti-inflammatory cytokines in rheumatoid arthritis. *Oral presentation* at the Annual conference of physicians and pharmacists. Yaroslavl, **2010**

**Feofanova EV**, Pachkunova MV. Cytokines in rheumatoid arthritis. *Oral presentation* at the Annual conference of medicine interns Yaroslavl, **2006**

## **SERVICE**

11/23 – present

**Scholarship and Trainee Awards Committee,  
UTHealth Houston, SPH**

- Collaborating with the other members of the committee to select awardees for the existing scholarships among applicants.
- 01/23 – present      **Development of the Teaching Certificate at UTHealth Houston, SPH**  
Collaborating with representatives across the departments of the SPH to Plan and develop courses which would be part of a new Teaching Certificate.
- 10/22 – present      **Epidemiology - Preliminary Exam Committee, Department of Epidemiology, UTHealth Houston, SPH**  
Collaborating with the other members of the committee to select manuscripts, write questions, assign grading points, and grade the submissions of the Preliminary Exam in Epidemiology.
- 03/22 – present      **Epidemiology Curriculum Committee, Department of Epidemiology, UTHealth Houston, SPH**  
Reviewed existing Epi II courses for consistency between the faculty. Collaborating with the other members of the committee to review the syllabi for the new courses, proposed by the EHGES Faculty members, updated administrative documentation for EHGES degrees, and other arising issues.
- 09/22 – present      **Non-Tenure Track Faculty – Unofficial Meetings, Department of Epidemiology, UTHealth Houston, SPH**  
Planning out new courses / offerings, which might be of interest for the EHGES students.

## **COMPUTATIONAL SKILLS**

Programming languages: R, Python.

Text formatting: Microsoft Word, Excel, Power Point, TeX.

## **MEMBERSHIP**

American Educational Research Association – 2023

Metabolites Review Board – 2021 - 2023

([https://www.mdpi.com/journal/metabolites/submission\\_reviewers](https://www.mdpi.com/journal/metabolites/submission_reviewers))

American Society of Human Genetics – 2019-2021

## **SKILLS DEVELOPMENT**

Reading Group: Improving Learning and Mental Health in the College Classroom by R. Eaton, S.V. Hunsaker, B. Moon (Chapters 1-3) - Center for Teaching Excellence, Rice University (September 11, 2024)

Health Communication Leadership Institute – UT Center for Health Communication (June 12-14, 2024)

Mental Health First Aid Training (Online) – The Harris Center for Mental Health and IDD (November 9, 2023)

Reading Group: Small Teaching (Chapters 7-9) - Center for Teaching Excellence, Rice University (November 1, 2023)

Reading Group: Small Teaching (Chapters 4-6) - Center for Teaching Excellence, Rice University (October 11, 2023)

Reading Group: Small Teaching (Chapters 1-3) - Center for Teaching Excellence, Rice University (September 6, 2023)

The 2023 Innovation in Health Science Education Annual Conference: Diversity, Collaboration, and Opportunities in Current Health Science Education – Shine Academy (March 3-4, 2023)

ComSciCon Houston 2023, Communicating Science Workshop – Rice University (February 25, 2023)

Summer Institute 2022, Faculty Development Teaching Scholars - West Virginia University Robert C. Byrd Health Sciences Center (June 6-8, 2022, with Certificate of Completion)

Graduate Workshop Series: Student Motivation - Center for Teaching Excellence, Rice University (November 9, 2021)

Faculty Pedagogy Institute: Creating a Learner-Centered Syllabus - Center for Teaching Excellence, Rice University (October 12, 2021)

Exploring Interactive Lecturing through an Inclusive Learning Lens - Center for Teaching Excellence, Rice University (October 5, 2021)

## **OTHER ACTIVITIES**

Facilitated the formation of the Health Care Setting Educational Experience Program at MD Anderson (led by Dr. Hutcheson), with the first UTHealth Houston SPH student enrolling in this Practicum opportunity in Fall, 2024

Member of the Faculty Review Committee - President's Award for Excellence in Postdoctoral Research, UTHealth Houston Office of Postdoctoral Affairs and the Postdoctoral Association, 2024

Reviewer:

- *Metabolites*
- *Diabetologia*
- *Biology*
- *Journal of Medical Internet Research (JMIR)*
- *JMIR Research Protocols*
- 

Educator at the Community Action Poverty Simulator (UTHealth Houston, TX):

- *April 30<sup>th</sup> 2024*
- *January 30<sup>th</sup> 2024 (+facilitator)*
- *September 20<sup>th</sup> 2023 (+facilitator)*