

## HARVARD MEDICAL SCHOOL CURRICULUM VITAE: JOHN R. KNIGHT, M.D.

**Date prepared:** April 28, 2015  
**Name:** John Rogers Knight  
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**Place of Birth:** Quincy, MA, USA

### **Education:**

1968-1972	B.A. magna cum laude	Biology, Psychology	Boston University College of Liberal Arts
1972-1976	M.D.	Medicine, Pediatrics	University of Vermont College of Medicine

### **Postdoctoral Training:**

### **Internship and Residencies:**

1976-1977	Intern	Pediatrics	Albany Medical Center, Albany, NY
1977-1979	Assist. Resident	Pediatrics	Albany Medical Center

### **Clinical and Research Fellowships:**

1991-1992	Fellow	General Pediatrics	Boston Children's Hospital, Boston, MA
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### **Licensure and Certification:**

1977	New York State	License	Medicine
1978	Massachusetts	License	Medicine
1989	Massachusetts (DPH)	Registration	Schedules II-VI
1989	DEA	Registration	Schedules II-V
1993-2006	American Board of Pediatrics	Diplomate	General Pediatrics
2002-2013	American Board of Pediatrics	Diplomate	Developmental-Behavioral Pediatrics

**Faculty Appointments:**

1977-1979	Assistant Instructor	Pediatrics	Albany Medical College
1992-1994	Clinical Instructor	Pediatrics	Harvard Medical School
1994-1999	Instructor	Pediatrics	Harvard Medical School
1999-2004	Assistant Professor	Pediatrics	Harvard Medical School
2004-	Associate Professor	Pediatrics	Harvard Medical School
2014-	Graduate Faculty- Special Membership	College of Graduate Studies	University of Toledo

**Appointments at Hospitals/Affiliated Institutions:****Past:**

1979-1983	Junior Visiting Staff Physician	Emergency Medicine	Carney Hospital Dorchester, MA
1983-1986	Courtesy Staff Physician	Emergency Medicine	Milton Hospital Milton, MA
1989-1990	Primary Care Physician, Assistant Hospital Physician	Medicine	Boston Children's Hospital/ Wrentham State School Contract
1990-1991	Courtesy Staff Physician	Emergency Medicine	Cardinal Cushing Hospital Brockton, MA
1990-1992	Staff Pediatrician	Medicine	Martha Eliot Health Center Boston, MA
1990-1992	Consulting Staff Physician	Medicine	Charles River Hospital Wellesley, MA
1990-1998	Assistant Physician	Medicine	Boston Children's Hospital
1998-2004	Associate Physician	Medicine and Psychiatry	Boston Children's Hospital

**Current:**

2004-	Senior Associate Physician	Medicine	Boston Children's Hospital
2004-	Associate Physician	Psychiatry	Boston Children's Hospital

**Other Professional Positions:**

1987-1988	Examiner	American Paraprofessional Systems, Wellesley, MA
1990-1992	Pediatric Consultant	Adolescent Psychiatry Units, Charles River Hospital, Wellesley, MA

1990-1992	Pediatric Consultant	Inpatient Psychiatry Unit, Boston Children's Hospital, Boston, MA
1994-2009	Associate Director	Physician Health Services, Massachusetts Medical Society, Waltham, MA
1997-2001	Associate Director for Medical Education	Division on Addictions, Harvard Medical School
2001-2009	Research Consultant	Physician Health Services, Massachusetts Medical Society, Waltham, MA

**Major Administrative Leadership Positions:**

1993-1996	Chief	Richmond Medical Program, Boston Children's Hospital
1993-1998	Director	Substance Abuse Consult and Education Program, Boston Children's Hospital, Boston
1994-2001	Director	Young Adult Team Program Boston Children's Hospital
1996-1998	Acting Chief	Blackfan Medical Service, Boston Children's Hospital
1999-2001	Director of Fellowship Training	Division of General Pediatrics Boston Children's Hospital
1999-2011	Director	Adolescent Substance Abuse Program Boston Children's Hospital
1999-	Director	Center for Adolescent Substance Abuse Research Boston Children's Hospital

**Committee Service, Local:**

**Boston Children's Hospital:**

1990-1992	Clinical Forum <i>Co-Director</i>	Martha Eliot Health Center, Boston, MA [local]
1992-1996	Chair	Substance Abuse Steering Committee
1994-2004	Member	Faculty Council, Department of Medicine
1994-1999	Advisory Board <i>Consultant</i>	Boston HIV Adolescent Provider and Peer Education Network for Services (HAPPENS) Program [local]
1994-2004	Member	Curriculum Committee, Division of General Pediatrics
1996-1999	Member	Committee on Clinical Investigations
1996-2000	Chair	Physician Health Committee
1997-2000	Member	Advisory Board, Community Partnership
1998-2007	Member	Mentoring Committee, Division of General Pediatrics
2001-2007	Chair	Research Committee, Division of General Pediatrics

2005-2007	Member	Future of General Pediatrics Task Force Department of Medicine
2007-	Member	Senior Research Expert Panel Division of Developmental Medicine

**Harvard Medical School:**

1995-1997	Chair	Residency Education Task Force Division on Addictions
1997-1998	Chair	Education Task Force, Division on Addictions
1998-2004	Director	Addictions Theme
2008-2013	Member	Promotion and Review Board [for students]

**Committee Service, Regional:**

1992-1996	Substance Abuse Advisory Council <i>Member</i>	Conference of Boston Teaching Hospitals
2004-2010	Data and Safety Monitoring Board <i>Member</i>	Center to Prevent Alcohol Problems among Young People, Boston University School of Public Health
2012-	<i>Research in Addiction Medicine Scholars Mentor</i>	Clinical Addiction Research & Education Unit, Boston University School of Medicine

**Committee Service, National:**

1993-1998	Physician Consortium on Substance Abuse Education <i>Member</i>	Physician Consortium
1997	Consensus Panel on Medical Practice Guidelines <i>Member</i>	National Association for Children of Alcoholics
1997	Development of Behavioral Therapies for Drug Abuse in Early Adolescents <i>Member</i>	National Institute on Drug Abuse
1997	Core Competencies Panel, Involvement of Health Care Providers in the Care of Children in Families Affected by Substance Abuse <i>Member</i>	Office of National Drug Control Policy
1997	Development of a POSIT- HIV/STD Screen <i>Member</i>	National Institute on Drug Abuse

2000	The Expanding Role of Primary Care in the Prevention and Treatment of Alcohol Use Disorders: Research and Policy Issues <i>Chair, Panel on Adolescents</i>	National Institute on Alcohol Abuse and Alcoholism, Agency for Healthcare Research and Quality, Health Resources and Services Administration, Substance Abuse and Mental Health Services Administration
2000-2003	Faculty Development Program to Improve Health Professional Education in Substance Abuse <i>National Mentor</i>	Health Resources and Services Administration, Association for Medical Education and Research in Substance Abuse, Substance Abuse and Mental Health Services Administration, Center for Substance Abuse Treatment
2001	Finding Treatment for Adolescents: Expert Panel on Teen Treatment <i>Member</i>	Drug Strategies, Inc., Washington DC
2001	Youth Health Services Expert Meeting, Screening Adolescents for Substance Abuse, Vermont Child Health Improvement Project <i>Member</i>	National Initiative for Children's Healthcare Quality
2003	Primary Care Physician Outreach Work Group <i>Member</i>	National Institute on Drug Abuse
2004-2008	Taskforce on Strategic Planning in Substance Abuse Education and Research <i>Member</i>	American Academy of Child & Adolescent Psychiatry
2005	Preventing Underage Alcohol Use: A National Meeting of the States <i>Expert Consultant</i>	National Institute on Alcohol Abuse and Alcoholism
2006	Physician Work Group <i>Member</i>	National Institute on Drug Abuse
2007	Underage Drinking Research Initiative <i>Member</i>	National Institute on Alcohol Abuse and Alcoholism
2007	Screening and Brief Intervention for Drug Abuse in Health Care Settings: Building the Evidence Base through Provider Research <i>Member</i>	National Institute on Drug Abuse
2008	Screening for Drug Abuse in General Medical Settings: Resources for Clinicians <i>Member</i>	National Institute on Drug Abuse

2009	Behavioral Intervention Research <i>Member</i>	National Institute on Dental and Craniofacial Research
2011	Adolescent Drug Screening in General Medical Settings: Resources for Clinicians <i>Member</i>	National Institute on Drug Abuse
2011	Surgeon General's Expert Panel Meeting: Prescription Drug Abuse in Youth <i>Member</i>	National Institute on Drug Abuse
2011-2014	Committee on Methadone Safety <i>Panel Member</i>	American Pain Society/College on Problems of Drug Dependence
2011-	NIDA Clinical Trials Network Florida Node Alliance <i>Steering Committee Member</i>	National Institute on Drug Abuse
2013-	Prescribers' Clinical Support System for Opioid Therapies <i>Steering Committee Member</i>	American Academy of Addiction Psychiatry
2013-	Research and Addiction Medicine Scholars Program <i>National Advisory Committee Member</i>	Boston University School of Medicine
2014-	NIDA Clinical Trials Network: Adolescent SBIRT Trial <i>Steering Committee Member</i>	National Institute of Drug Abuse
2015	What are the Key Lessons Learned in the Forty-Year War on Drugs? <i>National Symposium Member</i>	Radcliffe Institute for Advanced Studies Harvard University

**Professional Societies:**

1993-	American Academy of Pediatrics
1996-	<i>(Massachusetts Chapter), Committee on Substance Abuse, Chair</i>
1998-2001	<i>(Massachusetts Chapter), Nominating Committee, Member</i>
1999-2004	<i>(Massachusetts Chapter), Mental Health Task Force, Member</i>
2000-2006	<i>(National) Committee on Substance Abuse, Member</i>
2004	<i>(National) ADHD and Adolescence Work Group, Member</i>
2004	<i>(National) Child and Adolescent Health/Community Pediatrics Joint Action Group, Member</i>

1993- Association for Medical Education and Research in Substance Abuse  
1994-2004 *Program Committee, Member*  
1995-2004 *Residency Education Task Force, Member*  
1999-2001 *Executive Board, Member*  
1994-2005 Ambulatory Pediatric Association  
1999-2004 *Education Committee, Member*  
1995-1998 Society for Developmental Behavioral Pediatrics  
1999 *Committee on Advocacy, Member*  
1996-1999 Society for Adolescent Medicine  
1999-2009 Research Society on Alcoholism  
2005- American Pediatric Society (elected)

**Grant Review Activities:**

1998	Effectiveness of Children's Mental Health & Substance Abuse Treatment in the General Health Sector <i>Ad hoc member</i>	Agency for Health Care Policy Research, HRSA, USDHHS
2001-2003	Substance Abuse Policy Research Program, Round VI <i>Reviewer</i>	Robert Wood Johnson Foundation
2001	Fleur-de-Lis Grant Awards Program <i>Ad hoc reviewer</i>	Saint Louis University, School of Medicine, Pediatric Research Institute
2004, 2006	Clinical and Treatment Subcommittee (AA3) <i>Ad hoc member</i>	National Institute on Alcohol Abuse and Alcoholism, NIH, USDHHS

**Editorial Activities:**

**Ad hoc Reviewer:**

Pediatrics  
Archives of Pediatrics and Adolescent Medicine  
Journal of Pediatrics  
Ambulatory Pediatrics  
Journal of Adolescent Health  
Substance Abuse  
Alcoholism: Clinical and Experimental Research  
Drug and Alcohol Dependence

## Journal of Studies on Alcohol and Drugs

**Other Editorial Roles:**

1995-1996	Expert Reviewer, National Faculty	The Classification of Child and Adolescent Mental Diagnoses in Primary Care (book) American Academy of Pediatrics
1997	Expert Reviewer	Opening and Closing Pandora's Box: A Manual for Pediatric Clinicians (book) The Children of Alcoholics Foundation
2002	Expert Reviewer	Substance Abuse: A Guide for Health Professionals, second edition (book) American Academy of Pediatrics
2007	Guest Editor	Abuse of Prescribed Medications: Awareness and Solutions for Reducing the Potential & Minimizing the Risk: Elsevier Science Literature Review Series (journal)
2007	Guest Editor	Special Edition: Spirituality and Substance Use Southern Medical Journal (peer-review journal)
2007	Expert Reviewer	National Adolescent Health Information Center (website)
2007-2008	Section Editor	Principles of Addiction Medicine (book)
2009-2010	Expert Reviewer	Adolescent and Young-Adult Alcohol and Drug Abuse Treatment (e-book) Partnership for a Drug Free America

