

## CURRICULUM VITAE

**Date Prepared:** October 2017  
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### Education

1998	BA (magna cum laude)	Psychology and Neuroscience	Williams College
1999	MS	Social Psychology	University of Oregon
2003	PhD	Social Psychology (Bertram F. Malle)	University of Oregon

### Faculty Academic Appointments

2004-2011	Instructor in Psychiatry	Department of Psychiatry	Harvard Medical School
2011-	Assistant Professor of Psychiatry	Department of Psychiatry	Harvard Medical School

### Other Professional Positions

1998-1999	Graduate Research Assistant	Department of Psychology, University of Oregon, Eugene, OR
1999-2000	Research Assistant	Lane County Department of Youth Services, Eugene, OR
2000-2003	Research Analyst	Oregon Youth Authority, Salem, OR
2000-2001	Graduate Research Assistant	Department of Psychology, University of Oregon, Eugene, OR
2001-2003	Graduate Research Assistant	Child and Family Center, University of Oregon, Eugene, OR
2003-2010	Affiliated Scientist	Child and Family Center, University of Oregon, Eugene, OR
2003-2006	Research Analyst II (as needed)	Oregon Youth Authority, Salem, OR
2003-2004	Research Associate	Division on Addiction, Harvard Medical School, Boston, MA
2005-2009	Research Faculty	Division on Addiction, Cambridge Health Alliance, Medford, MA

2009- Associate Director of Research Division on Addiction, Cambridge Health Alliance, Medford, MA

### **Committee Service**

#### Local

1999-2000 Graduate Admissions Committee Department of Psychology, University of Oregon  
1999-2000 Graduate Student Representative  
2000-2001 Faculty Committee Department of Psychology, University of Oregon  
2000-2001 Graduate Student Representative  
2001-2002 Graduate Education Committee Department of Psychology, University of Oregon  
2001-2002 Graduate Student Representative  
2005- Institutional Review Board Cambridge Health Alliance  
2005-2013 Member  
2013- Vice Chair

#### National

2012- External Advisory Committee University of Georgia Center for Gambling Research

#### International

2012 Assessment Committee (Postdoc within neurobiological coding of decision-making in pathological gambling project) Center for Functionally Integrative Neuroscience, Aarhus University, Denmark

### **Professional Societies**

2000- Association for Psychological Science  
2000-2011 Society for Personality and Social Psychology  
2001-2003 Society for the Study of Social Issues  
2006-2012 Society for Research on Adolescence  
2003,2004 Reviewer, Biennial Conference Poster Competition  
2006-2015 American Psychological Association  
2006-2015 Member  
2006-2015 American Psychological Association, Division 50 [Addictions]  
2006-2015 Member

### **Grant Review Activities**

2004 Psychosocial Development Risk and Prevention Study Section, CSR NIH  
2004 Temporary Member

2006	AHFMR Grant Program	Alberta Heritage Foundation for Medical Research
	2006	Reviewer
2006-2008	Health Services and Socio-Behavioral Research Review Subcommittee, CSR	NIH
	2006-2008	Ad hoc Member
2006-	SBIR/SBTR Adolescent/Adult Addictions Review Group, CSR	NIH
	2006-	Ad hoc Member
2007-2012	OPGRC Grant Program	Ontario Problem Gambling Research Centre
	2007-2012	Reviewer
2010	AXA Research Fund Doctoral Grants Campaign	AXA Research Fund
	2010	Reviewer
2010	Italian Ministry of Health Competition for Targeted Research Funding	Italian Ministry of Health
	2010	Reviewer
2010	IRGD Extramural Funding	Institute for Research on Gambling Disorders
	2010	Reviewer, Annual Conference Poster Competition
2011	Alberta Gaming Research Institute	
	2011	Reviewer
2012; 2017	NIAAA Specialized and Comprehensive Alcohol Research Center Review Panel (P50/P60)	NIH
	July, 2012; May, 2017	Reviewer
2013; 2015	NIAAA Special Emphasis Panel [ZAA1 DD(02)]	NIH
	March, 2013; October, 2013; February, 2015	Reviewer
2013-2016	NCRG Seed Grant Program	NCRG
	2013; 2015; 2016	Reviewer
2014-	Manitoba Gambling Research Program	
	2014-	Reviewer
2017	NCRG New Mexico Grant Program	NCRG
	2017	Reviewer

**Division on Addiction Related Grant Review Activities**

2005-2008	IRPG Extramural Funding	Institute for Research on Pathological Gambling
	2005, 2007	Reviewer, Annual Conference Poster Competition

2008

Reviewer, Centers of Excellence

**Editorial Activities**

2003-	Ad hoc Reviewer	Journal of Gambling Studies
2004-	Ad hoc Reviewer	Archives of General Psychiatry
2004-	Ad hoc Reviewer	Development and Psychopathology
2004-	Ad hoc Reviewer	Psychology of Addictive Behaviors
2005-	Ad hoc Reviewer	Addiction
2006-	Ad hoc Reviewer	Journal of Adolescence
2010-	Ad hoc Reviewer	Journal of Gambling Issues
2010-	Ad hoc Reviewer	International Gambling Studies
2013-	Ad hoc Reviewer	American Journal of Psychiatry
2014-	Ad hoc Reviewer	Social Psychiatry and Psychiatric Epidemiology
2016-	Ad hoc Reviewer	Substance Use & Misuse
2016-	Ad hoc Reviewer	Health Services Research
2017-	Ad hoc Reviewer	BMC Public Health

**Other Editorial Roles**

2004-2006;	Editorial Board Member	Psychology of Addictive Behaviors
2013-		
2006-2008	Associate Editor	Psychology of Addictive Behaviors
2010-	Editorial Board Member	Addiction, Research & Theory
2015-	Editorial Board Member	International Gambling Studies

**Division on Addiction Related Editorial Activities**

2004-2008;	Editor	The Weekly Addiction Gambling Education Report
2012		
2009-	Editor	The Drinking Report for Addiction Medicine
2013-	Editor	Addiction Smoking Health Education Service

**Honors and Prizes**

1994	United States Presidential Scholar	US Department of Education	Academics/Leadership
1998	Sigma Xi	Williams College	Scientific Achievement
1998	Phi Beta Kappa	Williams College	Academics
1998-1999	Horace Clark Fellowship for Graduate Research	Williams College	
1999	Honorable Mention, Graduate Research Fellowship	National Science Foundation	

2001, 2002	Travel/Research Award	Dept. of Psychology, University of Oregon
2002	Research Award	Institute of Cognitive and Decision Sciences, University of Oregon

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### Past

2003-2004	Investigator (PI: Shaffer), Iowa Department of Public Health An Examination of the State of Iowa Gambling Treatment Services The major goals of this project were to evaluate Iowa's gambling treatment services and characterize the gamblers who sought these services.
2004-2007	Investigator (PI: Shaffer), NIAAA – 1 R01 AA014710-01A1 Toward Evidence Based Treatments to Reduce DUI Relapse The major goals of this project were to assess psychiatric comorbidity in repeat DUI offenders and determine the association between that comorbidity and longitudinal outcomes.
2005	Investigator (PI: LaBrie), ValueOptions Research on Optimizing Quality of Care in Managed Behavioral Health The major goal of this project was to investigate how aspects of healthcare management related to health outcomes and healthcare utilization.
2005-2006	Curriculum Developer/Trainer (PI: Shaffer), The Venetian Resort Hotel Casino Development of a Responsible Gambling Industry Employee Training Program The major goal of this project was to develop a training curriculum to educate gambling industry employees about addiction and gambling problems.
2007-2008	Investigator (PI: LaBrie), Kansas City Community Foundation, Port Authority Problem Gambling Fund Missouri Voluntary Exclusion Program Follow-Up Study The major goal of this project was to assess the long term experiences and gambling outcomes of individuals who participated in the Missouri Voluntary Exclusion Program.
2007-2008	PI, St. Francis House, Boston, MA, \$36,356 St. Francis House Moving Ahead Program (MAP) Survey Evaluation The major goal of this project was to investigate the characteristics of participants served by MAP in the past 10 years and changes in their behavior and living situation after MAP completion.
2003-2009	Investigator (PI: Shaffer), National Council on Responsible Gaming

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The Institute for Research on Pathological Gambling and Related Disorders: A Program of the Division on Addictions

The major goals of this project were to examine the psychological, biological, and social causes and consequences of pathological gambling and related disorders.

