
CURRICULUM VITAE

Warren K. Bickel, Ph.D.

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CONTACT INFORMATION

Office:

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EDUCATION AND TRAINING

State University of New York at New Paltz, New York (1974-1978)

Major: Psychology

Degree: B.A. (Honors)

University of Kansas, Lawrence, Kansas (1979-1981)

Major: Developmental and Child Psychology

Degree: M.A.

University of Kansas, Lawrence, Kansas (1981-1983)

Major: Developmental and Child Psychology

Degree: Ph.D.

Postdoctoral Fellow, Biological Sciences Research Center (1983-1984)

University of North Carolina School of Medicine, Chapel Hill, North Carolina

Postdoctoral Fellow, Department of Psychiatry (1984-1985)

Johns Hopkins University School of Medicine, Baltimore, Maryland

Additional Training:

Visiting Fellowship in Transcranial Magnetic Stimulation (2011)

Duke University, Department of Psychiatry and Behavioral Sciences

PROFESSIONAL APPOINTMENTS

- Albert Einstein College of Medicine of Yeshiva University - New York, New York
 - Assistant Director for Clinical Research, Division of Substance Abuse (1985-1987)
 - Assistant Professor, Department of Psychiatry (1985-1987)
- University of Vermont College of Medicine - Burlington, Vermont
 - Research Assistant Professor, Departments of Psychiatry and Psychology (1987-1989)
 - Assistant Professor, Departments of Psychiatry and Psychology (1989-1992)
 - Associate Professor, Departments of Psychiatry and Psychology (1992-1997)
 - Vice-Chair for Research, Department of Psychiatry (1997-2001)
 - Professor, Departments of Psychiatry and Psychology (1997-2004)
 - Interim-Chair, Department of Psychiatry (2001-2004)
 - Inaugural Director, Chittenden Center, An Addictions Treatment Program; Program of the Howard Center for Human Services in Alliance with Fletcher Allen Health Care and the University of Vermont's College of Medicine (2001-2004)
- University of Arkansas for Medical Sciences
 - Wilbur Mills Professor of Alcoholism and Drug Abuse Prevention, Department of Psychiatry (2004-2011)
 - Director, Arkansas Center for Addiction Research, College of Medicine (2004-2011)
 - Director, Interdisciplinary Tobacco Program, College of Public Health (2004-2011)
- Virginia Tech Carilion Research Institute, Virginia Tech
 - Director, Addiction Recovery Research Center (2011-present)
 - Professor, Department of Psychology, Virginia Tech (2011-present)
 - Professor, Department of Psychiatry, Virginia Tech Carilion School of Medicine (2011-present)
 - Faculty-Virginia Tech Faculty of Health Sciences (2013-present)

Additional Professional Accomplishments:

- Founder and Director, International Quit & Recovery Registry, Addiction Recovery Research Center, Virginia Tech Carilion Research Institute, Virginia Tech (2011)

AWARDS AND TRAINING FELLOWSHIPS

- New York State Regents Scholarship Award (1974)
- Gerald Lazar Memorial Award for Outstanding Senior, Psychology Department, State University of New York at New Paltz (1978)
- Outstanding Senior Award, State University of New York at New Paltz (1978)
- Graduate Student Travel Award, Office of Research and Graduate Studies, University of Kansas, Lawrence, Kansas (1980)
- Pre-doctoral Trainee, National Institute of Child Health and Development, Department of Human Development, University of Kansas, Lawrence, Kansas (1981-1983)
- Postdoctoral Fellow, Interdisciplinary Research Fellowships in Mental Retardation, Autism, and other Developmental Disabilities. National Institute of Child Health and Development. Biological Sciences Research Center, University of North Carolina School of Medicine, Chapel Hill, North Carolina (1983-1984)
- Postdoctoral Fellow in Human Behavioral Pharmacology of Substance Abuse, National Institute of Drug Abuse. Behavioral Pharmacology Research Unit, Division of Behavioral Biology, Department of Psychiatry and Behavioral Sciences, The Johns Hopkins University of Medicine, Baltimore, Maryland (1984-1985)
- Sixth recipient of the Young Psychopharmacologist Award, Division of Psychopharmacology (28), American Psychological Association (1988)

- Ninth recipient of the Joseph Cochin Young Investigator Award from the College on Problems of Drug Dependence (1995)
- MERIT (Method to Extend Research in Time) Award recipient from the National Institute on Drug Abuse, National Institute of Health (1997-2007)
- University Scholar Award, University of Vermont, Burlington, Vermont (2000)
- Arkansas Psychological Association (ArPA) Honors for Outstanding Contribution – Researcher of the Year (2006)
- 2008-2009 Dean’s Distinguished Faculty Lectureship Award, College of Medicine, University of Arkansas for Medical Sciences (2009)
- Fellow, Association for Behavior Analysis International (2011)
- Twenty-fifth Recipient of the APA International Don Hake Translational Research Distinguished Contributions to Basic Research Award (2011)
- Distinguished Scientist Lecturer for APA selected by the APA Science Directorate and Board of Scientific Affairs (2012)
- Thirteenth recipient of the Brady-Schuster Award for Outstanding Behavioral Science Research in Psychopharmacology and Substance Abuse, Division 28 APA (2012)
- Virginia Tech Scholar of the Week Recognition, Weeks of May 14 and May 21 (2012)
- Recognized for Service as Past President - Division 50, Society of Addiction Psychology, American Psychological Association (2013)
- Recipient of the Distinguished Alumni Award. University of Kansas (2014)
- Fellow, Academy of Behavioral Medicine Research (2014)

PROFESSIONAL SERVICE AND AFFILIATIONS

University Service:

- Member, Einstein Award Committee, Albert Einstein College of Medicine of Yeshiva University (1987)
- Representative, Department of Psychiatry to Faculty Senate, University of Vermont (1987-1990)
- Interview of candidates for residency training in Psychiatry, University of Vermont (1987-2004)
- Co-Director of the Human Behavioral Pharmacology Laboratory, Department of Psychiatry, University of Vermont (1987-2004)
- Member, Douglas Planning Committee, Department of Psychiatry, University of Vermont (1990-1993)
- Co-Director, Institutional Training Program in the Behavioral Pharmacology of Human Drug Dependence, University of Vermont (1990-2004)
- Co-Director, University of Vermont Substance Abuse Treatment Center, Department of Psychiatry, University of Vermont (1990-2004)
- Member, Residency Training Committee, Department of Psychiatry, University of Vermont (1991-1997)
- Member, Graduate Education Committee, College of Medicine, University of Vermont (1996-2004)
- Member, Search Committee for new Chair, Department of Psychiatry, University of Vermont (2000-2001)
- Chair, Research Committee, College of Medicine, University of Vermont (1999-2003)
- Member, Dean’s Executive Committee, College of Public Health, University of Arkansas for Medical Sciences (2004-2011) Member, Steering Committee, Department of Psychiatry, College of Medicine, University of Arkansas for Medical Sciences (2004-2011)
- Member, NIH Funding Crisis Advisory Committee, College of Medicine, University of Arkansas for Medical Sciences (2006)
- Member, Research Council, College of Medicine, University of Arkansas for Medical Sciences (2006-2011)
- Chair, IT Research Steering Committee, College of Medicine, University of Arkansas for Medical Sciences (2006-2011)
- Member, International Society for the Prevention of Tobacco Induced Diseases (ISPTID) Scientific Planning Committee, University of Arkansas for Medical Sciences (2006-2007)

- Member, Internal Advisory Group, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2007-2009)
- Member, Novel Methodologies Group, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2007-2009)
- Member, Behavior Research Group, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2007-2009)
- Member, Chair, Radiology Search Committee, College of Medicine, University of Arkansas for Medical Sciences (2007-2008)
- Member, Executive Steering Committee, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2008-2011)
- Member, Cancer Institute Senior Leadership Committee, Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences (2008-2011)
- Co-Director, Behavioral Oncology, Analytical Technologies, and Science (BOATS) Program, Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences (2008-2011)
- Member, Internal Advisory Committee of the Center for Translational Neuroscience, University of Arkansas for Medical Sciences (2008-2011)
- Director, Behavior Research Group, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2009-2011)
- Member, Cabinet, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2009-2011)
- Member, Planning Committee, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2009-2011)
- Member, Rainmaker Committee, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2009-2011)
- Member, Committee on Clinical Research, University of Arkansas for Medical Sciences (2009-2011)
- Member, Executive Committee, Psychiatric Research Institute, University of Arkansas for Medical Sciences (2009-2011)
- Chair, Behavioral Research Expert Team, Clinical and Translational Science Award, Center for Clinical and Translational Research, College of Medicine, University of Arkansas for Medical Sciences (2009-2011)
- Co-Chair, Psychiatric Research Institute Research Council, University of Arkansas for Medical Sciences (2009-2011)
- Member, Translational Biology, Medicine & Health Graduate Program Working Group and Co-Chair of the Brain and Cognitive Sciences Track Committee, Virginia Tech and Virginia Tech Carilion Research Institute (2013)
- Member, Search Committee for Vice President of the Research Division, Virginia Tech (2014-2015)
- Member, "Envisioning Virginia Tech – Beyond Boundaries" Discovering New Funding Models Working Group, Virginia Tech (2015-2016)

Service to National Organizations:

- Reviewer, Special Review Committee, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration's Small Business Innovation Research Grant Program (1986)
- Special Review Committee, AIDS Community Evaluation Contract Review, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1987)
- Reviewer, Special Review Committee, Drug Abuse Clinical and Behavioral Research Review Committee, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1987)
- Co-Program Chair, Behavioral Pharmacology and Toxicology Area, Association for Behavior Analysis (1987-1990)
- Reviewer, Special Review Committee, AIDS, Central Data Coordination for New Grants/Contracts, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1988)