**Honors and Prizes:**

1998	Best Scientific Research Abstract Award for <i>The CRAFFT questions: A new brief screen for adolescent substance abuse</i>	Association for Medical Education and Research in Substance Abuse Annual Meeting, Washington, D.C.
1999	Research Scholar Program Award	Boston Children's Hospital
2000	Marilyn Haynie Award for Excellence in Mentoring	Boston Children's Hospital
2002	Best Scientific Research Abstract Award for <i>Validity of brief alcohol screening tests among adolescents: A comparison of the AUDIT, POSIT, CAGE and CRAFFT</i>	Association for Medical Education and Research in Substance Abuse Annual Meeting, Washington, D.C.
2002	Excellence in Mentorship Award	Association for Medical Education and Research in Substance Abuse



2006	Best Scientific Research Abstract Award for <i>Prevalence of Positive Screens for Substance Abuse Among Adolescent Primary Care Patients</i>	Association for Medical Education and Research in Substance Abuse Annual Meeting, Washington, D.C.
2008-	Developmental Medicine Endowed Chair	Boston Children's Hospital
2009	Best Scientific Research Abstract Award for <i>A Computerized SBIRT System to Improve Brief Counseling for Adolescent Substance Use in Primary Care</i>	Association for Medical Education and Research in Substance Abuse Annual Meeting, Washington, D.C.
2010	Best Scientific Research Abstract Award for <i>Evaluation of a Computerized SBIRT System for Adolescent Substance Use: 3- and 12-Month Outcomes</i>	Association for Medical Education and Research in Substance Abuse Annual Meeting, Washington, D.C.
2011	Distinguished Academic Achievement Award	University of Vermont College of Medicine
2011	John P. McGovern Award	Association for Medical Education and Research in Substance Abuse
2013	James H. Tharp Award	American Society for Addiction Medicine

**RESEARCH REPORT:**

\*TDC=Total Direct Costs (excluding institutional overhead)

**Past Funded Projects:**1996-1999 **The Collaborative Office Rounds Program**

PI	Maternal and Child Health Bureau (MCHB) Training: Grant # T21MC000122	TDC*: \$32,727
Goal: to foster the education of community pediatricians in the management of developmental, behavioral, and psychosocial problems in children and adolescents, including substance abuse, using problem-based learning.		

1996-1998 **A Case-Based Curriculum on Child Growth and Development**

PI	Genentech Foundation for Growth and Development Training	TDC: \$45,454
Goal: to produce a standardized case-based curriculum on important topics in child growth, development, behavior, and adolescent health.		

1996-1999 **The Bright Futures Center for Curriculum Development in Behavioral Pediatrics and Adolescent Health (PI: S. Jean Emans, MD)**

Co-PI	MCHB Training: Grant# MCJ-259368	
Goal: to produce a case-based curriculum on child growth, development, behavior, and adolescent health; to disseminate it to every U.S. residency and fellowship training program in pediatrics, developmental-behavioral pediatrics, adolescent medicine, and family practice.		

1998-2000 **A Case-Based Curriculum on Child Growth and Development: Phase II**

PI	Genentech Foundation for Growth and Development Training	TDC: \$136,363
Goal: to produce a case-based curriculum on child growth, development, behavior, and adolescent health; to construct an Internet site, <a href="http://www.pedicases.org">http://www.pedicases.org</a> , for dissemination to faculty, trainees, and students worldwide.		

1998-1999 **The Reaction to a Policy Banning Alcohol on Massachusetts State College Campuses**

PI	Robert Wood Johnson Foundation (RWJF) Substance Abuse Policy Research Program Research: ID # 034926	TDC: \$90,909
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Goal: to assess the opinions and behaviors of college presidents, deans of students, campus security chiefs, and students in the year following implementation of a new policy placing greater restrictions on alcohol consumption in a statewide system of colleges and universities in MA.

1999-2002 **The Collaborative Office Rounds Program**

PI	MCHB Training: Grant # T21MC000122	TDC: \$32,727
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Goal: to foster the education of community pediatricians in the management of developmental, behavioral, and psychosocial problems in children and adolescents, including substance abuse, using problem-based learning.

1999-2001 **The Evaluation of a New Alcohol Policy for Massachusetts State Colleges**

PI	RWJF Substance Abuse Policy Research Program: ID # 307858	TDC: \$318,181
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Goal: to assess the opinions and behaviors of college presidents, deans of students, campus security chiefs, and students three years after implementation of a new policy placing greater restrictions on alcohol consumption in a statewide system of colleges and universities in MA.

1999-2002 **Managing Adolescent Substance Abuse**

PI	RWJF Research: ID # 036126	TDC: \$336,489
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Goal: to develop a theory-based approach, therapist manual and training protocol, and to determine the feasibility of a new brief Motivational Enhancement Therapy (MET) intervention for adolescent substance abuse.

1999-2002 **Identifying Adolescent Alcohol Use in the Medical Office**

PI	National Institute on Alcohol Abuse and Alcoholism (NIAAA) Research: R01 AA12165	TDC: \$266,877
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Goal: to measure the criterion validity of the CRAFFT substance abuse screening test among adolescent primary medical care patients.

2000-2002 **Administrative Supplement for Underrepresented Minorities**

PI, Mentor	NIAAA Research: 3 R01 AA12165-01A1S1	TDC: \$70,815
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Goal: to support research activities by Celeste R. Wilson, MD; she will measure the correlation between diagnostic impressions of adolescents' providers and diagnostic severity categories derived from a structured psychiatric interview.

2000-2003 **Spirituality and Alcohol Use in Adolescents**

PI	NIAAA, Fetzer Foundation Research: R21 AA13029	TDC: \$125,000
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	Goal: to measure the psychometric properties of the Brief Multidimensional Measure of Religiousness/ Spirituality (BMMRS) among adolescent medical patients and to assess the relationship between BMMRS constructs and adolescents' use of alcohol and drugs.	
2001-2003	<b>Risks and Benefits of Home Drug Testing Policies for Adolescents</b> (PI: Sharon Levy, MD, MPH)	
	Co-PI, Mentor	RWJF Substance Abuse Policy Research Program: ID # 040557
	Goal: to assess the potential risks/benefits, claims of accuracy, and instructions of products marketed via the Internet to parents for laboratory testing of adolescents for drugs of abuse.	
2003-2004	<b>A National Survey of Physicians' Adolescent Drug Testing Practices</b> (PI: Sharon Levy, MD, MPH)	
	Co-PI, Mentor	RWJF Substance Abuse Policy Research Program: ID # 049207
	Goal: to assess the knowledge, attitudes, and practices of pediatrics, adolescent medicine, and family practice primary care providers regarding laboratory testing of adolescents for drugs of abuse	
2002-2005	<b>Implementation of Medical Office Screening for Adolescent Substance Abuse</b>	
	PI	RWJF Research: ID # 045222 TDC: \$687,995
	Goal: to assess the prevalence of positive substance use screens, estimate the prevalence of substance use disorders, and assess preferences for substance use screening methods, among adolescents coming for routine care to a research network of practices	
2003-2006	<b>The Collaborative Office Rounds Program</b>	
	PI	MCHB Training: Grant #T21MC000122 TDC: 40,909
	Goal: to foster the education of community pediatricians in the management of developmental, behavioral, and psychosocial problems in children and adolescents	
2006-2007	<b>Research Supplement for Underrepresented Minorities</b> (Administrative supplement to support the research activities of Neal Rojas, MD)	
	PI	National Institute on Drug Abuse (NIDA) Research: 3 R01 DA014553-03S1 TDC: \$ 89,116
	Goal: to measure the association between attention and impulsivity scores from the Connors Continuous Performance Test and psychoactive substance use in an adolescent substance abuse/dependence outpatient treatment sample.	

2005-2007 **Research Supplement for Underrepresented Minorities** (Administrative supplement to support the research activities of Celeste R. Wilson, MD)

PI	NIDA Research: 3 R01 DA018848-02S1	TDC: \$104,364
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Goal: to measure the association between adolescents' substance use behaviors and reports of parent, sibling, and peer substance use

2006-2007 **Substance Use and HIV Risk Reduction through Science-Based Drug Abuse Education: A High School Pilot Study**  
(PI: Sion Kim Harris, PhD)

Co-Investigator	Aerosmith Endowment Fund
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Goal: To evaluate how receipt of science-based drug abuse education through a science class unit entitled "The Brain: Understanding Neurobiology Through the Study of Addiction," affects high school students' substance use knowledge, attitudes, perceived risk of harm, and behavior.

2004-2010 **Academic Career Award in Adolescent Alcohol Abuse**

PI	NIAAA Career: K07 AA013280	TDC: \$871,473
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Goal: to support career development and research activities of Dr. John Knight in developing and testing new strategies for identification of adolescent alcohol problems in the medical office and providing early intervention services.

2004-2010 **Medical Office Intervention for Adolescent Substance Abuse**

PI	NIDA Research: R01 DA104553	TDC: \$1,250,000
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Goal: to estimate the effect-size and identify significant moderators and mediators of a new brief MET intervention in an adolescent substance abuse/dependence outpatient treatment sample, and to identify characteristics of optimal responders.

2004-2010 **Screening and Brief Advice to Reduce Teen Substance Use**

PI	NIDA Research: R01 DA018848	TDC: \$2,140,756
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Goal: to measure the effect of a computerized screening/physician brief advice intervention on alcohol and drug use among adolescents coming for routine care in a practice-based research network of primary care medical practices in MA, NH, and VT

2006-2010 **International Research Collaboration on Drug Addiction awarded under PAS-03-023** (Competing Supplement to above grant to extend the research plan to the Czech Republic)

PI	NIDA Research: 3 R01 DA018848-03S1	TDC: \$713,249
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Goal: to measure the criterion validity of a Czech-language translation of the CRAFFT screening test and to measure the effect of a Czech-language computerized screening/physician brief advice intervention on alcohol and drug use among adolescents coming for routine care to a practice-based research network of pediatric practices in the greater Prague area.

2006-2011 **The Collaborative Office Rounds Program**

PI	MCHB Training: Grant #T21MC000122	TDC:\$ 68,181
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Goal: to foster the education of community pediatricians in the management of developmental, behavioral, and psychosocial problems in children and adolescents

2008-2013 **Training Residents in Adolescent Screening, Brief Intervention, and Referral to Treatment (SBIRT) (PI: Sharon Levy MD, MPH)**

Co-PI, Mentor	Center for Substance Abuse Treatment, Substance Abuse and Mental Health Services Administration Training: Grant #TI020267
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To design, implement, test, and disseminate a new curriculum for pediatric residents on adolescent substance use SBIRT and medical management strategies for substance-related problems (laboratory testing for drugs, treatment of substance abuse and chronic pain).

2009-2012 **Dental and Medical Office iMET to Reduce Teen Tobacco, Alcohol and Drug Use**

PI	National Institute of Dental and Craniofacial Research RC1DE020699	TDC:\$555,709
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The goal of this project is to develop an internet-based interactive Motivational Enhancement Therapy (iMET) program for adolescents that targets tobacco, alcohol, and drug use.

4/1/2014-  
8/30/2014

**Adolescent Marijuana SBIRT Study Protocol Development**

Steering Committee Member	National Institute on Drug Abuse Florida Node Alliance of Drug Abuse Clinical Trials Network	TDC:\$28,564
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The goal of this project is to develop and implement a national primary care-based trial of adolescent Screening and Brief Intervention, targeting marijuana use among 12-to-17-year-old primary care patients.

**Current Funded Projects:**

9/15/13-5/31/17      **Computerized Alcohol Screening for Children and Adolescents (cASCA) in Primary Care**

Co-PI	NIAAA Research: 5R01AA021904-03	TDC:\$1,390,929
The goal of this project is to develop and test a new computer-facilitated system for screening 9- to 18-yr-old patients in busy pediatrician offices that implements the recently-published NIAAA guide for clinicians titled, "Alcohol Screening and Brief Intervention Guide for Youth".		

1/1/2015 – 8/31/2016      **Consequences of Adolescent Alcohol Use on Brain Development**

Co- Investigator	NIAAA Research: R01AA022493-02	TDC:\$119,884
This longitudinal study of adolescents during the critical period of brain development that overlaps with the onset of alcohol use will help elucidate milestones of healthy adolescent brain development and identify neurobiological markers associated with the consequences of initiation and course of alcohol use.		