- 2008-2009 PI, St. Francis House, Boston, MA, \$80,027  
Linking, Evaluation, Assessment, and Data System (LEAD)  
The major goal of this project was to develop an integrated system for administering standardized assessments, streamlining referrals and treatment, tracking guests, and conducting treatment evaluations among a population of homeless individuals.
- 2008-2010 PI, NIAAA – 1 R03AA016810-01A1, \$100,000  
Indices of Exposure and Vulnerability for Predicting Alcohol-Related Problems  
The major goals of this project were to develop models of exposure and vulnerability to alcohol use and alcohol use problems among adolescents at both the population and individual level.
- 2008-2010 PI, NIAAA – 1 R03AA017726-01, \$100,000  
Repeat DUI Offenders' Explanations of Their DUI Behavior  
The major goals of this project were to examine how proximal cognitive correlates of DUI offense (i.e., implicit beliefs, as measured by explanations for that behavior) among repeat DUI offenders contribute to the prediction of continued DUI behavior and relate to more distal predictors of DUI offense.
- 2009-2011 Co-PI (w/ Dr. Richard LaBrie), NIAAA – 1 R03AA017516-01A2, \$100,000  
DUI Offending: The Intersection of Criminality and Psychopathology  
The major goals of this project were to examine the impact of psychiatric comorbidity, criminality, and the interaction between them on repeat DUI offenders. Specifically, we generated typologies that integrated criminal histories and psychiatric profiles, and used these typologies to predict DUI offense and re-offense.
- 2010-2011 PI, St. Francis House, Boston, MA, \$93,247  
Linking, Evaluation, Assessment, and Data System (LEAD)  
The major goal of this project was to develop an integrated system for administering standardized assessments, streamlining referrals and treatment, tracking guests, and conducting treatment evaluations among a population of homeless individuals.
- 2010-2012 Investigator (PI: Gray), NIAAA – 1 R03AA020187-01  
Testing Longitudinal Models of Substance Abuse Recovery Mechanisms among Homeless Adults  
The major goal of this project was to uncover mechanisms that underlie homeless persons' long-term recovery from substance abuse. In particular, the project explored whether developing healthier social networks helps people transition from substance abuse and homelessness to recovery and self-sustainability.

- 2013 Investigator (Subcontract for Spectrum Gaming Group; Subcontract PI: Shaffer), State of Florida Legislature  
Gambling Impact Study, Part 1, Section B: Assessment of Potential Changes to Florida Gaming Industry and Resulting Economic Effects (Part V. Assessment of likely social costs of expanded gaming)  
The major goal of the subcontract on this project was to conduct a systematic literature review of research on the effects of gambling expansion on gambling behavior and problems in the US and elsewhere.
- 2012-2013 PI, National Council on Responsible Gaming, \$28,750  
A Benchmark Study for Monitoring Exposure to New Gambling Opportunities  
The major goals of this project were to establish baseline statewide estimates of the prevalence of gambling behaviors and gambling-related problems in Massachusetts (MA) and to investigate intrastate variations in gambling behaviors and gambling-related problems across zip code in MA.
- 2005-2014 Investigator (PI: Shaffer), bwin Interactive AG  
Research on Technology and Addiction with a Focus on Online Gambling  
The major goals of this project were to investigate the behavioral patterns of Internet gamblers and develop intervention strategies based on predictive profiles.
- 2012-2014 PI, St. Francis House, Boston, MA, \$39,598  
Linking, Evaluation, Assessment, and Data System (LEAD)  
The major goal of this project was to develop an integrated system for administering standardized assessments, streamlining referrals and treatment, tracking guests, and conducting treatment evaluations among a population of homeless individuals.
- 2013-2014 Subcontract PI (PI: Linnet), The Danish Council for Independent Research  
Prospective testing of the Cognitive Bias Model in online poker: who develops gambling problems and who does not?  
The major goal of this project was to test the cognitive bias model's ability to discriminate players with and without gambling problems in a large sample of online poker players.
- 2014-2015 Subcontract Investigator (Subcontract PI: Shaffer; subcontract on grant awarded to the Worcester House of Corrections). Commonwealth of MA RSAT Grant Program.  
RSAT Grant  
The purpose of this project was to help Worcester House of Corrections select appropriate assessments and procedures for evaluating their STOP substance use treatment program.
- 2014-2015 Investigator. (PI: LaPlante). Heineken USA.  
Messaging to Prevent and Reduce Binge Drinking  
The purpose of this project was to develop and test messaging to prevent binge drinking among young adults.
- 2014-2015 Subcontract Co-PI (Subcontract co-PI: Shaffer; subcontract on grant awarded to Cambridge Police Department), OJJDP

Safety Net Collaborative Outcome Evaluation

The Division on Addiction worked with the CPD's Community Relations Division to identify measurable predictor and outcome variables to look at whether involvement in the Safety Net program is linked to positive outcomes.

- 2014-2015 Investigator (PI: Shaffer), Tung Wah Group of Hospitals  
Clinical Research & Training Collaboration between the Tung Wah Group of Hospitals Integrated Center on Addiction Prevention and Treatment and the Division on Addiction, Cambridge Health Alliance, a Harvard Medical School teaching hospital  
The purpose of this project is to guide a multi-year evidence-based clinical research and training program located at the Integrated Center on Addiction Prevention and Treatment (ICAPT) in Hong Kong.
- 2014-2015 Investigator (Co-PIs: LaPlante & Whelshula), NCRG – Seed Grant  
Risk & Resilience among Native American Youth in the Pacific Northwest  
The major goal of this project was to engage tribal youth in a mutually-developed brief risk and resilience assessment during planned community events. The assessment included central risk behaviors (e.g., gambling, alcohol use, violence) and resilience factors (e.g., Native American enculturation and family connectedness) that have well-validated reliable brief assessments available.

Current

- 2011-2017 Co-PI (w/ Dr. Howard Shaffer), Century Council, \$2,882,292  
Developing a Computerized Assessment and Referral System (CARS)  
The major goals of this project are to develop, refine, and test CARS, a diagnostic report generator for use with a comprehensive mental health assessment. The final product will be a computerized assessment system that allows users to complete a standardized mental health assessment; this system also will permit users to obtain immediate diagnostic output and tailored referrals.
- 2014-2018 Co-PI (w/ Drs. Debi LaPlante & Martina Whelshula), NIDA & IHS – U261IHS0090, \$1,350,364  
Native American Research Centers for Health (NARCH): Promoting Cultures of Recovery in Tribal Nations  
The major goal of this research center is to use a Tribal Participatory Research (TPR) approach to identify and address tribal communities' existing and needed resources for creating sustainable recovery environments.
- 2015-2017 Investigator (Co-PIs: Shaffer & LaPlante), Massachusetts Gaming Commission (MGC)  
Assessing Responsible Gambling in Massachusetts  
The major goals of this project are to assess the adoption and long-term use of the MGC's proposed responsible gambling programs and resources in Massachusetts' slot parlor and casinos. The project has three primary arms: evaluating the gambling commitment tools (i.e., PlayMyWay, software that allows players to place limits on the amount they spend),



evaluating the Game-Sense-branded information centers, and evaluating the state's Voluntary Exclusion Program.

