



Elias M. Klemperer, Ph.D.  
**CURRICULUM VITAE**

Position: Associate Professor  
Department of Psychiatry

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**EDUCATION**

2019-2020	University of Vermont Larner College of Medicine, Burlington, VT	NIH Postdoctoral fellow, Vermont Center on Behavior and Health
2018-2019	Yale University School of Medicine, New Haven, CT	Doctoral Internship in Clinical and Community Psychology (APA accredited)
2013-2019	University of Vermont, Burlington, VT	Ph.D., Clinical Psychology; NIH Predoctoral fellow
2006-2011	Lewis & Clark College, Portland, OR	B.A., Psychology

**LICENSES, CERTIFICATION**

2022-Present	Licensed Clinical Psychologist	State of Vermont, License No. 048.0134378
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**FACULTY POSITIONS HELD**

2019-2022	Outpatient Clinician	Vermont Psychological Services, Department of Psychological Science, University of Vermont
2020-2025	Assistant Professor	Departments of Psychiatry (primary) and Psychological Science University of Vermont
2025-Present	Associate Professor	Departments of Psychiatry (primary) and Psychological Science University of Vermont

**LEADERSHIP AND MAJOR ADMINISTRATIVE POSITIONS HELD**

<b>Years</b>	<b>Program name</b>	<b>Role</b>
2016-2020	<b>Vermont Correctional Addiction Treatment Program</b> The Vermont Correctional Addiction Treatment Program (VCAP) is a specialty service within UVM's Vermont Psychological Services which provides evidence-based behavioral addiction treatment for people who are incarcerated within two correctional facilities in Vermont. The program involves training, supervision, and practicum experience for graduate student clinicians within the UVM Department of Psychological Sciences and a patient data repository to support research projects, including a doctoral dissertation and graduate student-led peer reviewed publication.	Founder, Supervisor, and Clinician
2020-2023	<b>Center on Biomedical Research Excellence</b> The University of Vermont Center on Biomedical Research Excellence is funded by the National Institute on General Medical Sciences (NIGMS) and supports the establishment and development of innovative, state-of-the-art biomedical and behavioral research. I served as PI and project leader of a large (N=396) national randomized controlled trial titled: <i>A Randomized Controlled Trial of Smoking Cessation Treatment for Young Adult Dual Users of Combustible and Electronic Cigarettes</i> .	Project Leader
2021-2025	<b>UVM Tobacco Center of Regulatory Science</b> The Vermont TCORS was established in 2013 and is funded by an NIH- and FDA-center grant The	Core Leader: Rapid Response Projects;

- Vermont TCORS investigators extend across UVM, Johns Hopkins University, and Brown University with UVM as the coordinating site. Our Center is dedicated to researching reduced nicotine combusted tobacco products and non-combusted sources of nicotine among vulnerable populations. We also coordinate a series of smaller rapid response research projects to address timely issues related to tobacco regulation. Finally, UVM TCORS also provides a pre- and post-doctoral training program in tobacco regulatory science.
- 2023-Present **UVM Center on Rural Addiction (CORA)/Rural Center of Excellence on SUD Treatment** Co-Director: Education and Outreach  
 UVM CORA was established in 2019 and is funded by a \$13.7 million RCORP-RCOE Center of Excellence Award from the Health Resources & Services Administration. The aim of UVM CORA is to disseminate science-based treatments and tools to rural communities, with the overarching goal of expanding opioid use disorder (OUD) treatment capacity and reducing opioid-related morbidity and mortality in the rural areas so disproportionately impacted by the ongoing opioid epidemic.
- 2023-Present **Vermont Center on Behavior and Health (VCBH)** Associate Director; Leader of Pilot Project Program  
 The VCBH is an interdisciplinary research center committed to investigating the relationships between behavior patterns and risk for chronic disease and premature death, with a focus on health disparities among vulnerable populations. As Associate Director I manage center activities including research personnel, lecture series, conference preparation, and plans for future grant funding. In addition, in my role as Leader of the Pilot Project Program, I manage a fund of \$250,000/year for pilot research projects to seed larger NIH funded grants within our center.

## HONORS AND AWARDS

Year	Award/Honor
2016	University of Vermont Clinical Science Training Award
2017	University of Vermont Graduate College Most Innovative Research Award
2017	National Institute on Drug Abuse (NIDA) Director's Award

2018	Yale Doctoral Internship in Clinical & Community Psychology Travel Award
2019	University of Vermont Larner College of Medicine Dean's Excellence in Research Award: First Prize
2020	University of Vermont Graduate College Outstanding Dissertation Award
2020	College on Problems of Drug Dependence Early Career Investigator Travel Award
2020	American Psychological Association: Division 28 Outstanding Dissertation Award
2024	University of Vermont Larner College of Medicine Rising Star New Investigator Award
2025	Society for Research on Nicotine and Tobacco (SRNT) Jarvik-Russell New Investigator Award

### **KEYWORDS/AREAS OF INTEREST**

Cigarettes; E-cigarettes; Tobacco treatment; Tobacco regulatory science; Smoking cessation; Criminal justice settings; Opioid use disorder; Opioid treatment; Rural health; Substance use disorders; Health behavior change

### **SUMMARY OF PROFESSIONAL ACTIVITIES- OVERALL**

I am an Associate Professor in the Department of Psychiatry with a secondary appointment in the department of Psychological Science. As a behavioral scientist and licensed clinical psychologist, my research focuses primarily on tobacco control and regulatory science. I completed my doctoral training at the University of Vermont and, after a clinical internship at Yale University, received my PhD in 2019. I then completed one year of a postdoctoral fellowship before joining the faculty at the University of Vermont in 2020 as an NIH-funded Project Leader within the Vermont Center on Behavior and Health (VCBH) Center on Biomedical Research Excellence (COBRE). My current research includes two R01s focused on the dual use of cigarettes and e-cigarettes. The first is a NIH/NIDA and FDA-funded randomized controlled trial to assess nicotine reduction in cigarettes and e-cigarettes. The second is a NIH/NIDA-funded cohort study to examine fine-grained patterns and longitudinal trajectories of cigarette and e-cigarette use among adults who dually use both products compared to those who exclusively use cigarettes or e-cigarettes. Both R01s build directly upon work that I began as a COBRE Project Leader.

Broadly, my research focuses on nicotine reduction, dual use of cigarettes and e-cigarettes, and interventions for people who are not motivated to quit smoking. I am the recipient of the 2025 Society of Research on Nicotine and Tobacco (SRNT) Jarvik-Russell New Investigator award, which is awarded annually to the early-career scientist who has made extraordinary contributions to the field of nicotine and tobacco research. I have published over 65 papers in well-regarded peer-reviewed journals (including *JAMA*

*Psychiatry, Addiction, and Tobacco Control*) and given more than 100 local, national, and international scientific presentations on my research in addiction. I have led or collaborated on multiple large national multi-site randomized clinical trials, and have experience conducting both in-person and fully-remote research. In addition to my work in tobacco, I have an emerging line of research examining the treatment of opioid use disorder among incarcerated individuals which includes a recently completed NIH-funded statewide evaluation of the implementation of medication for opioid use disorder in Vermont correctional facilities. I serve as an *ad hoc* NIH grant reviewer on the Interventions to Prevent and Treat Addiction (IPTA) study section. Additionally, I am on the editorial board of *Preventive Medicine* and serve on the advisory committee for the Treatment Research Network within the Society for Research on Nicotine and Tobacco (SRNT). My leadership roles within UVM include serving as Associate Director of the Vermont Center on Behavior and Health, leading our COBRE Pilot Project Program and Co-Directing the Education and Outreach Core in the UVM Center on Rural Addiction (CORA). Finally, I am the primary mentor for one Clinical Psychology pre-doctoral fellow and one NIDA-funded post-doctoral fellow, I serve on multiple masters thesis and doctoral dissertation committees, and I work regularly with trainees, undergraduates, and medical students within the Vermont Center on Behavior and Health (VCBH).

## **SUMMARY OF ACCOMPLISHMENTS**

- As PI, I have two active NIH R01s to investigate dual use of cigarettes and e-cigarettes.
- I serve as Associated Director of the Vermont Center on Behavior and Health (VCBH), an NIH-funded center which includes 23 faculty members, 3 post-doctoral fellows, and 3 pre-doctoral trainees conducting behavioral health research.
- I serve as a Co-Director for the UVM Center on Rural Addiction (CORA), a HRSA-funded Rural Center of Excellence which includes 14 faculty and over 15 staff members dedicated to the dissemination of evidence based treatment for addiction in rural communities across all 50 states.
- I have authored more than 65 publications in well regarded peer-reviewed journals including *JAMA Psychiatry, Addiction, Tobacco Control, Drug and Alcohol Dependence, Preventive Medicine, and Nicotine & Tobacco Research*.
- I regularly give invited presentations for academic conferences, universities, and healthcare agencies.
- I currently serve on the Editorial Board for *Preventive Medicine*, have served as a Guest Editor for *Nicotine & Tobacco Research*, and serve as an ad hoc reviewer for over 15 peer-reviewed journals
- Serving in leadership positions, I am an active member of the Society for Research on Nicotine and Tobacco (SRNT), which is the flagship international organization for tobacco researchers.
- I served as chair of the SRNT Treatment Research Network, Communications Committee for over 5 years and currently serve on Treatment Research Network Advisory Committee.

## **PROFESSIONAL SERVICE**

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## **DEPARTMENTAL SERVICE**

2016	Psychiatry/VCBH Tobacco Center of Regulatory Science Development Grant Review	Grant Reviewer
2023	Vermont Biomedical Research Network (VBRN) Grant Writing Workshop	Grant-writing Consultation
2020-2024	Dual Use Tobacco Trials Hiring Committee	Principal Investigator
2025	UVM Addiction Treatment Center Training: Strategies to Promote Smoking Cessation Among Patients With Substance Use Disorder	Guest Speaker

COLLEGE SERVICES

2021-Present	Vermont Center on Behavior and Health (VCBH) pre- and post-doctoral trainee recruitment and hiring	Faculty Interviewer
2023-Present	Vermont Center on Behavior and Health	Associate Director
2023-Present	UVM Center on Rural Addiction (CORA)/Rural Center of Excellence on SUD Treatment	Co-Director of Education and Outreach Core
2025	Larner College of Medicine's Excellence in Research Award Reviewer	Reviewer

MEDICAL CENTER SERVICE

N/A

UNIVERSITY SERVICE

2022-Present	Cancer Population Sciences (CPS), University of Vermont Cancer Center	Member
2024-Present	University of Vermont Faculty Senate	Elected Senator
2024-Present	University of Vermont Cancer Center	Community Ambassador
2025	Cancer Population Sciences: Recent Research and the Pursuit of R01s	Guest Lecture
2025	<i>Careers in Cancer</i> event for high school students interested in cancer-related careers hosted by the UVM Cancer Center	Panelist

*PitchFest* philanthropic event hosted by the  
University of Vermont Cancer Center

Invited Speaker

GOVERNMENT

2015-2016	Vermont Tobacco Evaluation and Review Board	Member
2021-2023	A Statewide Evaluation of the Implementation of Medications for Opioid Use Disorder in Vermont Correctional Facilities and the Impact of COVID-19	Principal Investigator
2023	Vermont Department of Health Grand Rounds	Invited Speaker
2024	NIH Interventions to Prevent and Treat Addictions (IPTA) Study Section	NIH Grant Reviewer
2025	Vermont Department of Health Behavioral Health Meeting	Plenary Speaker

SOCIETY MEMBERSHIPS

2012- Present	College on Problems of Drug Dependence (CPDD)
2013-Present	Society for Research on Nicotine and Tobacco (SRNT)
2013-Present	American Psychological Association (APA)
2013-Present	American Psychological Association (APA) Division 28 – Psychopharmacology and Substance Abuse
2013-Present	American Psychological Association (APA) Division 50 – Society of Addiction Psychology

SERVICE TO PROFESSIONAL ORGANIZATIONS

2017	American Cancer Society: Great American Smokeout	Guest Speaker
2016-2019	Society for Research on Nicotine and Tobacco, Global Health Network Education Committee	Member
2017-2020	College on Problems of Drug Dependence, Membership Committee	Member
2020-2021	Society for Research on Nicotine and Tobacco, Treatment Research Network, Communications Committee	Member

2021	American Psychological Association, Division 28 meeting	Conference Abstract Reviewer
2021	Society for Research on Nicotine and Tobacco, Treatment Research Network Researcher Spotlight	Invited <u>Researcher Spotlight</u>
2022	Tobacco Centers of Regulatory Science Conference	Member, Planning Committee
2021-2023	NIH Tobacco Regulatory Science Meeting	Conference Abstract Reviewer
2021-2023	American Psychological Association,	Conference Abstract Reviewer
2021-2023	NIH Tobacco Regulatory Science Meeting	Conference Abstract Reviewer
2023	American Psychological Association	Conference Abstract Reviewer
2017-Present	Society for Research on Nicotine and Tobacco	Conference Abstract Reviewer
2021-Present	National Certification Commission for Addiction Professionals	Taskforce Member
2021-Present	Society for Research on Nicotine and Tobacco, Treatment Research Network, Communications Committee	Chair
2024-Present	Society for Research on Nicotine and Tobacco, Policy and Regulatory Science Network, Nicotine Reduction Standard Working Group	Member