9/1/2014-8/31/17      **Computer Adaptation of Screening, Brief MET Intervention to Reduce Teen Drinking**

Co-PI	NIAAA Research: 5R34AA023026-02	TDC: \$388,312
The goal of this project is to conduct a NIH Behavioral and Integrative Treatment Development Program Stage 1 pilot study evaluating feasibility, acceptability, and estimating the effect size of a new computerized Motivational Enhancement Therapy (cMET) intervention for alcohol-involved adolescent primary care patients.		

9/1/2014-8/31/2016      **Adolescent Marijuana SBIRT Study Protocol Development**

Site-PI	National Institute on Drug Abuse Florida Node Alliance of Drug Abuse Clinical Trials Network 3U10DA013720-15S4	TDC \$183,784
The goal of this project is to conduct a national primary care-based trial of adolescent Screening and Brief Intervention, targeting marijuana use among 12- to-17-year-old primary care patients.		

## **TEACHING REPORT:**

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

#### **Graduate Courses:**

**Key:** HMS=Harvard Medical School; HSPH=Harvard School of Public Health; BCH=Boston Children's Hospital

1993-1995	<b>Introduction to Pharmacology, HMS</b> 1 <sup>st</sup> yr med students Tutor	8 students, 15 hrs/yr
1994-1997	<b>Ambulatory Care Clerkship, HMS</b> HMSII students Presenter/Discussion Leader: "The Adolescent Interview", "Understanding Change", "Counseling Teenagers"	20 students, 1-2 hrs/yr
1997	<b>Maternal Child Health (MCH 220B), HSPH</b> Presenter/Discussion Leader: "Adolescent Substance Use and Abuse"	40 students, 2 hrs/yr
2000-2005	<b>Addictive Processes (PS521 M.O.), HMS</b> HMSIII-IV students Presenter/Discussion Leader: "Adolescent Substance Abuse: Practical Strategies"	15-20 students, 3 hrs/yr
2001-2008	<b>Adolescent Health (MCH 208), HSPH</b> MPHI-II and doctoral students Presenter/Discussion Leader: "Substance use: Tobacco, alcohol and illicit drugs"	15 students, 2 hrs/yr
2006-	<b>Spirituality and Healing in Medicine (ME726M.0), HMS</b> HMSII-IV students Presenter/Discussion Leader: "Spirituality in Adolescent and Physician Counseling" (2006); "A Christian View of the World and Academic Medical Practice" (2007-)	10-15 students, 2 hrs/yr

#### **Formal Teaching of Residents, Clinical Fellows and Research Fellows:**

1990-1993	<b>Pediatrics/ Psychiatry Joint Seminar Series, BCH</b> Psychiatry residents and fellows Designer, Director, Presenter/Facilitator; Selected topics in pediatric medicine and psychosocial problems	8-10 trainees, 10 hrs/yr
1993-1996	<b>Psychiatry Residency Program, Substance Abuse Seminar Series, BCH</b>	



	Psychiatry residents Designer, Director, Presenter/Facilitator Selected topics in adolescent substance abuse	6-8 trainees, 8 hrs/yr
1991-2008	<b>General Pediatrics Fellowship Seminar Series, BCH</b>  Clinical and Research Fellows Discussion Facilitator/Seminar Leader: Various topics in child development and behavior	10-15 trainees, 20-30 hrs/yr
1994-1997	<b>Adolescent and Young Adult Medicine Fellowship Program, BCH</b>  Clinical fellows, residents, and medical students Organizer, Presenter/Facilitator Seminar Series on Substance Abuse	8-10 trainees, 12 hrs/yr
2000-	<b>Norman E. Zinberg Training in Addictions Seminar Series, HMS</b>  Clinical fellows Presenter/Discussion Leader: <i>"Adolescents: Substance Use and Abuse"</i>	8-10 trainees, 3 hrs/yr
2005-	<b>Partners Addiction Psychiatry Fellowship Seminar Series</b>  Clinical Fellows Presenter/Discussion Leader: <i>"Adolescent Substance Use and Abuse in Primary Care"</i>	1 trainee, 2 hrs/yr
2003-	<b>Harvard Pediatric Health Services Research Fellowship Program</b>  Research Fellows Presenter, discussion facilitator <i>"Adolescent Substance Use: Research on Medical Office Management"</i>	20 trainees, 2 hrs/yr
2011-	<b>Tufts Medical Center Knowledge Based Seminars</b>  Child and Adolescent Psychiatry Residents Presenter/Discussion Leader: <i>"Adolescent Substance Use and Abuse"</i>	15 trainees 3 hrs/yr

**Clinical Supervisory and Training Responsibilities:**

1990-1992	Ambulatory Clerkship, Pediatric Clinic	Martha Eliot Health Center, BCH	12 medical students each year, one-month block rotation, 4 hours/week
1992-1996	Director/Preceptor, General Pediatrics Fellowship Block Rotation	Richmond Service (Inpt. Psych. Unit), BCH	2-4 general pediatrics fellows/year, 2-6 month block rotation, 15-20 hrs/week
1993-1996	Ward Attending	Janeway Medical Service, BCH	4-5 students, 4-5 residents; one month per year, 160 contact hours

1996-1998	Acting Chief	Blackfan Medical Service, BCH	60-70 residents, students, and 25 attending physicians per year
1997-1999	Pediatric Preceptor	Medical Services, BCH	4-5 medical students, 15-20 hrs/year
2000	Attending in General Pediatrics	Blackfan Medical Firm, BCH	4-5 students ,4-5 residents; one month per year, 160 contact hours

### **Formally Supervised Trainees:**

1994-2000	<b>Wanessa Risko, MD</b>	Assistant Professor of Pediatrics, HMS; Medical Director, Early Intervention Program & The Rainbow Initiative for Children with Chronic Illness, BCH	
		Published 1 research investigation	
1994-1997	<b>Laurie Glader, MD</b>	Instructor in Pediatrics, HMS; Director of Medical Education, Consultative Care Service; Pediatric Director of the Cerebral Palsy Program, BCH	
		Published 2 chapters	
1995-2005	<b>Brigid L. Vaughan, MD</b>	Assistant Professor of Psychiatry, HMS; Psychopharmacology Program, BCH	
		Published 3 research investigations; 2 other peer review; 2 reviews/chapters. Recipient of HRSA/AMERSA/CSAT/SAMHSA-funded national faculty development award in substance abuse education (Project MAINSTREAM) (Mentor: <b>Knight</b> )	
1995-1998	<b>M. Ranee Leder, MD</b>	Associate Professor of Clinical Pediatrics, Ohio State University College of Medicine; Physician, Center for Child and Family Advocacy (at Nationwide Children's Hospital, Columbus, Ohio)	
		Published 2 clinical reviews.	
1996-2000	<b>Andrea Vandeven, MD</b>	Assistant Professor of Pediatrics, University of Missouri-Kansas City School of Medicine	
		Published 1 chapter.	
1996-2000	<b>Sandra Friedman, MD</b>	Director, Developmental Disabilities Program, Associate Professor of Pediatrics, University of Colorado	
		Published 1 chapter.	
1996-1999	<b>Gregory S. Blaschke, MD, MPH</b>	Division Head, General Pediatrics Associate Professor of Pediatrics Oregon Health & Science University, Doernbecher Children's Hospital, Portland, OR	
		Published 1 research investigation.	

- 1996-1999 **Terrill D. Bravender, MD, MPH** Associate Professor of Pediatrics, Psychiatry, and Community and Family Medicine; Ohio State University College of Medicine; Chief, Adolescent Medicine, Nationwide Children's Hospital, Columbus, OH
- Published 5 research investigations; 1 review.
- 1997-2007 **Carolyn Frazer-Bridgemohan, MD** Assistant Professor of Pediatrics, HMS; Co-Director of Residency Training in Behavioral Pediatrics, (Past) Director of Clinical Fellowship Training, Division of General Pediatrics, BCH
- Published 2 research investigations; 7 chapters; 1 edited book; 8 professional educational materials
- 1997-1999 **Samuel Zinner, MD** Associate Professor of Pediatrics, University of Washington School of Medicine; Developmental-Behavioral Pediatrician, Children's Hospital and Regional Medical Center, Seattle, WA
- 1997-1998 **Lisa Albers-Prock, MD** Assistant Professor of Pediatrics, HMS; Director, Adoption Program, Director of Clinical Fellowship Training, Division of Developmental Medicine, BCH
- Published 1 chapter
- 1998- **Celeste R. Wilson, MD** Assistant Professor of Pediatrics, HMS; Associate Principal Investigator, Center for Adolescent Substance Abuse Research; Medical Director, Child Protection Team, BCH
- Published 5 research investigations; 2 reviews/chapters. Recipient of NIAAA Research Supplement for Underrepresented Minorities (PI: **Knight**); BCH Pilot Study award (Co-PI: **Knight**); HMS faculty development award (Mentor: **Knight**); Robert Wood Johnson Foundation Substance Abuse Policy Research Program award (Senior Co-PI and Mentor: **Knight**); 2006 New Investigator/Educator Award, Association for Medical Education and Research in Substance Abuse (Nominator: **Knight**)
- 1998-2011 **Sharon Levy, MD, MPH** Assistant Professor of Pediatrics, HMS; Associate Principal Investigator, Center for Adolescent Substance Abuse Research; Medical Director, Adolescent Substance Abuse Program, BCH
- Published 9 research investigations; 1 other peer review; 11 reviews/chapters/editorials; 2 professional educational materials; 1 letter; 1 letter to the editor. Recipient of two grants from the Robert Wood Johnson Foundation Substance Abuse Policy Research Program (Senior Co-PI and Mentor: **Knight**); K23 Award (K23 DA019570) (Mentor: **Knight**); Recipient of SAMHSA national training grant (TI020267) (Co-PI – **Knight**); Recipient of New Investigator/Educator Award 2005, Association for Medical Education and Research in Substance Abuse (Nominator: **Knight**)

- 1999-2001 **Emily Roth, MD\*** Assistant Clinical Professor of Pediatrics, University of California, San Francisco  
Published 1 research investigation
- 1999-2002 **Meera Sukumaran, MBBS** Instructor in Pediatrics, HMS; Staff Physician, Developmental Medicine, BCH  
Published 1 research investigation
- 2000- **Traci Brooks, MD** Instructor in Pediatrics, HMS; Director, Adolescent Services, Cambridge Health Alliance  
Published 3 research investigations. Site Principal Investigator, Multisite Clinical Trial: R01 DA018848 (PI: **Knight**)
- 2001- **Sion Kim Harris, PhD** Instructor in Pediatrics, HMS; Associate Investigator, Center for Adolescent Substance Abuse Research, BCH  
Published 16 research investigations; 2 reviews/ chapters. Co-PI 3 NIH research grants (R01 DA018848, R01 DA104553, R21 AA13029), 2 administrative supplements, 1 competing supplement (international research) (PI: **Knight**); Co-PI 2 RWJF research grants (045222, 036126, PI: **Knight**), Recipient of 2 research grants from the BCH Aerosmith Endowment Fund (Senior Co-PI and Mentor-**Knight**); 2009, 2010 Best Abstract Award, Association for Medical Education and research in Substance Abuse (Senior co-author: **Knight**)
- 2001 **Miriam Schizer, MD, MPH** Clinical Instructor in Pediatrics, HMS; Pediatrician, Adolescent Substance Abuse Program, BCH  
Published 1 professional educational material.
- 2001- **Shari Van Hook, PAC, MPH** Research Associate, HMS; Director of Research Operations, Center For Adolescent Substance Abuse Research, BCH  
Published 5 research investigations; 2 abstracts; 2009 Best Abstract Award, Association for Medical Education and research in Substance Abuse (Senior co-author: **Knight**)
- 2002-2007 **David Holder, MD, MPH** ECU Physicians, Greenville, NC  
Published 2 research investigations.
- 2003-2007 **Pamela J. Burke, PhD** Assistant Professor of Pediatrics, HMS; Pediatric Nurse Practitioner, Adolescent/Young Adult Medical Practice, BCH  
Published 1 research investigations. Recipient of HRSA/AMERSA/CSAT/SAMHSA-funded national faculty development award in substance abuse education (Project MAINSTREAM) (Mentor: **Knight**)