- 2016-2018 Investigator (Co-PIs: LaPlante & Gray), Massachusetts Department of Public Health Bureau of Substance Abuse Services (BSAS)  
Evaluation & Training of Problem Gambling Guidelines  
The major goals of this project are to update and revise existing guidelines for gambling treatment and self-guided change materials, provide training for those responsible for providing gambling services, and assess the needs (e.g., training, resources, capacity) of the existing network of Massachusetts-based gambling services providers.
- 2016-2021 Investigator (Co-PIs: Shaffer & LaPlante), DraftKings  
An Evidence-Based Approach to Responsible Fantasy Sports Activities  
The major goals of this project are to conduct basic research on the distribution and patterns of play across time at DraftKings, investigate play patterns that predict excessive play and/or the development of gaming-related problems, and use this basic research to inform player interventions and education and training efforts for DraftKings staff and subscribers.

## **Report of Local Teaching and Training**

### **Teaching of Students in Courses**

1998	Psychology 101	Department of Psychology, Williams College, Williamstown, MA
	Undergraduate students	Semester-long course; Teaching assistant; Held office hours and provided assistance during 3 classes per week
1999-2000	Graduate Statistics Series	Department of Psychology, University of Oregon, Eugene, OR
	Graduate psychology students	Year-long course; Teaching assistant; Taught lab once per week, held office hours, provided assistance at 2 classes per week

### **Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2007	Expressions of Addiction	Division on Addiction, Cambridge Health Alliance, Medford, MA
	Psychiatry residents, psychology trainees, and staff	Semester-long seminar; Faculty; One 1-hour lecture
2008	Special Topics in Addiction	Division on Addiction, Cambridge Health Alliance, Medford, MA
	Psychiatry residents, psychology trainees, and staff	Semester-long seminar; Faculty; Three 1.5 hour lectures
2010	Research Methods for the Social Sciences	Division on Addiction, Cambridge Health Alliance, Medford, MA

2012	Psychiatry residents, psychology trainees, and staff Research Methods for Health Professionals	Semester-long seminar; Course Director; 1.5 hours/week Division on Addiction, Cambridge Health Alliance, Medford, MA
2016-2017; 2017-2018	Psychiatry residents, psychology trainees, and Cambridge Health Alliance staff Division on Addiction Training Program for 1 <sup>st</sup> Year Psychiatry Residents Psychiatry residents	Day-long seminar; Course Director; 7 hours Division on Addiction, Cambridge Health Alliance, Medford, MA Six seminars per year; Faculty; Six 1.5 hour lectures per year

**Laboratory and Other Research Supervisory and Training Responsibilities**

2000	Thesis tutor; Department of Psychology, University of Oregon	Weekly advising for six months
2003-	Supervision of 4+ research staff; Division on Addiction	Daily mentorship
2006; 2010; 2011; 2012; 2013; 2015	Mentor for college student completing a summer internship; Division on Addiction	Daily mentorship for three months
2009	Mentor for college class work placement; Division on Addiction / Boston University	Daily mentorship for three months
2009	Research project mentor for a psychiatry resident; Outpatient Addiction Services / Division on Addiction	Weekly mentorship for four months
2010	Mentor for college class work placement; Division on Addictions / Williams College Winter Study Program	Daily mentorship for one month
2013-2014	External advisor for senior thesis, “Using the objectification theory framework to assess the unique body image concerns of women experiencing homelessness” (Student: Melanie Mitchell; Advisor: Laura Ramsey, Bridgewater State U, Psych. Dept.)	Weekly advising for nine months
2016	Mentor for PhD student completing a summer mentorship; Division on Addiction	Daily mentorship for three months

**Formal Teaching of Peers (e.g., CME and other continuing education courses)**

2008	Repeat DUI and Psychiatric Comorbidity: Implications for Treatment and Prevention Addiction Medicine – Managing Addictive Disorders: New Strategies; Harvard Medical School	Plenary presentation Boston, MA
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2011	Developing a Computerized Assessment and Referral System: CARS Addiction Medicine – A Case-based Approach to Managing Substance Use Disorders; Harvard Medical School	Plenary presentation Boston, MA
2013	Recovery within a Native American Adolescent Population Addiction Medicine – A Case-based Approach to Managing Addiction in Special Populations; Harvard Medical School	Plenary presentation w/ Dr. Martina Whelshula Boston, MA
2014	Using Advances in Addiction Science to Understand, Assess, and Treat Gambling Problems Treating the Addictions; Harvard Medical School	Plenary presentation Boston, MA
2015-	Research Methods 101 for the Provider: A Guide to Critical Research Consumption and Implementing Your Own Clinical Research Harvard Medical School Online CME ( <a href="http://cmeonline.med.harvard.edu/course_description.asp?Course_id=91">http://cmeonline.med.harvard.edu/course_description.asp?Course_id=91</a> )	Online CME Course; Course Developer; Faculty Boston, MA

### **Local Invited Presentations**

2001	Restorative Justice / Invited Lecture for Psychology and the Law Department of Psychology, University of Oregon, Eugene, OR
2008	Repeat DUI and Psychiatric Comorbidity: Implications for Treatment and Prevention / Invited Lecture Outpatient Addiction Services, Cambridge Health Alliance, Somerville, MA
2014	Addiction as a Syndrome Outpatient Addiction Services, Cambridge Health Alliance, Somerville, MA
2014	Epidemiology of Gambling and Disordered Gambling Outpatient Addiction Services, Cambridge Health Alliance, Somerville, MA
2014	Responsible Gambling Programs: Focus on Self-Exclusion Outpatient Addiction Services, Cambridge Health Alliance, Somerville, MA

## **Report of Regional, National and International Invited Teaching and Presentations**

### **Invited Presentations and Courses**

#### Regional

Those presentations below sponsored by outside entities are so noted and the sponsor is identified.

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- 2005 The Syndrome Model of Addiction / Plenary Talk  
Massachusetts Council on Compulsive Gambling Annual Conference, Boston, MA
- 2006 Psychiatric Comorbidity among Repeat DUI Offenders / Invited Lecture to Massachusetts  
probation officers  
Middlesex Driving Under the Influence of Liquor Program, Tewksbury, MA
- 2006 Psychiatric Comorbidity among Repeat DUI Offenders / Invited Lecture  
Tewksbury Substance Abuse Lecture Series, Tewksbury, MA
- 2006 The Proxy Effect: Gender, Game Choice, and Problem Trajectory among Gambling  
Treatment Seekers / Speaker  
Massachusetts Council on Compulsive Gambling Annual Conference, Boston, MA
- 2007 Gender as Proxy: Gender and Gambling Problem Trajectory / Invited Training  
Massachusetts Council on Compulsive Gambling Training, Waltham, MA
- 2007 Understanding the Iowa Gambling Treatment Program: The Importance of Empirical  
Examinations of Evidence / Plenary Talk  
Massachusetts Council on Compulsive Gambling Annual Conference, Boston, MA
- 2010 Under the Influence: How Our Understanding of Addiction Influences Our Approach to  
DUI / Invited Lecture  
Williams College Department of Psychology Class of 1960 Scholars Lecture,  
Williamstown, MA
- 2012 A Public Health Framework for Implementing and Evaluating Responsible Gambling  
Programs / Invited Address  
Massachusetts Gaming Commission Public Forum on Problem Gambling, Lynn, MA
- 2014 Computerized Assessment & Referral System / Invited Lecture  
Suffolk University Law School Center for Advanced Legal Studies “Collateral  
Consequences of an OUI Offense” Program (co-sponsored by the Century Council)
- 2014 A Public Health Framework for Implementing and Evaluating Responsible Gambling  
Programs / Invited Address  
New York Gaming Commission Public Forum on Problem Gambling, Albany, NY
- 2014 Internet Gambling: Behaviors, Risks, Interventions, and Implications / Invited Lecture  
Massachusetts Council on Compulsive Gambling Research Luncheon Series. Springfield,  
MA.
- 2014 Using Advances in Addiction Science to Understand, Assess, and Treat Gambling  
Problems / Invited Lecture  
Massachusetts Council on Compulsive Gambling Research Luncheon Series. Springfield,  
MA.
- 2014 Using Advances in Addiction Science to Understand, Assess, and Treat Gambling  
Problems / Invited Colloquium  
MGH Center for Addiction Medicine Brownbag Series. Boston, MA
- 2014; 2015 Using Advances in Addiction Science to Understand, Assess, and Treat Gambling  
Problems / Invited Lecture  
Bridgewater State University, School of Social Work, Addiction Certification Program
- 2017 Introduction to the Computerized Assessment and Referral System / Invited Training  
Colorado Office of Behavioral Health DUI Provider Training (co-sponsored by Foundation  
for Advancing Alcohol Responsibility)