#### SERVICE TO PROFESSIONAL PUBLICATIONS

2021-2022	<i>Nicotine &amp; Tobacco Research</i>	Guest Editor
2023-Present	<i>Preventive Medicine</i>	Editorial Board Member

**Ad Hoc Journal Reviewer for >15 journals, including:** *Addiction; Addictive Behaviors; Annals of Medicine; Drug and Alcohol Dependence; International Journal of Environmental Research and Public Health; JAMA Network Open; Journal of Behavioral Medicine; Journal of Comparative Effectiveness Research; Journal of Consulting and Clinical Psychology; Journal of Substance Abuse Treatment; Nicotine & Tobacco Research; Patient Education and Counseling; Preventive Medicine; Preventive Medicine Reports; Psychology of Addictive Behaviors; Substance Abuse Treatment, Prevention, and Policy; Tobacco Prevention & Cessation*

PUBLIC SERVICE

2016-2020	Vermont Correctional Addiction Treatment Program	Co-Founder, Supervisor, and Clinician
2017	American Cancer Society: Great American Smokeout	Guest Speaker
2017	Vermont Science, Technology, Engineering, & Math Fair	Judge
2019-2020	Chittenden County Opioid Alliance: CommunityStat Rapid Intervention Action Team	Member
2019-2022	Vermont Psychological Services	Outpatient Clinician
2023	Vermont Tobacco Cessation Learning Series	Expert Panelist
2024	Northwestern University Internship: Examination for Professional Practice in Psychology	Expert Panelist

SUMMARY OF SERVICE ACTIVITIES

I have been dedicated to the service of public health at the local and national levels for the past decade. I serve as Associate Director of the Vermont Center on Behavior and Health (VCBH), which is an NIH-funded center housed within the UVM Department of Psychiatry that includes over faculty as well as numerous trainees and staff. In addition, as a Co-Director of the Education and Outreach Core within the UVM Center on Rural Addiction, I lead a team of faculty and staff to serve providers and patients in rural communities throughout New England. I serve on the Editorial Board for *Preventive Medicine*, I served as a Guest Editor for *Nicotine & Tobacco Research*, and I continue to contribute as an ad hoc reviewer to multiple peer reviewed journals. Additionally, I serve in a leadership role within multiple national scientific societies including the Society for Research on Nicotine and Tobacco (SRNT), where I served as chair of the Treatment Research Network Communications subcommittee for >5 years and currently serve on the Network Advisory Committee and a Tobacco Regulatory Science Working Group. Additionally, I recently served as an invited member of the National Associations for Alcoholism and Drug Abuse Counselors (NAADAC) Nicotine Dependence Specialist Task Force, a panel of national experts who were selected to establish an accreditation standard for tobacco treatment providers. With regard to local service, I co-founded the Vermont Correctional Addiction Treatment Program, which provides behavioral treatment for incarcerated individuals in two correctional facilities and training opportunities for graduate students at the University of Vermont. I have served as a clinician and a supervisor of graduate student clinicians, and helped to secure funding to establish and maintain the program. More recently, I completed a state-wide evaluation of the treatment of opioid use disorder in Vermont correctional facilities for the Vermont legislature. Findings from this evaluation were delivered to the Vermont Senate, presented at multiple national scientific conferences, and published in a peer-reviewed journal.

**TEACHING****FORMAL SCHEDULED CLASSES**

Year	Course Title	Course		Hours	Number of Learners	Learner Level
		R	E			
2013	The Clinical Psychology PhD Application Process, Psychological Science 250: Introduction to Clinical Psychology, University of Vermont College of Arts and Sciences		x	1	~20	U
2014	Substance Use Disorders, Psychological Science 152: Abnormal Psychology, University of Vermont College of Arts and Sciences	x		1	~25	U
2014	Overview of Substance Use Disorders and Treatments, Psychological Science 001: General Psychology, University of Vermont College of Arts and Sciences	x		1	~100	U
2014	Nicotine, Cannabis, and Opioid Use Disorders, Psychological Science 152: Abnormal Psychology, University of Vermont College of Arts and Sciences	x		1	~25	U
2015	Designing and Conducting Randomized Controlled Trials, Psychology SSC350: Research Methods in the Social Sciences Guest Lecture, Burlington College	x		1	~35	U
2015	Behavioral Treatments for Substance Abuse and Co-occurring PTSD, Psychological Science 374: Psychological Intervention, University of Vermont Graduate College	x		1.5	12	G
2016	Principles of Acceptance & Commitment Therapy, PGY1/PGY2: Topics in Psychotherapy Guest Lecture, University of Vermont Larner College of Medicine		x	1	~15	G
2016	Cigarettes: Interventions to Increase Quitting, Psychological Science 152: Abnormal Psychology, University of Vermont College of Arts and Sciences	x		1	~25	U
2016	Research Methodology, Psychological Sciences 053OL 1 & 2, University of Vermont College of Arts and Sciences	x		~30	14	U

2017	Introduction to Counseling, Behavioral Sciences PSY-415-J01, Johnson State College		x	~30	17	U
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R-required; E-elective; Hours-approx.; G-graduate students; U-Undergraduate students

### CURRICULUM DEVELOPMENT

2017	Introduction to Counseling, Behavioral Sciences PSY-415-J01, Johnson State College
2024	Vermont Biomedical Research Network (VBRN) Undergraduate Student Summer Research Program for Underrepresented Groups
2024	Harm Reduction Toolkit for Rural Medical Providers with Patients Who Use Opioids, Center on Rural Addiction, University of Vermont

### POSTGRADUATE AND OTHER COURSES

2021	Tobacco Treatment for People Not Ready to Quit, Vermont Psychological Association, Continuing Education Virtual Workshop
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### PREDOCTORAL STUDENTS SUPERVISED OR MENTORED

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Role</b>	<b>Outcomes</b>
2022	Shannon O'Connor	Research Assistant, Vermont Center on Behavior and Health	Supervisor	Masters in Complex Systems and Data Science at UVM
2022-2024	Katya Marsh	Research Assistant, Vermont Center on Behavior and Health	Supervisor	Masters in Counseling at UVM
2021-Present	Marc Feinstein	Doctoral Student, Psychological Science, University of Vermont	Mentor, M.A. Advisor, Ph.D. Advisor	Current mentee
2024-Present	Emily Booth	Research Assistant, Vermont Center on Behavior and Health	Supervisor	MPH student at UVM and presented findings at a national conference
2024	Peace Ogadi	Summer Intern, Vermont Biomedical Research Network (VBRN) Undergraduate Student Summer Research Program for Underrepresented Groups	Science Mentor	Successfully completed VBRN summer internship

2024- 2025	Lucia Berglund	Summer Intern, Psychological Science, University of Vermont	Science Mentor	Conducted a research project and presented findings at a national conference
2025	Madeline Gillespie	Undergraduate Student, Independent Study in Health and Society Program, University of Vermont	Independent Study Professor	Graduated with a Bachelor of Arts
2025- Present	Savan Goli	Medical Student, Larner College of Medicine, University of Vermont	Research Supervisor	Medical student at UVM, presented findings at a national conference
2026- Present	Juliet Rapaport	Undergraduate Student, Independent Study in Psychological Science, University of Vermont	Independent Study Professor	Undergraduate student at UVM
2026- Present	Camden Abair	Undergraduate Intern, Biology, University of Vermont	Science Mentor	Undergraduate student at UVM

### DISSERTATION/THESIS COMMITTEE MEMBERSHIP

#### **Dissertation Committees**

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Role</b>	<b>Outcomes</b>
2020- 2022	Ashley Dobbins	Psychological Science, University of Vermont	Ph.D. Committee Member	Licensed Clinical Psychologist and Postdoctoral Fellow, Mindwell
2022	Nandita Krishnan	Prevention and Community Health, Milken Institute School of Public Health, The George Washington University	Ph.D. Committee Member	Postdoctoral Scholar at Stanford University; Dissertation resulted in two peer-reviewed publications.
2024	Thomas Geist	Psychological Science, University of Vermont	Ph.D. Committee Member	Psychology Resident at Denver Health; Dissertation resulted in two peer-reviewed publications.

2023-2024	Rhiannon Wiley	Psychological Science, University of Vermont	Ph.D. Committee Member	Completed Clinical Internship at Rutgers University and accepted for post doctoral fellowship at UVM
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**Masters Committees**

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Role</b>	<b>Outcomes</b>
2020	Julia West	Psychological Science, University of Vermont	M.A. Committee Member	Clinical Psychology Ph.D. candidate at UVM; Masters resulted in one peer-reviewed publication
2021	Thomas Geist	Psychological Science, University of Vermont	M.A. Committee Member	Graduated with a Ph.D. in clinical psychology from UVM; Masters resulted in one peer-reviewed publication
2022	Carolyn Every	Psychological Science, University of Vermont	M.A. Committee Member	Left graduate school to pursue a different career
2023	Sherry Xu	Department of Pathology and Laboratory Medicine, University of Vermont	M.A. Committee Chair	Graduated from UVM with a Masters of Science in Pathology
2023	Marc Feinstein	Psychological Science, University of Vermont	M.A. Committee, Primary Mentor	Clinical Psychology Ph.D. candidate at UVM; Masters resulted in one manuscript, currently in preparation

**POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED**

<b>Dates</b>	<b>Name</b>	<b>Program</b>	<b>Role</b>	<b>Outcomes</b>
2025-Present	Rhiannon Wiley, PhD	NIDA T32 Postdoctoral Fellow, University of Vermont	Primary mentor	Fellowship ongoing

**INFORMAL TEACHING**

- 2015-2017 Vermont Psychological Services: I provided weekly clinical training and supervision for one clinical psychology doctoral student at the University of Vermont.
- 2019-2020 Vermont Correctional Addiction Treatment Program: I provided training for pre-doctoral clinicians who were providing behavioral treatment to patients in two correctional facilities.
- 2020-Present Vermont Center on Behavior and Health (VCBH) Trainee Seminar: As a faculty member and mentor within the VCBH I attend weekly Trainee Seminars to facilitate discussion and training related to behavioral research.
- 2021-2025 UVM Tobacco Center of Regulatory Science Rapid Response Core: I supervised 10 pilot studies and provided guidance for the pre- and post-doctoral trainees leading the studies.

FACULTY MENTORED

N/A

OTHER VISITING FACULTY SUPERVISED

N/A

TEACHING AIDS

- 2010 Teaching Assistant, Introduction to Statistics, Department of Psychology, Lewis & Clark College, Portland, OR
- 2011 Teaching Assistant, Research Methodology, Department of Psychology, Lewis & Clark College, Portland, OR
- 2011 Teaching Assistant, Social Psychology, Department of Psychology, Lewis & Clark College, Portland, OR
- 2023-Present Coordinator of Vermont Center on Behavior and Health (VCBH) Lecture Series. I collaborate with VCBH faculty and staff to coordinate a monthly lecture series with top researchers in the fields of behavior change, addiction, chronic disease, and health disparities for vulnerable populations.
- 2023-Present Co-director of the Education and Outreach Core within the Center on Rural Addiction, University of Vermont. I lead a team of faculty and staff in disseminating evidence based practices and training materials to rural clinicians. Specifically, we produce monthly community rounds workshop series, quarterly newsletters, resource guides, research spotlights, user guides, and in-person or virtual presentations to community partners and rural organizations.

## TEACHING AWARDS AND NOMINATIONS

In 2018 I was granted the University of Vermont Graduate Teaching Program Certificate, which is provided to graduate students and faculty who are admitted to and complete UVM's competitive pedagogy training program.

## SUMMARY OF TEACHING ACTIVITIES

The bulk of my recent teaching activities have focused on research mentorship. I have completed mentorship training consistent with the Center for the Improvement of Mentored Experience in Research (CIMER) standards, per NIH requirements for mentored grant applications. I am the primary mentor for a University of Vermont Clinical Psychology doctoral student and a NIDA T32-funded post-doctoral fellow. In my role as Core Leader of the UVM Tobacco Center of Regulatory Science Rapid Response Projects, I worked regularly with pre- and post-doctoral trainees within our center to support them in conducting pilot research projects. Further, I take pride in providing mentorship to research assistants in my lab who are pursuing graduate school and have mentored multiple undergraduate research assistants who have been accepted in or completed graduate training programs. I have also developed curricula and provided scientific mentorship for undergraduate students through the Vermont Biomedical Research Network (VBRN) internship program for students from underrepresented groups and the University of Vermont Department of Psychological Sciences. In addition to mentorship, I lead an Education and Outreach Core within the UVM Center on Rural Addiction (CORA) which develops resources and provides training in evidence based treatment of addictions to rural clinicians across the United States, including a monthly community rounds series, treatment resources, user guides, and other material. Similarly, in my leadership role within the Vermont Center on Behavior and Health (VCBH), I coordinate and organize a monthly lecture series with national and international experts in behavioral health, which provides continuing medical education to providers and researchers within the University of Vermont College of Medicine.

