



Physician Clinical Support System

A SAMHSA/CSAT Supported Educational
Resource for Those Treating Patients with
Opioid Dependence

2008 Buprenorphine Summit

*Buprenorphine in the Treatment of Opioid Addiction: Balancing Medication Access with
Quality Care*

Washington, DC, February 21-22, 2008

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Updated February 19, 2008



Buprenorphine is New & Training is the First Step

- Office-based treatment of opioid dependence is a new practice in American medicine
- The Drug Addiction Treatment Act of 2000 requires physicians without expertise in addiction medicine to undergo 8 hours of training prior to using buprenorphine
- More than 16,000 physicians have completed this training
- Nonetheless, many remain cautious about using buprenorphine



Core Components of the PCSS

- National Steering Committee
- Clinical Personnel
 - Medical Director
 - National Clinical Experts
 - (Casadonte, Martin, McKance-Katz, Renner, Saxon)
 - Mentors (86)
- Participants (2798)
- Warmline
- Website (www.pcssmentor.org)
- Liaison with national primary care organizations



National Steering Committee Organizations

- American Academy of Addiction Psychiatry (AAP)
- American Academy of Child and Adolescent Psychiatry (AACAP)
- American Academy of Pediatrics (AAP)
- American Association for the Treatment of Opioid Dependence (AATOD)
- American College of Physicians (ACP)
- AIDS Education and Training Center (AETC)
- American Medical Association (AMA)
- Association for Medical Education and Research in Substance Abuse (AMERSA)
- American Osteopathic Academy of Addiction Medicine (AOAAM)
- American Psychiatric Association (APA)
- American Pain Society (APS)
- American Society of Addiction Medicine (ASAM)
- Addiction Treatment Technology Center (ATTC)
- College on Problems of Drug Dependence (CPDD)
- Center for Substance Abuse Treatment (CSAT)
- Health Resources and Services Administration (HRSA)
- National Alliance of Advocates for Buprenorphine Treatment (NAABT)
- National Alliance of Methadone Advocates (NAMA)
- National Association of State Alcohol and Drug Abuse Directors (NASADAD)
- National Institute on Drug Abuse/Clinical Trials Network (NIDA/CTN)
- New York Academy of Medicine (NYAM)
- Society of General Internal Medicine (SGIM)
- US Department of Veteran's Affairs (VA)