National

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Those presentations below sponsored by outside entities are so noted and the sponsor is identified.

- 2005      What Is Addiction? / Invited Lecture  
National Youth Leadership Forum, Boston, MA
- 2005      Safe Gaming Machines? A Public Health Perspective / Speaker  
The Institute for Research on Pathological Gambling and Related Disorders Annual  
Conference, Las Vegas, NV (sponsored by National Center for Responsible Gaming)
- 2007      What We Think We Know, What We Know, and How We Know What We Know /  
Invited Lecture  
National Youth Leadership Forum, Boston, MA
- 2007      Gender as Proxy: An Alternative Look at Gender and Gambling Progression / Plenary Talk  
Responsible Gaming Association of New Mexico, Albuquerque, NM
- 2007      Gambling Symptom Stability Across Individuals and Time / Speaker  
The Institute for Research on Pathological Gambling and Related Disorders Annual  
Conference, Las Vegas, NV (sponsored by National Center for Responsible Gaming)
- 2008      The Missouri Voluntary Exclusion Program: Participant Experiences across 10 Years /  
Speaker  
The Institute for Research on Pathological Gambling and Related Disorders Annual  
Conference, Las Vegas, NV (sponsored by National Center for Responsible Gaming)
- 2009      Addiction as a Syndrome: Implications for Policy and Prevention / Invited Webinar  
Oregon Campus and Community Coalition on Alcohol Issues Substance Abuse Prevention  
Series, Oregon State University, Corvallis, OR
- 2010      Developing a Computerized Assessment and Referral System (CARS) / Invited Lecture to  
the Century Council, Washington, DC.  
Century Council Board Meeting, Washington, DC
- 2010      Internet Gambling Behavior: Findings from Longitudinal Studies of Internet Gambling  
Behavior / Speaker  
National Center for Responsible Gaming Annual Conference, Las Vegas, NV
- 2010      Self Exclusion and Self Limit Programs: Findings across Space, Time, and Venue /  
Speaker  
National Center for Responsible Gaming Annual Conference on Gambling and Addiction,  
Las Vegas, NV
- 2010      Addiction as a Syndrome / Speaker  
National Center for Responsible Gaming Annual Conference on Gambling and Addiction,  
Las Vegas, NV
- 2011      Advances in Addiction Science I: Addiction as a Syndrome / Plenary Talk  
Responsible Gaming Association of New Mexico Annual Conference, Albuquerque, NM
- 2011      Advances in Addiction Science II: Challenging Conventional Wisdoms – Lessons Learned  
from Past Assumptions and Consequent Research / Plenary Talk  
Responsible Gaming Association of New Mexico Annual Conference, Albuquerque, NM
- 2011      Developing a Computerized Assessment and Referral System: CARS / Briefings  
US Senate, US House of Representatives, and Federal Agency Briefings, Washington, DC  
(sponsored by the Century Council)
- 2011      Developing a Computerized Assessment and Referral System: CARS / Invited  
Presentation to the Century Council Judicial Advisory Panel.

- Century Council Judicial Advisory Panel Meeting, Washington, DC (sponsored by the Century Council)
- 2011 Measuring Problem Gambling / Invited panelist  
KNPR's "State of Nevada" radio show
- 2011 Science vs. Myth: Research on Internet Gambling / Invited Panelist  
National Center for Responsible Gaming Annual Conference on Gambling and Addiction, Las Vegas, NV
- 2012 Science vs. Myth: Research on Internet Gambling / Invited Webinar  
National Center for Responsible Gaming Webinar Series
- 2012 CARS: A Computerized Mental Health Assessment and Referral System for the Impaired Driver / Invited Report  
DWI Court Task Force Meeting, Nashville, TN
- 2012 CARS: A Computerized Mental Health Assessment and Referral System for the Impaired Driver / Invited Panel  
National Association of Drug Court Professionals Annual Meeting, Nashville, TN
- 2013 Predicting Gambling-Related Problems among Internet Gamblers / Invited Panel  
15<sup>th</sup> International Conference on Gambling and Risk-taking, Las Vegas, NV
- 2013 Developing a Computerized Assessment and Referral System: CARS / Invited Presentation to the Century Council Board of Advisors  
Century Council Advisory Board Meeting, Washington, DC (sponsored by the Century Council)
- 2013 Developing a Computerized Assessment and Referral System: CARS / Invited Presentation at the National Press Club  
National Press Club Briefing, Washington, DC (sponsored by the Century Council)
- 2013 Addiction as Syndrome: Implications for Treating Gambling Disorders and Other Addictive Disorders / Invited Webinar  
National Center for Responsible Gaming Webinar Series
- 2013 Using Advances in Addiction Science to Understand, Diagnose, and Treat Gambling Problems / Workshop  
Washington Problem Gambling Training Workshop, Pasco, WA (sponsored by NCRG)
- 2014 Beyond the Ivory Tower: Research Partnerships with Industry, Treatment Providers, and 12-Step Programs / Invited Panelist  
National Center for Responsible Gaming Annual Conference on Gambling and Addiction, Las Vegas, NV
- 2014 It's More than an App: iGaming Research and Responsible Gaming Programs / Invited Panelist  
National Center for Responsible Gaming Annual Conference on Gambling and Addiction, Las Vegas, NV
- 2014 Using Advances in Addiction Science to Understand, Diagnose, and Treat Gambling Problems / Workshop  
New Mexico Problem Gambling Training Workshop, Albuquerque, NM (sponsored by NCRG)
- 2014 Computerized Assessment and Referral System (CARS) / Invited Webinar  
National Center for DWI Courts Webinar Series
- 2015 Using Advances in Addiction Science to Understand, Assess, and Treat Gambling Problems / Invited Pre-Conference Workshop  
Evergreen Council on Problem Gambling Annual Conference, Seattle, WA