## RESEARCH AND SCHOLARLY ACTIVITIES

### RESEARCH AWARDS AND GRANTS

#### **Ongoing Research Support**

R01DA059562	Klemperer (PI)	01/24 – 12/28
<b>A Randomized Controlled Trial of Reduced Nicotine Cigarettes and E-cigarettes Among Dual Users</b>		
The goal of this multi-site trial is to use a double-blind 2x2 between-subjects factorial design to examine how limits on cigarette and e-cigarette nicotine content affect cigarette smoking among adult dual users.		
Role:	PI	
Total Award	\$3,902,335	
Amount:		
Funding Source:	NIH/National Institute of Drug Abuse (NIDA) and the Food and Drug Administration (FDA)	
R01DA061566	Carpenter & Klemperer (MPIs)	07/24 – 04/29



This pilot trial assesses the feasibility and preliminary effectiveness of contingency management to improve attendance to medication for opioid use disorder (MOUD) appointments during the 30 days following discharge from the emergency department.

Role: Pilot Project MPI  
 Total Award: \$50,000  
 Funding Source: NIH/National Institute of General Medical Science (NIGMS)  
 Center of Biomedical Research Excellence (COBRE)

UD9RH33633 Sigmon (Center PI)/ Klemperer 01/20-08/28  
 (Core Co-Director: Education and Outreach)

**University of Vermont Center on Rural Addiction/Rural Center of Excellence on SUD Treatment**

The goal of this project is to develop the University of Vermont Center on Rural Addiction to identify, translate, disseminate and implement science-based practices to address the rural OUD epidemic, as well as future substance use disorder (SUD) epidemics as they emerge.

Role: Core Co-Director: Education and Outreach  
 Total Award: \$17,032,580  
 Funding Source: Health Resources and Services Administration (HRSA)

R01DA057308 Peck (PI)/Klemperer (Co-I) 07/2023-06/2028

**Novel Telemedicine-Delivered Prolonged Exposure Therapy for Treating PTSD in Individuals with OUD**

The goal of this project is to rigorously evaluate the efficacy of a novel telemedicine-delivered prolonged exposure (PE) therapy protocol for improving PE attendance and reducing posttraumatic stress disorder symptom severity in individuals with concurrent opioid use disorder.

Role: Co-Investigator  
 Total Award: \$3,827,469  
 Funding Source: NIH/National Institute of Drug Abuse (NIDA)

T32DA07242 Higgins (PI)/Klemperer (Co-I) 07/2021-06/2026

**Behavioral Pharmacology of Human Drug Use Disorders**

This program trains human behavioral pharmacologists to empirically examine behavioral and pharmacological factors contributing to drug use, the consequences of drug use, and how that basic understanding translates to novel treatments for drug dependence. Moreover, this training program aims to train qualified individuals to be successful independent researchers in the human behavioral pharmacology of drug dependence.

Role: Co-Investigator and Mentoring Faculty  
 Total Award: \$1,842,535  
 Funding Source: NIH/National Institute of Drug Abuse (NIDA)

**Completed Research Support**


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U54DA036114	Higgins (Center PI)/ Klemperer (Project Co-PI)	01/20-08/25
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**University of Vermont Tobacco Center of Regulatory Science**

This center conducts multiple large multisite randomized controlled trials to test the impact of reduced nicotine content cigarettes in vulnerable populations.

Role: Project Co-PI

Total Award: \$19,381,385

Funding Source: NIH/National Institute of Drug Abuse (NIDA) and the Food and Drug Administration (FDA)

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1U2CDA050097	Taxman and Rudes (Center MPI)/Klemperer (Project PI)	3/24-9/24
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**Technology Assisted Buprenorphine Plus Contingency Management to Improve Continuation of Medication for Opioid Use Disorder After Release From Incarceration: A Pilot Randomized Clinical Trial**

The aim of this pilot study is to assess the feasibility of conducting a randomized clinical trial of technology assisted buprenorphine with contingency management to improve continuation of medication for opioid use disorder after release from incarceration in rural communities in Vermont.

Role: Project PI

Total Award: \$13,652

Funding Source: NIH HEAL Justice Community Opioid Innovation Network (JCOIN) Supplemental funding

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5P20GM103644-07	Higgins (Center PI)/ Klemperer (Project PI)	08/20-01/24
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**A Randomized Controlled Trial of Smoking Cessation Treatment for Young Adult Dual Users of Combustible and Electronic Cigarettes**

The goal of this randomized clinical trial is to test two versions of a nicotine replacement therapy-aided smoking cessation intervention for young adults who use both electronic cigarettes and combustible cigarettes.

Role: Project PI

Total Award: \$11,312,337

Funding Source: NIH/National Institute of General Medical Science (NIGMS) Center of Biomedical Research Excellence (COBRE)

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1U2CDA050097	Taxman and Rudes (Center MPI)/Klemperer (Project PI)	02/21-11/23
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**A Statewide Evaluation of the Implementation of Medications for Opioid Use Disorder in Vermont Correctional Facilities and the Impact of COVID-19**

The goal of this project is to evaluate the implementation and effectiveness of medication for opioid use disorder in Vermont's correctional facilities and the impact of the ongoing COVID-19 pandemic.

Role: Project PI

Total Award: \$106,673

Funding Source: NIH HEAL Justice Community Opioid Innovation Network (JCOIN) Rapid Innovation Grant

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5P20GM103449-21 Francklyn (Center PI)/ Klemperer 06/22-05/23  
(Project Co-I)

**Vermont Biomedical Research Network Administrative Supplement: Emotional and Motivational Aftermath of Electronic Nicotine Delivery Systems (ENDS) Exposure**

The goal of this study is to examine how nicotine alters brain-reward sensitivity by examining whether acute exposure to e-cigarettes increases reward-sensitivity among young adults who do not regularly use e-cigarettes.

Role: Project Co-I  
 Total Award: \$190,184  
 Funding Source: NIH/National Institute of General Medical Sciences (NIGMS)  
 IDeA Networks of Biomedical Research Excellence

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UD9RH33633-01-00 Sigmon (Center PI)/Klemperer 02/22-01/23  
(Project PI)

**A Qualitative Assessment of Access and Barriers to Medications for Opioid Use Disorder Among Incarcerated People from Rural Versus Non-rural Vermont Communities**

The overarching goal is to qualitatively assess Vermont Department of Corrections residents' experience with medication for opioid use disorder (MOUD) while incarcerated, and how this differs between individuals from rural versus non-rural communities prior to incarceration.

Role: Project PI  
 Total Award: \$47,111  
 Funding Source: Health Resources and Services Administration (HRSA)  
 Center on Rural Addiction (CORA)

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U54 DA036114 Higgins (Center PI)/Klemperer 09/20 - 08/21  
(Project PI)

**Electronic Nicotine Delivery Systems' Influence on Combustible Cigarette Smoking and Demand: A Randomized Controlled Trial**

The goal of this randomized controlled trial was to assess the impact of switching to reduced nicotine content e-cigarettes or reducing the number of e-cigarettes used per week on cigarette smoking among dual users.

Role: Project PI  
 Total Award: \$96,975  
 Funding Source: NIH/National Institute of Drug Abuse (NIDA) and the Food and Drug Administration (FDA) Tobacco Center of Regulatory Science (TCORS) Rapid Response Project

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U54 DA036114 Higgins (Center PI)/Klemperer 02/16 - 02/18  
(Project PI)

**A Randomized Trial to Compare Switching to Very Low Nicotine Content Cigarettes Versus Reducing Cigarettes Per Day**

The goal of this randomized trial was to compare reducing nicotine by switching to very low nicotine content cigarettes vs reducing the number of cigarettes smoked per day on changes in nicotine dependence.

Role: Project PI  
 Total Award: \$108,000

Funding Source: NIH/National Institute of Drug Abuse (NIDA) and the Food and Drug Administration (FDA) Tobacco Center of Regulatory Science (TCORS) Developmental Project

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## SCHOLARSHIP

### **Publications in Peer Reviewed Journals**

*\*Indicates trainee status*

1. Nilsen, E., LeDonne, R., **Klemperer, E.**, Olund, S., (2011). Conflict resolution with a serious game for peace. In *Proceedings of the 7<sup>th</sup> international conferences on Games + Learning + Society Conference* (pp. 175-184). ETC press.
2. **Klemperer, E.**, & Nilsen, E. (2011) Promoting human rights when polarizing political perceptions with a serious game. In *Proceedings of the 7<sup>th</sup> international conferences on Games + Learning + Society Conference* (pp. 161-167). ETC press.
3. **Klemperer, E. M.** & Hughes, J. R. (2015) Does the magnitude of reduction in cigarettes per day predict smoking cessation? A qualitative review. *Nicotine & Tobacco Research*, 18(1), 88-92. doi: 10.1093/ntr/ntv058.
4. Kurti, A. N., **Klemperer, E. M.**, Zvorsky, I., Redner, R., Priest, J. S., & Higgins, S. T. (2016). Some context for understanding the place of the general educational development degree in the relationship between educational attainment and smoking prevalence. *Preventive Medicine*, 92, 141-147. doi: 10.1016/j.ypmed.2016.02.026.
5. Hughes, J. R. & **Klemperer, E. M.** (2016). Gradual versus abrupt smoking cessation. *Annals of Internal Medicine*, 165(10) 741. doi: 10.7326/L16-0402.
6. **Klemperer, E. M.** & Hughes, J. R. (2016). After precessation nicotine replacement therapy, abrupt cessation increases abstinence more than gradual cessation in smokers ready to quit. *Evidence-Based Medicine*, 21(5), 174. doi: 10.1136/ebmed-2016-110489.
7. **Klemperer, E. M.**, Fagerstrom, K. O., Hughes, J. R. (2016). Abrupt versus gradual smoking cessation with pre-cessation nicotine replacement therapy for cigarette smokers motivated to quit. *Annals of Translational Medicine*, 4(9), 384. doi: 10.21037/atm.2016.08.16.
8. **Klemperer, E. M.** & Hughes, J. R. (2017). Do very brief reduction interventions increase quitting among smokers not ready to quit? *Addiction*, 112(11), 2041-2041. doi: 10.1111/add.13970.
9. **Klemperer, E. M.**, Hughes, J. R., Solomon, L. J., Callas, P.W., & Fingar, J. R. (2017). Motivational and reduction interventions for smokers who are not ready

- to quit: A randomized controlled trial. *Addiction*, 112(1) 146-155. doi: 10.1111/add.13594.
10. **Klemperer, E. M.**, Hughes, J. R., Callas, P.W., & Solomon, L. J. (2017) Working alliance and empathy as mediators of brief telephone counseling for cigarette smokers who are not ready to quit. *Psychology of Addictive Behaviors*, 31(1), 130-135. doi: 10.1037/adb0000243.
  11. **Klemperer, E. M.**, Hughes, J. R., Callas, P.W., & Solomon, L. J. (2017). A mediation analysis of motivational, reduction, and usual care interventions for smokers who are not ready to quit. *Nicotine & Tobacco Research*, 19(8), 916-921. doi: 10.1093/ntr/ntx025.
  12. **Klemperer, E. M.**, Hughes, J. R., & Naud, S. (2018). Study characteristics influence the efficacy of substance abuse treatments: A meta-analysis of medications for alcohol use disorders. *Drug and Alcohol Dependence*. doi: 10.1016/j.drugalcdep.2018.06.015. PMID: 30059816.
  13. **Klemperer, E. M.**, Hughes, J. R., & Naud, S. (2019). Reduction in cigarettes per day prospectively predicts making a quit attempt: A fine-grained secondary analysis of a natural history study. *Nicotine & Tobacco Research*, 1, 1-7. doi: 10.1093/ntr/nty056.
  14. **Klemperer, E. M.**, Hughes, J. R., & Naud, S. (2019). Distal measurements can produce false negatives: A prospective secondary analysis of a natural history study. *Nicotine & Tobacco Research*, 1–4 doi:10.1093/ntr/nty110.
  15. **Klemperer, E. M.** & Kapoor, R. (2019). Deliberate indifference to prisoners' psychiatric needs. *Journal of the American Academy of Psychiatry and the Law*, 47, 115-117. doi: 10.29158/JAAPL.3823L8-19.
  16. Streck, J. M., Hughes, J. R., **Klemperer, E. M.**, Howard, A. B., & Budney A. J. (2019). Modes of cannabis use: A secondary analysis of an intensive longitudinal natural history study. *Addictive Behaviors*. doi: 10.1016/j.addbeh.2019.106033
  17. Lindson N, **Klemperer E**, Hong B, Ordóñez-Mena JM, Aveyard P. Smoking reduction interventions for smoking cessation. *Cochrane Database of Systematic Reviews* 2019, Issue 9. Art. No.: CD013183. doi: 10.1002/14651858.CD013183.pub2.
  18. **Klemperer, E. M.** & Lindson, N. (2019). Neither NRT aided gradual cessation nor abrupt cessation is superior in producing long term abstinence: Reconciling conflicting results from two recent meta-analyses. *Tobacco Induced Diseases*. doi: 10.18332/tid/113378
  19. **Klemperer, E. M.**, Hughes, J. R., Callas, P. W., Benner, J. A., & Morley, N. E. (2019). Effectiveness of switching to very low nicotine content cigarettes plus nicotine patch versus reducing daily cigarette consumption plus nicotine patch to decrease dependence: An exploratory randomized trial. *Addiction*. doi: 10.1111/add.14666