- 2003- **John D. Da Silva, DMD** Instructor in Oral Health Policy and Epidemiology, Harvard School of Dental Medicine. Director, Harvard Dental Practice.  
Published 1 research investigation. Recipient of HRSA/AMERSA/CSAT/SAMHSA-funded national faculty development award in substance abuse education (Project MAINSTREAM) (Mentor: **Knight**)
- 2003-2006 **Lydia A. Shrier MD** Assistant Professor of Pediatrics, HMS, Assistant in Medicine, BCH  
Published 6 research investigations.
- 2004-2007 **Neal Rojas, MD** Health Sciences Assistant Clinical Professor, University of California, San Francisco  
Published 1 research investigations; Recipient of NIDA Research Supplement for Under-represented Minorities (PI: **Knight**); Recipient of NIH Loan Repayment Program (Supervisor: **Knight**)
- 2004-2006 **Jonathan Hertz, MD** Child & Adolescent Psychiatry Resident, BCH  
Published 1 reviews/chapters/editorials
- 2004- **Marianne Pugatch, LICSW** Director of Social Work, ASAP  
PhD Candidate, Brandeis University (mentor)  
1 publication forthcoming
- 2005-2007 **Elissa Weitzman, ScD, MSc\*** Assistant Professor of Pediatrics, HMS; Adolescent Medicine, & Informatics, BCH; Society, Human Development & Health, Harvard School of Public Health  
Published 1 research investigation.
- 2005- **Jon Wesley Boyd, MD, PhD** Assistant Clinical Professor of Psychiatry, HMS; Staff Psychiatrist, Cambridge Health Alliance  
Published 2 research investigations; 1 professional educational material.
- 2005-2007 **Lisa Fortuna, MD** Instructor in Psychiatry, HMS; Staff Psychiatrist, Cambridge Health Alliance  
K23 Award (1K23DA018715-01A2) (Co-Mentor: **Knight**)
- 2006-2009 **Heather Corliss, PhD** Instructor in Pediatrics, HMS; Research Associate, Division of Adolescent/Young Adult Medicine, BCH  
K01 Award (1 K01 DA023610-01) "Adolescent Substance Use and the Transition to Adulthood in Sexual Minority Youth" (Advisor: **Knight**)
- 2007- **Ximena Sanchez Samper, MD** Instructor in Psychiatry, HMS; Addiction Psychiatrist, Adolescent Substance Abuse Program, BCH  
Published 1 clinical review

2007- **Areej Hassan, MD, MPH** Instructor in Pediatrics, HMS; Assistant in Medicine, Division Adolescent/Young Adult Medicine, BCH

Published 2 research investigations.

2011-2013 **Jennifer Louis-Jacques, MD, MPH** Assistant Professor of Pediatrics, Children's Hospital of Philadelphia, University of Pennsylvania Perelman School of Medicine, Division Adolescent/Young Adult Medicine,

DATE **Julie Johnson**

Published 1 research investigation; 1 clinical review---goes with Jennifer

2013- **Scott Hadland, MD, MPH** Fellow, Adolescent/Young Adult Medicine, Boston Children's Hospital

Published 1 clinical review; 1 commentary

### **Formal Teaching of Peers (Continuing Medical Education Courses):**

**Key:** HMS=Harvard Medical School; BCH=Boston Children's Hospital

1993-1996 **Faculty Development in Substance Abuse Teaching**  
"Adolescents"; "Screening"; "Brief Interventions"

HMS Division on Addictions

Boston, MA

1994- **Addiction Medicine:**  
*"Does the Treatment System Work?"* (1994); *"Assessment of Addiction"* (1995); Panel Discussion: Cases (1995); Lecture/Discussion: *"Adolescent Substance Use and Abuse: Epidemiology and Treatment"* (1996); Lecture/Discussion: *"Understanding the Patient Who Abuses Alcohol"* (1997); Lecture/Discussion: *"Adolescents: New Strategies for Screening, Assessment, and Brief Intervention"* (2000, 2002, 2004, 2006, 2008); Lecture Discussion: "Adolescents, ADHD, and Substance Abuse" (10-16-2009); Lecture Discussion: "Computer-based Interventions" (10-15-2010); Introduction to the Course (2011-2014); (Dr. Traci Brooks (see list of \*\*mentees\*\*) Gave Adolescent Screening and Brief Intervention lecture from 2011-2014; Adolescent Substance Use: New Strategies for Early Identification and Intervention (10-03-2015)

HMS Division on Addictions

Boston, MA

1994-2006 **Adolescent Medicine:**  
*"Substance Abuse in Teens"* (1994-1996); *"Substance Abuse"* (1997); *"Changing Risky Behavior"* (1997); *"School Failure in Adolescents"* (1998); *"Adolescent Substance Abuse: Practical Strategies for the Medical Office"* (1999-2002); *"Intervening With the Substance Abusing Teen"* (2000); *"Attention-Deficit/Hyperactivity Disorder"* (2000-2001); *"Substance abuse: New Strategies for Screening and Intervention"* (2005-2006, 2010)

	HMS/BCH	Boston, MA
1994-2008	<b>Treating the Addictions:</b> <i>Adolescent Substance Use: Developmental Considerations</i> (1997); <i>Screening for Adolescent Substance Abuse</i> (2000); <i>Adolescent Substance Abuse: New Strategies</i> (2002, 2005, 2008)	
	HMS Division on Addictions	Boston, MA
1995	<b>New England Pediatricians Appreciation Day:</b> <i>Substance Abuse: New Directions</i>	
	BCH	Boston, MA
1996	<b>Substance Abuse: A Course for Pediatric Health Care Providers</b> <i>Adolescent Substance Abuse: Screening and Assessment</i>	
	BCH	Boston, MA
1998	<b>Adolescent Self-Destruction:</b> <i>Adolescent Substance Use: Developmental Considerations</i>	
	HMS/Cambridge Health Alliance	Boston, MA
2001	<b>Advances in Pediatric Health Care:</b> <i>Intervention with Substance Abusing Parents in Pediatric Practice</i> (1997) <i>Teens, Drugs, and Alcohol: What Should We Say?</i> (2001)	
	BCH	Boston, MA
2004, 2006	<b>Developmental-Behavioral Pediatrics:</b> <i>Adolescent Substance Abuse: New Strategies for Early Identification and Intervention</i> (2004); <i>Detecting &amp; Managing Substance Use in the Office</i> (2006)	
	Boston University School of Medicine	Cambridge, MA
2004	<b>Learning and the Brain</b> <i>Adolescent Substance Abuse: New Strategies</i>	
	HMS/Cambridge Health Alliance	Boston, MA
2008	<b>School Mental Health:</b> <i>Adolescent Substance Abuse: New Strategies</i>	
	HMS/Cambridge Health Alliance	Boston, MA
2011	<b>Pediatric Medicine Update</b> <i>Substance Abuse</i>	
	BCH/American Academy of Pediatric Dentistry	Boston, MA

**Local Invited Presentations:**

**Key:** BCH= Boston Children’s Hospital; HMS=Harvard Medical School

1994	<i>Screening for Substance Abuse</i>	Lecture, Discussion
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	Pediatric Nurse's Assessment Course, BCH	
1994	" <i>Substance Abuse in Pediatrics</i> " Social Work Education Series, BCH	Lecture, Discussion
1994	" <i>Substance Abuse: Interventions with Parents</i> " Dana Farber Cancer Institute	Grand Rounds
1994	" <i>Substance Abuse in Pediatrics</i> " Dept. Surgery, BCH	Grand Rounds
1995	" <i>Substance Use in Adolescents</i> " Div. General Pediatrics, BCH	Lecture, Discussion
1997	" <i>Substance Misuse Among Medical Professionals</i> " Dept. Surgery, BCH	Grand Rounds
1997	" <i>Substance Use and Peer Influence During Adolescence: The Lemming Phenomenon</i> " Dept. Pediatrics, BCH	Grand Rounds
1997	" <i>Substance Abuse: Screening, Assessment and Intervention</i> " Psychiatry Seminar, Bunker Hill Health Center/Mass. General Hospital	Lecture, Discussion
1997	" <i>Substance Abuse Among Medical Professionals</i> " Dept. Medicine, Cambridge Hospital	Grand Rounds
1997	" <i>Screening and Assessment of Adolescent Addictions</i> " Addictions Conference, Brockton VA Medical Center	Lecture, Discussion
1998	" <i>Adolescent Substance Abuse: Screening, Assessment, and Intervention</i> " Judge Baker Children's Center	Lecture, Discussion
1998	" <i>Adolescent Substance Abuse</i> " Primary Care Seminar Series, Boston combined Residency Program in Pediatrics	Lecture, Discussion
1998	" <i>Substance Abuse Among Medical Professionals</i> " HMS I-II	Lecture, Discussion
1999	" <i>Will You know What to Say? Talking to Patients About Substance Use</i> "; " <i>The Pinpoint Pupil</i> " Student-initiated Seminar, HMS	Lecture, Discussion



1999	<i>Substance Abuse Case Discussion</i> Inpatient Psychiatry Unit Clinical Conference, BCH	Lecture, Discussion
1999	" <i>Poor School Performance</i> " Primary Care Clerkship, HMS	Case Discussion
1999	" <i>Physician Health and Substance Abuse</i> " Dept. Neurosurgery, BCH	Grand Rounds
2000	Investigator Panel Discussion Introduction to Clinical Research, BCH	Panelist
2000	" <i>Working With the Robert Wood Johnson Foundation</i> " Clinical Research Seminar Series Dept. Psychiatry, Brigham and Women's Hospital	Lecture, Discussion
2001	" <i>The Teaching Toolbox: Standardized Cases and Videos for Teaching Residents About Child Growth, Development, Behavioral Pediatrics, and Adolescent Medicine</i> " Faculty Development Seminar Series Boston Combined Residency Program in Pediatrics	Presentation, Discussion
2001	" <i>When Parents Have a Drinking Problem: Assessment and Intervention in the Children's Hospital Setting</i> " (Co-presenter with Celeste Wilson, MD) Social Work Spring Series, BCH	Lecture, Discussion
2001	" <i>Adolescent Risk Taking Behaviors</i> " Pediatric Practice Seminars, BCH	Lecture, Discussion
2001	" <i>Screening and Intervention for Adolescent Substance Abuse</i> " Emergency Department Seminars, BCH	Lecture, Discussion
2001	" <i>Adolescent Substance Abuse: New Strategies</i> " Division of Adolescent/Young Adult Medicine Faculty/Fellow Seminar Series, BCH	Lecture, Discussion
2001	" <i>Physician Stress, Mental Health, and Substance Use</i> " Pediatric Oncology Seminars, Dana-Farber Cancer Institute	Lecture, Discussion
2002	" <i>Substance Abuse Screening, Assessment, and Brief Intervention for Students</i> " Mental Health Department Harvard University Health Services	Grand Rounds

2002	<i>"Developing Questionnaires to Evaluate the Outcomes of Public Health"</i> Harvard School of Public Health	Workshop
2002	<i>"Adolescent Substance Abuse: New Strategies for Early Identification and Intervention"</i> Dept. Pediatrics, Cambridge Hospital	Grand Rounds
2003	<i>"Adolescents and Alcohol"</i> Dept. Psychiatry, BCH	Grand Rounds
2003	<i>"Adolescent Substance Abuse"</i> PGY1 Seminar Series, Harvard Longwood Psychiatry Residency Training Program	Lecture, Discussion
2003	<i>"Addiction and Pain"</i> Pulmonary Division Seminar Series, BCH	Lecture, Discussion
2004	<i>"The Impaired Physician"</i> Clinical Crossroads Series Beth Israel Deaconess Medical Center	Grand Rounds
2004	<i>"Adolescent Substance Abuse: New Strategies"</i> Toxicology Fellowship Seminar Series, BCH	Lecture, Discussion
2004	<i>"Adolescent Substance Abuse: New Strategies"</i> Harvard University Bureau of Study Counsel	Lecture, Discussion
2005	<i>"Adolescent Substance Abuse: New Strategies"</i> HMSIII Integrated Clerkship Tutorial Series Cambridge Hospital	Case Discussion
2005	<i>"Adolescent Substance Abuse: New Strategies"</i> Community Education Initiative Professional Day, BCH	Lecture, Discussion
2005	<i>"Ethics in Pediatric Research"</i> Division of General Pediatrics, BCH	Lecture, Discussion
2005	<i>"Adolescent Substance Abuse: New Strategies"</i> Dept. Pediatrics, Cambridge Hospital	Grand Rounds
2006	<i>"Adolescent Substance Abuse: New Strategies"</i> Addiction Research Program Lecture Series Massachusetts General Hospital	Lecture, Discussion
2007	<i>"Adolescent Substance Abuse: New Strategies"</i>	Grand Rounds

