

Curriculum Vitae

EKATERINA V. FEDOROVA, MS, DrPH

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EDUCATION

- 2019-2020 Post-Doctoral Research Fellow**
Drexel University, Dornsife School of Public Health
Mentor: Lankenau, S.E., PhD
- 2013-2018 Doctor of Public Health, Community Health & Prevention**
Drexel University, Dornsife School of Public Health
Illicit drug use and prescription drug misuse among young adult medical marijuana patients and non-patient marijuana users in Los Angeles
Chair: Lankenau, S.E., PhD
GPA: 3.95
- 2008-2009 Fogarty Training Program Fellow**
Yale University, School of Medicine, Department of Epidemiology and Public Health, Center for Interdisciplinary Research on AIDS
Supervisor: Hansen, N., PhD
- 2004-2006 Advanced Qualification in Practical Psychology**
Institute of Practical Psychology IMATON, St. Petersburg, Russia
Family therapy, cognitive therapy and patient-centered therapy
Supervisor: Paley, A., PhD
- 1998-2004 Master of Science Degree in Legal Psychology**
St. Petersburg State University, Department of Psychology, Division of Psychology of Behavior and Behavior Deviations Prevention
Personality Characteristics of Employees of State Fire Service
Chair: Voit, T., PhD
GPA 3.79

PUBLICATIONS

Ataiants, J., Wong, C. F., Odejimi, O. A., **Fedorova, E. V.**, Conn, B. M., & Lankenau, S. E. (2024). Medicinal cannabis use among young adults during California's transition from legalized medical use to adult-use: a longitudinal analysis. *The American journal of drug and alcohol abuse*, 50(2), 229-241.

Fedorova, E. V., Mitchel, A., Finkelstein, M., Ataiants, J., Wong, C. F., Conn, B. M., & Lankenau, S. E. (2023). Pre-post cannabis legalization for adult use: a trend study of two cohorts of young adult cannabis users in Los Angeles. *Journal of psychoactive drugs*, 1-11.

Conn, B. M., Brammer, W. A., Choi, S., **Fedorova, E. V.**, Ataiants, J., Lankenau, S. E., & Wong, C. F. (2023). Mental and Physical Health-Related Cannabis Motives Mediate the Relationship between Childhood Trauma and Problematic Cannabis Use over Time among Emerging Adult Cannabis Users. *Substance Use & Misuse*, 1-15.

Fedorova, E. V., Wong, C. F., Conn, B. M., Ataiants, J., & Lankenau, S. E. (2022). COVID-19 Vaccine Uptake and Attitudes Within Two Cohorts of Younger Adult Cannabis Users. *Journal of Drug Issues*, 00220426221131488.

DiGuseppi, G., **Fedorova, E.**, Conn, B., Lankenau, S., Davis, J., Ataiants, J., & Wong, C. (2023). Understanding Changes in Social Cannabis Use among Young Adults During the COVID-19 Pandemic: A Social Network Analysis. *Cannabis*.

DiGuseppi, G. T., **Fedorova, E. V.**, Lankenau, S. E., Davis, J. P., & Wong, C. F. (2022). Egocentric Network Characteristics and Cannabis Use in a Sample of Young Adult Medical Cannabis Patients and Non-Patient Users. *Journal of studies on alcohol and drugs*, jsad-21.

Khurana, S., **Fedorova, E. V.**, Kaur, H., Mitchell, A., Kosdon, S., Ataiants, J., Conn, B., Wong, C., & Lankenau, S. E. (2022). “I Feel Validated”: Participation in a Medical Cannabis Program in the Context of Legalized Recreational Use. *Journal of Drug Issues*, 00220426221097924.

Fedorova, E. V., Wong, C. F., Conn, B. M., Ataiants, J., Iverson, E., & Lankenau, S. E. (2021). COVID-19’s impact on substance use and well-being of younger adult cannabis users in California: a mixed methods inquiry. *Journal of Drug Issues*, 00220426211052673.

Fedorova, E. V., Ataiants, J., Wong, C. F., Iverson, E., & Lankenau, S. E. (2021). Changes in medical cannabis patient status before and after cannabis legalization in California: associations with cannabis and other drug use. *Journal of psychoactive drugs*, 1-11.

Ataiants J, **Fedorova E.V.**, Wong C.F., Iverson E., Gold J.I., Lankenau S.E. Pain Profiles among Young Adult Cannabis Users: an Analysis of Antecedent Factors and Distal Outcomes. *Subst Use Misuse*. 2021 Apr 21:1-11. doi: 10.1080/10826084.2021.1910707. Epub ahead of print. PMID: 33882778.