20. **Klemperer, E. M.**, Hughes, J. R., & Callas, P. W. (2019). Increasing quit attempts by transitioning to very low nicotine content cigarettes versus reducing number of cigarettes per day: A secondary analysis of a randomized trial. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntz145.
21. Lindson, N., **Klemperer, E. M.**, & Aveyard, P. (2019). Is there a place for cutting-down-to-stop in smoking cessation support? *Addiction*. doi: 10.1111/add.14928
22. Hughes, J. R., **Klemperer, E. M.**, & Peasley-Miklus, K. (2020). Possible new symptoms of tobacco withdrawal II: Anhedonia - a systematic review. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/nty171. PMID30726957. PMC7297016.
23. **Klemperer, E. M.**, Hughes, J. R., Cook, J. W., Peasley-Miklus, K., Streck, J. M., Callas, P. W., & Morley, N. E. (2020). Possible new symptoms of tobacco withdrawal III: Reduced positive affect – a review and meta-analysis. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntaa044. PMID32188995. PMC7822099.
24. Villanti, A., West, J. C., **Klemperer, E. M.**, Graham, A.L., Mays, D., Mermelstein, R., & Higgins, S. T. (2020). Smoking cessation interventions for U.S. young adults: New evidence from a systematic review. *American Journal of Preventive Medicine*, 59(1):123-136. doi: 10.1016/j.amepre.2020.01.021. PMID2418800. PMC7453837.
25. **Klemperer, E. M.**, Mermelstein, R., Baker, T. B., Hughes, J. R., Fiore, M. C., Piper, M. E., Schlam, T. R., Jorenby, D. E., Collins, L. M., & Cook, J. W. (2020). Predictors of smoking cessation attempts and success following motivation-phase interventions among people initially unwilling to quit smoking. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntaa051. PMID32236417. PMC7443596.
26. Nighbor, T. D., **Klemperer, E. M.**, Hughes, J. R., Reed, E. N., Simone, S., & West, J. C. (2020). Both reducing cigarettes per day and transitioning to very low nicotine content cigarettes decrease demand for usual-brand cigarettes. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000403. PMID32658536.
27. **Klemperer, E. M.**, West, J. C., Peasley-Miklus, C., & Villanti, A. C. (2020). Change in tobacco and electronic cigarette use and motivation to quit in response to COVID-19. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntaa072. PMID32343816. PMC7197523.  
**Note: This paper was highlighted in Nicotine & Tobacco Research's 2021 Highly Cited collection: <https://academic.oup.com/ntr/pages/highly-cited>**
28. Villanti, A. C., Vallencourt, C. P., West, J. C., Peasley-Miklus, C., LePine, S., McClusky, C., **Klemperer, E. M.**, Logan, A., Patton, B., Erickson, N., Hicks, J., Horton, K., Livingston, S., Roehmildt, M., Singer, E., Trutor, M., & Williams, R. (2020). Recruiting and retaining youth and young adults in online longitudinal research: Lessons from a randomized trial of participant compensation in the PACE Vermont Study. *Journal of Medical Internet Research*. doi: 10.2196/18446. PMID32706681. PMC7399955.
29. **Klemperer, E. M.**, Hughes, J. R., & Naud, S. (2021). Study characteristics influence the efficacy of substance abuse treatments: A meta-analysis of

- medications for smoking cessation. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/nty225. PMID30380134. PMC7297102.
30. Higgins, S. T., **Klemperer, E. M.**, & Coleman, S. R. M. (2021). Looking to the empirical literature on the potential for financial incentives to enhance adherence with COVID-19 vaccination. *Preventive Medicine*. doi: 10.1016/j.ypmed.2021.106421. PMID33422575. PMC7792521.
  31. **Klemperer, E. M.** & Villanti, A. C. (2021). Why and how do dual users quit vaping? Survey findings from adults who use electronic and combustible cigarettes. *Tobacco Induced Diseases*. doi: 10.18332/tid/132547. PMID33603595. PMC7885258.
  32. **Klemperer, E. M.**, Hughes, J. R., Callas, P.W., West, J. C., & Villanti A. C. (2021). Tobacco and nicotine use among US adult “never smokers” in Wave 4 (2016-2018) of the Population Assessment of Tobacco and Health Study. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntab009. PMID: 33433608. PMCID: PMC8186421.
  33. \*Bolivar, H. A., **Klemperer, E. M.**, Coleman, S. R. M., DeSarno, M., Skelly, J., & Higgins, S. T. (2021). Contingency management with patients receiving medication for opioid use disorder: A systematic review and meta-analysis. *JAMA Psychiatry*. doi: 10.1001/jamapsychiatry.2021.1969. PMID34347030. PMC8340014.
  34. Villanti, A. C., **Klemperer, E. M.**, Sprague, B. L., & Ahern, T. P. (2021). State-level rurality and cigarette smoking-associated cancer incidence and mortality: Do individual-level trends translate to population-level outcomes? *Preventive Medicine*. doi: 10.1016/j.ypmed.2021.106759. PMID34358592. PMC8545854.
  35. Coleman, S. R. M., \*Oliver, A. C., DeSarno, M., **Klemperer, E. M.**, Atwood, G., Higgins, S. T. (2022). Delay discounting and narcissism: A meta-analysis with implications for narcissistic personality disorder. *Personality Disorders: Theory, Research, and Treatment*. doi: 10.1037/per0000528. PMID34990195. PMC9064993.
  36. \*West, J. C., Peasley-Miklus, C., **Klemperer, E. M.**, Priest, J. S., Trutor, M., Carman, C., Roemhildt, M., Trites, J., & Villanti A. C. (2022). Knowledge of state marijuana policy as a measure of exposure: Implications for future policy evaluation. *Cannabis*. doi: 10.26828/cannabis/2022.03.002. PMID37287934. PMC10212258.
  37. **Klemperer, E. M.**, Streck, J. M., Lindson, N., West, J. C., Su, A., Hughes, J. R., & Carpenter, M. J. (2022). A systematic review and meta-analysis of interventions to induce attempts to quit tobacco among adults not ready to quit. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000583. PMID35771496. PMC10106992.
  38. \*Krishnan, N., Berg, C. J., Elmi, A. F., **Klemperer, E. M.**, Sherman, S. E., & Abrams, L. C. (2022). Predictors of electronic nicotine product quit attempts and cessation: Analysis of waves 3 and 4 of the PATH Study. *Addictive Behaviors*. doi: 10.1016/j.addbeh.2022.107419. PMID35810644.

39. \*LePine, S. E., **Klemperer, E. M.**, \*West, J. C., Peasley-Miklus, C., McCluskey, C., Jones, A., Roemhildt, M., Trutor, M., Williams, R., & Villanti, A. C. (2022). Exploring definitions of “addiction” in adolescents and young adults and correlation with substance use behaviors. *International Journal of Environmental Research and Public Health*. doi: 10.3390/ijerph19138075. PMID35805733. PMC9266281.
40. Peasley-Miklus, C., **Klemperer, E. M.**, Hughes, J. R., Villanti, A. C., Krishnan-Sarin, S., DeSarno, M. J., Mosca, L. A., Su, A., Cassidy, R. N., & \*Feinstein, M. P. (2022). The interactive effects of JUUL flavor and nicotine concentration on addiction potential. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000591. PMID36048114. PMC10010180.
41. **Klemperer, E. M.**, Luo, X., Jensen, J., al’Absi, M., Cinciripini, P. M., Robinson, J. D., Drobles, D. J., McClernon, J., Strasser, A. A., Strayer, L. G., Vandrey, R., Benowitz, N. L., Donny, E. C., & Hatsukami, D. K. (2022). Smoking abstinence and cessation-related outcomes one month after an immediate versus gradual reduction in nicotine content of cigarettes. *Preventive Medicine*. doi: 10.1016/j.ypmed.2022.107175. PMID35870575. PMC10676511.
42. Villanti, A. C., Peasley-Miklus, C., Cha, S., \*Schulz, J., **Klemperer, E. M.**, \*LePine, S. E., \*West, J. C., Mays, D., Mermelstein, R., Higgins, S. T., & Graham, A. L. (2022). Tailored text message web intervention for smoking cessation in U.S. socioeconomically-disadvantaged young adults: a randomized controlled trial. *Preventive Medicine*. doi: 10.1016/j.ypmed.2022.107209. PMID35995105. PMC10186588.
43. \*Erath, T. G., \*Browning, K. O., \*Evey, C., \*Feinstein, M. P., \*Wiley, R. C., **Klemperer, E. M.**, DeSarno, M., & Higgins, S. T. (2022). A review of research on cigarette smoking in Preventive Medicine in recognition of the journal’s 50<sup>th</sup> anniversary. *Preventive Medicine*. doi: 10.1016/j.ypmed.2022.107335. PMID36334681. PMC9742989.
44. \*Krishnan, K., Berg, C. J., Elmi, A. F., **Klemperer, E. M.**, Sherman, S. E., & Abrams, L. C. (2022). Trajectories of ENDS and cigarette use among dual users: Analysis of waves 1 to 5 of the PATH study. *Tobacco Control*. doi: 10.1136/tc-2022-057405. PMID36601793.
45. Barrington-Trimis, J. L., **Klemperer, E. M.**, Majmundar, A., & Harrell, M. (2023). The impact of the COVID-19 pandemic on nicotine use: what have we learned? *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntac265. PMID36478086. PMC10465091.
46. Palmer, A.M., Rojewski, A.M., Carpenter, M.J., **Klemperer, E.M.**, Baker, N.L., Sanford, B.T., & Toll, B.A. (2023). Interest in Quitting E-cigarette Use by Device Type and Smoking History in US Adults. *Tobacco Control*. doi: 10.1136/tc-2022-057710. PMID36650050. PMC10350465.
47. \*West, C. J., Burt, K. B., **Klemperer, E. M.**, Chen, H. L., & Villanti, A. C. (2023). Latent classes of perceived addictiveness predict marijuana, alcohol, and tobacco use in youth and young adults. *Substance Use and Misuse*. doi: 10.1080/10826084.2023.2167497. PMID36692093. PMC10227722.
48. **Klemperer, E. M.**, Bunn, J. Y., Palmer, A. M., Smith, T. T., Toll, B. A., Cummings, K. M., & Carpenter, M. J. (2023). E-cigarette cessation and transitions in combusted tobacco smoking status: Longitudinal findings from the

- US FDA PATH Study. *Addiction*. doi: 10.1111/add.16141. PMID36710461. PMC10175178.
49. Hajizadeh, A., Howes, S., Theodoulou, A., **Klemperer, E.**, Hartmann-Boyce, J., Livingstone-Banks, J., & Lindson, N. (2023) Antidepressants for smoking cessation. *Cochrane Database of Systematic Reviews*. doi: 10.1002/14651858.CD000031.pub6. PMID37230961. PMC10207863.
  50. **Klemperer, E. M.**, Wreschnig, L., Crocker, A., King-Mohr, J., Ramniceanu, A., Brooklyn, J., Peck, K. R., Rawson, R. A., & Evans, E. A. (2023). The impact of the implementation of medication for opioid use disorder and COVID-19 in a statewide correctional system on treatment engagement, post-release continuation of care, and overdose. *Journal of Substance Use and Addiction Treatment*. doi: 10.1016/j.josat.2023.209103. PMID37311520. PMC10257572.
  51. **Klemperer, E. M.**, Evans, E. A., & Rawson, R. A. (2023). A call to action: Contingency management to improve post-release treatment engagement among people with opioid use disorder who are incarcerated. *Preventive Medicine*. doi: 10.1016/j.ypmed.2023.107647. PMID37499918. PMC10808263.
  52. \*Falcón, A. K., \*Dobbins, A. E., **Klemperer, E. M.**, Stickle T., & Fondacaro, K. (2024). A graduate training protocol to provide evidence-based treatment for substance use and co-occurring disorders in rural correctional facilities: Process and lessons learned. *Training and Education in Professional Psychology*. doi: 10.1037/tep0000471.
  53. Higgins, S. T. & **Klemperer, E. M.** (2024). Comments on contingency management as an evidence supported treatment for substance use disorders using the Tolin Criteria. *Clinical Psychology: Science and Practice*. doi: <https://doi.org/10.1037/cps0000227>.
  54. Gaalema, D. E., Allencherril, J., Khadanga, S., & **Klemperer, E. M.** (2024). Differential effects of cigarette smoking on cardiovascular disease in females: a narrative review and call to action. *Preventive Medicine*. doi: 10.1016/j.ypmed.2024.108013. PMID38815766.
  55. Coleman, S. R. M., Bunn, J. Y., **Klemperer, E. M.**, \*Feinstein, M. J. P., Villanti, A. C., & Higgins, S. T. (2024). Electronic nicotine delivery systems (ENDS): Frequency of use and smoking cessation among US women of reproductive age. *Preventive Medicine*. doi: 10.1016/j.ypmed.2024.108020. PMID38821421. PMC11563916.
  56. **Klemperer, E. M.**, \*Kock, L., \*Feinstein, M. J. P., Coleman, S. R. M., Gaalema, D. E., & Higgins, S. T. (2024). Sex differences in tobacco use, attempts to quit smoking, and cessation among dual users of cigarettes and e-cigarettes: Longitudinal findings from the US Population Assessment of Tobacco and Health Study. *Preventive Medicine*. doi: 10.1016/j.ypmed.2024.108024. PMID38849056. PMC11269003.