	Dept. Psychiatry , BCH	
2007	“Adolescents, ADHD, and High Risk Behaviors” Developmental Medicine Center Forum, BCH	Lecture, Discussion
2008	“Writing Successful Grant Applications” Division of General Pediatrics BCH	Lecture, Discussion
2008	“Adolescent Substance Abuse” Pediatric Practice Seminar, BCH	Lecture, Discussion
2008	“Physician Stress, Mental Health, and Substance Use”	Lecture, Discussion
2012	Annual Medical Staff Meeting Dana-Farber Cancer Institute	Lecture, Discussion
	“Epidemiology and Treatment of Substance Abuse  Pediatric Pain Conference: State of the Art and Science BCH	
2013	“Adolescent Substance Abuse”  Conference for South Shore FACTS: Families, Adolescent and Communities Together Against Substances, Hingham, MA	Presentation
2013	<i>Adolescent Addiction: Diagnosis and Treatment</i>  Pediatrician and Substance Use Conference	Lecture, Discussion
2014	<i>Substance Abuse Treatment</i> Department of Psychiatry, Brigham and Women’s Faulkner Hospital	Lecture, Discussion
2014	<i>Substance Abuse Treatment in Adolescents</i> McLean Hospital	Lecture, Discussion
2014	“Adolescent Substance Use: Equal Opportunity Disorders with Spiritual Solutions,” Spirituality, Health, & Health Disparities: Challenges and Opportunities for the Field A Transdisciplinary Symposium  Harvard Catalyst Disparities Research Program and the Harvard and the MGH Center on Genomics, Vulnerable Populations, and Health Disparities	Presentation

**Regional, National and International Invited Teaching and Presentations:****Regional:**

1993	<i>"Adolescent Psychological Development"</i> Sturdy Memorial Hospital	Lecture/Discussion
1993	<i>"Profiles in Caring"</i> Substance Abuse Educational Conference; Conference of Boston Teaching Hospitals, Boston, MA	Chair Presentation, Discussion
1994	<i>"Adolescent Substance Abuse"</i> Adolescent Addictions Course Fallon Health Care, Worcester, MA	Lecture, Workshop
1995-	<i>"Adolescent Substance Use and Abuse"</i> Physician Medical Education Program Harvard Pilgrim Health Care (HPHC), Boston, MA (Videotapes sent to all primary care providers in HPHC network)	Lectures (3)
1995	<i>"Screening and Assessment"</i> Conference on Substance Abuse: Problems in Primary Care Patients, Community Health Network, Mass. Dept. Public Health	Lecture, Workshop
1996	<i>"Substance Abuse in Adolescents: Role of the Primary Care Physician"</i> MetroWest Medical Center	Grand Rounds
1996	<i>"Substance Abuse"</i> Conference on Adolescents and Transitions, New England Chapter, Society for Adolescent Medicine	Workshop
1997	<i>"Adolescent Substance Abuse: Developmental Considerations"</i> Dept. Pediatrics, University of Massachusetts Medical Center	Grand Rounds
1997	<i>"Adolescent Substance Use: Screening, Assessment and Intervention"</i> Neighborhood Health Plan	Workshop
1997	<i>"Adolescent Substance Abuse" ; "Motivational Interviewing: Changing Risky Behavior"</i> Annual Adolescent Program, Fallon Health Care	Lecture, discussion, Workshop
1998	<i>"Adolescent Substance Abuse"</i>	Grand Rounds

	Dept. Pediatrics, Winchester Hospital	
1999	"WIRED! Addiction Resources on the World Wide Web"	Interactive Presentation
	Northeast Regional Meeting, Federation of State Physician Health Programs	
2001	"Physician Stress, Mental Health, and Substance Use"	Lecture, Discussion
	Boston University School of Medicine	
2001	"Physicians Seeking to Assist Colleagues With Illness – The Role of Volunteer Physician Monitors"	Lecture, Discussion
	Caring for the Caregivers III: From Hospital to Home Massachusetts Medical Society	
2002	"Adolescent Substance Abuse: New Strategies for Early Identification and Brief Intervention"	Keynote (Demetriou Lecture)
	New England Chapter, Society for Adolescent Medicine	
2003	"Adolescent Substance Abuse: New Strategies for Early Identification and Management"	Lecture/Discussion
	Educational Program for Mental Health Professionals Maine Medical Center	
2003	"Adolescent Substance Abuse"	Lecture, Discussion
	Substance Abuse Lecture Series, Tewksbury State Hospital	
2003	"Adolescent Substance Abuse: New Strategies"	Lecture, Discussion
	Continuing Education Series, New Hampshire Psychological Association	
2003	"Substance Use: New Strategies for Early Identification and Intervention in the College Setting"	Lecture, Discussion
	Massachusetts Statewide University and College Coalition on Underage Drinking	
2003	"Adolescent Substance Abuse: New Strategies for Early Identification and Intervention in Primary Care"	Lecture, Discussion
	Heller School for Social Policy and Management, Brandeis University	
2003	"Adolescent Substance Abuse: New Strategies for Early Identification and Management"	Lecture/Discussion
	Educational Program for Mental Health Professionals Maine Medical Center, Portland, ME	
2004	"Adolescent Substance Abuse: New Strategies for Screening and Intervention"	Grand Rounds

	Dept. Pediatrics, Tufts Medical Center	
2004	<i>"Adolescent Substance Abuse: New Strategies for Early Identification and Intervention"</i>	Visiting Professor
	Dept. Pediatrics, BayState Medical Center	
2004	<i>"Adolescent Substance Abuse: New Strategies"</i> Outpatient Psychiatry Seminar Series	Lecture, Discussion
	Boston Veterans Administration Medical Center	
2004	<i>"Adolescent Substance Abuse: New Strategies"</i> Pediatric Travel Club, Boston, MA	Lecture, Discussion
2005-2007	<i>"Adolescent Substance Abuse"</i> Tufts University MD/MPH Program, Boston, MA	Lecture, Discussion
2005	<i>"Adolescent Drug/Alcohol Abuse and Screening"</i> Massachusetts Chapter, American Academy of Pediatrics	Lecture, Discussion
2005	<i>"Adolescent Substance Abuse: New Strategies for Primary Care"</i> Dept. Pediatrics, Boston Medical Center	Grand Rounds
2005	<i>"Successful Monitoring of Health and Wellness"</i> Caring for the Caregivers, Massachusetts Medical Society	Lecture, Discussion
2005	<i>"Adolescent Substance Abuse: New Strategies"</i> Dept. Pediatrics, North Shore Children's Hospital, Salem, MA	Grand Rounds
2006	<i>"Adolescent Substance Abuse: New Strategies"</i> Phillips Academy, Andover, MA	Lecture, Discussion
2006	<i>"Adolescents and Prescription Drug Misuse"</i> Pediatric Seminar Emerson Hospital Healthcare Center, Westford, MA	Lecture, Discussion
2006	<i>"Adolescent Substance Abuse: New Strategies"</i> Continuing Medical Education Series Day Kimball Hospital, Putnam, CT	Lecture, Discussion
2006	<i>"Adolescent Substance Abuse: New Strategies"</i> Improving Quality in Massachusetts Substance Abuse Treatment Programs Through Evidence-Based Practices & Performance Measures, MA Department of Public Health, Brandeis University	Lecture, Discussion

2006	<p><i>“Adolescent Substance Abuse: A Call for Developmentally Appropriate Treatment Services”</i></p> <p>Recovery Day Policy Forum: MA Department of Public Health, Boston, MA</p>	Keynote
2006	<p><i>“Screening for Adolescent Substance Abuse: Tools to Use”</i></p> <p>Substance Use Disorders and ADHD Academic Leadership Council, Boston University School of Medicine</p>	Lecture
2007	<p><i>“Adolescent Substance Abuse: New Strategies”</i></p> <p>Annual Meeting</p> <p>MetroWest Community Healthcare Foundation</p>	Lecture, Discussion
2007	<p><i>“Adolescent Substance Abuse: Screening and Beyond”</i> (Levy S, Pugatch M, Van Hook S, Knight)</p> <p>MA Department of Public Health</p>	Lecture, Discussion
2007	<p><i>“Adolescent Substance Abuse: Answers to Parents’ Frequently Asked Questions”</i></p> <p>North Shore Children’s Hospital, Danvers, MA</p>	Lecture, Discussion
2008	<p><i>“Adolescent Substance Abuse: New Strategies”</i></p> <p>Nursing Seminar, Marlborough Public Schools</p>	Lecture, Discussion
2009	<p><i>“Adolescent Substance Abuse: New Strategies”</i></p> <p>New England Regional Advisory Committee, Annual Meeting, Boston, MA</p>	Lecture, Discussion
2011	<p><i>“Teen-Safe: A Web-based Substance Abuse Prevention Tool for Parents of Teens”</i></p> <p>Massachusetts Secondary School Administrator’s Association Summer Institute, Falmouth MA.</p>	Peer-Reviewed Workshop
2012	<p>Adolescent Substance Use: New Strategies for Early Identification and Intervention</p> <p>Massachusetts Society of Addiction Medicine</p> <p>Addiction Medicine for All Providers” Seminar, Waltham, MA.</p>	Seminar
2013	<p>“Adolescent Substance Use: Prevention and Early Intervention”</p>	Keynote

	Prevention of Underage Drinking and Substance Use Summit, Hingham, MA	
2014	<i>“Dazed and Confused: Medicinal Marijuana and the Developing Adolescent Brain”</i>  Medical Marijuana: Regulations, Responsibilities and Communication, Massachusetts Medical Society, Waltham MA	Clinical Presentation
2015	New Strategies for Screening and Early Intervention. Center Grand Rounds, Adolescent Substance Use. Tufts University Medical, Boston MA	Grand Rounds
<b><u>National (Invited Presentations):</u></b>		
1994	<i>“Use of Role Play in Teaching”</i> (Knight JR, Samet J)  Association for Medical Education and Research in Substance Abuse (AMERSA) National Meeting, Washington DC	Peer-review Workshop
1995	<i>“Clinical Teaching in Substance Abuse”</i> Course Director U. Alabama, Birmingham, College of Medicine	NIAAA-sponsored Faculty Development Program
1995	<i>“Brief Interventions for Domestic Violence”</i> (Barnes HR, Knight JR)  AMERSA National Meeting, Washington DC	Peer-review Workshop
1995	<i>“Alcohol, Drugs, and Violence”</i>  AMERSA National Meeting, Washington DC	Plenary Chair
1995	<i>“Motivational Interviewing in Adolescents”</i> (Knight JR, Adger H)  AMERSA National Meeting, Washington DC	Peer-review Workshop
1995	<i>“Learning Disorders in Adolescents: Special Considerations”</i>  American Academy of Pediatrics (AAP) National Conference & Exhibition, San Francisco, CA	Seminar
1996	<i>“Brief Interventions With Parents: Protecting Children at Risk”</i> (Knight JR, Vandeven A)  AMERSA National Meeting, Alexandria, VA	Peer-review Workshop
1997	<i>“Substance Abusing Parents: A Guide to Brief Interventions”</i> (Knight JR, Vandeven A)	Peer-review Workshop



	AMERSA National Meeting, Alexandria, VA	
1997	<i>"Understanding Adolescent Substance Use and Abuse"</i> University of North Carolina Chapel Hill/NC Area Health Education Center, Greensboro	Lecture, Discussion
1997	<i>"Children of Alcoholics: The Adolescent Years"</i> American Society on Addiction Medicine (ASAM) Annual Scientific Meeting, San Diego, CA	Lecture/Discussion Sponsor: NIDA
1997	<i>"Brief Interventions for the Office-Based Pediatrician"</i> AAP National Conference & Exhibition, New Orleans, LA	Lecture, Discussion
1998	<i>"Adolescent Substance Abuse: Screening and Assessment in Medical Office Practice"</i> ASAM Annual Scientific Meeting, New Orleans, LA	Lecture, Discussion Sponsor: NIDA
1999	<i>"Keep 'em Awake: Using Cases to Teach"</i> (Knight JR, Levy S, Blaschke G) Pediatric Academic Societies (PAS) Annual Meeting, San Francisco, CA	Peer-review Workshop
1999	<i>"An Apple for the Teacher: Central Concepts and Useful Tools in Educational Evaluation"</i> (Risko V, Blaschke G, Knight JR) PAS Annual Meeting, San Francisco, CA	Peer-review Workshop
1999	<i>"The Silent Cry: Teaching About Parental Alcoholism and Child Neglect Using a Standardized Case"</i> (Wilson CR, Knight JR) AMERSA National Meeting, Alexandria, VA	Peer-review Workshop
1999	<i>"Case-Based Teaching"</i> Society for Developmental-Behavioral Pediatrics (SDBP) Annual Scientific Meeting, Cleveland, OH	Discussion Leader
2000	<i>"A New Screening Test for Adolescent Substance Abuse"</i> American Academy of Child & Adolescent Psychiatry (AACAP) Annual Meeting, Washington DC	Peer-review Institute
2000	<i>"Substance Abusing Families: Helping the Parent While Protecting the Child"</i> (Vandeven A, Wilson CR, Knight JR) PAS Annual Meeting, Boston, MA	Peer-review Workshop