- 2015 Using Advances in Addiction Science to Understand, Assess, and Treat Gambling Problems / Invited Session  
NAADAC, the Association for Addiction Professionals, Annual Conference, Bethesda, MD (sponsored by NCRG)
- 2015 Computerized Assessment and Referral System (CARS): Identifying Mental Health Disorders Among DUI Offenders / Invited Webcast  
National Judicial College Webcast Series
- 2015 Computerized Assessment and Referral System (CARS): Identifying Mental Health Disorders Among DUI Offenders / Invited Webinar  
American Bar Association Continuing Legal Education Series (sponsored by the ABA Center for Professional Development)
- 2015 Computerized Assessment and Referral System (CARS): Identifying Mental Health Disorders Among DUI Offenders / Invited Session  
New England Association of Drug Court Professionals Annual Conference: Drug Courts – Where Justice and Treatment Meet, Marlboro, MA
- 2015 Computerized Assessment and Referral System (CARS): Identifying Mental Health Disorders Among DUI Offenders / Invited Session  
National Association of Drug Court Professionals Annual Training Conference, National Harbor, MD (sponsored by Foundation for Advancing Alcohol Responsibility)
- 2015 The Computerized Assessment and Referral System: CARS – Project Update / Invited Presentation to the Foundation for Advancing Alcohol Responsibility Board of Advisors  
Foundation for Advancing Alcohol Responsibility Advisory Board Meeting, Washington, DC (Foundation for Advancing Alcohol Responsibility)
- 2015 The Computerized Assessment and Referral System: CARS – Project Update / Invited Presentation at NIAAA  
NIAAA, Bethesda, MD (Foundation for Advancing Alcohol Responsibility)
- 2015 The Computerized Assessment and Referral System: CARS – Project Update / Invited Briefing  
National Press Club, Washington, DC (Foundation for Advancing Alcohol Responsibility; NHTSA)
- 2016 The Computerized Assessment and Referral System (CARS): Screening for Mental Health Issues among DUI Offenders / Invited Session  
ABA Judicial Division National Conference of Specialized Court Judges Traffic Court Seminar, New Orleans, LA
- 2016 Screening for Mental Health Issues among DUI Offenders / Invited Session  
National Association of Drug Court Professionals Annual Training Conference, Anaheim, CA (sponsored by Foundation for Advancing Alcohol Responsibility)
- 2017 The Computerized Assessment and Referral System: CARS – Project Update / Invited Presentation to the Foundation for Advancing Alcohol Responsibility Board of Advisors (sponsored by Foundation for Advancing Alcohol Responsibility)  
Foundation for Advancing Alcohol Responsibility Advisory Board Meeting, Washington, DC

### International

No presentations below were sponsored by outside entities.

- 2009 Actual Internet Gambling / Plenary Talk
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- 2011 Alberta Gaming Research Institute Banff Conference on Internet Gambling, Banff, AB  
New Modalities and Special Populations: Using Advances in Addiction Science to  
Understand Gambling Problems / Workshop
- 2011 Responsible Gambling in British Columbia Workshop Series, Richmond, BC  
Science vs. Myth: Research on Internet Gambling / Invited Presentation Quebec's Working  
Group on Online Gambling. Montreal, CA.
- 2014 Meeting of Quebec's Working Group on Online Gambling, Montreal, Quebec  
Online Gambling / Invited Contributor
- 2014 Gambling Issues Podcast
- 2014 Gambling Involvement and Gambling Problems / Invited Contributor  
Gambling Issues Podcast
- 2014 The bwin.party – Division on Addiction Collaborative / Invited Address  
Meeting at the European Commission. Brussels, Belgium
- 2014 The bwin.party – Division on Addiction Collaborative / Invited Address  
Meeting of UK Gambling Commission, RG Strategy Board, RG Trust. Birmingham, Great  
Britain

## **Report of Technological and Other Scientific Innovations**

- Report generator for a standardized, computerized, mental health assessment (2004) To implement a standardized, computerized mental health assessment (the Composite International Diagnostic Interview, developed by the World Health Organization and Dr. Ronald Kessler) at a community treatment program, my colleagues and I developed a report generator that automatically outputs clients' diagnostic information, as well as lay descriptions of the diagnoses and targeted referral information. This report generator is currently being used at the Middlesex Driving Under the Influence of Liquor Program, Tewksbury, MA.
- Linking, Evaluation, Assessment, and Data System (LEAD) (2008-2014) My colleagues and I partnered with Laird Nelson, a relational database programmer, to develop LEAD for implementation at St. Francis House, an integrated day service center for the homeless. LEAD includes psychosocial and mental health assessments, reports, and a tracking system capable of tracking St. Francis House guests' use of services. We continue to modify and expand LEAD, which is in use at St. Francis House.
- Computerized Assessment and Referral System (CARS) (2011-) My colleagues and I have developed a computerized assessment system (CARS) appropriate for administering mental health assessments at DUI programs. The system automatically generates individually tailored reports of mental health diagnoses using DSM-IV Axis I criteria, as well as referral resources tailored to client zipcode. We have piloted the system at several DUI programs throughout Massachusetts and the nation, and released it publicly at [www.carstrainingcenter.org](http://www.carstrainingcenter.org) on June 19<sup>th</sup>, 2017.

## **Report of Education of Patients and Service to the Community**

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## Activities

- 2004 St. Francis House Moving Ahead Program, Boston, MA / Mentor (no sponsor)  
Supervised a work placement at the Division on Addictions
- 2007 Museum of Science Adult Workshop Series, Boston, MA / Invited Lecture:  
Evolution and Addiction
- 2009 Williams College Office of Career Counseling Workshop, Williamstown, MA /  
Invited Panelist: Your Career in Psychology: Graduate School and Beyond
- 2010 Williams College Office of Career Counseling Alumni Panel, Williamstown, MA /  
Invited Panelist: Psychology Majors, Psychology Careers
- 2017 Mental Health/Substance Use Disorder Research Partnership Group, Springfield,  
MA / Invited Presentation: SBIRT: Getting from the S to the BI to the RT

## Report of Scholarship

### Peer reviewed publications in print or other media

#### Research investigations

1. Malle BF, Knobe J, O'Laughlin MJ, Pearce GE, **Nelson SE**. Conceptual structure and social functions of behavior explanations: Beyond person-situation attributions. *Journal of Personality and Social Psychology*. 2000;79:309-326.
2. Dishion TJ, Kavanagh K, Schneiger A, **Nelson SE**, Kaufmann NK. Preventing early adolescent substance use: A family-centered strategy for the public middle school. *Prevention Science*. 2002;3(3):191-201.
3. Dishion TJ, **Nelson SE**, Kavanagh K. The Family Check-Up for high-risk young adolescents: Motivating parent monitoring and reducing problem behavior. *Behavior Therapy*. 2003;34:553-571.
4. Dishion TJ, **Nelson SE**, Bullock BM, Winter CE. Adolescent friendship as a dynamic system: Entropy and deviance in the etiology and course of male antisocial behavior. *Journal of Abnormal Child Psychology*. 2004;32(6):651-663.
5. Dishion TJ, **Nelson SE**, Bullock, BM. Premature adolescent autonomy: Family management and deviant peer process in the amplification of problem behavior. *Journal of Adolescence*. 2004;27(5):515-530.
6. **Nelson SE**, Dishion TJ. From boys to men: Predicting adult aggression from middle childhood sociometric status. *Development and Psychopathology*. 2004;16:441-459.
7. Dishion TJ, **Nelson SE**, Yasui M. Predicting early adolescent gang involvement from middle school adaptation. *Journal of Clinical Child and Adolescent Psychology*. 2005;34(1):62-73.
8. LaPlante DA, **Nelson SE**, LaBrie RA, Shaffer HJ. Men and women playing games: Gender and the gambling preferences of Iowa Gambling Treatment Program participants. *Journal of Gambling Studies*. 2006;22(1):65-80.