Fedorova, E. V., Wong, C. F., Ataiants, J., Iverson, E., Conn, B. M., & Lankenau, S. E. (2021). Cannabidiol (CBD) and other drug use among young adults who use cannabis in Los Angeles. *Drug and Alcohol Dependence*, 221, 108648.

Fedorova, E. V., Schrage, S. M., Robinson, L. F., Roth, A. M., Wong, C. F., Iverson, E., & Lankenau, S. E. (2020). Developmental trajectories of illicit drug use, prescription drug misuse and cannabis practices among young adult cannabis users in Los Angeles. *Drug and alcohol review*, 39(6), 743-752.

Fedorova, E. V., Roth, A. M., Cepeda, A., Wong, C. F., Iverson, E., Lankenau, S. E. (2020) The role of life events/contextual factors and marijuana use in other drug use among young adult marijuana users in Los Angeles: a qualitative inquiry. *Journal of Drug Issues*, 50(2), 157-172.

Reed, M., Kioumars, A., Ataiants, J., **Fedorova, E.V.**, Iverson, E., Wong, C.F., Lankenau, S. (2020) Marijuana sources among a cohort of young adult marijuana users in Los Angeles, California. *Drugs: Education, Prevention and Policy*, 27(1), 69-78.

Fedorova, E. V., Schrager, S. M., Robinson, L.F., Cepeda, A., Wong, C. F., Iverson, E., Lankenau, S. E. (2019) Illicit drug use and prescription drug misuse among young adult medical marijuana patients and non-patient users in Los Angeles. *Drug and alcohol dependence*, 198, 21-27.

Lankenau, S. E., **Fedorova, E. V.**, Reed, M., Schrager, S. M., Iverson, E., & Wong, C. F. (2017). Marijuana practices and patterns of use among young adult medical marijuana patients and non-patient marijuana users. *Drug and alcohol dependence*, 170, 181-188.

Hammett, T.M., Phan, S., Gaggin, G., Case, P., Zaller, N., Luthnic, A., Kral, A., **Fedorova, E.**, Heimer, R., Small, W., Pollini, R., Beletsky, L., Latkin, C., Jarlais, D.S.D., (2014) Pharmacies as providers of expanded health services for people who inject drugs: a review of laws, policies, and barriers in six countries. *BMC health services research*, 14(1), 261.

Fedorova, E.V., Skochilov, R.V., Heimer, R., Case, P., Beletsky, L., Grau, L.E., Kozlov, A.P., Shaboltas, A.V. (2013) Access to Syringes for HIV Prevention for Injection Drug Users in St. Petersburg, Russia: syringe purchase test study. *BMC Public Health*, 13(1), 183.

Fedorova, E.V., Toussova, O.V., Volkova, G.V., Heimer, R., Kozlov, A.P. (2007) Results on research of sexual transmission of HIV in St. Petersburg within SATCH-CAP study. *Russian Journal of AIDS, Cancer and Public Health*, 1(1), 101.

CONFERENCE PRESENTATIONS

Oral Presentations

Ataiants, J., **Fedorova, E.V.**, Finkelstein, M., & Lankenau, S.E. “Mothers and fathers who use medical cannabis: A comparison of sociodemographics, mental health, and cannabis use,” College on Problems of Drug Dependence Annual Meeting, Annual Conference, Montreal, QC, June 2024.

Fedorova, E.V., Ataiants, J., Seaberg, J., Finkelstein, M., Ryan, V., Cohn, J., Lankenau, S.E. “Terpene/cannabinoid profile preferences & cannabis practices in medical cannabis patients who use cannabis for pain & anxiety”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, Denver, CO, June 2023.

Ataiants, J., **Fedorova, E.V.**, Cocchiaro, B., Kleber, L., Cohn, J., and Lankenau, S. (2023). Anxiety trajectories, well-being, and cannabis use in a cohort of Pennsylvania medical cannabis patients. College on Problems of Drug Dependence Annual Meeting, Annual Conference, Denver, CO, June 2023.

Wong, C.F., Conn, B., Iverson, E., **Fedorova, E.V.**, Lankenau, S.E. “Emerging trends in micro-dosing cannabis among cannabis using young adults in Los Angeles”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, [online], June 2020.