2000	<p><i>"Using Standardized Cases to Teach About Substance Abuse"</i> (Wilson CR, Ross W, Knight JR; Best Workshop Award)</p> <p>AMERSA National Meeting, Alexandria, VA</p>	Peer-review Workshop
2000	<p><i>"Introduction to Case-Based Learning"; "Case-Based Learning"</i></p> <p>SDBP Annual Scientific Meeting</p>	Platform Presentation Workshops
2000	<p><i>"Office Management of Substance Abuse: Developmental Considerations"; "Primary Care Office Management Strategies"; Practical Considerations"</i></p> <p>ASAM Annual Scientific Meeting, Washington DC</p>	Lecture, Discussion; Workshop; Roundtable  Sponsor: NIDA
2000	<p><i>"Children and Adolescents in Research"</i></p> <p>Robert Wood Johnson Foundation, Substance Abuse Policy Research Program Annual Meeting</p>	Roundtable Moderator
2001	<p><i>"Case Studies in Adolescent Health Research"; "Research With Adolescents, Including Waivers of Parental Consent"; "Ethical Issues When Conducting Behavioral and Social Science Research With Adolescents: Substance Abuse, Violence, Sexual Practices"</i></p> <p>Public Responsibility in Medicine &amp; Research (PRIM&amp;R)/ARENA Annual Meeting</p>	Workshops
2001	<p><i>"Adolescent Substance Abuse: New Strategies for the Medical Office"</i></p> <p>Vermont Child Health Improvement Program, AAP Vermont Chapter Annual Meeting, Burlington, VT</p>	Keynote
2001	<p><i>"The Pinpoint Pupil: Assessing Adolescents for Substance Abuse"</i> (Levy S, Vaughan B, Knight JR)</p> <p>PAS Annual Meeting, Baltimore, MD</p>	Peer-review Workshop
2001	<p><i>"The "Workshop Workshop": Planning and Leading Educational Workshops at National Academic Meetings"</i> (Knight JR, Levy S, Vaughan BL, Wilson CR)</p> <p>AMERSA National Meeting, Alexandria, VA</p>	Peer-review Workshop
2002	<p><i>"Adolescent Substance Abuse: New Strategies for Primary Care"</i></p> <p>Substance Abuse Prevention Conference Columbus Children's Hospital, Columbus, OH</p>	Keynote
2002	<p><i>"Drug Testing and Screening: Urine and Other Substances"</i></p>	Seminar

	AAP National Conference & Exhibition, Atlanta, GA	
2002	<i>"Substance Use and Abuse"</i>	Lecture, Discussion
	AAP Intensive Review of Developmental & Behavioral Pediatrics (DBP:PREP), Providence, RI	
2002	<i>Adolescent Substance Abuse: New Strategies for Early Identification and Intervention</i>	Lecture, Discussion
	Nurse Practitioner Association for Continuing Education Annual Educational Meeting, Boston, MA	
2003	<i>"Adolescent Substance Abuse and Motivational Interviewing"</i>	Visiting Professor
	Wake Forest University School of Medicine, Winston-Salem, NC	Pfizer Pharmaceuticals
2003	<i>"Adolescents and Alcohol"</i>	Lecture, Discussion
	PAS Annual Meeting	
2003	<i>"New Strategies for Screening and Brief Intervention"</i>	Lecture
	ASAM: The State of the Art in Addiction Medicine, Developmental Issues in Adolescent Alcohol and Drug Use, Washington, DC	Sponsor: NIAAA
2003	<i>"An Evaluation of a New Alcohol Policy for a Statewide Public College System"</i>	Research Presentation
	Robert Wood Johnson Foundation, Substance Abuse Policy Research Program Annual Meeting	
2003	<i>"Managing Patients With Substance Abuse and Chronic Pain"</i> (Vaughan BL, Levy S, Knight JR)	Peer-review Workshop
	AMERSA National Meeting, Baltimore, MD	
2004	<i>"How to Write a Scientific Paper"; "Laboratory Testing for Drugs of Abuse"</i>	Lecture, Discussion
	Northeast-Southeast Regional Meeting, Project MAINSTREAM, Orlando, FL	Sponsors: HRSA, SAMHSA, CSAT
2004	<i>"Adolescent Substance Abuse: New Strategies"</i>	Seminar
	National KySS Institute on Mental Health Screening, Intervention, and Health Promotion, University of Rochester, Rochester, NY	
2004	<i>"Substance Abuse"</i> <i>"High-Risk Adolescent Behaviors"</i>	Lecture, Discussion Workshop
	AAP Intensive Review of Developmental & Behavioral Pediatrics (DBP:PREP), Chicago, IL	

2005	<p><i>"Substance Abuse- Office Evaluation"</i> and <i>"Common Drugs of Abuse"</i>; <i>"Substance Abuse- Office Evaluation"</i></p> <p>AAP Intensive Review of Adolescent Medicine (AM:PREP), Scottsdale, AZ</p>	Lecture, Discussion (3)
2005	<p><i>"The Basics of Reviewing Adolescent Research: An Overview"</i> (Seminar)</p> <p>PRIM&amp;R/ARENA Annual Meeting, Boston, MA</p>	Chair
2005	<p><i>"Adolescent Substance Abuse: New Strategies"</i></p> <p>AAP National Conference &amp; Exhibition, Washington DC</p>	Seminars (2)
2006	<p><i>"Substance Abuse"</i></p> <p>High-Risk Adolescent Behaviors</p> <p>AAP Intensive Review of Developmental &amp; Behavioral Pediatrics (DBP:PREP), Newport Beach, CA</p>	Lecture, Discussion, Workshops (2)
2006	<p><i>"Drug Testing Adolescents in School: A National Debate"</i>; <i>"Abuse of Prescription and Over-the-Counter Medications"</i>; <i>"Perils and Pitfalls in Testing Adolescents for Drugs of Abuse"</i></p> <p>AAP National Conference and Exhibition, Atlanta, GA</p>	Seminars
2006	<p><i>"Perils and Pitfalls of Testing Adolescents for Drugs of Abuse"</i> (Levy S, Knight JR)</p> <p>Society for Adolescent Medicine (SAM) Annual Scientific Meeting, Boston, MA</p>	Workshop
2006	<p><i>"Substance Abuse: Implications for DB Pediatricians in Diagnosis and Management"</i> (Knight, Wilson CR)</p> <p>Developmental-Behavioral Pediatrics Fellowship Training Annual Meeting, Cambridge, MA</p>	Lecture, Discussion  Sponsor: MCHB
2006	<p><i>"Adolescent Substance Abuse: New Strategies"</i>; <i>"Frequently Asked Questions"</i>; <i>"Perils and Pitfalls of Laboratory Testing for Drugs of Abuse"</i></p> <p>Goryeb Children's Hospital, Atlantic Healthcare System, Morristown, NJ</p>	Visiting Professor  Sponsor: Cummins Endowment for Adolescent Medicine
2006	<p><i>"School-based Drug Testing: Making the Grade"</i> Debate vs Andrea Barthwell MD, (former) Deputy Director, Office of National Drug Control Policy</p> <p>AMERSA National Meeting, Washington DC</p>	Lecture, Discussion
2006	<p><i>"Adolescent Substance Abuse: New Strategies"</i></p>	Visiting Professor

Vanderbilt University Medical Center, Departments of  
Medicine and Psychiatry, Center for Professional  
Health, Nashville, TN

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| 2006 | <p><i>“Adolescent Substance Abuse: New Strategies for Early Identification and Intervention in Primary Care”</i></p> <p><i>“Brief Interventions for Drug Abusing Youth”</i> Joint Meeting on Adolescent Treatment Effectiveness, Baltimore, MD</p>              | Peer-review Institute Lecture, Discussion              |
| 2006 | <p><i>“Perils and Pitfalls of Testing Adolescents for Drugs of Abuse”</i> (Levy S, Knight JR)</p> <p>AMERSA National Meeting, Washington DC</p>   | Peer-review Workshop                                   |
| 2007 | <p><i>“Using Motivational Enhancement Therapy with Adolescents”</i> (Levy S, Pugatch M, Knight JR)</p> <p>Joint Meeting on Adolescent Treatment Effectiveness, Washington, DC</p>   | Peer-review Workshop                                   |
| 2008 | <p><i>“Substance Abuse”</i> and <i>“Externalizing Behaviors”</i><br/><i>“High-Risk Adolescents and Behaviors”</i></p> <p>AAP Intensive Review of Developmental-Behavioral Pediatrics (DB:PREP), Atlanta, GA</p>   | Lecture, Discussion (2), Workshop                      |
| 2008 | <p><i>“Screening, Brief Intervention, Referral, and Treatment (SBIRT) for Adolescents: An Introduction”</i></p> <p>Joint Meeting on Adolescent Treatment Effectiveness, Washington, DC</p>  | Workshop   |
| 2008 | <p><i>“Reducing Adolescent Substance Abuse: Applying Motivational Interviewing Techniques in Primary Care”</i> (Levy S, Knight JR)</p> <p>PAS Annual Meeting, Honolulu, HI</p>  | Workshop   |
| 2008 | <p><i>“Adolescent Substance Abuse: New Strategies”</i></p> <p>Department of Family Practice, University of Wisconsin, Madison, WI</p>   | Lecture, Discussion                                    |
| 2008 | <p>Seminar: <i>“Adolescent Substance Abuse: What’s new and what can I do?”</i></p> <p>Selected Short Subject: <i>“Legal Doesn’t Mean Safe or Healthy: What Teens Are Using Now To Get High”</i></p> <p>AAP National Conference &amp; Exhibition, Boston, MA</p> | Lecture, Discussion (2)                                |
| 2009 | <p><i>“Using Motivational Interviewing Strategies to Assess Adolescents for Substance Use Disorders”</i></p> <p><i>“Underage Drinking: What can you do to Prevent or Sober Up Today's Adolescents?”</i></p>   | Interactive Group Forum (x2)<br>Selected Short Subject |

	AAP National Conference and Exhibition, Washington, DC	
2010	<i>“Adolescent Substance Use: New strategies for early intervention”</i>	Lecture, Discussion
	<i>“Reducing teens’ alcohol and drug use through evidence-based brief advice”</i>	Workshop
	44 <sup>th</sup> Uniformed Services Pediatric Seminar, San Diego, CA	
2010	<i>“Substance Abuse”</i>	Lecture, Discussion
	<i>“High-Risk Adolescents”</i>	Workshop
	AAP Intensive Review of Developmental-Behavioral Pediatrics (DB:PREP), Chicago, IL	
2010	<i>“Screening and Brief Advice in Adolescents”</i>	Lecture, Discussion
	NIDA, Screening and Brief Intervention – Referral to Treatment for Drug Abuse (SBIRT) Grantee Meeting, Washington, DC	
2011	<i>“Ethical Issues in Innovative Social and Behavioral Research Methodologies”</i>	Lecture, Discussion
2011	PRIM&R: Social, Behavioral, & Educational Research Conference, Boston MA <i>Screening and Brief Physician Advice to Reduce Teens’ Risk of Substance-Related Car Crashes: An International Trial.</i>	Abstract
	AMERSA at 35: New Times-New Paradigms. AMERSA 35 <sup>th</sup> Annual National Conference, Arlington, VA <i>Adolescent Addiction: Diagnosis and Treatment</i>	
2012	Pediatric UPDATE, Washington University School of Medicine. Audio Recording.	Presentation
	<i>“Effects of Brief Motivational Intervention on Adolescents’ Substance Abuse Treatment Engagement and Outcomes”</i>	
2012	Shaping Practice through Education, Research and Policy. AMERSA 36 <sup>th</sup> Annual National Conference, Bethesda, MD	Panel Moderator