- Reviewer, Special Review Committee, Drug Abuse Clinical and Behavioral Research Review Committee, National Institute on Drug Abuse Alcohol Drug Abuse and Mental Health Administration (1988)
- Program Chair, Psychopharmacology Division (Division 28) American Psychological Association (1989-1991)
- Consultant, Caffeine as a Drug of Abuse, Coffee Beverage Association (1989)
- Member, Special Review Committee (Review of Treatment Research Units) and Drug Abuse Clinical and Behavioral Research Committee, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1989)
- External Reviewer, Scientist Promotion Committee, Addiction Research Center, National Institute on Drug Abuse (1990)
- Special Review Consultant, Drug Abuse Clinical and Behavioral Review Committee, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1990)
- Special Review Consultant, Treatment Evaluation Center Award, National Institute on Drug Abuse, Alcohol Drug Abuse and Mental Health Administration (1991)
- Co-organizer, Society for the Quantitative Analysis of Behavior Annual Meeting, Chicago, Illinois (1993)
- Special Review Consultant, Drug Abuse Research Centers, National Institute on Drug Abuse, National Institute of Health (1993)
- Membership Chair, Psychopharmacology and Substance Abuse Division, (Division 28), American Psychological Association (1991-1994)
- Member, Awards Committee, Division of the Experimental Analysis of Behavior (Division 25), American Psychological Association (1993)
- Member, Education and Training Committee, Division on Addictions (Division 50), American Psychological Association (1994)
- Special Review Consultant, National Institute on Drug Abuse, National Institute of Health (1994)
- Reviewer, Cooperative Studies Program, Department of Veterans Affairs (1995)
- Review Consultant, Center Site Visit, National Institute on Drug Abuse, National Institute of Health (1995)
- Special Review Consultant, Basic Behavioral Review Committee, National Institute on Drug Abuse, National Institute of Health (1996)
- Ad Hoc member, Center Review Committee, National Institute on Drug Abuse, National Institute of Health (1996)
- Special Review Consultant, Special Review Committee, National Institute on Drug Abuse, National Institute of Health (1996)
- Member, Drug Policy Task Force, College on Problems of Drug Dependence (1996)
- Member of Board of Directors, College on Problems of Drug Dependence (1997-2001)
- Liaison to College on Problems of Drug Dependence, American Psychological Association (1997)
- Member of Policy Panel on Alternative Nicotine Delivery Systems, American Society of Addiction Medicine (1997)
- Member, Publication Committee, College on Problems of Drug Dependence (1997-2001)
- Member, Public Policy Committee, College on Problems of Drug Dependence (1997-1998)
- Special Review Chairman and Consultant, Special Emphasis Panel, National Institute on Drug Abuse, National Institute of Health (1997)
- Special Review Consultant, Center Site Visit, National Institute on Drug Abuse, National Institute of Health (1997)
- Member, Tobacco Policy Task Force, College on Problems of Drug Dependence (1997)
- Chair, Public Policy Committee, College on Problems of Drug Dependence (1998-2000)
- Member, Behavioral and Social Sciences Review Integration Panel II, National Institutes of Health (1998)
- Special Review Consultant, Center Site Visit, National Institute on Drug Abuse, National Institute of Health (1999)
- Member, Pharmacological Treatment Programs Study Committee, Legislative Council, Montpelier, VT (1999)
- Member, Opiate Addiction Treatment Advisory Committee, Vermont Department of Health (2000)
- Founding Member, International Association of Addiction Editors (2000)

- President-elect, Division of Psychopharmacology & Substance Abuse (Div. 28) American Psychological Association (2000)
- President, Division of Psychopharmacology & Substance Abuse (Div. 28) American Psychological Association (2001)
- Past President, Division of Psychopharmacology & Substance Abuse (Div. 28) American Psychological Association (2002)
- Testify before U.S. Congress, Appropriations, House of Representatives, Labor, HHS, Subcommittee (2002)
- Member, Publication Committee, College on Problems of Drug Dependence (2002)
- Public Policy Officer, College on Problems of Drug Dependence (2000-2002)
- Advisor, Clinical Trials Network (CTN) Ad Hoc Oversight Board for the Acting Director of NIDA (2002)
- President, Division of Psychopharmacology & Substance Abuse (Div. 28) American Psychological Association (2002)
- Service Member, Prescription Abuse among Youth Scientific Advisory Board (SAB), Purdue Pharma L.P. (2002)
- Member, External Scientific Advisor for The Shriver Center Behavioral Technology Group (2003)
- Reviewer, National Academy of Science, National Research Council's report; Immunotherapies and sustained-release formulations for treating drug addiction: Behavioral, ethical, legal and social implications (2003)
- President-Elect, College on Problems of Drug Dependence (2003-2004)
- President, College on Problems of Drug Dependence (2004-2005)
- Past President, College on Problems of Drug Dependence (2005-2006)
- Member, NIH National Research Advisory Council on Drug Abuse (2006-2009)
- Consultant, Drug Abuse Subcommittee, Drug Safety and Risk Management Advisory Committee, Center for Drug Evaluation and Research, Food and Drug Administration (2008-2011)
- Advocate, American Psychological Association's Fifth Annual Science Leadership Conference (2009)
- PhenX Substance Abuse and Addiction Scientific Panel Membership (2011)
- Reviewer, National Institute of Health Special Review for OppNet Applications on Self-Regulation (2011)
- President-elect, Society of Addiction Psychology (Div. 50), American Psychological Association (2010-2011)
- President, Society of Addiction Psychology (Div. 50), American Psychological Association (2011-2012)
- Past President, Society of Addiction Psychology (Div. 50), American Psychological Association (2012-2013)
- Member, Tobacco Products Scientific Advisory Committee, Food and Drug Administration (2013-2017)
- Co-chair, NIH Science of Behavioral Change (SOBC) Harnessing Neuroplasticity for Behavior Change. Bethesda, MD. (2013)
- APA Science Directorate Invitation to Meet with Your Member of Congress (2013)
- Chair, NIH Science of Behavioral Change (SOBC) Expert Review Panel. (2014)
- Member, FDA Neurological Devices Panel (2014)
- Invited participant, NIH/OppNet Conversations on Self-Regulation and Health: Basic, Translational and Clinical Perspectives. American Psychological Association Annual Convention. Washington, DC (2014)
- Met with Congressman Bob Goodlatte as APA Stand for Science representative (2014)
- Invited reviewer, National Cancer Institute Omnibus Grant Review Meeting (2015)

Membership in Professional Societies:

- Fellow, American Psychological Association (1984)
- Fellow, Division 25, Experimental Analysis of Behavior, American Psychological Association (1992)
- Fellow, Division 28, Psychopharmacology and Substance Abuse, American Psychological Association (1992)
- Fellow, Division 3, Experimental Psychology, American Psychological Association (2003)
- Member, Division 6, Behavioral Neuroscience and Comparative Psychology, American Psychological Association (2004)

- Fellow, Division 6, Behavioral Neuroscience and Comparative Psychology, American Psychological Association (2005)
- Fellow, Association for Behavior Analysis (2005)
- Fellow, College on Problems of Drug Dependence (2006)
- Fellow, Division 50, Division on Addictions, American Psychological Association (2006)
- Member, Behavioral Pharmacology Society (2006)
- Member, Organization for Human Brain Mapping (2008)
- Member, Association for Behavior Analysis International (2009)
- Member, Society for the Advancement of Behavior Analysis (2009)
- Member, Society for Neuroscience (2009)
- Who's Who in Science and Engineering (2009)
- Member, American Association for Behavior Therapy (2009)
- Member, Entertainment Software & Cognitive Neurotherapeutics Society (2013)
- Member, Association for Psychological Science (2013)
- Member, Society for Neuroscience (2013)
- Member, International Society for Research on Impulsivity (2013)
- Member, Research Society on Alcoholism (2014)
- Member, Academy of Behavioral Medicine Research (2015)

Editorial Activities:

- Editor-in-Chief, *Experimental and Clinical Psychopharmacology* (1999-2005)
- Associate Editor, Special Issue: "Experimental manipulations of delay discounting and related processes," *Journal of the Experimental Analysis of Behavior* (2014)
- Consulting Editor, Editorial Board, *Psychology of Addictive Behaviors* (2014)
- Member, Editorial Search Committee, *Experimental and Clinical Psychopharmacology* (2015-16)
- Member, Editorial Board, *Current Addiction Reports* (Springer) (publication to begin in 2014)
- Field Editor, *Alcoholism: Clinical & Experimental Research* (ACER) (2013-present)
- Member, Editorial Board, *Journal of the Experimental Analysis of Behavior* (2013- present)
- Member, Editorial Board, *Behavior Analysis Today* (2006-present)
- Member, Editorial Board, *Drug and Alcohol Dependence* (1991-present)
- Member, Editorial Board, *Experimental and Clinical Psychopharmacology* (2006- present)
- Member, Editorial Board, *Journal of the Experimental Analysis of Behavior* (1990-93; 2006-08; 2014-17)
- Member, Editorial Board, *The Behavior Analyst* (1988-1990)
- Guest Editor, *Drug Development Research*
- Guest Editor, *The Psychological Record*
- Guest Editor, Special Issue on Behavioral Economics for *Journal of the Experimental Analysis of Behavior*
- Guest Reviewer, *Addiction*
- Guest Reviewer, *Addictive Behaviors*
- Guest Reviewer, *AIDS and Behavior* (1-15)
- Guest Reviewer, *American Economic Review*
- Guest Reviewer, *American Journal of Clinical Nutrition*
- Guest Reviewer, *American Journal of Medicine*
- Guest Reviewer, *American Journal of Psychiatry*
- Guest Reviewer, *American Journal of Public Health*
- Guest Reviewer, *American Psychologist*
- Guest Reviewer, *Analysis and Intervention in Developmental Disabilities*
- Guest Reviewer, *Analysis of Verbal Behavior*
- Guest Reviewer, *Annals of the New York Academy of Sciences* (4-14)
- Guest Reviewer, *Appetite* (8-15)(9-15)
- Guest Reviewer, *Applied Research in Mental Retardation*
- Guest Reviewer, *Archives of General Psychiatry*

- Guest Reviewer, *BMC Public Health* (1-14)
- Guest Reviewer, *Behavioral Analyst*
- Guest Reviewer, *Behavioral and Cognitive Neuroscience Reviews*
- Guest Reviewer, *Behavioral Pharmacology*
- Guest Reviewer, *Biological Psychiatry* (10-13)(5-14)(6-14)(9-14)(10-14)(7-15)(12-15)
- Guest Reviewer, *Cerebral Cortex*
- Guest Reviewer, *Clinical Neuropharmacology*
- Guest Reviewer, *Clinical Psychological Science*
- Guest Reviewer, *Cognitive, Affective, & Behavioral Neuroscience*
- Guest Reviewer, *Consciousness and Cognition*
- Guest Reviewer, *Experimental Biology and Medicine*
- Guest Reviewer, *Experimental and Clinical Psychopharmacology*
- Guest Reviewer, *Experimental Gerontology* (6-13)
- Guest Reviewer, *European Addiction Research* (1-15)
- Guest Reviewer, *Journal of Abnormal Psychology*
- Guest Reviewer, *Journal of Addiction Medicine*
- Guest Reviewer, *The Journal of the American Medical Association (JAMA) Psychiatry* (3-15)
- Guest Reviewer, *Journal of Applied Behavior Analysis*
- Guest Reviewer, *Journal of Behavioral Medicine* (8-15)
- Guest Reviewer, *Journal of Consulting and Clinical Psychology*
- Guest Reviewer, *Journal of Experimental Child Psychology*
- Guest Reviewer, *Journal of Neuroscience, Psychology, and Economics*
- Guest Reviewer, *Journal of Pharmacological and Experimental Therapeutics*
- Guest Reviewer, *Journal of Studies on Alcohol*
- Guest Reviewer, *Journal of Substance Abuse*
- Guest Reviewer, *Learning and Motivation*
- Guest Reviewer, *Life Sciences*
- Guest Reviewer, *Obesity*
- Guest Reviewer, *Neuroimage*
- Guest Reviewer, *Personality and Social Psychology Bulletin*
- Guest Reviewer, *Pharmacology Biochemistry and Behavior*
- Guest Reviewer, *PLoS ONE*
- Guest Reviewer, *Preventive Medicine* (10-13)(4-14)(9-14)
- Guest Reviewer, *Proceedings of the National Academy of Sciences* (3-14)
- Guest Reviewer, *Psychiatry Research: Neuroimaging* (10-14)
- Guest Reviewer, *Psychological Medicine* (9-13)
- Guest Reviewer, *Psychological Science* (12-15)
- Guest Reviewer, *Psychology of Addictive Behaviors*
- Guest Reviewer, *Psychopharmacology*
- Guest Reviewer, *Research in Developmental Disabilities*
- Guest Reviewer, *Science* (10-15)
- Guest Reviewer, *Tobacco Control* (7-15)
- Guest Reviewer, *Trends in Cognitive Sciences* (1-15)