57. Higgins, S. T., Sigmon, S. C., Tidey, J. W., Heil, S. H., Gaalema, D. E., Lee, D. C., DeSarno, M. J., **Klemperer, E. M.**, Menson, K. E., Cioe, P. A., Plucinski, S., \*Wiley, R. C., & \*Orr, E. (2024). Reduced nicotine content cigarettes and e-cigarettes among adults with psychiatric conditions or socioeconomic disadvantage: three randomized clinical trials. *JAMA Network Open*. doi: 10.1001/jamanetworkopen.2024.31731. PMID39240566. PMC11380105.
58. Schulz, J. A., Ganz, O., \*Rubenstein, D., \*West, J.C., & **Klemperer, E. M.** (2025). Single and multiple tobacco product use among people with disabilities: findings from the National Health Interview Survey, 2019-2022. *Addictive Behaviors*. May;164:108283. doi: 10.1016/j.addbeh.2025.108283. PMID39923385. PMC11878199.
59. Carpenter, M. J., Smith, T. T., Walters, K. J. Wahlquist, A. E., Koval, K. R., & **Klemperer, E. M.** (2025). Evaluation of dual use as it develops in real time: reductions in combustible cigarette smoking during co-occurring use of e-cigarettes. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntaf055. PMID40037836. PMC12370471
60. Carpenter, M. J. & **Klemperer, E. M.** (2025). Seeing the forest for the trees: A commentary on 'real-world' e-cigarette use and readiness to stop smoking among adults who smoke. *The American Journal of Drug and Alcohol Abuse*. doi: 10.1080/00952990.2025.2497798. PMID40311063.
61. **Klemperer, E. M.**, \*Feinstein, M. J. P., \*Marsh, K., Villanti, A. C., Carpenter, M. J., Skelly, J., DeSarno, M. J., & Higgins S. T. (2025). A factorial randomized clinical trial of nicotine replacement therapy and treatment recommendations to quit vs continue e-cigarettes when quitting smoking in young adult dual users. *Nicotine & Tobacco Research*. doi: 10.1093/ntr/ntaf119. PMID40448340. PMC12641168.
62. **Klemperer, E. M.**, DeSarno, M. J., Tidey, J. W., Gaalema, D. E., \*Nolder, K. A., \*Feinstein, M. J. P., \*Wiley, R. C., & Higgins, S. T. (2025). E-cigarette use frequency mediates effects in three randomized controlled trials of reduced nicotine cigarettes with tobacco vs preferred flavor e-cigarettes in high-risk populations in the U.S. *Preventive Medicine*. doi: 10.1016/j.ypmed.2025.108353. PMID40628358. PMC12291598.
63. \*Feinstein, M. P., Erath, T., Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & **Klemperer, E. M.** (2025). Investigating the substitutability of little cigars/cigarillos and e-cigarettes for cigarettes using the Experimental Tobacco Marketplace. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000797. PMID40920542.
64. \*Nolder, K. A., Gaalema, D. E., Katz, B. R., Tidey, J. W., Sigmon, S. C., Heil, S. H., Lee, D. C., DeSarno M., **Klemperer, E. M.**, Menson, K. E., Cioe, P. A., Plucinski, S., \*Wiley, R. C., & Higgins, S. T. (2025). Effects of very-low-nicotine-content cigarettes and concurrent provision of e-cigarettes on symptoms of

depression and anxiety. *Experimental and Clinical Psychopharmacology*. doi: 10.1037/pha0000803. PMID40965925. PMC12584977.

65. McDaniel, J. T., Redner, R., Coleman, S. R. M., **Klemperer, E. M.**, Chen, F. F., Bolívar, H. A., & Higgins, S. T. (2025). Cigarette smoking, nicotine dependence, and quit ratios among U.S. adult females by residence and military-veteran status: 2002-2023. *Preventive Medicine*. doi: 10.1016/j.ypmed.2025.108417. PMID41033470. PMC12509234.
66. Chen, F. F., **Klemperer, E. M.**, Erath, T. G., Leventhal, M. A. & Higgins, S. T. (2025). Age, cumulative psychosocial risk factors, and health disparities in U.S. adult cigarette smoking: 2002-2019. *BMC Medicine*. doi: 10.1186/s12916-025-04421-3. PMID41310668. PMC12661708.
67. \*Barrows, A., **Klemperer, E. M.**, Garavan, H., Allgaier, N., Lindson, N., & Taylor, G. (2025). Smoking reduction trajectories and their association with smoking cessation: A secondary analysis of longitudinal clinical trial data. *BMJ Public Health*. doi: 10.1136/bmjph-2024-001605. PMID41458239. PMC12742168.
68. **Klemperer, E. M.**, Luo, X., Cao, Q., Carroll, D. M., McClernon, F. J., Benowitz, N. L., Strasser, A. A., Tidey, J. W., Donny, E. C., & Hatsukami, D. K. (2026). Sustained effects of reduced nicotine cigarettes and co-use of non-combusted alternative nicotine delivery systems: a one-month follow-up to a randomized clinical trial. *Drug and Alcohol Dependence*. doi: 10.1016/j.drugalcdep.2026.113051. PMID41570485.
69. \*Betts, J. M., **Klemperer, E. M.**, Baker, T. B., Wei-Yin, L., Coleman, S. R. M., & Cook, J. W. (In press). Treating those not ready to quit smoking: doing harm while trying to help? *Addictive Behaviors*.
70. Livingstone-Banks J, Ma C, **Klemperer E**, Cassidy R, Jarman H, Hatsukami D, Lindson N, & Hartmann-Boyce J. (In press). Protocol for reduced nicotine cigarettes for smoking cessation and reduction. Cochrane Database of Systematic Reviews. Art. No.: CD016337.

### In Review

1. \*Koval, K. R., Smith, T. T., Wahlquist, A. E., **Klemperer, E. M.**, Cummings, K. M., & Carpenter, M. J. Moderators of the impact of e-cigarette provision on smoking cessation: secondary analyses from a large naturalistic randomized clinical trial in the US. *Manuscript under review*.
2. \*Nolder, K. A., Erath, T. G., DeSarno, M. J., **Klemperer, E. M.**, & Higgins, S. T. A further examination of the validity of assessing demand intensity using the cigarette purchase task. *Manuscript under revision*.

### **Non-Peer Reviewed Publications**

Review Articles

N/A

Books and Chapters

N/A

Other Scholarly Publications

- 1 **Klemperer, E. M.**, Wreschnig, L., Crocker, A., King-Mohr, J., Ramniceanu, A., Evans, E. A., & Rawson R. A. (2022). A statewide evaluation of the implementation and effectiveness of medications for opioid use disorder in Vermont correctional facilities and the impact of COVID-19. *Vermont House Committee on Corrections and Institutions and the Senate Committee on Institutions*.  
<https://legislature.vermont.gov/committee/detail/2022/28/Reports>
- 2 **Klemperer, E. M.** (2025). Treating dual use of cigarettes and e-cigarettes: a quick guide for clinicians. *National Center of Excellence for Tobacco-Free Recovery*.  
<https://recovertobaccofree.caiglobal.org/wp-content/uploads/2025/09/Treating-Dual-Use-of-Cigarettes-and-E-cigarettes-A-Quick-Guide-for-Clinicians-September-2025.pdf>

**Abstracts**Regional

- 1 Garvey, K. T., Andrich, L., **Klemperer, E. M.**, Gregg, J., Hudson, L., & Rieckmann, T. (2013, October). *The Vivitrol pilot program: Workforce attitudes regarding the implementation of extended-release naltrexone to treat opioid dependence*. Poster presented and abstract published at the 69<sup>th</sup> Oregon Public Health Association conference, Eugene, OR.
- 2 Schaubhut, G. J., **Klemperer, E. M.**, Hruska, B., Price, M., & Fondacaro, K. (2014, October). *Concurrent substance use and post-traumatic stress disorder: Treatment model and research*. Poster presented and abstract published at the New England Rural Health conference, Westford, MA.
- 3 \*Feinstein, M. P., \*Erath, T., Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & **Klemperer, E. M.** (2024, March). *Do women vs men differ in nicotine product substitution for cigarettes using the experimental tobacco marketplace?* Poster presented and abstract published at the University of Vermont Cancer Center Scientific Retreat, Burlington, VT.

National

- 1 Rieckmann, T., & **Klemperer, E. M.** (2012, October). *Network participation and adoption of medications in substance abuse treatment over time*. Poster presented

- and abstract published at the Addiction Health Services Research conference, New York, NY.
- 2 **Klemperer, E. M.**, Garvey K. T., Andrich, L., Gregg, J., Hudson, L., & Rieckmann, T. (2013, October). *Implementation of extended release naltrexone: Change in workforce knowledge and attitude regarding Vivitrol*. Poster presented and abstract published at the Addiction Health Services Research conference, Portland, OR.
  - 3 Rieckmann, T., Srikanth, P., Garvey, K.T., Andrich, L., **Klemperer, E. M.**, & Hudson, L. (2014, October). *The Vivitrol pilot program (VPP): Predicting patient success in an injectable naltrexone treatment program*. Poster presented and abstract published at the Addiction Health Services Research conference, Boston, MA.
  - 4 **Klemperer, E. M.**, & Hughes, J.R. (2014, October). *Does the magnitude of reduction in cigarettes per day predict smoking cessation? A literature review*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
  - 5 **Klemperer, E. M.**, Hughes, J. R., & Naud, S. J. (2015, October). *Change in reported effectiveness of medications for alcohol abuse*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
  - 6 **Klemperer, E. M.**, Hughes, J. R., & Callas, P. W. (2015, October). *Reducing nicotine by reducing cigarettes per day is associated with reduced dependence: A secondary data analysis*. Poster presented and abstract published at the National Institute of Health Tobacco Centers of Regulatory Science in-person meeting, Bethesda, MD.
  - 7 **Klemperer, E. M.**, Hughes, J. R., Callas, P.W., & Solomon, L. J. (2016, October). *A mediation analysis of motivational, reduction, and usual care interventions for smokers who are not ready to quit*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
  - 8 **Klemperer, E. M.** & Hughes, J. R. (2017, March). *A mediation analysis of brief interventions for smokers who are not ready to quit*. Poster presented and abstract published at the Collaborative Perspectives on Addiction conference, Albuquerque, NM.
  - 9 **Klemperer, E. M.**, Hughes, J. R., & Naud, S. (2017, October). *Reduction in cigarettes per day prospectively predicts making a quit attempt: A fine-grained secondary analysis of a natural history study*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
  - 10 **Klemperer, E. M.**, Verplaetse, T. L., & McKee, S. A. (2018, October). *Prevalence and description of natural recovery from opioid use disorder using the National Epidemiologic Survey on Alcohol and Related Conditions*. Poster presented and

abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.

- 11 **Klemperer, E. M.**, Verplaetse, T. L., & McKee, S. A (2019, April). *Who recovers from opioid use disorder without treatment? Findings from the National Epidemiologic Survey on Alcohol and Related Conditions*. Poster presented and abstract published at the Collaborative Perspectives on Addiction conference, Providence, RI.
- 12 **Klemperer, E. M.**, Baker, T. B., & Cook, J. W. (2019, October). *Predictors of quit attempts and success after motivation phase interventions among people not ready to quit smoking*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
- 13 Falcón, A., K., Dobbins, A. E., Geist, T., **Klemperer, E. M.**, & Fondacaro, K. (2020, March). *Vermont correctional addiction treatment program (VCAP): A novel approach to substance use treatment in corrections*. Poster presented and abstract published at the Association of Psychology Training Clinics conference, Albuquerque, NM.
- 14 \*West J. C., Peasley-Miklus C., **Klemperer E. M.**, Roemhildt M., Trites J., Trutor M., & Villanti A. C. (2020, October). *Knowledge of State Marijuana Policy as a Measure of Exposure to Changes in Legal Status*. Poster presented and abstract published at the Vermont Center on Behavior and Health virtual conference.
- 15 **Klemperer, E. M.**, Hughes, J. R., Callas, P. W., West, J. C., & Villanti, A. C. (2020, October). *Characterizing US adult electronic cigarette users who are never combustible tobacco smokers in Wave 4 (2016-2018) of the Population Assessment of Tobacco and Health Study*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
- 16 Peck, K., Pagan, D., **Klemperer, E. M.**, Badger, G., & Sigmon, S. (2020, November). *Prolonged exposure for treating PTSD among individuals receiving methadone or buprenorphine for opioid use disorder*. Poster presented and abstract published at the Association for Behavioral and Cognitive Therapies conference.
- 17 \*West, J. C., \*Pomichter, E., \*LePine, E., Ganz, O., **Klemperer, E. M.**, Mays, D., Mermelstein, R. J., & Villanti, A. C. (2021, October). *Harnessing mass media substance use prevention campaigns to inform polytobacco use prevention in US adolescents and young adults: a systematic review*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
- 18 \*LePine, E., **Klemperer, E. M.**, Peasley-Miklus, C., \*West, J. C., & Villanti, A. C. (2021, October). *Evaluating a smoking cessation text message intervention for socioeconomically-disadvantaged young adults: what is helpful and what can be improved?* Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.