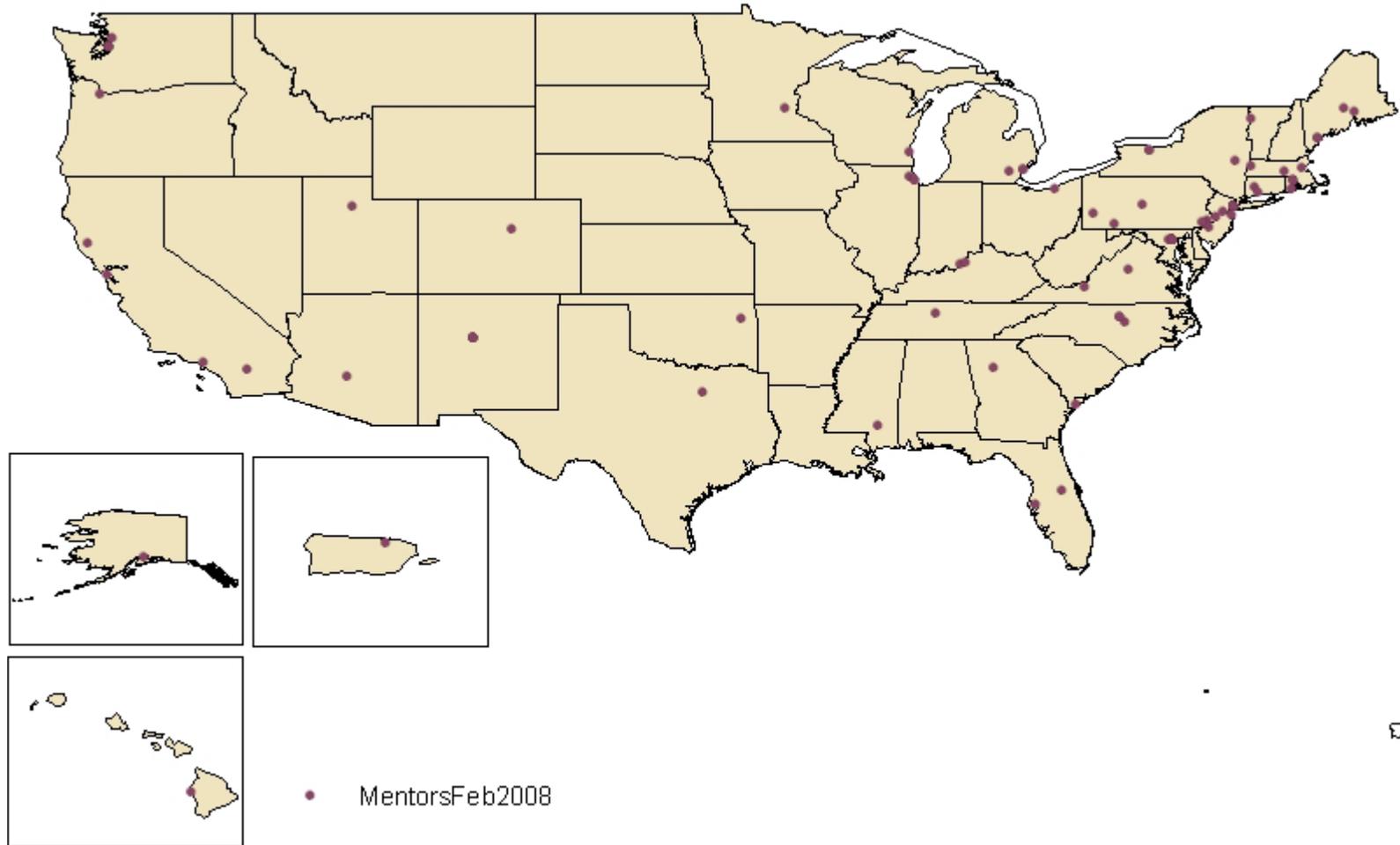


Core Services of the PCSS

- **Mentors**
 - Chosen for clinical and teaching experience
 - Provide: Email and telephone support and on-site demonstration
- **Warmline**
 - National system of telephone and email triage, usually within 24 hours
 - Requests for mentors, general information, CME, physician locator, training,
- **Website**
 - Information regarding training
 - PCSS registration
 - Clinical Resources (e.g. TIP 40, PCSS Clinical Guidances)
 - Listing of Mentors
 - Links to related websites
- **Clinical Guidances**
 - Acute pain management in patients receiving buprenorphine
 - Pregnancy
 - Liver function tests and hepatitis
 - Management of psychiatric medications
 - Billing for office-based services
 - HIV medications in patients with opioid dependence
 - Methadone to buprenorphine transfers

PCSS Mentors

Located in 33 states and Puerto Rico





Mentor Characteristics

(N=72)

Specialty

- Psychiatry 38%
- Internal medicine 28%
- Family medicine 17%
- Addiction medicine/Psychiatry 14%