TEACHING & MENTORING

- University of Vermont (1987- 2004)
- Chair or member, Ph.D. dissertation, and Honor Thesis for 30 students in General Experimental or Clinical Psychology (1987-2004)
- Co-Director, Alcohol and Drug Abuse (12 hrs/every 2 yrs), psychiatry residents (1987-1991)

- Co-Director, Behavioral Therapy (12 hrs/every 2 yrs), psychiatry residents (1987-1991)
- Co-Director, Research Seminar in Human Behavioral Pharmacology (40 hrs/yr), undergraduate, graduate students in psychology, postdoctoral fellows, and psychiatry residents (1987-2004)
- Lecturer in Biological Psychiatry, psychiatry resident course (1987-2004)
- Major Advisor of graduate students in General Experimental Psychology Program (1988)
- Graduate Faculty, University of Vermont (1988-2004)
- Co-Director, Alcohol and Drug Abuse (9 hrs/yr), internal medicine residents (1989-1992)
- Co-Director, Behavioral Pharmacology of Drug Dependence, Graduate Psychology Course (Psy 380) (1989)
- Principal Investigator and Co-Director, National Institute on Drug Abuse Training Grant in Behavioral Pharmacology of Human Drug Dependence (1990-2004)
- Lecturer, Medical Pharmacology, second year medical student course (1991-1992)
- Lecturer, Research Concepts and Methods, psychiatry resident course (1991-1992)
- Lecturer, Science of Human Behavior Course, second year medical student course (1991-1992)
- Co-Director, Behavioral Pharmacology of Drug Dependence, Graduate Psychology Course (Psy 380) (1992)
- Lecturer, Introduction to Neuroscience Course (Biol 95), Department of Psychiatry, College of Medicine (1993-2004)
- Director, Drug Abuse and Selectionism, Graduate Psychology Course (Psy 380) (1996)
- Lecturer, Virginia Tech Carilion School of Medicine (2011)
- Module Facilitator, Gateway Course for Translational, Biology, Medicine & Health Graduate Program (2014)

STUDENT ADVISEES

Predoctoral

- Richard DeGrandpre (1989-1992), received Ph.D. in General Experimental Psychology.
- John Harrington (1993-1995), received Ph.D. in Clinical Psychology.
- Brandi Smith (1993-1998), received Ph.D. in General and Experimental Psychology.
- Lisa Marsch (1996-1999), received Ph.D. in General and Experimental Psychology
- Matthew W. Johnson (1999-2004), received Ph.D. in General Experimental Psychology.
- Kirstin Marie Gatchalian (2002-2004), Predoctoral trainee in General Experimental Psychology.
- Lara Moody (2012–present), Clinical Psychology Graduate Student.
- Lexie Mellis (2015), Translational Biology, Medicine, & Health Graduate Student.

Postdoctoral

- Leslie Amass, Ph.D. (1991-1994)
- Jonathan Kamien, Ph.D. (1991-1994)
- Richard DeGrandpre, Ph.D. (1992-1994)
- Nancy Petry, Ph.D. (1994-1996)
- Greg Madden, Ph.D. (1995-1998)
- Amy Odum, Ph.D. (1998-1999)
- Tim Shahan, Ph.D. (1998-1999)
- Forest Baker, Ph.D. (2000-2001)
- Louis Giordano, Ph.D. (1999-2002)
- August Buchhalter, Ph.D. (2002-2004)
- Ari Kirshenbaum, Ph.D. (2002-2004)
- Richard Yi, Ph.D. (2002-2005)
- Darren Christensen (2008-2009)

- Bryan Jones (2008-2010)
- E. Terry Mueller, Ph.D. (2008-2012)
- David Jarmolowicz , Ph.D. (2010-2012)
- Michael Wesley, Ph.D. (2012)
- A. George Wilson, Ph.D. (2012–2014)
- Amanda J. Quisenberry, Ph.D. (2013-Present)
- Sarah E. Snider, Ph.D (2014-Present)
- Jeffrey S. Stein (2014-Present)

GRANTS

Active

- NIH, NIDA: “Inter-Temporal Trade-offs in the Risky Decisions of Cocaine Addicts” R01DA030241. Role: Co-Principal Investigator. (7/10-3/16)
- NIH, NIMHD: “Reducing Socioeconomic Disparities in Tobacco Dependence Treatment Outcomes” R01MD007054. Role: Co-Investigator (Subcontract). (2/12-1/17)
- NIH/NCI: “Models for Tobacco Product Evaluation” U19CA157345. Role: Project Leader (Subcontract). (9/12-8/17)
- NIH, NIDA: “Neurobehavioral Determinants of Adolescent Substance Use and HIV/STD Behavior” R01DA036017. Role: Co-Investigator. (7/13-3/18)
- NIH, NIDA: “Self-Control Improvement Intervention (SCII): Improving Abstinence in Smokers” R01DA034755. Role: Principal Investigator. (7/13-6/18)
- NIH, NCI: Enhancing Relapse Prevention for Smoking Cessation with rTMS” R21CA178813. Role: Co-Investigator (Subcontract). (9/14-8/16).
- NIH, NIAAA: “The Repair of Self-Control in Alcohol Dependence: Working Memory and Real Time fMRI” R01AA021529. Role: Co-Principal Investigator. (9/13-5/18)
- NIH, OD: “Mentorship and Development Program for Biomedical Trainees” DP7OD018428. Role: Co-Investigator. (9/13-8/18)
- NIH, NIDA: “Neural Correlates of Choices for Impulsive HIV-risk Behavior in Stimulant Dependence” R21DA040559. Role: Co-Investigator. (9/15-8/16)
- NIH, NIAAA: “Remote Alcohol Monitoring to Facilitate Abstinence Reinforcement: Feasibility” R21AA022727. Role: Co-Investigator. (8/14-7/16)
- NIH , NIDA: “The Social Interactome of Recovery: Social Media as Therapy Development” R01DA039456. Role: Principal Investigator. (9/14-8/17)
- NIH, NIDDK: “Delay Discounting as a Target for Self-Regulation in Prediabetes” Role: Co-Principal Investigator.

Approved for funding

- NIH: "Evaluating How Tobacco Control Policies are Shaping the Nicotine Delivery Market" P01CA200512. Role: Co-Principal Investigator and Project 4 Leader (Subcontract). (2/16-8/20)

Pending

- NIH, NIAAA: "Smartphone-delivered Abstinence Incentives and Cognitive Behavioral Therapy to Treat Alcohol Dependence Remotely" R01AA024761. Role: Co- Investigator. (4/16-3/21)

Past

- Medical University of South Carolina: "Experimental Tobacco Marketplace: Development and Pilot Testing" Role: Principal Investigator. (12/13-12/14)
- Virginia Youth Tobacco Projects "The Consequences of Self-Control Failure in Adolescent Smokers" Role: Principal Investigator. (7/13-12/14)
- NIH, NIDA: "Executive Function Therapy for Stimulant Addiction" Role: Principal Investigator. (9/08-6/14)
- NIAAA: "Executive Function Therapy for Stimulant Addiction" (ARRA Supplement). Role: Principal Investigator. (9/09-9/12)
- NIH, NIDA: "Improving Combined Buprenorphine Behavioral Treatment" Role: Principal Investigator (3/00-2/12)
- NIH, NIDA: "The Neuroeconomics of Behavioral Therapies for Adolescent Substance Abuse" Role: Co-Investigator. (4/10-3/13)
- NIH, ARRA: "Comparative Effectiveness of Web-Based vs. Traditional Adolescent HIV Prevention" Role: Consultant. (9/09-9/11)
- NIH, NCR: "Arkansas Center for Clinical and Translational Research" Role: Co-Investigator (7/09-3/14)
- NIH, NIDA: "Computerized Treatment for Marijuana Abuse: Development and Efficacy Testing" Role: Co-Investigator. (9/07-6/11)
- NIH, NIDA: "The Behavioral Economics of Relapse" Role: Principal Investigator. (9/07-6/11, extension)
- NIH: "Translational Training in Addiction" Role: Principal Investigator/Program Director. (7/09-6/14)
- NIH, ARRA: "Computer-Delivered Psychosocial Treatment for Adolescent Substance Use Disorders" Role: Consultant. (9/09-7/11)
- NIH, NIDA (MERIT Award): "Behavioral Economics of Drug Choice" Role: Principal Investigator. (6/90-5/10)
- NIH, NIAAA: "Treatment of Alcoholic Methadone Patients" Role: Principal Investigator. (2/87-1/90)
- NIH, NIDA: "Drug Effects on Repeated Acquisition in Humans" Role: Principal Investigator. (9/87-9/91)

- NIH, NIDA, NIMH: "Benzodiazepine Drug Discrimination in Humans" Role: Principal Investigator. (3/90-2/98)
- NIH, NIDA: "Buprenorphine Pharmacology in Opioid Addiction Treatment" Role: Principal Investigator. (9/90-8/00)
- NIH, NIDA: "Training in Behavioral Pharmacology of Drug Abuse" Role: Principal Investigator. (12/90-8/05)
- Eli Lilly & Company: "A Comparison of the Physiological, Psychomotor, and Self-Reported Effects of LY297802 and a Standard Compound in Humans" Role: Principal Investigator. (8/94-2/95)
- Eli Lilly & Company: "A Comparison of the Physiological, Psychomotor, and Self-Reported Effects of LY303870 and a Standard Compound in Humans" Role: Principal Investigator. (9/95-1/96)
- Astra Pain Control: "The Physiological, Psychomotor, and Self-Reported Effects of Infusion Rate of Intravenously Administered Morphine in Humans" Role: Principal Investigator. (1/99-3/00)
- NIH, NIDA Small Business Technology Transfer Award: "Drug Abuse Prevention: Application of Computer Technology" Role: Principal Investigator. (9/00-8/03)
- UAMS Tobacco Funds: "Smoking and Cancer Protocol" Role: Principal Investigator. (7/07-6/09)
- Catalyst Pharmaceutical Partners: "Vigabatrin for Treatment of Cocaine Dependence: A Phase II Study" Role: Principal Investigator. (3/08-6/09)
- NIH, NIDA: "A Behavioral Intervention for Cocaine Dependence" Role: Investigator. (9/89-8/94)
- NIH, NIDA: "Factors Influencing Human Cocaine Self-administration," Role: Investigator. (2/93-6/02)
- NIH, NIDA: "Caffeine as a Reinforcer in Humans" Role: Investigator. (8/88-7/92)
- NIH, NIDA: "Treating Cocaine Abuse - A Behavioral Approach" Role: Investigator (9/94-8/04)
- NIH, NIDA: "Opiate Antagonist Discrimination: A Model of Withdrawal" Role: Co-Investigator (9/97-11/11)
- NIH, NIDA: "Delay Discounting in Drug Dependence" Role: Co-Investigator. (4/99-2/10)
- Robert Wood Johnson Foundation - conference grant: "The Economic Analysis of Substance Use and Abuse: An Integration of Econometric and Behavioral Economic Research" Role: Co-Organizer. (10/96-9/97)
- Robert Wood Johnson Foundation: "The Futures of Drug Abuse Policy: Scenarios for the 21st Century" Role: Organizer. (10/98 - 9/99)

PUBLICATIONS

Books

1. Bickel, W. K., & DeGrandpre, R. J. (Eds.). (1996). *Drug policy and human nature: Psychological perspectives on the control, prevention and treatment of illicit drug use*. New York: Plenum.
2. Chaloupka, F. J., Grossman, M., Bickel, W. K., & Saffor, M. (Eds.). (1999). *The economic analysis of substance use and abuse: An integration of econometric and behavioral economic research*. Chicago, IL: University of Chicago Press.
3. Bickel, W. K., & Vuchinich, R. E. (Eds.). (2000). *Reframing health behavior change with behavioral economics*. New Jersey: Lawrence Erlbaum Associates.
4. Henningfield, J., Santora, P., & Bickel, W. K. (Eds.). (2007) *Addiction treatment: Science and policy for the twenty-first century*. Baltimore, MD: Johns Hopkins University Press.
5. Madden, G. J., & Bickel, W. K. (Eds.). (2010). *Impulsivity: The behavioral and neurological science of discounting*. Washington, DC: American Psychological Association.