9. **Nelson SE**, LaPlante DA, LaBrie RA, Shaffer HJ. The proxy effect: Gender and gambling problem trajectories of Iowa Gambling Treatment Program participants. *Journal of Gambling Studies*. 2006;22(2):221-240.
10. Shaffer HJ, Stanton MV, **Nelson SE**. Trends in gambling studies research: Quantifying, categorizing, and describing citations. *Journal of Gambling Studies*. 2006;22(4):427-442.
11. LaBrie RA, LaPlante DA, **Nelson SE**, Schumann A, Shaffer HJ. Assessing the playing field: A longitudinal study of Internet sports gambling behavior. *Journal of Gambling Studies*. 2007;23(3):347-362.
12. LaBrie RA, **Nelson SE**, LaPlante DA, Peller AJ, Caro G, Shaffer HJ. Missouri casino self-excluders: Distributions across space and time. *Journal of Gambling Studies*. 2007;23(2):231-243.
13. Malle BF, Knobe J, **Nelson SE**. Actor-observer asymmetries in behavior explanations: New answers to an old question. *Journal of Personality and Social Psychology*. 2007;23(3):347-362.
14. Shaffer HJ, **Nelson SE**, LaPlante DA, LaBrie RA, Caro G, Albanese M. The epidemiology of psychiatric disorders among repeat DUI offenders accepting a treatment sentencing option. *Journal of Consulting and Clinical Psychology*. 2007;75(5):795-804.
15. LaPlante DA, **Nelson SE**, Odegaard, SS, LaBrie RA, Shaffer HJ. Substance and psychiatric disorders among men and women repeat driving under the influence offenders who accept a treatment-sentencing option. *Journal of Studies on Alcohol and Drugs*. 2008;69(2):209-217.
16. LaBrie RA, Kaplan, SA, LaPlante DA, **Nelson SE**, Shaffer HJ. Inside the virtual casino: A prospective longitudinal study of actual Internet casino gambling. *European Journal of Public Health*. 2008; 18(4): 410-416.
17. **Nelson SE**, LaPlante DA, Peller AJ, Schumann A, LaBrie RA, Shaffer HJ. Real limits in the virtual world: Self-limiting behavior of Internet gamblers. *Journal of Gambling Studies*. 2008; 24: 463-477.
18. **Nelson SE**, Gebauer L, LaBrie RA, Shaffer HJ. Gambling problem symptom patterns and stability across individual and timeframe. *Psychology of Addictive Behaviors*. 2009; 23(3): 523-533.
19. LaPlante DA, Kleschinsky JH, LaBrie RA, **Nelson SE**, Shaffer HJ. Sitting at the virtual poker table: A prospective epidemiological study of actual Internet poker gambling behavior. *Computers in Human Behavior*. 2009; 25(3): 711-717.
20. Albanese MJ, **Nelson SE**, Peller AJ, Shaffer HJ. Bipolar disorder as a risk factor for repeat DUI behavior. *Journal of Affective Disorders*. 2010; 121: 253-257.
21. **Nelson SE**, Kleschinsky JH, LaBrie RA, Kaplan SA, Shaffer HJ. One decade of self exclusion: Missouri Casino self-excluders four to ten years after enrollment. *Journal of Gambling Studies*. 2010; 26: 129-144.
22. Martin RJ, Usdan S, **Nelson SE**, Umstadd R, LaPlante DA, Perko M, Shaffer HJ. Using the theory of planned behavior to predict gambling behavior. *Psychology of Addictive Behaviors*. 2010; 24: 89-97.
23. Schuman-Olivier Z, Albanese M, **Nelson SE**, Roland L, Puopolo F, Klinker L, Shaffer HJ. Self-treatment: Illicit buprenorphine use by opioid dependent treatment seekers. *Journal of Substance Abuse Treatment*. 2010; 39: 41-50.
24. Peller AJ, Najavits LM, **Nelson SE**, LaBrie RA, Shaffer HJ. PTSD among a treatment sample of repeat DUI offenders. *Journal of Traumatic Stress*. 2010; 23: 468-473.

25. LaPlante DA, **Nelson SE**, LaBrie RA, Shaffer HJ. The relationships among disordered gambling, type of gambling, and gambling involvement in the British Gambling Prevalence Survey 2007. *European Journal of Public Health*. 2011; 21: 532-537.
26. Martin RJ, **Nelson S**, Turner S., Usdan S. Predicting college student gambling frequency using the Theory of Planned Behavior: Does the theory work differently for disordered and non-disordered gamblers? *Analysis of Gambling Behavior*. 2011; 5(2): 45-62.
27. **Nelson SE**, Gray H, Maurice I. Moving Ahead: Evaluation of a Work-Skills Training Program for Homeless Adults. *Community Mental Health Journal*. 2012; 48(6): 711-722.
28. Braverman J, LaPlante DA, **Nelson SE**, Shaffer HJ. Using cross-game behavioral markers for early identification of high-risk Internet gamblers. *Psychology of Addictive Behaviors*. 2013; 27: 868-877.
29. LaPlante DA, **Nelson SE**, Gray HM. Breadth and depth involvement: Understanding Internet gambling involvement and its relationship to gambling problems. *Psychology of Addictive Behaviors*. 2014; 28(2): 396-403.
30. Martin RJ, **Nelson SE**. Fantasy sports, real money: Exploration of the relationship between fantasy sports participation and gambling-related problems. *Addictive Behaviors*. 2014; 39(10): 1377-1382.
31. **Nelson SE**, Van Ryzin M, Dishion TJ. Alcohol, marijuana, and tobacco use trajectories from age 12 to 24 years: Demographic correlates and young adult substance use problems. *Development and Psychopathology*. 2015; 27(1): 253-277.
32. **Nelson SE**, Belkin K, LaPlante DA, Bosworth L, Shaffer HJ. A prospective study of psychiatric comorbidity and recidivism among repeat DUI offenders. *Archives of Scientific Psychology*. 2015; 3(1): 8-17.
33. Gray HM, Shaffer PM, **Nelson SE**, Shaffer HJ. Changing social networks among homeless individuals: A prospective evaluation of a job- and life-skills training program. *Community Mental Health Journal*. 2016; 52(7), 799-808.
34. Martin RJ, **Nelson SE**, Gallucci A. Game-on: Past-year gambling, gambling-related problems, and fantasy sports gambling among college athletes and non-athletes. *Journal of Gambling Studies*. 2016; 32(2), 567-579.
35. Gray HM, **Nelson SE**, Shaffer HJ, Stebbins P, Farina AR. How do homeless adults change their lives after completing an intensive job skills program? *Journal of Community Psychology*. 2017; 45, 888-905.
35. Mitchell MK, Ramsey LR, **Nelson SE**. The body image of women at a homeless service center: An analysis of an underrepresented, diverse group. *Gender Issues* 2017; Online First.
36. **Nelson SE**, LaPlante DA, Gray HM, Tom, MA, Kleschinsky JH, Shaffer HJ. Already at the table: Patterns of play and gambling involvement prior to gambling expansion. *Journal of Gambling Studies*. 2017; Online First.

#### Other Peer-Reviewed Publications

1. Malle BF, **Nelson SE**. Judging mens rea: The tension between folk concepts and legal concepts of intentionality. *Behavioral Sciences and the Law*. 2003; 21(5):563-580.