- 19 **Klemperer, E. M.**, Ramniceanu, A., King-Mohr, J., Wreschnig, L., Rawson, R., & Evans, E. A. (2022, October). *Contingency management: An opportunity to improve treatment outcomes for incarcerated individuals receiving medication for opioid use disorder in Vermont*. Poster presented and abstract published at the Behavior Change, Health, and Health Disparities conference, Burlington, VT.
- 20 \*West, J. C., Pomichter, E., Ganz, O., **Klemperer, E. M.**, Mays, D., Mermelstein, R. J., & Villanti, A. C. (2022, October). *Testing polytobacco public education messages adapted from effective tobacco prevention mass media campaigns: Results from an online message testing trial*. Poster presented and abstract published at the Tobacco Centers of Regulatory Science (TCORS) virtual conference.
- 21 **Klemperer, E. M.**, Wreschnig, L., Crocker, A., King-Mohr, J., Ramniceanu, A., Evans, E. A., & Rawson, R. (2022, December). *The impact of COVID-19 and implementation of medication for opioid use disorder in a statewide correctional system on treatment engagement, post-release continuation of care, and overdose*. Poster presented and abstract published at the National IDeA Symposium of Biomedical Research Excellence (NISBRE) virtual conference.
- 22 \*Batchelder, S. R., Napoles, J., Peasley-Miklus, C., Shaw, J., **Klemperer, E. M.**, Peck, K. R., Heil, S., Sigmon, S. C., & Villanti, A. C. (2023, October) *Supporting smoking cessation among rural patients via Tobacco Toolkit provision to rural healthcare providers* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 23 \*Marsh, K., \*Feinstein, M. P., Skelly, J., & **Klemperer, E. M.** (2023, October). *Attempts to quit smoking and vaping among a treatment seeking sample of young adult women who dually use cigarettes and e-cigarettes*. Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 24 \*Feinstein, M. P., \*Erath, T., Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & **Klemperer, E. M.** (2023, October). *Do women vs men differ in nicotine product substitution for cigarettes using the experimental tobacco marketplace?* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 25 \*West, J. C., Ganz, O., **Klemperer, E. M.**, Mays, D., Mermelstein, R. J., & Villanti, A. C. (2023, October). *Who uses multiple tobacco products? Psychosocial characteristics unique to adolescent and young adult polytobacco users*. Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 26 \*Wiley, R. C., \*Middleton, W. A., \*O'Connor, S. D., Skelly, J., Sigmon, S., & **Klemperer, E. M.** (2023, October). *The association between sweet and cooling e-cigarettes and concurrent combusted cigarette abstinence in a prospective natural history study*. Poster presented and abstract published at the NIH Tobacco Regulatory Science Meeting, Washington, DC.

- 27 \*Berglund, L. C., \*Feinstein, M. P., \*Ogadi, P., \*O'Connor, S., & **Klemperer, E. M.** (2024, October). *Investigating reasons for first product use after waking among young adults who dually use cigarettes and e-cigarettes: A secondary analysis of baseline responses among participants in a randomized clinical trial.* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 28 \*Feinstein, M. P., \*Marsh, K., Higgins, S. T., & **Klemperer, E. M.** (2024, October). *A secondary analysis of smoking cessation treatment for young adults who dually use cigarettes and e-cigarettes: Investigating e-cigarette abstinence as a mediator of smoking cessation.* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 29 McDaniel, J. T., Coleman, S. R. M., **Klemperer, E. M.**, Redner, R., Chen, F., & Higgins, S. T. (2024, October). *Exploring the intersectionality of disparities in cigarette smoking among US adults by gender, rurality, and military status, 2013-2019.* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 30 \*Goli, S. K. & **Klemperer, E. M.** (2025, October). *Moderators of smoking cessation treatment for young adult dual users in a national randomized clinical trial.* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 31 \*Booth, E. L. & **Klemperer, E. M.** (2025, October). *Investigating the influence of remote screening procedures on participant enrollment in tobacco treatment research: an exploratory analysis of a randomized clinical trial.* Poster presented and abstract published at the Vermont Center on Behavior and Health conference, Burlington, VT.

### International

- 1 **Klemperer, E. M.**, Rieckmann, T., Vandersloot, D., & Garvey, K. (2013, June). *Organizational dynamics and the integration of technology in substance abuse treatment: A shift in workforce perception.* Poster presented and abstract published at the College on Problems of Drug Dependence conference, San Diego, CA.
- 2 Andrich, L., Garvey, K. T., **Klemperer, E. M.**, & Rieckmann, T. R. (2014, June). *Workforce attitude regarding the implementation of extended release naltrexone to treat opioid dependence.* Poster presented and abstract published at the College on Problems of Drug Dependence conference, San Juan, Puerto Rico.
- 3 **Klemperer, E. M.** & Hughes, J.R. (2015, February). *Does the efficacy of medications for treating tobacco use decrease over time?* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Philadelphia, PA.
- 4 **Klemperer, E. M.** & Hughes, J.R. (2015, February). *Does the magnitude of reduction in cigarettes per day predict smoking cessation? A qualitative review.*

- Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Philadelphia, PA.
- 5 **Klemperer, E. M.** & Hughes, J.R. (2015, June). *Treatment expectations for non-pharmacological interventions predict quit attempts and readiness to quit in smokers who were not ready to quit.* Poster presented and abstract published at the College on Problems on Drug Dependence conference, Phoenix, AZ.
  - 6 Kurti, A. N., **Klemperer, E. M.**, Zvorsky, I. A., Redner, R., Priest, J., & Higgins, S. (2016, June) *Some context for understanding the place of the GED in the relationship between educational attainment and smoking prevalence.* Poster presented and abstract published at the College on Problems on Drug Dependence conference, Palm Springs, CA.
  - 7 **Klemperer, E. M.** & Hughes, J. R. (2017, March). *Reducing nicotine levels increases obtainment of nicotine replacement therapy: A secondary analysis.* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Florence, Italy.
  - 8 **Klemperer, E. M.** & Hughes, J. R. (2017, March). *Greater magnitude and duration of reduction in cigarettes per day prospectively predict increased quit attempts: A secondary analysis of a natural history study.* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Florence, Italy.
  - 9 **Klemperer, E. M.**, Hughes, J. R. & Naud, S. (2018, February). *Distal measurements can produce false negative results: A secondary analysis of a natural history study.* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Baltimore, MD.
  - 10 West, J. C., Villanti, A., **Klemperer, E. M.**, Graham, A. L., Mays, D., Mermelstein, R., & Higgins, S. T. (2019, February). Smoking cessation interventions for U.S. young adults: New evidence from a systematic review. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, San Francisco, CA.
  - 11 Nighbor, T. D., **Klemperer, E. M.**, Reed, E. N., Simone, S., West, J. C., & Hughes, J. R. (2020, March). *Both Reducing Cigarettes per Day and Transitioning to Very Low Nicotine Content Cigarettes Decrease Demand for Usual-Brand Cigarettes.* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.
  - 12 **Klemperer, E. M.**, West, J. C., Peasley-Miklus, C., Williams R., Vallencourt, C., Roemhildt, M., Carman, C., & Villanti, A. C. (2020, March). *Prevalence and reasons for reducing or quitting vaping in young adults: Findings from the PACE Vermont Study* Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA. [Electronic presentation due to COVID 19 travel restrictions]

- 13 **Klemperer, E. M.**, Hughes, J. R., Cook, J. W., Peasley-Miklus, K., Streck, J. M., Callas, P. W., & Morley, N. E. (2020, March). *Is low positive affect a symptom of tobacco withdrawal? A meta-analysis*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA. [Electronic presentation due to COVID 19 travel restrictions]
- 14 **Klemperer, E. M.**, Baker, T. B., & Cook, J. W. (2020, June). *Predictors of smoking cessation attempts and success following motivation-phase interventions among people initially unwilling to quit smoking*. Poster presented and abstract published at the College of Problems on Drug Dependence virtual conference. [In-person conference canceled due to COVID-19]
- 15 **Klemperer, E. M.**, Hughes, J. R., Callas, P.W., West, J. C., & Villanti A. C. (2021, February). *Tobacco use among US adult “never smokers” in Wave 4 (2016-2018) of the Population Assessment of Tobacco and Health Study*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco virtual conference.
- 16 \*West J. C., Burt K., **Klemperer E. M.**, Chen H. L., & Villanti A. C. (2021, June). *Perceived addictiveness of marijuana, tobacco and alcohol use in Vermont youth and young adults: associations between addiction perceptions, sociodemographics, and substance use*. Poster presented and abstract published at the College on Problems on Drug Dependence virtual conference.
- 17 **Klemperer, E. M.**, Streck, J. M., Hughes, J. R., & Lindson, N. (2021, June) *A systematic review of interventions to induce attempts to quit tobacco among adults not ready to quit*. Poster presented and abstract published at the College on Problems on Drug Dependence virtual conference.
- 18 DeBellis, D. & **Klemperer, E. M.** (2022, March) *Change in Internet searches for smoking cessation during the COVID-19 pandemic in the United States*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 19 **Klemperer, E. M.**, Bunn, J. Y., Carpenter, M. J., Cummings, K. M., Smith, T. T., & Palmer, A. M. (2022, March) *Past year vaping quit attempts and cessation among US adults with current or past electronic nicotine delivery systems (ENDS) use: Findings from Wave 4 (2016-2018) of the Population Assessment of Tobacco and Health Study*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 20 **Klemperer, E. M.**, Streck, J. M., Lindson, N., & Carpenter, M. J. *A systematic review and meta-analysis of interventions to induce attempts to quit tobacco among adults not ready to quit*. (2022, March) Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 21 \*Feinstein, M. P., Hughes, J. R., Peasley-Miklus, C. E., Naud, S., & **Klemperer, E. M.** (2022, March). *A systematic review and meta-analysis of electronic versus*

- tobacco cigarette dependence*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 22 Peasley-Miklus C., **Klemperer E. M.**, \*LePine S. E., \*West J. C., & Villanti A. C. (2022, March). *Perceived ability to handle stress and depressive mood without smoking predicts abstinence in socioeconomically-disadvantaged young adult smokers*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 23 Villanti A. C., Peasley-Miklus C., **Klemperer E. M.**, \*LePine S. E., \*West J. C., Cha S., Mays D., Mermelstein R., Higgins S. T., & Graham A. L. (2022, March). *Randomized controlled trial of a tailored web and text message intervention for smoking cessation in socioeconomically-disadvantaged young adult cigarette smokers*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 24 \*West J. C., \*Pomichter E., \*LePine S. E., Ganz O., **Klemperer E. M.**, Mays D., Mermelstein R. J., & Villanti A. C. (2022, March). *Potential effects of study design on mass media tobacco prevention campaigns evaluations: A systematic review*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, Baltimore, MD.
- 25 **Klemperer, E. M.**, Wreschnig, L., Crocker, A., King-Mohr, J., Ramniceanu, A., Evans, E. A., & Rawson, R. (2022, June). A statewide evaluation of the implementation and effectiveness of medications for opioid use disorder in Vermont correctional facilities and the impact of COVID-19. Poster presented and abstract published at the College on Problems of Drug Dependence, Minneapolis, MN.
- 26 \*Feinstein, M. P., Meyers, S., Skelly, J., & **Klemperer, E. M.** (2022, June). *An exploratory analysis of tobacco use and demographic characteristics among treatment-seeking adult dual users who prefer to quit cigarettes only vs cigarettes and e-cigarettes simultaneously*. Poster presented and abstract published at the College on Problems of Drug Dependence, Minneapolis, MN.
- 27 \*Feinstein, M. P., Marsh, K., Gaalema, D. E., & **Klemperer, E. M.** (2023, March). *The association between cumulative vulnerabilities and cigarette smoking in the United States: A review of nationally representative studies*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco, San Antonio, TX.
- 28 \*Wiley, R. C., \*Middleton, W. A., O'Connor, S. D., Skelly, J., Sigmon, S., & **Klemperer, E. M.** (2023, June). *Fine-grained patterns of combusted cigarette and e-cigarette use among dual users who intend to quit smoking*. Poster presented and abstract published at the College on Problems of Drug Dependence conference, Denver, CO.
- 29 \*Barrows, A., **Klemperer, E. M.**, Garavan, H., Allgaier, N., Lindson, N., & Taylor, G. (2024, March). *Smoking reduction trajectories and their association with smoking cessation*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Edinburgh, Scotland.