Published Articles and Book Chapters

h-index: 70 (h-index since 2010 = 42) i10-index: 228 (i10-index since 2010 = 149)

https://scholar.google.com/citations?hl=en&user=1PtxPz8AAAAJ&view_op=list_works

Total Citations: >19,131 (>8,424 since 2010)

Most citations for a single article: >1,029 (2nd most cited: >838)

Number of papers cited > 100 times: 46

Highly Cited Paper: Bold citations below indicate as of April 2015, these papers received enough citations to place them in the top 1% of the academic field based on a highly cited threshold for the field and publication year. (*Essential Science Indicatorssm*)

(*Refereed Publications)

- *1. Thorkildsen, R., Bickel, W. K., & Williams, J. G. (1979). A micro-computer video-disc CAI system for the mentally retarded. *Journal of Special Education Technology*, 1, 45-51.
2. Thorkildsen, R., Bickel, W. K., & Williams, J. G. (1979). A micro-computer video-disc package to teach the retarded. *Educational and Industrial Television*, 11, 40-44.
- *3. Noonan, M. J., & Bickel, W.K. (1981). The ethics of experimental design. *Mental Retardation*, 19, 271-274.
- *4. Etzel, B. C., Bickel, W. K., Stella, M. E., & LeBlanc, J.M. (1982). The assessment of problem-solving skills of atypical children. *Analysis and Intervention in Developmental Disabilities*, 2, 187-206.
- *5. Morris, E. K., Higgins, S. T., & Bickel, W. K. (1982). Comments on cognitive science in the experimental analysis of behavior. *The Behavior Analyst*, 5, 109-125.

- *6. Morris, E. K., Higgins, S. T., & Bickel, W.K. (1982). The influence of Kantor's interbehavioral psychology on behavior analysis. *The Behavior Analyst, 5*, 158-173.
7. Morris, E. K., Higgins, S. T., & Bickel, W. K. (1983). Contributions of J. R. Kantor to contemporary behaviorism. In N. W. Smith, P. T. Mountjoy, & D. Ruben (Eds.), *A Radical Reassessment in Psychology: The Interbehavioral Alternative* (Festrift for J. R. Kantor) (pp. 51-89). Washington, DC: University Press of America.
- *8. Bickel, W. K., Stella, M. E., & Etzel, B. C. (1984). A re-evaluation of stimulus overselectivity: Restricted stimulus control or stimulus control hierarchies. *Journal of Autism and Developmental Disorders, 14*, 137-157.
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- *11. Bickel, W. K., Higgins, S. T., & Stitzer, M.L. (1986). Choice of blind methadone dose increases by methadone maintenance patients. *Drug and Alcohol Dependence, 18*, 165-171.
12. Bickel, W. K., Preston, K. L., Bigelow, G. E., & Liebson, I. A. (1986). Three-way drug discrimination in post-addict volunteers: Hydromorphone, pentazocine and saline. In L. S. Harris (Ed.). *Problems of Drug Dependence, 1985. National Institute on Drug Abuse Research Monograph No. 67, DHHS publication No. (ADM) 86-1448*, (pp. 177-183) U.S. Government Printing Office.
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14. Bickel, W. K., Stitzer, M. L., Wazelavek, B. E., & Liebson, I.A. (1986). Naloxone precipitated withdrawal in humans after acute morphine administration. In L.S. Harris (Ed.). *Problems of Drug Dependence, 1985. National Institute on Drug Abuse Research Monograph, No. 67, DHHS publication No. (ADM) 86-1448* (pp. 349-354). U.S. Government Printing Office.
15. Richmond, G., Schroeder, S. R., & Bickel, W. K. (1986). Tertiary prevention of attrition related to self-injurious behavior. In K. D. Gadows (Ed.). *Advances in Learning and Behavioral Disabilities, Vol. 5*. (pp. 97-108). Greenwich, Connecticut: JAI Press.
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338. Bickel, W. K., Snider, S. E., Quisenberry, A. J., Stein, J. S., Hanlon, C. A. (in press) (Invited chapter). Cocaine Addiction in the Light of the Competing Neurobehavioral Decision Systems Theory. In H. Ekhtiari & M. Paulus, Eds. *Progress in Brain Research: Neuroscience for Addiction Medicine: From Prevention to Rehabilitation*.
- *339. Koffarnus, M. N., Franck, C. T., Stein, J. S., Bickel, W. K. (in press). A modified exponential behavioral economic demand model to better describe consumption data. *Experimental and Clinical Psychopharmacology*.
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- *345. Wilson, A. G., Franck, C. T., Koffarnus, M. N., Bickel, W. K. (in press). Behavioral economics of cigarette purchases: Within-subject comparison of real, potentially real, and hypothetical cigarettes. *Nicotine & Tobacco Research*. DOI: 10.1093/ntr/ntv154.

Manuscripts in Preparation/Submitted

1. Bickel, W. K., Franck, C. T., Koffarnus, M. N., Wilson, A. G., Reese, R. C., Carter, A. E., Gatchalian, K. M., Quisenberry, A. J. (under review). An internet-acquired recovery sample: A descriptive study from the International Quit & Recovery Registry. *Journal of Substance Abuse Treatment*.

2. Daniel, T. O., Sawyer, A., Dong, Y., Bickel, W. K., Epstein, L. H. (in revision). Remembering versus Imagining: When do past and future thinking aid decision making?
3. Quisenberry, A. J., Koffarnus, M. N., Hatz, L., Bickel, W. K. (under review). The experimental tobacco marketplace: Substitutability as a function of the price of conventional cigarettes. *Nicotine and Tobacco Research*.
4. Oliveto, A. H., McGaugh, J., Chopra, M., Thostenson, J., Guise, J. B., Williams, D. K., Cargile, C. S., Sanders, N., Bickel, W. K., Mancino, M. J. (under review). Efficacy and tolerability of disulfiram at higher doses for the treatment of cocaine dependence. *Drug and Alcohol Dependence*.
5. Moody, L., Franck, C. T., Hatz, L., Bickel, W. K. (under review). Impulsivity and polysubstance use: A systematic comparison of delay discounting in mono, dual, and tri-substance use. *Experimental & Clinical Psychopharmacology*.
6. Otto, M. W., Eastman, A., Lo, S., Hearon, B. A., Bickel, W. K., Zvolensky, M., Smits, J., Doan, S. N. (under review). Anxiety Sensitivity and Working Memory Capacity: Risk Factors and Targets for Health Behavior Promotion. *Clinical Psychology Review*.
7. Stein, J., Wilson, A. G., Koffarnus, M. N., Judd, M. C., Bickel, W. K. (under review). Naturalistic assessment of demand for cigarettes, snus, and nicotine gum. *Nicotine and Tobacco Research*.
8. Snider, S. E., Quisenberry, A. J., Bickel, W. K. (under review). The absence of an effect: Rate dependent relationships revealed. *Behavioural Processes – Special Issue*.

Published Abstracts

List available upon request.

INVITED PRESENTATIONS AND SYMPOSIA

1. Bickel, W.K., Stella, M.E., and Etzel, B.C. Hypothesis and stimulus control: The assessment and control of children's inferences. In B.C. Etzel (Chair), Education assessment and intervention for difficult-to-teach children. Invited symposium presented at the annual meeting of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1981.
2. Morris, E.K., Higgins, S.T., and Bickel, W.K. The influence of Kantor's interbehavioral psychology on behavior analysis. In E.K. Morris (Chair), The relevance of interbehavioral psychology for behavioral research. Invited symposium presented at the annual meeting of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1981.
3. Morris, E.K., Higgins, S.T., and Bickel, W.K. Cogniphilia and cogniphobia in the behavioral sciences: Comments on cognitive science in the experimental analysis of behavior. Invited paper presented at the annual meeting of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1982.
4. Richmond, G., Schroeder, S.R., and Bickel, W.K. Tertiary prevention of attrition related to self-injurious behavior. Invited paper presented at the Self-Injurious Behavior Conference, Kansas City, KN, February 1984.
5. Schroeder, S.R., Bickel, W.K., and Richmond, G. Primary and secondary prevention of self-injurious behaviors: A life-long problem. Invited paper presented at the Self-Injurious Behavior Conference, Kansas City, KN, February 1984.

6. Bickel, W.K., Conley, R., Gualtieri, C.T., Hicks, R.A., Levitt, J., and Schroeder, S.R. Psychomotor stimulants, stress-induced chemotherapy, and their effects on the behavior of the developmentally disabled. In S.T. Higgins (Chair), *The relevance of basic research in behavioral pharmacology to clinical issues*. Invited symposium presented at the annual meeting of the Association for Behavior Analysis (ABA), Nashville, TN, May 1984.
7. Bickel, W.K. Theoretical perspectives in the analysis of stimulus control. In W. K. Bickel (Chair), *Stimulus control: Continuity or discontinuity? Views from the study of interceptive and exereceptive stimuli*. Invited symposium presented at the annual meeting of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1986.
8. Preston, K.L., Bigelow, G.E., and Bickel, W.K. Opioid discrimination in dependent and non-dependent human volunteers. In K.L. Preston (Chair), *Drug discrimination studies: Methodologies and applications in humans and nonhuman subjects*. Invited symposium presented at the annual meeting of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1986.
9. Stitzer, M.L. and Bickel, W.K. Dosage contingencies in methadone maintenance patients: Effects on illicit drug use. In S.T. Higgins (Chair), *Aversive control of human and nonhuman behavior: Drug effects and other relevant issues*. Invited symposium presented at the annual meetings of the Association for Behavior Analysis (ABA), Milwaukee, WI, May 1986.
10. Bickel, W.K. and Kelly, T.H. The relation of stimulus control to the treatment of substance abuse. In B. Ray (Chair), *Learning factors in substance abuse*. National Institute on Drug Abuse technical review meeting, Bethesda, MD, November 1986.
11. Bickel, W.K. and Kelly, T.H. The relation of stimulus control to drug self-administration and the treatment of substance abuse. Invited address presented at the annual meeting of the Association for Behavior Analysis (ABA), Nashville, TN, May 1987.
12. Bickel, W.K. and Higgins, S.T. Acquisition and performance of response chains: Modulation by environmental and pharmacological factors. Invited address presented at the annual meeting of the Association for Behavior Analysis (ABA), Philadelphia, PA, May 1988.
13. Hughes, J.R., Higgins, S.T., and Bickel, W.K. Real estate in behavioral analysis: Reinforcing "properties" of stimuli. Invited address presented at the annual meeting of the Association for Behavior Analysis (ABA), Philadelphia, PA, May 1988.
14. Bickel, W.K. Drug effects on the acquisition and performance of response chains. Young Psychopharmacologist Address, presentation at the annual meeting of the American Psychological Association (APA), August 1988.
15. Bickel, W.K., Hughes, J.R., Rizzuto, P., and Higgins, S.T. Self-administration of caffeine and nicotine relative to cost. Caffeine Symposium interactive effects of caffeine and other physiological pharmacological, and psychopathological states. University of Oklahoma Health Sciences Center, Oklahoma City, OK, March 1989.
16. Bickel, W.K., Higgins, S.T., and Hughes, J.R. Development of repeated acquisition methodologies to detect drug-induced disruption in human learning. *Drugs in the workplace: Research and Evaluation Data*, National Institute on Drug Abuse, September 1989.
17. Bickel, W.K., DeGrandpre, R.J., Hughes, J.R., and Higgins, S.T. Behavioral economics of drug self-administration. Invited address, Institute of Psychiatry, London, England, November 1990.