2. Shaffer HJ, LaBrie RA, LaPlante DA, **Nelson SE**, Stanton MV. The road less traveled: Moving from distribution to determinants in the study of gambling epidemiology. *Canadian Journal of Psychiatry*. 2004; 49(8):504-516.
3. **Nelson SE**, LaPlante DA, Peller AJ, LaBrie RA, Caro G, Shaffer HJ. Implementation of a computerized psychiatric assessment tool at a DUI treatment facility: A case example. *Administration and Policy in Mental Health*. 2007; 34(5):489-493.
4. Dishion TJ, **Nelson SE**. Male adolescent friendships: Relationship dynamics that predict adult adjustment. In: Engels R, Stattin H, Kerr M, editors. *Friends, lovers, and groups: Key relationships in adolescence*. West Sussex, England: John Wiley & Sons, Ltd; 2007. pp. 11-32.
5. LaPlante DA, **Nelson SE**, LaBrie RA, Shaffer HJ. Stability and progression of disordered gambling: Lessons from longitudinal studies. *Canadian Journal of Psychiatry*. 2008; 53(1):52-60.
6. Kleschinsky JH, Bosworth LB, **Nelson SE**, Walsh EK, Shaffer HJ. Persistence pays off: Follow-up methods for difficult-to-track longitudinal samples. *Journal of Studies on Alcohol and Drugs*. 2009; 70(5): 751-761.
7. Shaffer HJ, Peller AJ, LaPlante DA, **Nelson SE**, LaBrie RA. Toward a paradigm shift in Internet Gambling Research: From opinion and self-report to actual behavior. *Addiction Research and Theory*. 2010; 18(3): 270-283.
8. **Nelson SE**, Tao D. Driving under the influence. In: Shaffer H, LaPlante D, Nelson S, editors. *The APA Addiction Syndrome Handbook (Vol. 2. Recovery, Prevention, and Other Issues)*. Washington, D.C.: American Psychological Association Press; 2012. pp. 365-407.
9. LaPlante DA, **Nelson SE**, LaBrie RA, Shaffer HJ. The bwin.party Division on Addiction research collaborative: Challenges for the 'normal science' of Internet gambling. In Williams RJ, Wood RT, Parke J, editors. *Routledge International Handbook of Internet Gambling*. New York: Routledge; 2012. pp.161-179.
10. Shaffer HJ, Gray HM, **Nelson SE**, LaPlante DA. Technology, the Internet, and gambling: How the medium can facilitate addiction, adaptation, and intervention. In Faust D, Potenza MN, editors. *The Oxford Handbook of Digital Technologies and Mental Health*. Oxford University Press. In press.
11. LaPlante DA, Gray HM, **Nelson SE**, Tom MA. Gambling expansion & responsible gambling: Case Study, Massachusetts. SUCHT. (Special Issue on Responsible Gambling: Challenges and concepts, vision or fiction?) In press.

### **Non-peer reviewed scientific or medical publications/materials in print or other media**

#### Reviews, chapters, monographs and editorials

1. **Nelson SE**. Evaluation of the Restorative Justice Program. Eugene, OR: Lane County Department of Youth Services; 2001.
2. **Nelson SE**. Evaluation of the Community Service Program. Eugene, OR: Lane County Department of Youth Services; 2001.

3. Oregon Youth Authority\*. Oregon's statewide report on juvenile recidivism 1995-1998. Oregon: State of Oregon; 2001. (Report required by Oregon Statute 420A.012.) (\*Analyzed data and drafted manuscript.)
4. Oregon Youth Authority\*. Oregon's statewide report on juvenile recidivism 1996-2000. Oregon: State of Oregon; 2002. (Report required by Oregon Statute 420A.012.) (\*Analyzed data and drafted manuscript.)
5. Oregon Youth Authority\*. Oregon's statewide report on juvenile recidivism 1998-2002. Oregon: State of Oregon; 2004. (Report required by Oregon Statute 420A.012.) (\*Analyzed data and drafted manuscript.)
6. Shaffer HJ, LaBrie RA, Caro G, LaPlante DA, **Nelson SE**. Disordered gambling in Missouri: Regional differences in need for treatment. Boston, MA: Division on Addictions, Harvard Medical School; 2004. (Sponsored by the Greater Kansas City Community Foundation.)
7. Shaffer HJ, LaBrie RA, LaPlante DA, Kidman RC, **Nelson SE**. The Iowa Gambling Treatment Program Evaluation Services Project: Follow-up study. Boston, MA: Division on Addictions, Harvard Medical School; 2005. (Sponsored by the State of Iowa Department of Public Health.)
8. LaBrie RA, LaPlante DA, Peller AJ, **Nelson SE**, Emerson PVD, Shaffer HJ. The Division on Addictions - ValueOptions collaborative: Final report. Medford, MA: Division on Addictions, Harvard Medical School; 2006. (Sponsored by ValueOptions.)
9. Shaffer HJ, Peller AJ, LaPlante DA, **Nelson SE**, LaBrie RA. Toward a paradigm shift in Internet gambling research: From opinion and self-report to actual behavior. Medford, MA: Division on Addictions, Cambridge Health Alliance; 2008. (Sponsored by bwin, Interactive Entertainment, AG.)
10. **Nelson SE**, Maurice I, Shaffer HJ. St. Francis House Moving Ahead Program (MAP): Phase I report. Medford, MA: Division on Addictions, Cambridge Health Alliance; 2008. (Sponsored by St. Francis House.)
11. **Nelson SE**, Maurice I, Shaffer HJ. St. Francis House Moving Ahead Program (MAP): Phase II report. Medford, MA: Division on Addictions, Cambridge Health Alliance; 2008. (Sponsored by St. Francis House.)
12. Kleschinsky JH, Kaplan SA, **Nelson SE**, LaBrie RA, Shaffer HJ. The Missouri Voluntary Exclusion Program: Participant Experiences across 10 Years. Medford, MA: Division on Addictions, Cambridge Health Alliance; 2008. (Sponsored by the Kansas City Port Authority Problem Gambling Fund.)
13. **Nelson SE**. Evaluating the Missouri Voluntary Exclusion Program. In: Increasing the odds (Volume 5). Washington, DC: National Center for Responsible Gaming; 2010. pp. 18-24.
14. **Nelson SE**. St. Francis House Linking, Evaluation, Assessment, and Data System (LEAD): 2010 report. Medford, MA: Division on Addictions, Cambridge Health Alliance; 2011. (Sponsored by St. Francis House.)
15. Shaffer HJ, LaPlante DA, **Nelson SE** (Eds.). The APA Addiction Syndrome Handbook (Vol. 1. Foundations, Influences, and Expressions of Addiction). Washington, D.C.: American Psychological Association Press; 2012.
16. Shaffer HJ, LaPlante DA, **Nelson SE** (Eds.). The APA Addiction Syndrome Handbook (Vol. 2. Recovery, Prevention, and Other Issues). Washington, D.C.: American Psych. Assoc. Press; 2012.

17. Shaffer HJ, LaPlante DA, **Nelson SE**. Introduction. In: Shaffer H, LaPlante D, Nelson S, editors. *The APA Addiction Syndrome Handbook* (Vol. 1. Foundations, Influences, and Expressions of Addiction). Washington, D.C.: American Psychological Association Press; 2012. pp. xxvii-lx.
18. **Nelson SE**, Kleschinsky JH, LaPlante DA, Gray HM, Shaffer HJ. A benchmark study for monitoring exposure to new gambling opportunities: Final report. Medford, MA: Division on Addiction, Cambridge Health Alliance; 2013. (Sponsored by National Center for Responsible Gaming.)
19. Spectrum Gaming Group & the Division on Addiction\*. State of Florida Gaming Study, Part 1, Section B: Assessment of Potential Changes to Florida Gaming Industry and Resulting Economic Effects. Florida: State of Florida; 2013. (\*Contributed to Part V. Assessment of likely social costs of expanded gaming.)