**\*\*Selected for Treatment Research Network poster tour\*\***

- 30 **Klemperer, E. M.**, \*Kock, L., \*Feinstein, M. J. P., \*Marsh, K., Gaalema, D., & Higgins, S. T. (2024, March). *Sex differences in dual use and smoking cessation in the United States: Longitudinal findings from the Population Assessment of Tobacco and Health Study*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Edinburgh, Scotland.
- 31 **Klemperer, E. M.**, Coleman, S., Baker, T. B., & Cook, J. W. (2024, March). *When does smoking reduction counseling decrease cessation? An exploratory analysis of a randomized factorial trial of motivation-phase interventions for people who are not ready to quit*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Edinburgh, Scotland.
- 32 \*Wiley, R. C., \*Middleton, W. A., \*O'Connor, S. D., Skelly, J., Sigmon, S., & **Klemperer, E. M.** (2024, March). *Do dual users use their e-cigarettes more after achieving short-term combustible cigarette abstinence? Findings from an 8-week observational study*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Edinburgh, Scotland.
- 33 \*Feinstein, M. P., \*Erath, T., Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & **Klemperer, E. M.** (2024, June). *A test of nicotine product substitution for cigarettes and differences by vulnerabilities to smoking using the Experimental Tobacco Marketplace*. Poster presented and abstract published at the College on Problems of Drug Dependence conference, Montreal, Quebec, Canada.
- 34 \*Wiley, R. C., \*Middleton, W. A., \*O'Connor, S. D., Chen, F. F., Sigmon, S., & **Klemperer, E. M.** (2024, June). *The association between e-cigarette use and concurrent combusted cigarette cessation-related outcomes in a prospective natural history study* Poster presented and abstract published at the College on Problems of Drug Dependence conference, Montreal, Quebec, Canada.
- 35 **Klemperer, E. M.**, Coleman, S., & Cook, J. W. (2024, June). *Exploring unexpected adverse effects from an intervention to reduce cigarette smoking: a secondary analysis of a randomized factorial trial*. Poster presented and abstract published at the College on Problems of Drug Dependence conference, Montreal, Quebec, Canada.
- 36 \*Wiley, R. C., DeSarno, M. J., Higgins, S. T., Sigmon, S. C., Tidey, J. W., Heil, S. H., Gaalema, D. E., Lee, D. C., **Klemperer, E. M.**, Menson, K. E., Cioe, P. A., Plucinski, S., & Orr, E. (2025, March). *Use of cooling flavored e-cigarettes associated with greatest decreases in cigarette consumption in 3 randomized controlled trials of reduced nicotine cigarettes*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.
- 37 \*Feinstein, M. P., \*Ogadi, P., \*Berglund, L., \*O'Connor, S., & **Klemperer, E. M.** (2025, March). *Investigating reasons for first product use after waking among young adults who dually use cigarettes and e-cigarettes*. Poster presented and

abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.

- 38 \*Koval, K. R., Carpenter, M. J., Wahlquist, A., **Klemperer, E. M.**, Cummings, K. M., & Smith, T. T. (2025, March). *Moderators of the impact of e-cigarette provision on smoking: secondary analyses from a large naturalistic randomized clinical trial in the US*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.
- 39 \*Feinstein, M. P., \*Nolder, K., \*Katz, B., Atwood, G. S., Gaalema, D., Higgins, S. T., & **Klemperer, E. M.** (2025 March). *Cumulative vulnerability to combusted tobacco smoking: a scoping review*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.
- 40 \*Goli, S. K., \*Feinstein, M. P., & **Klemperer, E. M.** (2026 March). *Moderators of smoking cessation treatment for young adult dual users of cigarettes and e-cigarettes: a secondary analysis of a randomized clinical trial*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Baltimore, MD.
- 41 \*Booth, E. L., Carpenter, M. J., & **Klemperer, E. M.** (2026, March). *How do remote screening procedures impact who enrolls in tobacco treatment research? An exploratory analysis of a remote randomized clinical trial*. Poster presented and abstract published at the Society for Research on Nicotine and Tobacco conference, Baltimore, MD.
- 42 \*Wiley, R. C., \*Middleton, W. A., \*O'Connor, S., Sigmon, S. C., & **Klemperer, E. M.** (2026 June). *Fine-grained longitudinal patterns of cigarette and e-cigarette dual use and associations with proximal cigarette abstinence*. Poster presented and abstract published at the College on Problems of Drug Dependence conference, Portland, OR.

### Patents Issued or Pending

N/A

### Other Creative Activities

N/A

### Quality Improvement and Patient Safety Activities

N/A

### SUMMARY OF SCHOLARLY ACTIVITIES

Broadly, my research focuses on nicotine reduction, combined use of combusted and non-combusted nicotine products, and interventions for people who are not motivated to quit smoking. I have two ongoing NIH-funded R01s. The first is a multi-site RCT testing nicotine reduction among adults who dually use cigarettes and e-cigarettes. The second is a large naturalistic cohort study to investigate longitudinal patterns of dual use of cigarettes and e-cigarettes. Both R01s build upon my previous work within the Vermont

Center on Behavior and Health as an NIH funded Project Leader in our Center of Biomedical Research Excellence (COBRE). With 65 publications in well-regarded peer-reviewed journals (including *JAMA Psychiatry*, *Addiction*, and *Tobacco Control*) and over 100 scholarly presentations, my research has made substantive scholarly contributions at the local, state, and national levels. I have led or collaborated on multiple large national and multi-site randomized controlled trials and have experience conducting both in-person and fully-remote research. In addition to my work in tobacco, I have an emerging line of research examining the treatment of opioid use disorder among incarcerated individuals, which includes a recently completed NIH-funded statewide evaluation of the implementation of medication for opioid use disorder in Vermont correctional facilities. My ongoing leadership roles within three federally funded research centers as well as my growing body of independent research grant funding has positioned me well to continue to build my program of research in addiction and behavioral health interventions.

## INVITED PRESENTATIONS

### Regional Talks

- 1 **Klemperer, E. M.** (2016, August). *A mediation analysis of motivational, reduction, and usual care interventions for smokers who are not ready to quit.* Paper presentation at the annual Training in Behavioral Pharmacology of Drug Dependence Scientific Retreat, Vergennes, VT.
- 2 **Klemperer, E. M.** (2017, August). *Reduction in cigarettes per day prospectively predicts making a quit attempt: a fine-grained secondary analysis of a natural history study.* Paper presentation at the annual Training in Behavioral Pharmacology of Drug Dependence Scientific Retreat, Vergennes, VT.
- 3 **Klemperer, E. M.** (2019, July). *Who remits from opioid use disorder without treatment? Findings from the National Epidemiologic Survey on Alcohol and Related Conditions.* Paper presentation at the annual Training in Behavioral Pharmacology of Drug Dependence Scientific Retreat, Vergennes, VT.
- 4 **Klemperer, E. M.** (2019, August). *Remission from opioid use disorder without treatment in the United States.* Paper presentation for the University of Vermont Larner College of Medicine Excellence in Research Symposium, Burlington, VT.
- 5 **Klemperer, E. M.** (2020, July). *Dual use and smoking cessation: recent and upcoming research.* Paper presentation at the annual Training in Behavioral Pharmacology of Drug Dependence Scientific Retreat, Vergennes, VT.
- 6 **Klemperer, E. M.** (2021, August). *Preliminary findings from a statewide evaluation of the implementation of medications for opioid use disorder (MOUD) in Vermont correctional facilities.* Paper presentation and abstract publication at the Northeast Regional Institutional Development Award (IDeA) Conference.
- 7 **Klemperer, E. M.** & Lyon-Horne, J. (2022, May). *Nicotine replacement therapy tobacco treatment toolkits to promote smoking cessation among people receiving*

- medication for opioid use disorder*. Oral presentation for the Maine Health Center for Tobacco Independence Conference, virtual presentation.
- 8 **Klemperer, E. M.** & Lyon-Horne, J. (2022, August). *Tobacco treatment toolkits to promote smoking cessation in rural Vermont communities*. Oral presentation for the Vermont Department of Health Tobacco Control Group, virtual presentation.
  - 9 **Klemperer, E. M.** (2022, November). *Applying motivation-phase interventions to treat tobacco use among people with opioid use disorder*. Oral presentation for the Center on Rural Addiction (CORA) Community Rounds Workshop Series, virtual presentation.
  - 10 **Klemperer, E. M.** (2022, December). *Tobacco and our rural community*. Oral presentation for the Healthy Lamoille Valley Tobacco and Vape Taskforce Meeting, virtual presentation.
  - 11 **Klemperer, E. M.** (2023, April). *Harm reduction panel*. Center on Rural Addiction (CORA) Scholarship Program, Burlington, VT.
  - 12 **Klemperer, E. M.** & Villanti A. C. (2023, May). *Tobacco treatment toolkits for people living in rural communities*. Oral presentation for the Vermont Department of Health Grand Rounds, Burlington, VT.
  - 13 **Klemperer, E. M.** (2023, June). *Nicotine replacement therapy and tobacco-related health disparities*. Oral presentation for the Center for Population Health - Cheshire Medical Center, Keene, NH.
  - 14 **Klemperer, E. M.**, Bourne, D., & Brown, T. (2023, December). *National and local reflections on the integration of tobacco cessation in behavioral health systems*. Paper presentation and abstract publication at the New Hampshire Behavioral Health Summit, Manchester, NH.
  - 15 **Klemperer, E. M.** (2024, October) *Tobacco treatment for people living with mental health or substance use disorders*. Oral presentation at the Vermont Department of Health Behavioral Health Meeting, Waterbury, VT.
  - 16 **Klemperer, E. M.** (2025, January) *Strategies to promote smoking cessation among patients with substance use disorder*. Oral presentation at the University of Vermont Addiction Treatment Center, Burlington, VT.
  - 17 **Klemperer, E. M.** (2025, March) *Recent Research and The Pursuit of R01s*. Oral presentation for the University of Vermont Cancer Center, Burlington, VT.
  - 18 **Klemperer, E. M.** (2025, May) *Preventing cancer in the next generation: novel treatment for poly-tobacco use among young adults*. Oral presentation for PitchFest philanthropic event, hosted by the University of Vermont Cancer Center, Burlington, VT.

- 19 \*Barrows, A. & **Klemperer, E. M.** (2026, February) *Smoking reduction trajectories and their associations with smoking cessation*. Oral presentation for the Vermont Department of Health, Burlington, VT.

## National Talks

- 1 **Klemperer, E. M.**, Nielsen, E. (2011, June). *Conflict resolution with a serious game for peace*. Paper presentation and abstract publication at the Games, Learning, and Society conference, Madison, WI.
- 2 **Klemperer, E. M.**, Rieckmann, T., & Campbell, A. (2012, October). *Factors influencing the use of technology in substance abuse treatment*. Paper presentation and abstract publication at the Addiction Health Services Research conference, New York, NY.
- 3 **Klemperer, E.M.**, Hughes, J. R., Callas, P. W., & Morley, N. (2018, June). *A randomized trial to compare switching to very low nicotine content cigarettes vs reducing cigarettes per day*. Plenary paper presentation and abstract publication at the National Institute of Health's Tobacco Regulatory Science meeting, Washington D.C.
- 4 **Klemperer, E. M.** (2021, August). *Interventions for adults who are not motivated, not willing, or not ready to quit smoking*. Oral presentation for the NIDA Nicotine & Tobacco Research Team (NTRT).
- 5 **Klemperer, E. M.** (2021, September). *Preliminary findings from a statewide evaluation of the implementation of medications for opioid use disorder (MOUD) in Vermont correctional facilities and the impact of COVID-19*. Oral presentation for the NIH HEAL Justice Community Opioid Innovation Network (JCOIN).
- 6 **Klemperer, E. M.** (2021, December). *A statewide evaluation of the implementation of medications for opioid use disorder (MOUD) in Vermont correctional facilities and the impact of COVID-19*. Oral presentation for the Center of Biomedical Research Excellence (COBRE) on Opioids and Overdose, Rhode Island.  
<https://www.youtube.com/watch?v=3cK0mBm2qkg>
- 7 **Klemperer, E. M.** (2022, August). *The influence of e-cigarette reduction on combusted cigarette smoking: A pilot randomized controlled trial*. Oral presentation for the CASEL Tobacco Centers of Regulatory Science (TCORS) Webinar Series.
- 8 **Klemperer, E. M.**, Luo, X., Jensen, J., al'Absi, M., Cinciripini, P. M., Robinson, J. D., Drobles, D. J., McClernon, J., Strasser, A. A., Strayer, L. G., Vandrey, R., Benowitz, N. L., Donny, E. C., & Hatsukami, D. K. (2022, October). *Smoking abstinence and cessation-related outcomes one month after an immediate versus gradual reduction in nicotine content of cigarettes*. Plenary paper presentation and abstract publication at the Tobacco Centers of Regulatory Science (TCORS) virtual conference.