18. Bickel, W.K., DeGrandpre, R.J., Hughes, J.R., and Higgins, S.T. Opportunity cost: A factor controlling choice of drug reinforcers. In W.K. Bickel (Chair), Behavior in excess and choice: The role of behavioral economics. Invited symposium presented at the annual meeting of the American Psychological Association (APA), Boston, MA, August 1990.
19. Bickel, W.K. and DeGrandpre, R. J. Econometric analysis of the behavioral effects of addictive drugs. In J.E. Villarreal (Chair), International symposium on drug dependence: From the Molecular to the Social Level. Invited address, Military Medical School, Mexico City, Mexico, January 1991.
20. Bickel, W.K. Opioid dependence and its treatment. Invited address presented at the Annual Meeting of the Vermont Bar Association, Vergennes, VT, September 1991.
21. Bickel, W.K. Choice, consumption, and schedule completions: considering the dependent measure in the behavioral economics of drug reinforcement. Presented at the 20th Annual Convention of the Association for Behavior Analysis (ABA), Atlanta, GA, May 1994.
22. Bickel, W.K. and Smith, B. Drug cues as indices of "subjective states": A critical review. Presented at the European Behavioural Pharmacology Society (EBPS) in Berlin, Germany, September 1994.
23. Bickel, W.K. Relative abuse liability: Behavioral determinants. Presented at the European Behavioural Pharmacology Society (EBPS) in Berlin, Germany, September 1994.
24. Bickel, W.K. Reexamining reinforcer efficacy: Methods, measures and metrics. Invited speaker to the International Study Group Investigating Drugs as Reinforcers (ISGIDAR) Annual Meeting in Scottsdale, AZ, June 1995.
25. Bickel, W.K. Behavioral economics of addiction. Invited speaker to the Annual Meeting of the Cambridge Center for Behavioral Studies, Cambridge, MA, August 1995.
26. Bickel, W.K. and Madden G.J. The behavioral economics of smoking. In W.K. Bickel, F.J. Chaloupka, M. Grossman and H. Saffer (Chairs), The economic analysis of substance use and abuse: an integration of econometric and behavioral economic research. Invited presentation at the National Bureau of Economic Research Conference (NBER), in Cambridge, MA, March 1997.
27. Bickel, W.K. Alternative nicotine delivery systems: Harm reduction and public health. Invited discussant on policy panel at the Alternative Nicotine Delivery Systems Conference, in Toronto, Ontario, Canada, March 1997.
28. Bickel, W.K., and Petry, N. Behavioral economic analysis of polydrug abuse in heroin addicts. In W.K. Bickel, F.J. Chaloupka, M. Grossman and H. Saffer (Chairs), The Economic Analysis of Substance Use and Abuse: An Integration of Econometric and Behavioral Economic Research. Invited presentation at the National Bureau of Economic Research (NBER) Conference, in Cambridge, MA, March 1997.
29. Bickel, W.K. and Smith, B.J. The novel-response procedure: Consequences and implications. Invited paper presentation at the 105th annual convention of the American Psychological Association (APA) in Chicago, IL, August 1997.
30. Bickel, W.K. The price of change: Behavioral economics of drug dependence. Invited presentation, National Institute on Drug Abuse Workshop: Behavioral Therapy Development and Psychological Science - Part II, in Rockville, MD, September 1997.

31. Bickel, W.K. The price of change: Behavioral economics of drug dependence. Invited presentation at the University of New Hampshire, Durham, NH, October 1997.
32. Bickel, W.K. The price of change: Behavioral economics of drug dependence. Invited presentation at the Institute for Advanced Behavioral Studies, Stanford, CA, December 1997.
33. Bickel, W.K. The price of change: Behavioral economics of drug dependence. Invited presentation at the University of Connecticut Health Center, Farmington, CT, March 1998.
34. Bickel, W.K. Heroin clinical trials: Buprenorphine and community reinforcement approach with contingent incentives. Invited presentation in the NIDA Treatment Work Group workshop, "Integration of Pharmacological and Behavioral Treatments in Clinical Trials for the Addictions" at the 38th Annual Meeting for the New Clinical Drug Evaluation Unit Program (NCDEU) in Boca Raton, FL, June 1998.
35. Bickel, W.K., Madden, G.J., and Jacobs, E. E pluribus unum or E unum pluribus? Reinforcement and its measurement. Invited presentation at the International Study Group Investigating Drugs as Reinforcers (ISGIDAR) in Scottsdale, AZ, June 1998.
36. Bickel, W.K. and Smith, B.J. The novel response procedure in humans. Invited presentation at Fifth International Meeting on Drug Discrimination in Behavioural Neuroscience in Beerse, Belgium, August 1998.
37. Smith, B.J. and Bickel, W.K. Effects of midazolam and caffeine in human flumazenil discriminators. Invited presentation at the Fifth International Meeting on Drug Discrimination in Behavioural Neuroscience in Beerse, Belgium, August 1998.
38. Bickel, W.K. The tyranny of small decisions. Invited presentation at Hopkins Bayview Research Campus in Baltimore, MD, February 1999.
39. Bickel, W.K. The practice of psychology in 2020. Invited keynote speaker at the 14th Midwinter Meeting, "Predicting the Future of Psychology and its Impact on Regulation," for the Association of State and Provincial and Psychology Boards (ASPPB) in Savannah, GA, March 1999.
40. Bickel, W.K. Needle-sharing in heroin addicts: An underlying psychological process. Invited presentation in a NIDA symposium, "Drug Abuse and AIDS: Intertwined Epidemics" in Ottawa, Canada, July 1999.
41. Bickel, W.K. Tyranny of small decisions: Cultural determinants of temporal myopia. Invited address at the 107th annual American Psychological Association (APA) in Boston, MA, August 1999.
42. Bickel, W.K. The economics of the reinforcing effects of drugs. Invited participation in symposium (C.R. Schuster, Chair), "The application of behavioral interventions in the management of substance abuse" at the Annual Behavioral Pharmacology Society (BPS) meeting in Boston, MA, September 1999.
43. Bickel, W.K. Behavioral economics of drug self-administration: Applications to reinforcing efficacy. Invited grand rounds presentation at the New England Regional Primate Research Center in Southborough, MA, March 2000.
44. Bickel, W.K., and C.R. Schuster (Chairs). Symposium, Causal analysis: Introduction and overview. Symposium held at the 62nd Annual Scientific Meeting of the College on Problems

of Drug Dependence in San Juan, Puerto Rico, June 2000.

45. Bickel, W.K. Impulsivity in the drug-dependent: Application of delay discounting procedures. Invited participation in symposium (F. van Haaren and P.J. Bushnell, Chairs), "Impulsivity: Precursor to and sequel of toxicant exposure" at the annual meeting of the Behavioral Toxicology Society, in Palm Beach, FL, June 2000.
46. Bickel, W.K. Addiction Journal Editors' Group. Invited participation as editor of *Experimental and Clinical Psychopharmacology*, chaired a session, "Taking Stock" held in Krakow, Poland, July 2000.
47. Bickel, W.K., and Marsch, L.A. Applying computer-based systems to drug abuse prevention. Invited participation in the Small Business Innovative Research (SBIR) Showcase sponsored by the National Institute on Drug Abuse SBIR Workgroup held in Rockville, MD, September 2000.
48. Bickel, W.K. The treatment of opioid dependence: contemporary status. Invited participation in workshop sponsored by the Vermont Department of Health, "1999 Vermont Substance Abuse Conference, 'The Second Century' in Rutland, VT, October 2000.
49. Bickel, W.K., and Marsch, L.A. Methadone and other addiction medications. Invited participation in workshop sponsored by NIDA/NIAAA/NAADA/ATTC-NE conference in Nashua, NH, November 2000.
50. Bickel, W.K. Junkie time: Pathological behavior as the interaction of evolutionary and cultural forces. Visiting Professor Lectures series at the Oklahoma Center for Alcohol & Drug-Related Studies, Oklahoma City, OK, March 2001.
51. Bickel, W.K. Behavioral economics of drug dependence: Contemporary status. Visiting Professor Lectures series at the Oklahoma Center for Alcohol & Drug-Related Studies, Oklahoma City, OK, March 2001.
52. Bickel, W.K. Pharmacology of buprenorphine: How it works; what makes it different clinically. Invited participation in symposium (H. W. Clark and M. Galanter, Organizers) "Buprenorphine in office-based treatment of Opioid dependence" at the 32nd annual meeting of the American Society of Addiction Medicine (ASAM) in Los Angeles, CA, April 2001.
53. Bickel, W.K. Reframing behavioral mechanisms with behavioral economics. Invited participation in symposium (J.M. Marr, Chair) "Behavioral Mechanisms of Drug Action-A Viable Approach?" at the 109th annual American Psychological Association (APA) in San Francisco, CA August 2001.
54. Bickel, W.K. Discounting: A behavioral mechanism of drug dependence. F.A. Holloway, (Chair) Presidential Address for Divisions 28, 3, 25, 50 at the 110th annual American Psychological Association (APA) in Chicago, Illinois, August 2002.
55. Bickel, W. K. Computer-based drug abuse prevention for adolescents: A multi-site evaluation. Invited speaker held by RAND Corporation, Santa Monica, CA, September, 2003.
56. Bickel, W. K. The known and the unknown in drug dependence. "The known and the unknown: Brain, behavior, reinforcement, and treatment." Participated in Panel with the National Institute on Drug Abuse (NIDA) *Neurobiology of Treatment: Recovery of Brain Structure and Function Through Behavioral Treatments Meeting*, Miami, Florida, October, 2003.
57. Bickel, W.K., Reframing addiction with behavioral economics: Delay discounting. Presented in Session: The Neurobiology of Addiction and Its Implications for Treatment, Reward and Reinforcement (Banys, P. and Gorelick, D.A., Moderators) Sponsored by the American Society of Addiction Medicine

in cooperation with the Center for Substance Abuse Prevention, National Institute on Alcohol Abuse and Alcoholism and the National Institute on Drug Abuse. Washington, DC, October, 2003.