Wong, C.F., Iverson, E., Conn, B., Mendez, S., **Fedorova, E.V.**, Lankenau, S.E. “Behavioral and health consequences of cannabis and tobacco co-use among cannabis using young adults”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, El Paso, TX, June 2019.

Fedorova, E.V., Schragar, S.M., Robinson, L.F., Roth, A.M., Wong, C.F., Iverson, E., & Lankenau, S.E. “4-year trajectories of illicit drug use and prescription drug misuse among young adult medical cannabis patients and non-patient users in Los Angeles”. American Public Health Association Annual Meeting, Philadelphia, PA, November 2019.

Fedorova E.V., Lankenau, S. “Illicit drug use among young adult marijuana users in Los Angeles: Implications for medical use”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, Palm Springs, CA, June 2016.

Lankenau, S., Kioumars, A., Reed, M., **Fedorova, E.V.**, Ataiants, J., Leaver-Schmidt, E., Wong, C.F., Iverson, E. “Marijuana use among young adults: Qualitative differences between medical and non-medical users.” Society for the Study of Social Problems, Annual Meeting, San Francisco, Chicago, August 2015.

Lankenau, S., Kioumars, A., **Fedorova, E.**, Mohanty, S. Medical Marijuana Dispensaries and Young Adults in Los Angeles: Geographic Aspects.” Society for the Study of Social Problems Annual Meeting, San Francisco, August 2014.

Fedorova, E.V., Toussova, O.V., Volkova, G.V., Heimer, R., Kozlov, A.P. “Results on research of sexual transmission of HIV in St. Petersburg, SATH-CAP study”. 16th International Conference “AIDS, Cancer and Public Health”, St. Petersburg, Russia, May 2007.

Poster Presentations

Fedorova, E.V., Ataiants, J. & Lankenau, S. E. “Comorbidities of pain and anxiety among medical cannabis patients who use cannabis for sleep: health and cannabis use outcomes”. American Public Health Association. Annual Meeting. Minneapolis, MN, October 2024.

Fedorova, E.V., Ataiants, J., Conn, B., Wong, C.F., Lankenau, S.E. “Cannabis and alcohol use trajectories: A qualitative analysis of contributing factors and interconnections,” College on Problems of Drug Dependence Annual Meeting, Annual Conference, Montreal, QC, June 2024.

Ataiants, J., **Fedorova, E.V.**, Finkelstein, M., & Lankenau, S. E. (2023). “Parents and non-parents in a medical cannabis program: A comparison of socio-demographics, cannabis use, and mental health”. American Public Health Association. Annual Meeting. Atlanta, GA, November 2023.

Fedorova, E.V., Ataiants, J., Mitchell, A., Lankenau, S.E. “Age differences in patterns of cannabis and other drug within a cohort of medical cannabis patients in Pennsylvania”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, Minneapolis, MN, June 2022.

Ataiants, J., Wong, C.F., Conn, B.M., **Fedorova, E.V.**, Odejimi, O., and Lankenau, S. (2022). Health Conditions as predictors of longitudinal groups of medicinal cannabis use during the

legalization of recreational cannabis in Los Angeles. College on Problems of Drug Dependence. Annual Meeting. Minneapolis, MN, June 2022.

Fedorova, E.V., Wong, C.F., Conn, B., Ataiants, J., Iverson, E., Lankenau, S.E. “The impact of COVID-19 on cannabis and alcohol use among young adult cannabis users in Los Angeles”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, [online], June 2021.

Fedorova, E.V., Wong, C.F., Iverson, E., Conn, B., Lankenau, S.E. “Patterns and Correlates of Cannabidiol Use in a Cohort of Young Adult Cannabis Users in Los Angeles”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, [online], June 2020.

Mendez, S.E.A., Wong, C.F., Iverson, E., Conn, B., **Fedorova, E.V.**, Lankenau, S.E. “Effects of CA Recreational Cannabis Legalization on Young Adult Patient and Non-Patient Attitudes”, American Psychological Association, Annual Meeting, Chicago, IL, August 2019.

Fedorova, E. V., Schrager, S. M., Robinson, L.F., Roth, A. M., Wong, C. F., Iverson, E., Lankenau, S. E. “Developmental trajectories of illicit drug use and prescription drug misuse among young adult medical marijuana patients and non-patient users in Los Angeles”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, El Paso, TX, June 2019.