2012	<p><i>“Screening and Brief Interventions of Adolescents and Young Adults In General Medicine Settings: Scientific Updates and General Impressions”</i></p> <p>NIDA-sponsored American Society of Addiction Medicine 43<sup>rd</sup> Annual Medical-Scientific Conference, Atlanta, GA</p>	Lecture, Discussion
2013	<p><i>“Substance Abuse Prevention in the Context of Primary Care: Opportunities for Collaboration”</i></p> <p>Center for the Application of Prevention Technology</p>	Webinar
2013	<p><i>“Validity of Computer v. Clinician Screening of Adolescents in Primary Care”</i></p> <p>AMERSA 37<sup>th</sup> Annual National Conference, Bethesda, MD</p>	Lecture, Discussion
2013	<p><i>Screening, Assessment and Brief Intervention for Cannabis Misuse in Pediatric office Settings</i></p> <p>NIDA-sponsored Research Symposium, Cannabis-Use and Youth: Updates on Risk, Assessment, and Treatment. American Psychiatric Association 2013 Annual Meeting, San Francisco, California. (May 21, 2013)</p>	Lecture, Discussion
2013	<p><i>Substance Abuse Prevention in the Context of Primary Care: Opportunities for Collaboration</i></p> <p>SAMHSA’s Center for the Application of Prevention Technologies (May 23, 2013)</p>	Webinar
2014	<p><i>Adolescent Substance Use: New Strategies for Prevention and Early Intervention in Primary Care</i></p> <p><i>Online training in Adolescent SBIRT in Primary Care for substance use prevention workers across Michigan</i></p>	2-hour Webinar
2015	<p>Lessons from the 40-year War on Drugs. Adolescent Substance Use: New Strategies for Screening and Early Intervention. Radcliffe Institute Seminar, Cambridge, MA (January 20, 2015)</p>	Presentation
2015	<p>Adolescent Substance Use: New Strategies for Early Identification and Intervention in Primary Care.</p> <p>INEBRIA 12<sup>th</sup> Annual International Conference, Atlanta, GA</p>	Keynote

International (Invited Presentations):

2004	<p><i>“Nové strategie efektivní drogové prevence”</i> (New strategies for effective drug abuse prevention)</p> <p>Ministry of Health, Prague, Czech Republic</p>	Presentation, cultural exchange/consultation
2005	<p><i>“New Strategies for Early Identification and Intervention”</i></p> <p>AACAP and Canadian Academy of Child &amp; Adolescent Psychiatry Joint Annual Meeting, Toronto, Canada</p>	Lecture, Discussion Sponsor: NIDA
2006	<p><i>“Perils and Pitfalls of monitoring physicians with behavioral health problems”</i></p> <p>American Medical Association – Canadian Medical Association, International Conference on Physician Health, Ottawa, Canada</p>	Peer-review Workshop
2007	<p><i>“Protective Factors for Adolescents and Families”;</i> <i>“Adolescent Substance Abuse: New Strategies for Early Identification and Intervention”;</i> <i>“Adolescent Substance Abuse Treatment I: Brief Advice and Referral to Treatment”;</i> <i>“Adolescent Substance Abuse Treatment II: Motivational Enhancement Therapy”</i></p> <p>XIX Congresso ABEAD, Alcool e Drogas Cuidando dos Jovens, Rio de Janeiro, Rio de Janeiro, Brazil</p>	Lecture, Discussion (4)
2007	<p><i>“New Interventions for Drug Abuse in Adolescents”</i></p> <p>Universidade Estadual de Campinas, Faculdade de Ciencias Medicas, Depto. De Psicologia Medica e Psiquiatria, Campinas, Brazil, Campinas, Brazil</p>	Lecture, Discussion
2007	<p><i>“Drug Dependence: Adolescents, Families, and Physicians”</i></p> <p>UNIMED Campinas, Departamento de Medicina Preventiva, Special Conference, Campinas, Brazil</p>	Lecture, Discussion
2009	<p><i>“Adolescent Substance Abuse: New Strategies”</i></p> <p>Department of Pediatrics, First Faculty of Medicine, Charles University, Prague, Czech Republic</p>	Grand Rounds
2012	<p><i>Screening and brief physician advice to reduce teens’ risk of substance-related car crashes: a multi-national trial.</i> 2012 International Network on Brief Interventions for Alcohol Problems (INEBRIA) Conference, Barcelona, Spain</p>	Presentation

Educational Innovations



- 1993-2000     **Substance Abuse Education Program, BCH:**  
I organized and directed an education and prevention program for trainees, medical staff, nurses, and social workers. I designed and co-directed the “*Substance Abuse in Pediatrics*” course for pediatric residents. I chaired the first BCH Physician Health Committee.
- 1992-2001     **Behavioral Pediatrics Curriculum, BCH**  
I organized the Behavioral Pediatrics block rotation for BCH residents in 1993, designing the goals, objectives, schedule, syllabus, and evaluation. When the BCH residency merged with Boston Medical Center, I became block rotation Co-Director for the new Boston Combined Residency Program.
- 1996-2000     **Harvard Macy Institute Physician Educators Program, HMS**  
I co-developed the curriculum on “*Leadership in Medical Education*”, wrote a standardized teaching case and accompanying slide presentation, and facilitated an interactive role play exercise on development of educational leadership skills.
- 1996-         **Division of General Pediatrics, BCH**  
I co-directed the Semi-Annual Division Retreats in 1996 and 1998. I was a member of the Clinical Fellowship curriculum committee from 1998-1999 and served as Director of Fellowship Training from 1999-2001. During this time I designed and implemented a structured clinical research training seminar. I served as chair of the division Research Committee from 2001-2004 and organized a division-wide scientific review process in 2002. I serve as core faculty for the Leadership Education in Behavioral Pediatrics training grant, funded by the Maternal and Child Health Bureau, and as Affiliated Faculty for National Research Service Award, *Training Program for Primary Care Research for Children and Families*.

**CLINICAL REPORT:**

**Report of Clinical Activities and Innovations:**

**Clinical Innovations:**

- 1990-1996     **Richmond Medical Program, BCH:**  
I co-founded and directed the medical consultation and management service for children and adolescents on the inpatient psychiatry unit, who had complex co-occurring medical and psychiatric disorders.
- 1999-           **The CRAFFT Questions:**  
I developed and validated this brief, developmentally-appropriate screening test for adolescent substance use. Boston, MA: Copyright Boston Children's Hospital; 1999. The CRAFFT has become the standard of care substance abuse screener for pediatric practice.
- 2000-           **Adolescent Substance Abuse Program (ASAP), BCH:**  
I am the founder and director of a research-guided, full-service outpatient treatment program for adolescents. During its first year in 2000, ASAP's 2 part-time clinicians provided 37 visits. In 2009, ASAP staff included 4 pediatricians, a physician assistant, 2 psychiatrists, 4 full-time social workers, and 2 clinic coordinators. In 2009, ASAP clinicians provided >3000 visits for: interdisciplinary diagnostic assessments, medical consultation and follow-up, individual and family counseling, 13-week psycho-educational group therapy for teens and parents in 3 specialized treatment tracks (substance abuse, opioid dependence, continuing care), psychopharmacology evaluation and treatment, a therapeutic laboratory testing program, medical review officer (MRO) visits for positive laboratory tests, and a buprenorphine maintenance therapy program. ASAP is the only program of its kind located at a children's hospital in the United States.

**REPORT OF EDUCATION OF PATIENTS AND SERVICE TO THE COMMUNITY:**

**Invited Presentations:**

1997	“Doctors on Call”; Two weekly shows: “Attention Deficit Disorders”, and “Learning Disorders” WABU Television	Television Appearance
2003	“Substance Abuse Prevention: Parents Matter” Milton Academy Parents’ Association	Lecture, Discussion
2005	“Teen Substance Use: Parents Matter” Weston Public Schools	Lecture, Discussion
2009	“How to Keep Your Teen Safe, Health, and Successful” Buckingham, Brown, and Nichols School, Cambridge, MA	Lecture, Discussion, Role Play
2009	“Adolescent Development and Risk Behaviors” Youth Counselor Training, Park Street Church Boston, MA	Lecture, Discussion,
2014	“Adolescent Development and Risk Behaviors” Youth, Parent, and Youth Counselor Training, Park Street Church Boston, MA	Lecture, Discussion

**Awards**

2010	2010	2010
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**Podcasts:**

1. Are Our Girls Abusing Alcohol? B\*tween Productions, Inc., 1996.  
URL: <http://www.beaconstreetgirls.com/parents/podcasts.asp> (as of 04/19/2006).
2. No Questions Asked. B\*tween Productions, Inc., 1996.  
URL: <http://www.beaconstreetgirls.com/parents/podcasts.asp> (as of 04/19/2006).
3. The Alcopop Campaign. B\*tween Productions, Inc., 1996.  
URL: <http://www.beaconstreetgirls.com/parents/podcasts.asp> (as of 04/19/2006).
4. Girls Under Pressure. B\*tween Productions, Inc., 1996.  
URL: <http://www.beaconstreetgirls.com/parents/podcasts.asp> (as of 04/19/2006).

**Letters to the Editor and Op-Ed Pieces:**

1. Wechsler H, Knight JR. Controlling underage drinking in college. The Boston GLOBE. September 11, 2000; Sect. A15.

2. **Knight JR**, Levy S. An F for school drug tests. The Boston GLOBE. June 13, 2005; Sect. A15.
3. Levy S, Harris SK, Sherritt L, Angulo M, **Knight JR**. Letter in reply. Archives of Pediatrics and Adolescent Medicine. 2006;160(8):854.
4. Levy S, Harris SK, Sherritt L, Angulo M, **Knight JR**. The authors reply. Journal of Adolescent Health. 2006;39(2):155.
5. Levy S, **Knight JR**. Underage drinking a recipe for disaster. The Boston GLOBE. February 27, 2009; Sect. A15.
6. Jebaraj S, **Knight JR**, Harris SK. Medical marijuana is bad for youth. The Forum: Newsletter of the Massachusetts Chapter of the American Academy of Pediatrics. 2011(Fall):12(4):7-8.

### **Brochures:**

1. Testing your teen for illicit drugs: Information for parents. (Educational brochure) Elk Grove Village, IL. American Academy of Pediatrics. 2003. (**Knight JR**: Principal Medical Reviewer)
2. Tobacco: Straight talk for teens: (Educational brochure) elk Grove Village, IL. American Academy of Pediatrics. 2004 (**Knight JR**: Reviewer)
3. 7 ways to protect your teen from alcohol and other drugs (Educational brochure) Boston, MA. Bureau of Substance Abuse Services, Massachusetts Department of Public Health. 2004 (**Knight JR**: Principal reviewer)
4. What is ADHD Anyway? Questions from teens (Educational Brochure). Elk Grove Village, IL. American Academy of Pediatrics. 2004. (**Knight JR**: Reviewer)
5. What about medicines for ADHD? Questions from teens (Educational Brochure). Elk Grove Village, IL. American Academy of Pediatrics. 2004. (**Knight JR**: Reviewer)
6. Preventing Substance Abuse Starts at Home: Safeguarding Your Children. Boston, MA. The Medical Foundation: Bureau of Substance Abuse Services, Massachusetts Department of Public Health. 2006 (**Knight JR**: Principal reviewer)
7. Opioid Analgesics and Stimulant Medications: A Clinician Guide to Prevent Misuse. Boston, MA. The Medical Foundation: Bureau of Substance Abuse Services, Massachusetts Department of Public Health. 2007 (**Knight JR**: Principal Medical Consultant)

### **Internet Publications:**

1. Treatment e-Book: How to find the right help for your child with an alcohol or drug problem. Partnership for a Drug Free America. (Available on-line: [http://intervene.drugfree.org/wp-content/uploads/2010/02/guide\\_treatment.pdf](http://intervene.drugfree.org/wp-content/uploads/2010/02/guide_treatment.pdf)) (**Knight JR**: Scientific Advisor)
2. Teen-Safe: 15-minutes to save your child's life. Center for Adolescent Substance Abuse Research, Boston Children's Hospital (Available on-line: <http://www.teen-safe.org>) (Harris SK, **Knight JR**)

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### **Peer Review Publications:**