58. Bickel, W. K., Operant learning and dynamic systems. Invited speaker. Held by Conference on Approaches for Combating the Troublesome Use of Substances (CACTUS), Albuquerque, NM, October, 2004.
59. Bickel, W. K., Identifying behavioral mechanisms of drug dependence: discounting of delayed reinforcers as an exemplar. Invited speaker. Held by Behavioral Economics Conference, Philadelphia, PA, October, 2004
60. Bickel, W. K., Behavioral economics analysis of drug demand. Invited speaker. Conference On Economics and Behavior, held by National Institute on Drug Abuse, Bethesda, MA, October, 2004.
61. Bickel, W.K., Marsch, L.A., Computerized therapy and prevention: initial studies and demonstration. Presented at the conference e-Therapy, Telehealth, Telepsychiatry and Beyond. SAMSHA Conference, November 29-30, 2004.
62. Bickel, W.K. Served as Session Leader. Greater Little Rock Leadership Session. UAMS, Stephens' Spine Center, Little Rock, AR. March 23, 2006.
63. Bickel, W.K. Served as Research Breakout Session Leader. UAMS Chancellor's Retreat. Little Rock, AR. March 29, 2006.
64. Bickel, W.K. Conducting transdisciplinary research in addictions. Oral presentation at the Annual Addiction Studies Guest Lecture, University of Arkansas at Pine Bluff. Pine Bluff, AR, April 25, 2006.
65. Bickel, W.K., Yi, R., Gatchalian, K., Lindquist, D., & Kowal, B. Discounting of past rewards: Comparison of cigarette smokers and controls. Presentation at the Society for the Quantitative Analyses of Behavior (SQAB) 29th Annual Meeting. Atlanta, Georgia, May 26, 2006.
66. Bickel, W.K. Situating addiction: Interaction of brain behavior, development, and evolution. Oral presentation at the American Psychological Association Annual Meeting. New Orleans, Louisiana, August 12, 2006.
67. Bickel, W.K. The tyranny of small decisions. Oral presentation at the Addiction Health Services Research (AHSR) 2006 Conference. Little Rock, Arkansas, October 23, 2006.
68. Bickel, W.K. The tyranny of small decisions. Oral presentation to the Little Rock Downtown Rotary – Club 99. Little Rock, Arkansas. November 14, 2006.
69. Bickel, W.K. The tyranny of small decisions. Oral presentation at the Central Arkansas Chapter of Sigma Xi, The Scientific Research Society, Fall Banquet. Little Rock, Arkansas. November 16, 2006.
70. Bickel, W.K., Yi, R., Gatchalian, K.M., Landes, R., Kowal, B. Cigarette smokers discount the past more than controls. Poster presentation at the Society for Research on Nicotine and Tobacco Conference. Austin, Texas. February 23, 2007.
71. Bickel, W.K. Tyranny of small decisions: Biology, culture and pathology. Oral presentation at the University of Texas Medical Branch. Galveston, Texas. March 9, 2007.

72. Bickel, W.K. The new science of addiction. Arkansas Statewide Drug Court Conference. Little Rock, Arkansas. March 23, 2007.
73. Bickel, W.K., & Yi, R. Intertemporal choice in human behavioral pharmacology. Behavior Pharmacology Society Annual Meeting. Washington, DC. April 28, 2007.
74. Bickel, W.K. Executive System dysfunction: The silent other half of addictive processes. Birmingham Addiction Conference. Birmingham, Alabama. May 5, 2007.
75. Bickel, W.K. Addiction and impulsivity: Recent findings and new concepts. Drug Abuse and Cognition Conference, Columbia University. New York, New York. September 7, 2007.
76. Bickel, W.K. How might we improve substance abuse treatment? A conceptual analysis and proposal. University of Michigan Substance Abuse Fall Symposium. Ann Arbor, Michigan. October 10, 2007.
77. Bickel, W.K. Tyranny of small decisions: Biology, culture, and pathology. University of Mississippi Medical Center, Annual Research Day. Jackson, Mississippi. November 14, 2007.
78. Bickel, W.K. Tyranny of small decisions: Biology, culture, and pathology. Arkansas Department of Health and Human Services, Division of Health, Public Health Grand Rounds. Little Rock, Arkansas. December 6, 2007.
79. Bickel, W.K. Tyranny of small decisions: Biology, culture, and pathology. Medical University of South Carolina, Addiction Research Seminar. Charleston, South Carolina. February 21, 2008.
80. Bickel, W.K. Understanding addiction in four dimensions. University of Central Arkansas Psi Chi Induction. Conway, Arkansas. March 13, 2008.
81. Bickel, W.K. Executive function and risky choice among women smokers. CPDD Special Conference, Women and Smoking. Annapolis, Maryland. April 10, 2008.
82. Bickel, W.K. Escaping the tyranny of small decisions: A proposal. NIH, Mechanisms of Behavior Change. Bethesda, Maryland. April 16, 2008.
83. Bickel, W.K. Cognitive dysfunction in substance dependence: Types of deficits and their possible modulation. American Psychiatric Association Annual Meeting, Washington, DC. May 8, 2008.
84. Bickel, W.K. Behavioral economics of nicotine addiction: Discounting and impulsive Processes. Dual Diagnosis Conference, Indianapolis, Indiana. June 13, 2008.
85. Bickel, W.K. Information technology as a means to treat addiction. University of Arkansas for Medical Sciences, Tailored Biobehavioral Intervention Center Research Seminar. Little Rock, AR. September 5, 2008.
86. Bickel, W.K. Towards the analysis of trans-disease processes: Tyranny of small decisions as an exemplar. University of Arkansas for Medical Sciences, Winthrop P. Rockefeller Cancer Institute Forum. Little Rock, AR. October 20, 2008.
87. Bickel, W.K. Tyranny of small decisions: Biology, culture, and pathology. University of Arkansas Clinton School of Public Service, Distinguished Speakers Series. Little Rock, AR. November 17, 2008.

88. Bickel, W.K. Behavioral and neuro economics speaks to drug abuse policy: Suboptimal decisions and their melioration. International Society of Addiction Medicine. Cape Town, South Africa. November 19, 2008.
89. Bickel, W.K. Towards the study of trans-disease processes: Reframing the SES gradient. Tobacco and Young, Low-SES Women: Federal Collaboration to Make a Difference. The Future Research Panel. Washington, DC. December 1, 2008.
90. Bickel, W.K. Informational technologies as a new treatment paradigm: Findings from the Therapeutic Educational System (TES). National Institute on Drug Abuse's Addressing Substance Abuse and Comorbidities among Military Personnel, Veterans, and their Families: A Research Agenda Meeting. Bethesda, MD. January 7, 2009.
91. Bickel, W.K. Invited expert to the National Institute of Health Science of Behavior Change Planning Meeting. Washington, D.C. February 16-18, 2009.
92. Bickel, W.K. The tyranny of small decisions. University of Arkansas for Medical Sciences - Rural Hospital Program. Little Rock, AR. March 4, 2009.
93. Bickel, W.K. The tyranny of small decisions. Mini-symposium at the Michigan State University, Department of Epidemiology. East Lansing, MI. March 20, 2009.
94. Bickel, W.K. The tyranny of small decisions. College of Pharmacy Seminar Lecture Series, University of Arkansas for Medical Sciences. Little Rock, AR. April 3, 2009.
95. Bickel, W.K. Trans-disease processes underlying health risky behavior: A new paradigm. Internal Medicine Grand Rounds, University of Arkansas for Medical Sciences. Little Rock, AR. October 1, 2009.
96. Bickel, W.K. Tyranny of small decisions: Biology, culture, and pathology. Arkansas Department of Health's County Health Officers Symposium. Morrilton, AR. October 4, 2009.
97. Bickel, W.K. Tyranny of small decisions: Biology, culture, and the fate of our society. UAMS-College of Medicine's Dean's Distinguished Faculty Lectureship Award. Little Rock, AR. October 7, 2009.
98. Bickel, W.K. Trans-disease processes underlying health risky behavior: A new paradigm. Arkansas Department of Health's Public Health Grand Rounds. Little Rock, AR. October 29, 2009.
99. Bickel, W.K. Behavioral economics and behavioral change. University of Michigan, School of Public Health's Applying Complex Systems Approaches to the Processes of Behavior Change - A First Conversation.. Ann Arbor, MI. January 29, 2010.
100. Bickel, W.K. The tyranny of small decisions: A trans-disease process. University of Massachusetts Medical School Grand Rounds. Worcester, MA. April 8, 2010.
101. Bickel, W.K. Intertemporal choice and its modification: Current status. University of Minnesota's Center for the Study of Impulsivity in Addiction (CSIA) Seminar. Minneapolis, MN. April 13, 2010.
102. Bickel, W.K. Reducing smoking: Come as you are! University of Arkansas for Medical Sciences, Perinatal Conference. Little Rock, AR. May 7, 2010.
103. Bickel, W.K. Trans-disease processes underlying health risky behavior: A new paradigm. Interdisciplinary Research Training Institute on Dispanic Drug Abuse (IRTI). Session/workshop. Houston, TX. June 4, 2010.

104. Bickel, W.K. Poster Presentation: Inter-temporal choice of cocaine addicts: Single and cross commodity discounting of cocaine and money. College on Problem of Drug Dependency (CPDD) 72nd Annual Scientific Meeting, Scottsdale, AZ. June 14, 2010.
105. Budney, A.J., Fearer, S.A., Stanger, C., Costello, P.L., Walker, D., Bickel, W.K. Computerized delivery of MET/CBT for cannabis-use disorders. American Psychological Association, San Diego, CA. August 13, 2010.
106. Bickel, W.K. Excessive discounting of the future as a trans-disease process. Johns Hopkins University Department of Psychiatry/Behavioral Pharmacology Research Unit (BPRU) Seminar, Baltimore, MD. September 15, 2010.
107. Bickel, W.K. Sustaining behavioral change. 2010 State of the Science Congress on Nursing Research (CANS). Plenary Session. Washington, D.C. September 28, 2010.
108. Bickel, W.K. Behavioral economics, 28th Annual Scientific Meeting – Obesity 2010. San Diego, CA. October 9, 2010.
109. Bickel, W.K. The tyranny of small decisions: Addiction and other health behaviors. American Bar Association. Little Rock, AR. October 14, 2010.
110. Bickel, W.K., Pitcock, J.A. Overlapping neural activation in delay discounting and working memory: A meta-analysis. Society of Neuroeconomics Conference, Evanston, IL. Poster presentation. October 16, 2010.
111. Bickel, W.K. Information technology as a means to treat alcoholism and addiction. 13th Annual Fundamentals of Addiction Medicine. Marysville, WA. March 3, 2011.
112. Bickel, W.K. Excessive discounting of the future as a trans-disease process. Duke Institute for Brain Sciences. Addiction Research Group Seminar Series. Durham, NC. March 15, 2011.
113. Bickel, W.K. Competing neurobehavioral decision systems view of addiction and other health behaviors. Association for Behavior Analysis International. Behavioral Economics Conference. Chicago, IL. March 26, 2011.
114. Bickel, W.K. Tyranny of small decisions: Addiction and health behavior. Invited colloquia speaker. Texas A&M University. College Station, TX. April 20, 2011.
115. Bickel, W.K. Excessive discounting as a trans-disease process. Invited colloquia speaker, Department of Psychology Faculty and Graduate Students. Texas A&M University. College Station, TX. April 20, 2011.
116. Bickel, W.K. Excessive discounting of the future as a trans-disease process. Fourth Annual Carilion Clinic Research Day. Virginia Tech Carilion School of Medicine. Roanoke, VA. May 12, 2011.
117. Bickel, W.K. Decision making and addictions: Neurobiology and treatment implications. American Psychiatric Association 2011 Annual Meeting. Honolulu, Hawaii. May 15, 2011.
118. Bickel, W.K. Remember the future: Working memory training decreases delay discounting among stimulant addicts. University of North Carolina at Chapel Hill. June 2, 2011.