Fedorova, E.V., Lankenau, S.E. “Illicit drug use among young adult marijuana users in Los Angeles: a qualitative analysis of contextual factors, life events, and marijuana use”, College on Problems of Drug Dependence Annual Meeting, Annual Conference, San Diego, CA, June 2018.

Lankenau, S., **Fedorova, E.**, Wong, C., Schrager, S., Iverson, E. “Transitions into and out of medical marijuana patient status among young adults in Los Angeles” American Public Health Association Annual Meeting, Denver, CO, November 2016.

Fedorova, E.V., Lankenau, S.E. “Illicit drug use among young adult marijuana users in Los Angeles”, The College of Physicians Annual Student Poster Session, Philadelphia, PA, May 2016.

Lankenau, S., **Fedorova, E.**, Mohanty, S., Kioumarsis, A., Dodson, C., McNeeley, M., Treese, M., Wong, C., Iverson, E. “Young Adult Medical Marijuana Patients: Health Histories and Motives for Marijuana Use.” American Public Health Association Annual Meeting, Chicago, IL, November 2015.

Fedorova, E., Schrager, S., Wong, C., Iverson, E. Lankenau, S. “Examining the stepping-off hypothesis among young adult marijuana users in Los Angeles.” American Public Health Association Annual Meeting, Chicago, IL, November 2015.

Lankenau, S., Kioumarsis, A., **Fedorova, E.**, Mohanty, S., Stokes, J., Dodson, C., Iverson, E. McNeeley, M., Schrager, S., Treese, M., Wong, C., “Marijuana Use among Young Medical Marijuana Patients and Non-Patients in Los Angeles: Preliminary Results.” College on Problems of Drug Dependence Annual Meeting, San Juan, PR, June 2014.

RESEARCH EXPERIENCE

2024-Present	Co-Investigator <i>Medical Marijuana, Emerging Adults, & Community: Connecting Health and Policy</i> 2R01 DA034067 2024-2029	Drexel University
2021-Present	Co-Investigator <i>Pennsylvania State Epidemiological Outcomes Workgroup</i>	Drexel University
2020-Present	Co-Investigator <i>A Registry Study of Medical Cannabis Patients in Pennsylvania</i>	Drexel University
2020-Present	Senior Research Scientist <u>Supervisor:</u> Stephen Lankenau, PhD	Drexel University
2019-2020	Post-Doctoral Research Fellow <i>Medical Marijuana, Emerging Adults, & Community: Connecting Health and Policy</i> 2R01 DA034067 2018-2023 <ul style="list-style-type: none"> Dissemination of study findings through peer reviewed articles, poster and oral presentations at scientific meetings; contribution to the development of a grant supplement; advisory and technical assistance with study procedures (participant tracking system, data management and data analysis) <u>Mentor:</u> Stephen Lankenau, PhD	Drexel University
2015	Graduate Research Assistant <i>Urban Health Collaborative</i> <ul style="list-style-type: none"> Assisting with literature review, data sources search and organization of the Urban Health Symposium <u>Supervisor:</u> Katie Livengood, MPH	Drexel University
2013-2018	Graduate Research Assistant <i>Medical Marijuana, Emerging Adults, & Community: Connecting Health and Policy</i> R01 DA034067 2013-2018 <ul style="list-style-type: none"> Survey development and programming in REDCap; creating maps with ArcGIS; data cleaning, cross-sectional/longitudinal quantitative (SAS) and qualitative (Atlas.ti) data analyses; Access database maintenance; development and management of participants' tracking system; manuscripts preparation <u>Supervisor:</u> Stephen Lankenau, PhD	Drexel University
2011-2013	Project Coordinator <ul style="list-style-type: none"> Acted as a liaison between CRO, sponsor, vendors and 27 investigative sites; monitored activities of Clinical Research Associates; handled various daily tasks related to study conduct (financial management, regulatory affairs, logistics, clinical trials supply management and quality assurance of the study conduct at the investigative sites) 	Worldwide Clinical Trials, CRO St. Petersburg, Russia

Supervisor: Vera Skrydlyak, MS

- 2009-2011** **Research Coordinator** **Yale University, St. Petersburg State University**
International Feasibility Study of Pharmacy-Based HIV Prevention: St. Petersburg
5R21DA027228-02
- Coordinated fieldwork of social workers; conducted training for study personnel; contributed to the development of interim study objectives and methodology; conducted qualitative interviews with key informants; negotiated with local authorities such as St. Petersburg Committee for Healthcare and Committee for Youth Policy and Social Organizations Interaction regarding possible collaboration; conducted quantitative (SPSS) and qualitative (Atlas.ti) data analysis; prepared formative, progress and financial reports; prepared manuscripts for peer-reviewed journals
- Supervisor: Shaboltas A.V., PhD