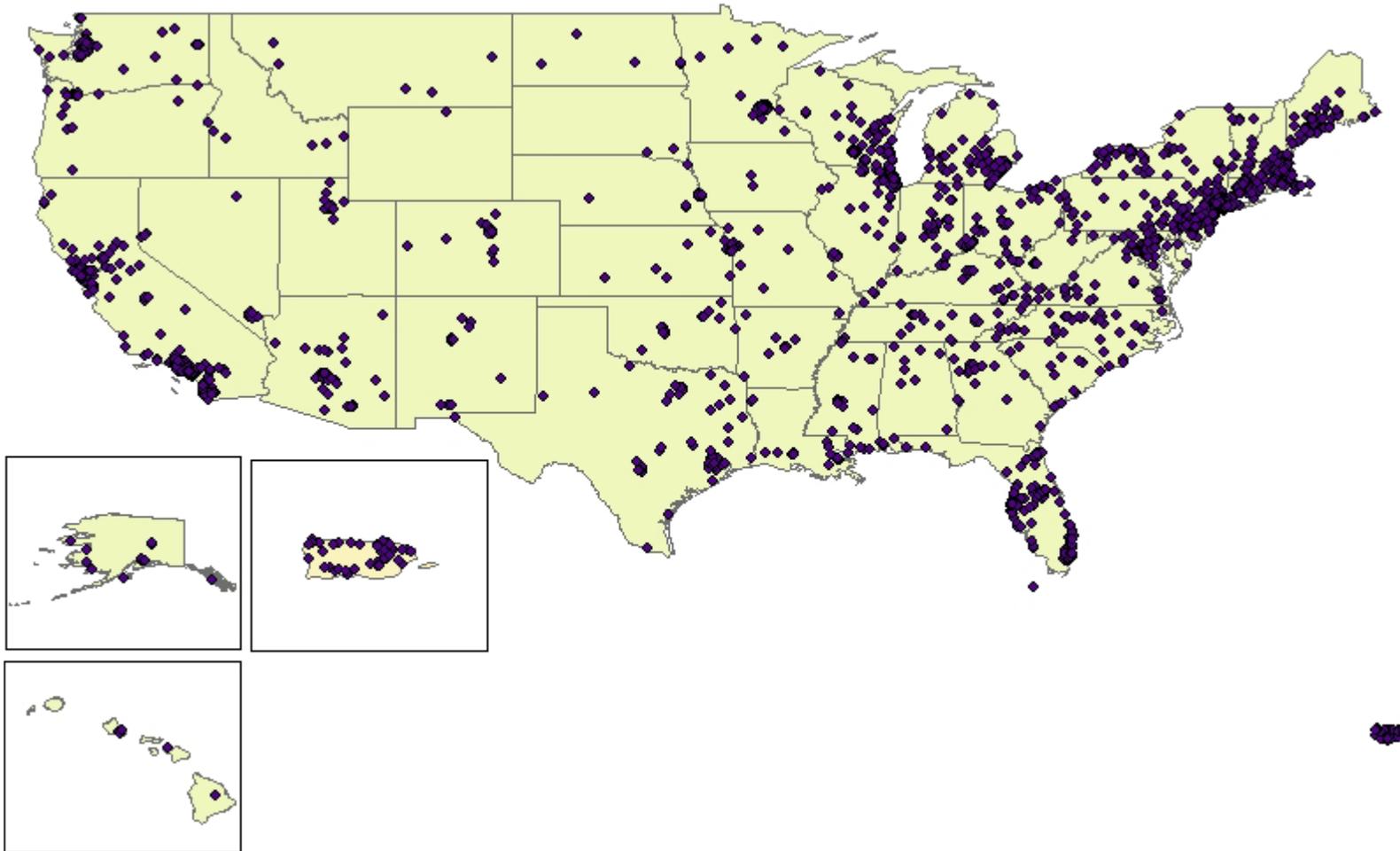
Certified in Addiction Medicine 81%

Primary Practice Settings

- Treatment program 56%
- Private practice 21%
- Academic institution 19%

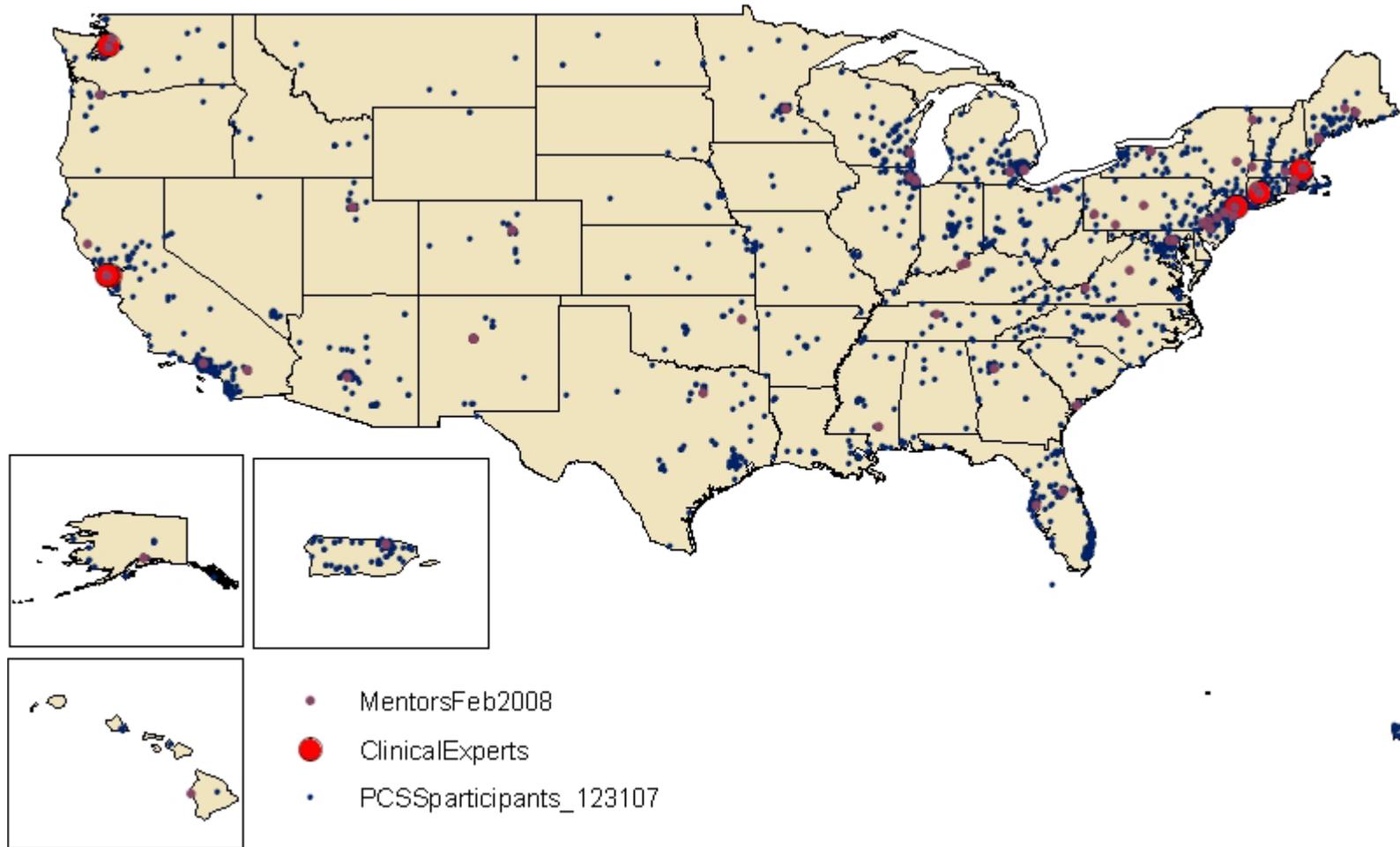
PCSS Participants

50 states, DC, and Puerto Rico



PCSS

Participant, Clinical Experts, & Mentors





Participant Characteristics

(N=2,623)

Participant Demographics*

- Mean age is 50
- 29% are female
- 19% certified in addiction medicine
- 37% reported that they had <1 year of experience treating opioid dependence
- 25% reported that more than a quarter of their patients were abusing prescription opioids

Participant Specialties**

- | | |
|----------------------|-----|
| • Psychiatry | 34% |
| • Family medicine | 24% |
| • Internal medicine | 14% |
| • Addiction medicine | 4% |
| • Other/unknown | 24% |