119. Bickel, W. K. Excessive discounting of the future: A trans-disease process. Neuroeconomics Seminar. New York University. New York, NY. September 13, 2011.
120. Bickel, W. K. Self-control failure and its repair: A trans-disease process. NIH/ORBIT Meeting. Bethesda, MD. October 18, 2011.
121. Bickel, W. K., Koffarnus, M. N. Excessive discounting of the future as a trans-disease process. The Gerontological Society of America Annual Meeting. Boston, MA, November 19, 2011.
122. Bickel, W. K. The tyranny of small decisions. Valkenberg Psychiatric Hospital. Cape Town, South Africa. January 24, 2012.
123. Bickel, W. K. Self-control failure and its repair: Trans-disease processes. University of Cape Town. Cape Town, South Africa. January 25, 2012.
124. Bickel, W. K. The Continuum from impulsivity to self-control as a candidate biomarker for addiction. Addiction Seminar, Medical University of South Carolina. Charleston, SC. March 15, 2012.
125. Bickel, W. K. Self-control failure and its repair. Psychiatry Grand Rounds, Medical University of South Carolina. Charleston, SC. March 16, 2012.
126. Bickel, W. K. Self-control failure as a trans-disease process: Competing decision systems and their repair. APA Distinguished Speaker – Rocky Mountain Psychological Association Conference. Reno, NV. April 12-14, 2012.
127. Bickel, W. K. Addictive processes and pathophysiology. Binge-Eating Disorder Workshop. Bethesda, MD. April 19, 2012.
128. Bickel, W. K. Excessive discounting, a form of impulsivity as a biomarker and therapeutic target. Addiction and Impulsive Decision-Making Workshop – University of British Columbia. Vancouver, British Columbia. June 6, 2012.
129. Bickel, W. K. Excessive discounting, a form of impulsivity, as a biomarker and therapeutic target. Research Society on Alcoholism (RSA) – Mechanism of Change Satellite Conference. San Francisco, CA. June 23, 2012.
130. Bickel, W. K. Self-control failure and its repair. APA Annual Convention - (Brady-Schuster Award. Orlando, FL. August 2, 2012.
131. Bickel, W. K. Competing neuro-behavioral decisions systems view of addiction. APA Annual Convention - Presidential Address. Orlando, FL. August 3, 2012.
132. Bickel, W. K. Altruism in time: social temporal discounting differentiates smokers from problem drinkers. APA Annual Convention. Orlando, FL. August 4, 2012.
133. Bickel, W. K. Self-control failure and its repair: Trans-disease processes. McLean Imaging Center, McLean Hospital, Harvard – Neuroscience Seminar. Belmont, MA. October 23, 2012.
134. Bickel, W. K. The Competing neurobehavioral decision systems view of addiction. University of Kentucky – CDART Seminar. Lexington, KY. November 5, 2012.
135. Bickel, W. K. The repair of self-control. City College of New York. New York, NY. January 31, 2013.

136. Bickel, W. K. Repairing self-control failure in addiction. Entertainment Software and Cognitive Neurotherapeutics Society Conference. Los Angeles, CA. March 16, 2013.
137. Bickel, W. K. Self-control failure and its repair. Basic Behavioral Science – Research in Obesity Meeting. NIH – National Institute of Diabetes and Digestive and Kidney Diseases. Bethesda, MD. April 24, 2013.
138. Bickel, W. K. Self-control failure and its repair in addiction. Behavioral Social Neuroscience Seminar Series. CalTech Brain, Mind & Society Seminar. Pasedena, CA. May 2, 2013.
139. Bickel, W. K. Impulsivity and its repair. 9th Annual Scientific Meeting of the International Society for Research on Impulsivity (InSRI). San Francisco, CA. May 15, 2013.
140. Bickel, W. K. Self-control failure and its repair: Trans-disease processes. NIDA - Division of Clinical Neuroscience & Behavioral Research Speaker Series. Bethesda, MD. May 29, 2013.
141. Bickel, W. K. Self-control failure in addiction and its repair. Annual Scientific Trainee Retreat. University of Vermont. Burlington, VT. July 16, 2013.
142. Bickel, W. K. Delay discounting, impulsivity, and executive functions in relation to addictions. Behavior Change, Health, and Health Disparities Conference. Burlington, VT. September 26, 2013.
143. Bickel, W. K. Repairing self-control failure in addiction. Drug Abuse Seminar, Virginia Commonwealth University. Richmond, VA. October 29, 2013.
144. Bickel, W. K. Repairing self-control failure in addiction. Grand Rounds, Vanderbilt University. Nashville, TN. November 8, 2013.
145. Bickel, W. K. Evaluation of modified risk tobacco products. Society for Research on Nicotine and Tobacco, Symposia. February 8, 2014.
146. Bickel, W. K. The consequences of self-control failure in adolescent smokers. Virginia Commonwealth University. February 27, 2014.
147. Bickel, W. K. Paradigm change in the science of behavior: A case study. University of Kansas. March 28, 2014.
148. Bickel, W. K. Repairing self-control failure in addiction. Indiana University Perdue University-Indianapolis. Indianapolis, IN. April 11, 2014.
149. Bickel, W. K. Self-control failure as a trans-disease process. ACRP 2014 Global Conference & Exhibition, Association of Clinical Research Professionals. San Antonio, TX. April 28, 2014.
150. Bickel, W. K. Self-control failure and its repair: Trans-disease processes. Johns Hopkins – Behavioral Pharmacology Research Unit. Baltimore, MD. May 27, 2014.
151. Bickel, W. K. The immediacy bias in human affairs. LEAD Virginia 2014 Alumni Conference. Hot Springs, VA. October 3, 2014.
152. Bickel, W. K. Self-control failure: Trans-disease processes. Virginia Tech Presidential Installation Ceremonies. Blacksburg, VA. October 18, 2014.

153. Bickel, W. K. From research to applied policy: Protection during adolescence. The Marijuana Summit – A Conversation in the Commonwealth. Roanoke, VA. November 3, 2014.
154. Sheffer, C., Mennemeier, M., Bickel, W. K. Neuromodulation of delay discounting: implications for developing a model of and interventions for addictive decision-making. In special symposium entitled: Updates in clinical applications for TMS. NYC Neuromodulation Conference, New York, NY, January 9-11, 2015.
155. Bickel, W. K. The Consequences of self-control failure in adolescent smokers. Virginia Youth Tobacco Projects Research Coalition Meeting. Richmond, VA. January 8, 2015.
156. Bickel, W. K. Self-control failure in addiction and its repair. Cancer Prevention and Control Grand Rounds. M.D. Anderson Cancer Center. Houston, TX. January 23, 2015.
157. Bickel, W. K. Using cognitive science to improve behavioral treatment for persons with substance use disorders. International Convention of Psychological Science. Amsterdam. March 13, 2015.
158. Bickel, W. K., Moody, L., Quisenberry, A. J. (poster presentation). Reinforcement pathology: Comparisons among polysubstance users. Enhancing Collaborative Research on Addiction (CRAN) Workshop. Rockville, MD. May 2015.
159. Bickel, W. K. A quantitative signature of change in delay discounting. Society for the Quantitative Analyses of Behavior Annual Meeting. San Antonio, TX. May 23, 2015.
160. Bickel, W. K. Toward a new science of psychopathology: Trans-disease processes. Association for Behavioral Analysis International. San Antonio, TX. May 24, 2015.
161. Bickel, W. K., Quisenberry, A. J., Snider, S. E., Stein, J. S. (poster presentation). Valuing the future: Pathways to recovery. Consortium of Social Science Associations. Washington, D.C. June 24, 2015.
162. Bickel, W. K., Quisenberry, A. J., Snider, S. E., Stein, J. S. (poster presentation). Valuing the future: Pathways to recovery (poster presentation). 20th Anniversary – Office of Behavioral and Social Sciences Research, National Institutes of Health. Bethesda, MD. June 25, 2015.
163. Bickel, W. K. A Trans-diagnostic approach to preventing and treating behavioral dysfunction (Invited Keynote Address). Academy of Behavioral Medicine Research. Cambridge, MD. June 25, 2015.
164. Koffarnus, M. N, Bickel, W. K. Behavioral Economic demand of e-cigarettes as a function of flavor and nicotine absorption. Center for the Study of Tobacco Products Executive Committee Meeting, Virginia Commonwealth University. Richmond, VA. July 8, 2015.
165. Bickel, W. K. A trans-diagnostic approach to treating self-control failure. West Virginia University Department of Behavioral Medicine and Psychiatry Grand Rounds. Morgantown, WV. September 16, 2015.
166. Bickel, W. K. Some current dimensions of the behavioral economics of health behavior change. Vermont Center on Behavior and Health Third Annual Retreat. Burlington, VT. October 1, 2015.
167. Bickel, W. K. A trans-diagnostic approach to treating self-control failure. New York University Colloquium in Neuroeconomics. New York, NY. October 27, 2015.
168. Bickel, W. K. A trans-diagnostic approach to treating self-control failure. Medical University of South Carolina. Charleston, SC. November 17, 2015.

169. Bickel, W. K. Translational studies in addiction: Imaging and network analysis. Medical University of South Carolina. Charleston, SC. December 17, 2015.

PRESENTATIONS

Presentations listed for past 2 years. A complete listing is available upon request.