- 2005-2008** **Junior Research Fellow** **Biomedical Center, St. Petersburg, Russia**
Sexual acquisition and transmission of HIV – cooperative agreement program 5U01-DA017387
- Conducted surveys; implemented venue-based recruitment of study participants; performed data analysis; prepared progress reports
- Supervisor: Toussova, O.V., PhD

CLINICAL EXPERIENCE

- 2005-2008** **Counselor** **Biomedical Center, St. Petersburg, Russia**
- conducted pre and post HIV test counseling with study participants within various research studies among injection drug users and men who have sex with men
- 2004-2005** **Counselor** **NGO “Vozvrashcheniye”, St. Petersburg, Russia**
rehabilitation center for young adults with opioid addiction
- conducted psychological diagnostics, counseling and group therapy sessions

TEACHING EXPERIENCE

- 2019** **Adjunct Teaching Professor** **Drexel University**
PBHL 316: Drugs, Society and Public Health
CHP 650: Drug Use and Public Health
- 2019** **Guest Lecturer** **Drexel University**
PBHL 510: Public Health Foundations and Systems I
“Theories and models”
Primary Instructor: Yudell, M., MPH, PhD
- 2018** **Adjunct Teaching Professor** **Drexel University**
PBHL 316: Drugs, Society and Public Health

2018	Guest Lecturer <i>CHP 650: Drug Use and Public Health</i> “Comparative international study of pharmacy-based HIV prevention among IDU” <u>Primary Instructor:</u> Ataiants, J., MA, DrPH(c)	Drexel University
2017	Doctoral Teaching Fellow <i>PBHL 316: Drugs, Society and Public Health</i>	Drexel University
2016	Teaching Assistant <i>PBHL 612ES: Program Planning, Implementation & Evaluation</i> <u>Supervisor:</u> Matlin S., PhD	Drexel University
2013	Guest Lecturer <i>BSAR 015. Russian Cultures: The Microbial Perspective,</i> “International Feasibility Study of Pharmacy-Based HIV Prevention: St. Petersburg” <u>Primary instructor:</u> Palin K.A., PhD	Bates College
2011	Teaching Assistant <i>Modern Preventive Technologies in Public Health</i> <i>Actual Problems of Public Health</i> <ul style="list-style-type: none"> Managed contacts with invited speakers; conducted oral examinations and tests; gave lectures <u>Supervisor:</u> Kozlov A.P., PhD	St. Petersburg State University
2010	Trainer <i>Seminar Psychological and sociological approaches and techniques of HIV prevention among injection drug users</i> <ul style="list-style-type: none"> Developed and conducted training program for specialists of municipal social services who is working with people living with HIV/AIDS and their family members 	Committee on Labor and Social Protection Administration of St. Petersburg, Russia

PROFESSIONAL SERVICES AND ACTIVITIES

2022-Present	Peer Reviewer Addiction	
2021-Present	Scientific Advisory Board Member Drexel Medical Cannabis Research Center, Philadelphia, PA	
2021-Present	Peer Reviewer Journal of Drug Issues	
2019-Present	Peer Reviewer Drug and Alcohol Dependence Journal	

- 2017** **Peer Reviewer**
AIDS Care - Psychology, Health & Medicine - Vulnerable Children and Youth Studies
- 2016** **Peer Reviewer**
Journal of Addiction Research & Therapy
- 2015** **Peer Reviewer**
International Research Journal of Public & Environmental Health
- 2014-2015** **Volunteer, Data Analyst**
Prevention Point Philadelphia, syringe exchange program
- 2014** **CAB Member**
UPenn CTU Community Advisory Board HIV Prevention Research Division, Philadelphia, PA
- 2014** **Committee Member**
Connect to Protect, Risk Reduction Committee, Philadelphia, PA
- 2008-2009** **Volunteer**
Hill Health Center, methadone clinic, New Haven, CT
- Prepared group project on advocacy of a methadone maintenance treatment in Russia in the form of a pilot study
- 2006-2008** **Organization committee**
Annual International Conference “AIDS, Cancer and Public Health”, St. Petersburg, Russia

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

- 2017-Present** College on Problems of Drug Dependence
- 2015-Present** American Public Health Association