### **Research Investigations:**

1. DuRant R, **Knight JR**, Goodman E. Factors associated with aggressive and delinquent behaviors among patients attending an adolescent medicine clinic. *J Adolesc Health* 1997;21:303-8.
2. Goodman E, **Knight JR**, DuRant R. Use of the life optimism test among adolescents in a clinical setting: A report of reliability testing. *J Adolesc Health* 1997;21:218-20.
3. Emans SJ, Bravender T, **Knight JR**, et al. Adolescent medicine training in pediatric residency programs: Are we doing a good job? *Pediatr* 1998;102:588-95.
4. Frazer C, Emans S, Goodman E, Luoni M, Bravender T, **Knight JR**. Teaching pediatric residents about development and behavior: Meeting the new challenge. *Arch Pediatr Adolesc Med* 1999;153:1190-4.
5. **Knight JR**, Palacios J, Shannon M. Prevalence of alcohol problems among pediatric residents. *Arch Pediatr Adolesc Med* 1999;153:1181-3.
6. **Knight JR**, Shrier L, Bravender T, Farrell M, VanderBilt J, Shaffer H. A new brief screen for adolescent substance abuse. *Arch Pediatr Adolesc Med* 1999;153:591-6.
7. Bravender T, Goodman E, **Knight JR**, et al. Case-based teaching in adolescent medicine. *J Adolesc Health* 2000;26:241-2.
8. **Knight JR**, Goodman E, Pulerwitz T, DuRant R. Reliabilities of short substance abuse screening tests among adolescent medical patients. *Pediatr* 2000;105:948-53.
9. **Knight JR**, Goodman E, Pulerwitz T, DuRant R. Reliability of the Problem Oriented Screening Instrument for Teenagers (POSIT) in an adolescent medical clinic population. *J Adolesc Health* 2001;29:125-30.
10. **Knight JR**, Frazer C, Goodman E, Blaschke G, Bravender T, Emans S. Development of a Bright Futures curriculum for pediatric residents. *Ambul Pediatr* 2001;1:136-40.
11. **Knight JR**, Wechsler H, Kuo M, Siebring M, Weitzman E, Schuckit M. Alcohol abuse and dependence among U.S. college students. *J Stud Alcohol* 2002;63:263-70.
12. **Knight JR**, Sherritt L, Harris SK, Gates EC, Chang G. Validity of brief alcohol screening tests among adolescents: A comparison of the AUDIT, POSIT, CAGE and CRAFFT. *Alcohol Clin Exp Res* 2002;27:67-73.

13. **Knight JR**, Sherritt L, Shrier LA, Harris SK, Chang G. Validity of the CRAFFT substance abuse screening test among adolescent clinic patients. *Arch Pediatr Adolesc Med* 2002;156:607-14.
14. **Knight JR**, Sanchez LT, Sherritt L, Bresnahan LR, Silveria JM, Fromson JA. Monitoring physician drug problems: Attitudes of participants. *J Addict Dis* 2002;21:27-36.
15. Brooks TL, Woods ER, **Knight JR**, Shrier LA. Body modification and substance use in adolescents: Is there a link? *J Adolesc Health* 2003;32:44-9.
16. **Knight JR**, Harris SK, Sherritt L, Kelley K, Van Hook S, Wechsler H. Heavy drinking and alcohol policy enforcement in a statewide public college system. *J Stud Alcohol* 2003;64:696-703.
17. Shrier LA, Harris SK, Kurland M, **Knight JR**. Substance use problems and associated psychiatric symptoms among adolescents in primary care. *Pediatr* 2003;111:e699-705.
18. **Knight JR**, Sherritt L, Gates E, Harris SK. Should the CRAFFT substance abuse screening test be shortened? *J Clin Outcomes Manag* 2004;11:19-25.
19. Levy S, Sherritt L, Harris SK, Gates EC, Holder DW, Kulig JW, **Knight JR**. Test-retest reliability of adolescents' self-report of substance use. *Alcohol Clin Exp Res* 2004;28:1236-41.
20. Levy S, Van Hook S, **Knight JR**. A review of internet-based home drug testing products for parents. *Pediatr* 2004;113:720-26.
21. Roth EJ, Barreto P, Sherritt L, Palfrey JS, Risko W, **Knight JR**. A new, experiential curriculum in child advocacy for pediatric residents. *Ambul Pediatr* 2004;4:418-23.
22. Wilson CR, Sherritt L, Gates E, **Knight JR**. Are clinical impressions of adolescent substance use accurate? *Pediatr* 2004;114:e536-40.
23. Bridgemohan CF, Levy S, Veluz AK, **Knight JR**. Teaching paediatric residents about learning disorders: Use of standardised case discussion versus multimedia computer tutorial. *Med Educ* 2005;39:797-806.
24. Burke PJ, DaSilva JD, Vaughan BL, **Knight JR**. Training high school counselors on the use of Motivational Interviewing to screen for substance abuse. *Subst Abus* 2005;26:31-4.
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26. **Knight JR**, Sherritt L, Van Hook S, Gates E, Levy S, Chang G. Motivational interviewing for adolescent substance use: A pilot study. *J Adolesc Health* 2005;37:167-9.

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29. Wilson CR, Sherritt L, **Knight JR**. Teaching residents about child neglect and parental alcoholism: A controlled pilot study. *Med Educ Online* 2005;10:15.
30. Levy S, Harris SK, Sherritt L, Angulo M, **Knight JR**. Drug testing in general medical clinics, in school and at home: Physician attitudes and practices. *J Adolesc Health* 2006;38:336-42.
31. Levy S, Harris SK, Sherritt L, Angulo M, **Knight JR**. Drug testing of adolescents in ambulatory medicine: Physician practices and knowledge. *Arch Pediatr Adolesc Med* 2006;160:146-50.
32. Wilson CR, Sherritt L, **Knight JR**. Parental alcohol problems: Parents' preferences for screening and intervention in the pediatric office setting. *J Clin Outcomes Manag* 2006;13:146-56.
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35. **Knight JR**, Sanchez LT, Sherritt L, Bresnahan LR, Fromson JA. Outcomes of a monitoring program for physicians with mental and behavioral health problems. *J Psychiatr Pract* 2007;13:25-32.
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37. Levy S, Vaughan BL, Angulo M, **Knight JR**. Results of random drug testing program in an adolescent substance abuse program. *Pediatr* 2007;119:e843-e8.
38. Levy S, Vaughan BL, Angulo M, **Knight JR**. Buprenorphine replacement therapy for adolescents with opioid dependence: Early experience from a children's hospital-based outpatient treatment program. *J Adolesc Health* 2007;40:456-61.
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Harris SK, Doyle S, Sherritt L, Van Hook S, **Knight JR**. "This is your brain on drugs": Adolescent substance abuse prevention through neuroscience education. Association for Medical Education and Research in Substance Abuse 2010 Annual Meeting, Washington DC, 2009. Platform presentation; award winner.

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Van Hook S, Kuzubova K, **Knight J**. Buprenorphine/Naloxone Treatment Outcomes for Opioid-Dependent Youth. Association for Medical Education and Research in Substance Abuse 37<sup>th</sup> Annual National Conference, Bethesda, MD. November 7, 2013. Poster presentation.

### **Narrative**

The primary goal of my research is to improve pediatrician screening and early intervention for adolescent substance use. I began by assessing other brief substance abuse screening tests, then developed a new brief screener known as "CRAFFT" that was shown to be valid, reliable, developmentally appropriate for adolescents, and practical for use in busy pediatric offices. CRAFFT has since become the American Academy of Pediatrics' recommended standard of care in its policy statements, guides, and it is embedded in their Bright Futures health supervision visit forms. We have granted permission for translation of the CRAFFT into more than 20 languages in response to requests from government agencies, health care organizations and researchers across the U.S., Canada, South America, Europe, Asia Minor, Russia, and Japan. In 1999 I received my first NIH R01 grant to validate the CRAFFT in a general adolescent clinic population. Soon after I founded the Center for Adolescent Substance Abuse Research (CeASAR) at Children's Hospital, which today supports a director and full-time co-director, two full-time Master's-level research associates (Director of Data and Technology, Director of Research Operations), 1-4 research assistants, doctoral-level associate investigators (including internationally-sponsored fellows), and 3-6 part-time fellow/junior faculty investigators. In 2002 I founded a research network of primary care practices centered at CeASAR, which also includes the Adolescent Clinic at Tufts-New England Medical Center, the Pediatric Departments at Cambridge Hospital and Fallon Clinic (Worcester, MA), a hospital-based family practice and a large suburban pediatric practice (Concord NH), the Vermont Child Health Improvement Project and its affiliated family practices, two school-based health centers, the resident practice at the Harvard School of Dental Medicine, the Children's Hospital Primary Care Center and the Pediatric Dental Practice. In 2004-5, we received four concurrent NIH grants to develop and test a computer-facilitated screening, brief intervention, and referral to treatment (cSBIRT) system within our research network, and another added 10 pediatric offices in Prague, Czech Republic. The resulting 2012 report provided the first evidence of efficacy for adolescent substance use screening and brief intervention in primary care. In a parallel line of research, we adapted Motivational Enhancement Therapy (MET), which had been shown effective among adults, to make it developmentally-appropriate for adolescents. We then tested MET in our ASAP treatment population. In 2009 we received funding from NIDCR to develop an expanded cSBIRT system, which includes tobacco screening and brief advice, and an interactive MET component for adolescents at high risk. In 2013 we received an R01 from NIAAA to validate their newly published Guide on Alcohol Screening and Brief Intervention for Youth, followed in 2014 by an R34 to further develop and pilot test a computerized MET intervention. NIDA recently decided to launch a national, randomized trial of our cSBIRT system

within their Clinical Trials Network and appointed me to its Steering Committee. Throughout my career, I have incorporated our research findings into medical education and training. In 1993, I initiated the Behavioral Pediatrics block rotation for residents at Children's Hospital. In 1996, I received grant funding from the Maternal and Child Health Bureau (and three competing renewals) for the Collaborative Office Rounds (COR) project, whose goal was to provide problem-based education for community pediatricians in the management of developmental, behavioral, and psychosocial problems. I collaborated with Dr. S. Jean Emans, Chief of the Division of Adolescent/Young Adult Medicine, to obtain funding from MCHB and the Genentech Foundation to produce a standardized national curriculum for pediatric residents on child growth, development, behavior, and adolescent health. We published the final curriculum in a three-volume book series, which MCHB distributed to every pediatric and family medicine residency training program in the U.S. The project website ([www.PediCases.org](http://www.PediCases.org)) has more than 7,600 registered faculty, trainees, and practicing clinicians, representing all 50 states, the District of Columbia, all U.S. territories, and 115 other countries; who have downloaded more than 36,000 case-based educational modules so far. As the Associate Director for Medical Education of the Division on Addictions, I developed and directed the Harvard Medical School Addictions Theme. In 1999 I became Co-Director of the HMS Addiction Medicine CME course, which has tripled in attendance under my leadership. I served for two years as the Director of Fellowship Training for the Division of General Pediatrics at Children's Hospital. I have received two mentorship awards, served as one of 11 national mentors for the HRSA faculty development program in substance abuse education, and currently serve as national mentor for the NIDA-funded Research in Addiction Medicine Scholars program. I've similarly used research to launch science-guided clinical innovations. I founded the Adolescent Substance Abuse Program (ASAP) in 1999. In its first year, ASAP's two clinicians offered appointments one half-day per week and accommodated fewer than 50 visits. By 2009, ASAP's 12 staff provided more than 2500 visits, 4 days/week, including diagnostic evaluations, psychopharmacology services, teen/parent parallel group therapy in three tracks (alcohol/cannabis abuse, opioid dependence, continuing care), medical follow-up, and laboratory monitoring. ASAP was the first program of its kind to be located at a children's hospital, and it was the first program in New England to provide buprenorphine maintenance therapy for adolescents. I served on the Executive Board of the Association for Medical Education and Research in Substance Abuse and three terms on the American Academy of Pediatrics' Committee on Substance Abuse. I have served on 15 national leadership committees (National Institute on Drug Abuse, National Institute on Alcohol Abuse and Alcoholism, National Institute on Dental and Craniofacial Research, President's Office of National Drug Control Policy, Office of the Surgeon General, and two federal grant review panels (Agency for Healthcare Research and Quality, National Institute on Alcohol Abuse and Alcoholism). In 2008, I became the first incumbent of the Boston Children's Hospital endowed chair in Developmental Medicine.