1. Wilson, A. G., Hill, P. F., Koffarnus M. N., Bickel, W. K. The effect of variable economic conditions on tobacco demand (poster presentation). Central Virginia Society for Neuroscience Symposium. Roanoke, VA. March 8, 2013.
2. Bickel, W. K. Behavioral Economic Perspectives on Addiction – “Delay discounting as a measure of self- control: Trans-disease processes.” APA Collaborative Perspectives on Addiction. Atlanta, GA. May 4, 2013.
3. Moody, L., Franck, C., Jarmolowicz, D. R., Mueller, E. T., Carter, A., Gatchalian, K. M., Koffarnus, M. N., Bickel, W. K. (poster presentation). Delay discounting rates for illicit, but not licit, drugs depend on dependency status among poly-drug recreational drug users. College on Problems of Drug Dependence 2013 Annual Meeting. San Diego, CA. June 16, 2013.
4. Bickel, W. K., Wesley, M. J., Shin, J., Koffarnus, M. N., Lohrenz, T., Montague, P. R. (poster presentation). Neural correlates of cross-commodity discounting in cocaine users and controls. College on Problems of Drug Dependence. San Diego, CA. June 20, 2013.
5. Moody, L. Franck, C. T., Mueller, E. T., Carter, A., Jarmolowicz, D. P., Gatchalian, K. M., Koffarnus, M. N., Bickel, W. K. (poster presentation). Executive functioning deficits in cocaine-dependent individuals. The College on Problems of Drug Dependence. San Diego, CA. June 20, 2013.
6. Bickel, W. K., Franck, C. T., Mueller, E. T., Carter, A., Jarmolowicz, D. P., Gatchalian, K. M., Koffarnus, M. N., Moody, L. N. (poster presentation). Executive functioning differences in individuals with alcohol use disorders. Research Society on Alcoholism Annual Scientific Meeting. Orlando, FL. June 23, 2013.
7. Bickel, W. K. Repairing Self-control failure in alcohol and other drug dependences. APA Annual Meeting. Honolulu, Hawaii. August 1, 2013.
8. Bickel, W. K., Franck, C., Moody, L., Jarmolowicz, D. P., Mueller, E. T., Gatchalian, K. M., Koffarnus, M. N. Executive dysfunction among alcohol- and cocaine-dependent women. APA Annual Meeting. Honolulu, Hawaii. August 3, 2013.
9. Koffarnus, M. N., Smith, D. A., Bickel, W. K. (poster presentation). The Minute Discounting Task for rapid, accurate assessment of discount rate in about 25 seconds. American Psychological Association. Honolulu, HI. August 2013.
10. Moody, L. Franck, C. T., Mueller, E. T., Carter, A., Jarmolowicz, D. P., Gatchalian, K. M., Koffarnus, M. N., Bickel, W. K. Executive functioning deficits in alcohol-dependent and alcohol- and cocaine-dependent individuals. American Psychological Association. Honolulu, Hawaii. August 2013.
11. Bickel, W. K. Repair of impulsivity: Neuroscience of Cognition, Computation and Decisions International Conference. Ticino, Switzerland. October 18, 2013.

12. Quisenberry, A. J., Franck, C. T., Koffarnus, M. N., Bickel, W. K. Delay discounting in current, ex, and non-smokers: Interactions with gender. The College on Problems of Drug Dependence. San Juan, PR. June 16, 2014.
13. Bickel, W. K. (Symposium Discussant). The effects, use patterns and youth perception of electronic cigarettes; Chairs Balster, R. and Eissenberg, T. The College on Problems of Drug Dependence. San Juan, PR. June 16, 2014.
14. Wilson, A. G., Franck, C. T., Koffarnus, M. N., Reese, R., Bixel, K. D., Bickel, W. K. (poster presentation). An internet-acquired recovery sample: Initial findings from the International Quit and Recovery Registry. The College on Problems of Drug Dependence. San Juan, PR. June 17, 2014.
15. Wesley, M. J., Lohrenz, T., Koffarnus, M. N., McClure, S. M., De La Garza II, R., Newton, T. F., Bickel, W. K., Montague, P. R., Choosing money over drugs: The underpinnings of rational choice in cocaine addicts. The College on Problems of Drug Dependence. San Juan, PR. June 18, 2014.
16. Moody, L., Franck, C. T., Hatz, L., Bickel, W. K. Delay discounting in polysubstance dependence. The College on Problems of Drug Dependence. San Juan, PR. June 18, 2014.
17. Thompson-Lake, D. G., Cooper, K., Mahoney, J. J., Gatchalian, K. M., Koffarnus, M. N., Salas, R., Lohrenz, T., Bickel, W. K., Montague, P. R., Newton, T. F., De La Garza II, R. (poster presentation). Comparison of perceptions of HIV risk and risky sexual practices among heterosexual cocaine-dependent individuals. The College on Problems of Drug Dependence. San Juan, PR. June 19, 2014.
18. Koffarnus, M. N., Johnson, M. W., Wesley, M. J., Lohrenz, T., Montague, P. R., Bickel, W. K. (poster presentation). Cocaine-dependent adults are more likely than controls to choose immediate unsafe sex over delayed safe sex. The College on Problems of Drug Dependence. San Juan, PR. June 19, 2014.
19. Bickel, W. K., Moody, L., Hatz, L., Franck, C. T. (poster presentation). Valuation of future rewards in alcohol users with and without smoking dependency. Research Society on Alcoholism Annual Scientific Meeting. Bellevue, Washington. June 23, 2014.
20. Koffarnus, M. N., Bickel, W. K. (poster presentation). Drug-dependent adults discount money but not their preferred drug or food more rapidly than controls. American Psychological Association. Washington, DC. Summer 2014.
21. Wilson, A. G., Koffarnus, M. N., Bickel, W. K. (poster presentation). Changing delay discounting: Emotional scenarios and framing effects change rates of delayed discounting in an internet-based sample. American Psychological Association. Washington, DC. Summer 2014.
22. Koffarnus, M. N., Eklund, A., LaConte, S. M., Bickel, W. K. (poster presentation). A novel fMRI delay discounting procedure to increase flexibility and minimize scanning duration. Society for Neuroscience. Washington, DC. Fall 2014.
23. Mueller, J., Opitz, A., Legon, W., Barbour, A., Bickel, W. K., Paulus, W., Tyler, W. Weak electric field effects from sham transcranial magnetic stimulation on EEG dynamics. Neural Control and Modeling Session of the Neural Engineering Track. Biomedical Engineering Society 2014 Annual Meeting. San Antonio, TX. October 24, 2014.
24. Bickel, W. K., Quisenberry, A. J., Franck, C. T., Koffarnus, M. N. The experimental tobacco marketplace: Extending behavioral economics to multiple products. Society for Research on Nicotine and Tobacco Annual Meeting, Philadelphia, PA. February 26, 2015.

25. Quisenberry, A. J., Perry, E. S., Koffarnus, M. N., Franck, C. T., Bickel, W. K. (poster presentation). Behavioral economics differentiates smokers with and without other drug dependencies. Society for Research on Nicotine and Tobacco Annual Meeting. Philadelphia, PA. February 2015.
26. Snider, S. E., Bickel, W. K., Cummings, K. M., Koffarnus, M. N., Franck, C.T. (poster presentation). Stoplight labeling: The effects of heuristics on nicotine product purchase behavior in an experimental marketplace. Society for Research on Nicotine and Tobacco Annual Meeting, Philadelphia, PA. February 2015.
27. Stein, J. S., Wilson, A. G., Koffarnus, M. K., Franck, C.T., Bickel, W. K. (poster presentation). Economic demand for cigarettes and cigarette alternatives: Laboratory and real-world abuse liability. Society for Research on Nicotine and Tobacco Annual Meeting. Philadelphia, PA. February 2015.
28. Kim-Spoon, J., Chiu, P., Deater-Deckard, K., Farley, J., Lauharatanahirun, N., Bickel, W. K., King-Casas, B., (poster presentation). A neurobehavioral study of the interaction between risk sensitivity and cognitive control predicting adolescent risk taking. 2015 SRCD Biennial Meeting. Philadelphia, PA. March 19, 2015.
29. Bickel, W. K., Moody, L., Quisenberry, A. J. (poster presentation). Reinforcement pathology: comparison among polysubstance users. Collaborative Research on Addiction at NIH-related Topics. Rockville, MD. May 12, 2015.
30. Bickel, W. K. (Symposium Discussant). Therapeutic Opportunities for Health Disparities: Change and the Limits of Change. Chair: Leventhal, A. The College on Problems of Drug Dependence Annual Scientific Meeting. Phoenix, AZ. June 16, 2015.
31. Koffarnus, M. N., Franck, C. T., Stein, J. S., Bickel, W. K. (poster presentation). A behavioral economic demand model modification to improve versatility. The College on Problems of Drug Dependence Annual Scientific Meeting. Phoenix, AZ. June 2015.
32. Moody, L., Bickel, W. K. Symmetrical discounting of the future and the past in heavy smokers and alcohol drinkers. The College on Problems of Drug Dependence Annual Scientific Meeting. Phoenix, AZ. June 2015.
33. Quisenberry, A. J., Koffarnus, M. N., Franck, C. T., Bickel, W.K. (poster presentation). Strength from recovery: Former drug-dependent individuals discount the future less than current users and controls. College of Problems on Drug Dependence Annual Meeting. Phoenix, AZ. June 2015.
34. Snider, S. E., Franck, C. T., Koffarnus, M. N., LaConte, S. Bickel, W. K. (poster presentation) Effects of working memory training regimen on learning acquisition and score asymptote in alcohol dependents. College of Problems on Drug Dependence Annual Meeting. Phoenix, AZ. June 2015.
35. Bickel, W. K., Koffarnus, M. N., Eklund, A., LaConte, S. M. (Symposium Presenter). Excessive Discounting in alcohol-dependence: Comparison to social drinkers using a novel fMRI delay discounting procedure. Chair: Amlung, M. The behavioral economics of alcohol use disorders: Translational findings from behavioral and brain investigations. Research Society on Alcoholism Annual Scientific Meeting. San Antonio, TX. June 21, 2015.
36. Koffarnus, M. N., Kablinger, A. S., Swallow, A. E., Bickel, W. K. (poster presentation). Remote alcohol monitoring to facilitate abstinence reinforcement: Preliminary data. Research Society on Alcoholism Annual Scientific Meeting. San Antonio, TX. June 2015.

37. Moody, L., Bickel, W. K. (poster presentation). Delay discounting across time: Mental time travel and monetary delay discounting from the future and past in heavy alcohol users. Research Society on Alcoholism Annual Scientific Meeting. San Antonio, TX. June 23, 2015.
38. Reese, B., Koffarnus, M. N., Quisenberry, A. J., Bixel, K., Seymour, N., Bianco, A., Patterson, D. L., Bickel, W. K. (poster presentation). The 13th step: More on thriving in recovery. Fourth World Congress on Positive Psychology. Orlando, FL. June 2015.
39. Moody, L., Franck, C. T. Bickel, W. K. (poster presentation). Delay discounting provides robust classification of substance using and non-using individuals. American Psychological Association Annual Meeting. Toronto, Canada. August, 2015.
40. Quisenberry, A. J., Patterson, D. L., Bickel, W. K. Improving sexual discounting with regret aversion in an Internet sample: Implications for addiction. Paper presented at the American Psychological Association Annual Meeting. Toronto, Canada. August 2015.
41. Snider, S. E., Quisenberry, A. J., Bickel, W. K. (poster presentation). Quantitative signature of change? Interpretation of rate dependence in impulsivity studies. American Psychological Association Annual Meeting. Toronto, Canada. August 2015.
42. Stein, J. S., Wilson, A. G., Koffarnus, M. K., Bickel, W. K. (poster presentation). Relative demand for SNUS and nicotine gum depends on the concurrent availability of cigarettes. American Psychological Association Annual Meeting. Toronto, Canada. August 2015.
43. Feng, J, Pittman, J, Sheffer, C, Panissidi, L, Bickel, W, & Franck, C. (poster presentation). Differential outcome of tobacco-dependence treatment for smokers with and without a history of substance use disorders. Society for Research on Nicotine and Tobacco (SRNT) 22nd Annual Meeting, Chicago, IL, March 2-5, 2016.
44. Pittman, J, Sheffer, C, Panissidi, L, Feng, J, Bickel, W, & Franck, C. (poster presentation). Length of recovery from substance use disorders and tobacco dependence treatment outcomes. Society for Research on Nicotine and Tobacco (SRNT) 22nd Annual Meeting, Chicago, IL, March 2-5, 2016.