- 9 **Klemperer, E. M.** (2023, April). *Emerging evidence to inform tobacco treatment for dual users*. Oral presentation for the Promoting Advancements for Cancer Control and Health Equity Seminar (PACES). Charleston, SC.
- 10 **Klemperer, E. M.** (2023, June). *The impact of the implementation of medication for opioid use disorder and COVID-19 in a statewide correctional system on treatment engagement, post-release continuation of care, and overdose*. Oral presentation for the NIH HEAL Justice Community Opioid Innovation Network (JCOIN) steering committee.
- 11 **Klemperer, E. M.** (2023, August). *Implementing medication for opioid use disorder and the impact of COVID-19 on treatment engagement and post-release overdose in a statewide correctional system*. Paper presentation and abstract publication at the Northeast Regional IDEa Conference (NERIC), Wilmington, DE.
- 12 **Klemperer, E. M., \*Kock, L., \*Feinstein, M. P., \*Marsh, K., & Higgins, S. T.** (2023, October). *Dual use of cigarettes and e-cigarettes among women in the United States: Nationally representative findings from the Population Assessment of Tobacco and Health Study*. Paper presentation and abstract publication at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 13 **Klemperer, E. M.** (2023, October). *Implementing medication for opioid use disorder in a statewide correctional system*. Paper presentation and abstract publication at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 14 **Klemperer, E. M.** (2024, May). *Preliminary evidence from a randomized controlled trial of nicotine replacement therapy for smoking cessation with advice to continue vs quit e-cigarettes among dual users*. Oral presentation for the University of Wisconsin Center for Tobacco Research and Intervention, Madison, WI.
- 15 **Klemperer, E. M.** (2024, October). *Frequency of e-cigarette use as a mediator of effects in three randomized controlled trials of reduced nicotine content cigarettes with tobacco- vs preferred-flavored e-cigarettes in high-risk populations*. Paper presentation and abstract publication at the Vermont Center on Behavior and Health conference, Burlington, VT.
- 16 **Klemperer, E. M.** (2024, November). *Enhancing tobacco treatment engagement and smoking cessation: insights and interventions*. Oral presentation for the Oregon Tobacco-Free Recovery Leadership Academy meeting.
- 17 **Klemperer, E. M.** (2025, February). *Emerging evidence to inform tobacco use treatment for adults who dually use cigarettes and e-cigarettes*. Webinar for the Center of Excellence for Tobacco Free Recovery.
- 18 **Klemperer, E. M.** (2025, July). *Treating dual use of cigarettes and e-cigarettes*. Invited talk for the Medical University of South Carolina (MUSC) Hollings Cancer Center Tobacco Treatment Program.

- 19 **Klemperer, E. M.** (2025, August). *Cigarette reduction: frequency of e-cigarette use mediates effects in three randomized controlled trials of reduced nicotine cigarettes with tobacco vs preferred flavored e-cigarettes in high-risk populations*. Invited talk for The FDA/NIH Tobacco Cessation Workgroup Session on Novel Endpoints in Combustible Cigarette Smoking Intervention Trials.
- 20 **Klemperer, E. M.** (2025, December). *From cutting down to quitting: working with adults who smoke and are not engaged in treatment*. Invited talk for the Vermont Center on Behavior and Health lecture series, University of Vermont.
- 21 **Klemperer, E. M.** (2026, January). *Addressing dual use: evidence-based treatment for adults who use cigarettes and e-cigarettes*. Invited keynote speaker for the Tobacco Free Kansas Coalition Annual Meeting.
- 22 **Klemperer, E. M.** (2026, May). *Dual use of cigarettes and e-cigarettes: clinical implications and treatment strategies*. Invited talk for the Center of Excellence for Tobacco Free Recovery.

### International Talks

- 1 **Klemperer, E. M.** & Hughes, J.R. (2014, June). *Does the efficacy of medications for substance abuse treatment decrease over time?* Paper presentation and abstract publication at the College on Problems of Drug Dependence conference, San Juan, Puerto Rico.
- 2 **Klemperer, E. M.**, Hughes, J. R., Solomon, L. J., Callas, P. W., & Fingar, J. R. (2016, March). *A randomized controlled trial of motivational and reduction interventions for smokers who are not ready to quit*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco conference, Chicago, IL.
- 3 **Klemperer, E.M.** & Hughes, J. R. (2016, May). *Study characteristics account for the majority of variance in clinical trials of medications for alcohol use disorders: A meta-analysis*. Paper presentation and abstract publication at the Society for Clinical Trials conference, Montreal, Quebec, Canada.
- 4 **Klemperer, E.M.** & Hughes, J. R. (2016, June). *Reduction in cigarettes per day prospectively predicts quit attempts and cessation in smokers who are not ready to quit*. Paper presentation and abstract publication at the College of Problems on Drug Dependence conference, Palm Springs, CA.
- 5 **Klemperer, E.M.**, Hughes, J. R., & Naud, S. (2017, May). *Nonpharmacological study characteristics account for the majority of variance in clinical trials of medications for tobacco and alcohol use disorders: a meta-analysis*. Paper presentation and abstract publication at the College of Problems on Drug Dependence conference, Montreal, Quebec, Canada.

- 6 **Klemperer, E.M.**, Hughes, J. R., & Callas, P. (2019, February). *Clinical outcomes from a randomized trial to compare reducing nicotine with very low nicotine content cigarettes versus reducing number of cigarettes per day*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco conference, San Francisco, CA.
- 7 **Klemperer, E. M.**, Lamberson, M., Bidad, R., Dubuque, A., Morgan, C., Herrington, R., Mahler, B., Jackson, P., Maruti M., Wolfson, D., Goedde, M., Dewitt, K., Rawson R., & Mackey, S. (2020, July). *Implementation, recruitment, and retention for an emergency department initiated buprenorphine intervention for opioid use disorder*. Paper presentation and abstract publication at the Society for Clinical Trials contributed session virtual presentation. [In-person conference canceled due to COVID-19]
- 8 **Klemperer, E. M.** & Villanti, A. C. (2021, February). *Why and how do dual users quit electronic cigarettes? Findings from a cross-sectional internet survey*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco virtual conference.
- 9 **Klemperer, E. M.**, Bunn, J. Y., Palmer, A. M., Smith, T. T., Toll, B. A., Cummings, K. M., & Carpenter, M. J. (2023, March). *E-cigarette cessation and transitions in combusted tobacco smoking status: Longitudinal findings from the US FDA PATH Study*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco conference, San Antonio, TX.
- 10 **Klemperer, E. M.**, \*Feinstein, M. J., Skelly, J., O'Connor, S., \*West, J. C., Peasley-Miklus, C., Hatsukami, D. K., & Higgins, S. T. (2023, June). *The influence of e-cigarette reduction on combusted cigarette smoking among dual users: A pilot randomized controlled trial*. Paper presentation and abstract publication at the College on Problems of Drug Dependence conference, Denver, CO.
11. **Klemperer, E. M.**, \*Feinstein, M. J., \*Marsh, K., Skelly, J., Carpenter, M. J., Villanti, A. C., & Higgins, S. T. (2025, March). *Smoking cessation treatment for young adult dual users: a 2x2 factorial trial of nicotine replacement therapy with recommendations to quit or continue e-cigarette use*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.
12. **Klemperer, E. M.**, Desarno, M., Plucinski, S., \*Feinstein, M. J., \*Wiley, R. C., Sigmon, S. C., Tidey, J. W., Heil, S. H., Gaalema, D. E., Lee, D. C., & Higgins, S. T. (2025, March). *Cigarette reduction: frequency of e-cigarette use mediates effects in three randomized controlled trials of reduced nicotine cigarettes with tobacco vs preferred flavored e-cigarettes in high-risk populations*. Paper presentation and abstract publication at the Society for Research on Nicotine and Tobacco conference, New Orleans, LA.

13. **Klemperer, E. M.**, Xianghua, L., Quing, C., Carroll, D. M., Donny, E. C., McClernon, F. J., Benowitz, N. L., Strasser, A. A., Tidey, J. W., & Hatsukami, D. K. (2025, June). *Dual use and combusted tobacco abstinence one month after a randomized clinical trial of reduced nicotine cigarettes in a marketplace with alternative nicotine delivery systems*. Paper presentation and abstract publication at the College on Problems of Drug Dependence conference, New Orleans, LA.
- 14 **Klemperer, E. M.** (2026, June). *Harm reduction and non-abstinence outcomes in tobacco research*. Symposium presentation and abstract publication at the College on Problems of Drug Dependence conference, Portland, OR.
- 15 **Klemperer, E. M.** (2026, June). *From post-doc to PI: building an academic research career in addiction science*. Symposium presentation and abstract publication at the College on Problems of Drug Dependence conference, Portland, OR.

#### INVITED CHAIR AND DISCUSSANT ROLES IN SCIENTIFIC SYMPOSIA

- 1 Mashhoon, Y. & **Klemperer, E. M.** (2016, June) *Cigarettes: nicotine*. Co-chaired symposium at the College on Problems of Drug Dependence (CPDD) conference, Palm Springs, CA.
- 2 **Klemperer, E. M.** (2021, October). *Paper Session 2*. Chaired symposium at the Vermont Center on Behavior and Health (VCBH) conference, virtual meeting.
- 3 **Klemperer, E. M.** (2022, October). *ENDS and cigarette smoking cessation*. Chaired symposium at the Tobacco Centers of Regulatory Science (TCORS) conference, virtual meeting.
- 4 **Klemperer, E. M.** & Bold, K. W. (2023, June). *Nicotine clinical treatments*. Chaired symposium at the College on Problems of Drug Dependence conference, Denver, CO.
5. **Klemperer, E. M.** (2025, June). *No smoking in the French quarter: treatments for nicotine dependence*. Chaired symposium at the College on Problems of Drug Dependence conference, New Orleans, LA.
6. **Klemperer, E. M.** (2025, July). *Interventions for quitting vaping: Findings from a Cochrane living systematic review*. Discussant for the Tobacco Online Policy Seminar (TOPS).
7. **Klemperer, E. M.** (2025, October). *Tobacco control and regulatory science*. Chaired symposium at the Vermont Center on Behavior and Health (VCBH) conference, Burlington, VT.

#### INVITED MEDIA INTERVIEWS

- 1 **Klemperer, E. M.** (2021, April). UVM Brings Therapy to Federal Prisoners. Invited interview on the Vermont Correctional Addiction Treatment Program (VCAP) for an article in *Seven Days*: <https://www.sevendaysvt.com/vermont/inmates-interrupted-uvm-brings-therapy-to-federal-prisoners/Content?oid=5061596>
- 2 Higgins S. T. & **Klemperer, E. M.** (2022, August). UVM Researchers Contributing to FDA Nicotine Studies. Invited television interview for a story on tobacco regulatory science research on UVM on *WCAX Channel 3*.
- 3 **Klemperer, E. M.** (2023, June). UVM research on the implementation of medication assisted treatment in Vermont's correctional facilities. Invited radio interview on *Vermont Public*.
- 4 **Klemperer, E. M.** (2023, August). Treatment for opioid use disorder in Vermont's prisons. Invited television interview for a story on *ABC Channel 22*.
- 5 **Klemperer, E. M.** (2023, August). Study finds success in prison opioid treatment program. Invited interview for an article in *VT Digger*: <https://vtdigger.org/2023/08/10/study-finds-successes-in-prison-opioid-treatment-program/>
- 6 **Klemperer, E. M.** (2023, December). In Putney, harm reduction takes a rural focus. Invited interview for an article in *VT Digger*: <https://vtdigger.org/2023/12/11/in-putney-harm-reduction-takes-a-rural-focus/>
- 7 **Klemperer, E. M.** (2024, March). UVM researcher studies how to best help smokers cut nicotine. Invited television interview for a story on *WCAX Channel 3*: <https://www.wcax.com/2024/03/06/uvm-researcher-studies-how-best-help-smokers-cut-nicotine/>
- 8 **Klemperer, E. M.** (2024, April). New UVM tests nicotine reduction in cigarettes and e-cigarettes. Invited television interview for a story aired on *ABC Channel 22 and Fox Channel 44*: <https://www.mychamplainvalley.com/news/your-best-life/your-best-life-uvm-nicotine-study/>
- 9 **Klemperer, E. M.** (2025, June). UVM study reveals effective treatment for young adults who smoke and vape. Invited television interview for a story on *WCAX Channel 3*: <https://www.wcax.com/2025/06/26/uvm-study-reveals-effective-treatment-youth-who-smoke-vape/>
- 10 **Klemperer, E. M.** (2025, July). Invited guest on the University of Oxford *Let's Talk E-cigarettes* podcast: <https://podcasts.ox.ac.uk/series/lets-talk-e-cigarettes>