### **Professional educational materials or reports, in print or other media**

1. **Nelson SE**. Wag the dog. Boston, MA: The Weekly Addiction Gambling Education Report; 2004. Online editorial.
2. Shaffer HJ, LaBrie RA, Albanese M, LaPlante DA, **Nelson SE**, Kidman RC, Donato AN, Stanton MV, Odegaard S. Alcohol use and driving: A continuing public health crisis. Medford, MA: The Brief Addiction Science Information Source; 2005. Online editorial.
3. **Nelson SE**. Pandora's black box: Crime, addiction, behaviorism, and agency. Medford, MA: The Brief Addiction Science Information Source; 2005. Online editorial.
4. **Nelson SE**. Regulations and personal liberty: Three axes to grind. Medford, MA: The Brief Addiction Science Information Source; 2005. Online editorial.
5. LaPlante DA, LaBrie RA, **Nelson SE**, Schumann A, Shaffer HJ. The state of public health research on Internet gambling. Medford, MA: The Brief Addiction Science Information Source; 2007. Online editorial.
6. Shaffer HJ, LaPlante DA, LaBrie RA, **Nelson SE**. Detecting at-risk Internet gambling behavior. Medford, MA: The Brief Addiction Science Information Source; 2007. Online editorial.
7. **Nelson SE**. An inconvenient leak: Climategate and the Transparency Project. Medford, MA: The Brief Addiction Science Information Source; 2009. Online editorial.
8. Shaffer HJ, LaPlante DA, **Nelson SE**, Kleschinsky JH. Can Massachusetts evaluate the impact of its gambling expansion? Medford, MA : The Brief Addiction Science Information Source ; 2013. Online editorial.
9. **Nelson SE**. What influences driving under the influence? Medford, MA: The Brief Addiction Science Information Source; 2015. Online editorial.

### **Thesis**

1. **Nelson SE**. Spirit of the game: The psychology of gender and competition. Williamstown, MA: Williams College; 1998.
2. **Nelson SE**. Explaining intentional actions in the context of social perception and judgment. Eugene, OR: University of Oregon; 1999.

3. **Nelson SE**. Setting the story straight: A study of discrepant accounts of conflict and their convergence. Eugene, OR: University of Oregon; 2003.

**Abstracts, Poster Presentations and Exhibits Presented at Professional Meetings (not yet published)**

1. **Nelson SE**, LaPlante DA, LaBrie RA, Shaffer HJ. Predicting excessive gambling from early betting patterns: A prospective dynamic systems analysis of play patterns among Internet sports gamblers. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; April, 2009. Boston, MA.
2. Marshall E, **Nelson SE**. Repeat DUI offenders' explanations for their DUI behavior. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2010. Boston, MA.
3. Zaman T, **Nelson SE**, LaPlante DA, Belkin K, Shaffer HJ. ADHD and criminal offenses among repeat DUI Offenders. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; April, 2013. Boston, MA.
4. Shoov E, Jeng J, **Nelson SE**. Checkpoint ahead: Computerized screening of mental health disorders in a DUI setting. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2014. Boston, MA.
5. **Nelson SE**, Kleschinsky JH. Gambling involvement in Massachusetts: A benchmark study for monitoring exposure to new gambling opportunities. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2014. Boston, MA.
6. Belkin K, Mitchell M, **Nelson SE**. DUI: Depression under the influence? Symptoms of depression in a sample of repeat DUI offenders. Poster presented at the Association for Psychological Science Annual Conference; May, 2014. San Francisco, CA.
7. **Nelson SE**, LaPlante DA, Gray HM, Shaffer HJ. From biomarkers to behavioral markers: Big data and Internet gambling. Poster presented at the Association for Psychological Science Annual Conference, Big Data Special Emphasis Track; May, 2014. San Francisco, CA.
8. Keating LM, **Nelson SE**. Psychiatric comorbidity among first-time and repeat DUI offenders. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2016. Boston, MA.
9. Conte A, Kleschinsky JH, **Nelson SE**. Exploring symptoms of generalized anxiety disorder among repeat DUI offenders. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2016. Boston, MA.
10. Shoov E, Gray H, **Nelson SE**. DUI as self-harm behavior. Poster presented at the Harvard Medical School Department of Psychiatry Research Day; March, 2016. Boston, MA.

## **Narrative Report**

I am an Assistant Professor in the Department of Psychiatry at Harvard Medical School and the Associate Director of Research at the Division on Addiction (the Division), Cambridge Health Alliance (CHA). At the Division, I currently am pursuing four major lines of research: (1) studying the etiology of addiction, investigating the individual trajectories of people who develop problems with addiction and developing predictive models of that development, (2) evaluating voluntary gambling interventions, such as self-exclusion, and their relationship with more formal treatment-seeking behaviors, (3) determining the needs of Native youth and their communities around addiction and recovery, and (4) investigating the relationship between DUI offense, psychiatric comorbidity, and other psychosocial factors. The common thread throughout my studies has been the investigation of problem behaviors (e.g., why people act in self- and other- destructive ways): the causes, consequences, and prevention of those behaviors.

One way in which I have attempted to better conceptualize both the etiology of addiction and how addiction relates to other problem behaviors is through the study of a behavioral addiction, gambling. My gambling-related work has focused on the etiology of gambling problems, specifically the development and stability of gambling problems within individuals. My colleagues and I have found that often-cited gambling problem trajectory differences between men and women could be attributed to other factors, including psychosocial characteristics and age of gambling initiation. I was involved as an investigator on a seminal 10-year study of Internet gambling behavior. The Division collaborated with a large Internet gambling provider, *bwin.party* to analyze their data and help to improve their responsible gambling programs. As part of that project, we analyzed data from more than 40,000 *bwin.party* subscribers, describing the epidemiology of online betting behavior, and developing predictive models based on early play patterns to detect subscribers who are at risk for gambling problems. Recently, the Division has begun a 5-year project, on which I am an investigator, that builds upon this previous work, investigating the play patterns and predictors of risk among online daily fantasy sports subscribers. Currently, I am also leading a project funded by the MA Gaming Commission to evaluate the state's Voluntary Exclusion Program. This work involves not only assessing outcomes for individuals enrolled in the program, but also investigating the characteristics of those who enroll and the mediators of positive outcomes.

To study the interface between addiction and other problem behaviors, I have also focused throughout the past decade on driving under the influence of intoxicants (DUI) behavior. My DUI work began with my collaboration on an NIAAA-funded R01 grant to study substance abuse and mental health in repeat DUI offenders. Analyses of this sample demonstrated considerable psychiatric comorbidity. I have recently completed analyses of the follow-up data, investigating the relationship between comorbidity and DUI re-offense, as well as the intersection between criminal profiles and comorbidity. The findings from this project have the potential to influence treatment for repeat DUI offenders. I am currently the co-PI on a seven-year project focused on applying our research to clinical practice. The project has involved the development and implementation of a mental health assessment system (the Computerized Assessment and Referral System: CARS) at DUI programs across the state of Massachusetts, a randomized clinical trial of CARS at two of those agencies, and six-month follow-up with more than 300 DUI offenders enrolled in the study. This trial has allowed us not only to collect information about the usability of CARS and its efficacy as a brief intervention, but also to establish a longitudinal sample of DUI offenders. Last year, we expanded our CARS activities to include six national pilot sites who



used the program with their DUI clients. We released CARS publicly in June 2017 at [www.carstrainingcenter.org](http://www.carstrainingcenter.org).

My teaching activities have included invited presentations at international, national and local conferences, seminar offerings, CME activities, and mentoring research assistants and interns. I interweave all of my teaching with examples and exercises that provide a basic survey of how science progresses and encourage people to think critically about research and practice. Though the content might fade, I hope to leave people with the ability to evaluate the science they read for themselves and apply the relevant science to their clinical practice. More formally, I have developed and co-directed a research methods seminar for health professionals at CHA. I am also the course director for an online CME course, “Research Methods for Health Professionals” available through the Harvard Medical School online CME program.