Primary Practice Settings **

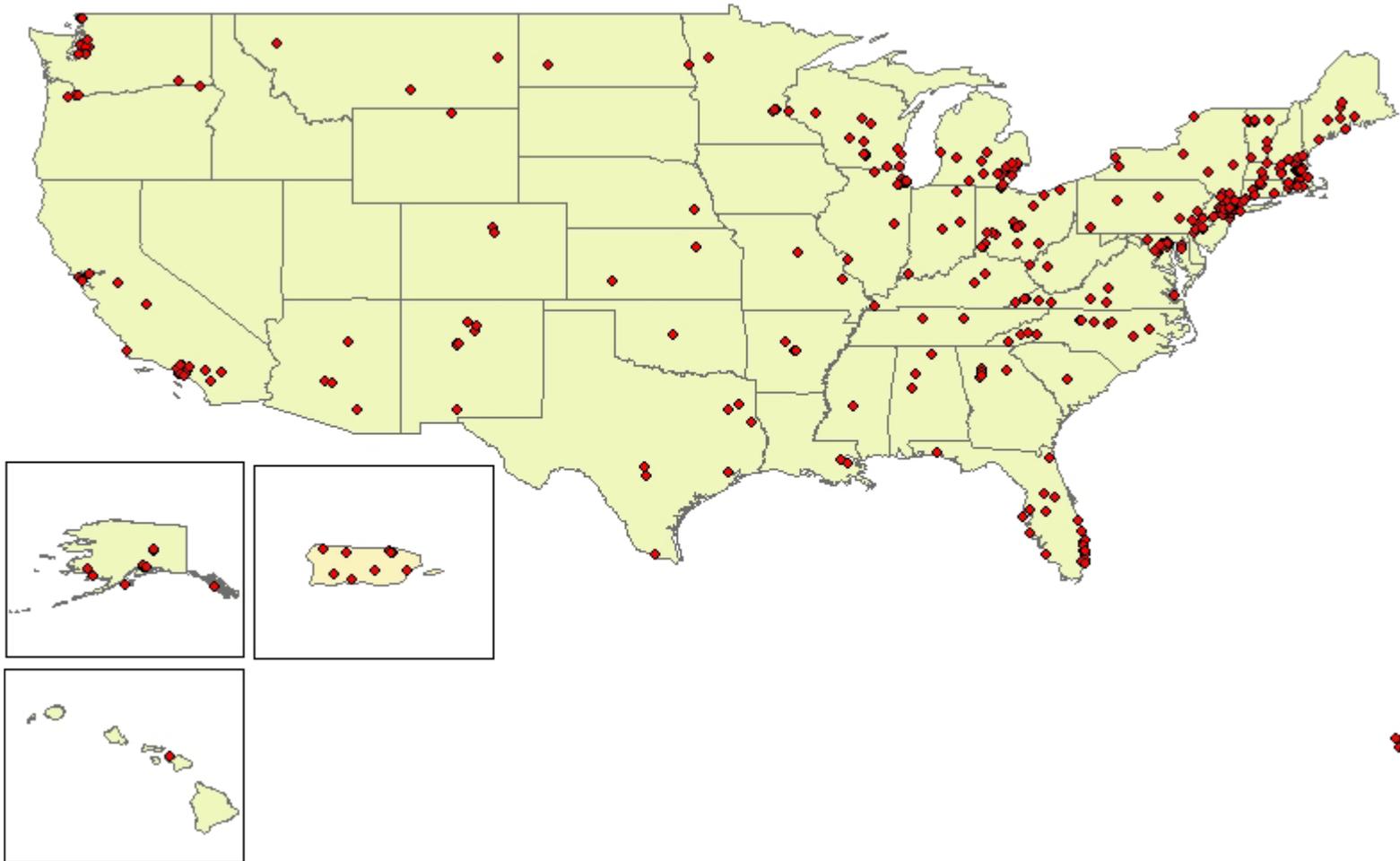
- | | |
|------------------------|-----|
| • Private practice | 51% |
| • Treatment program | 5% |
| • Academic institution | 5% |
| • Other | 38% |

* Of participants who completed baseline (N=188)

** Of all participants (N=2,623)

Mentor Contacts

1,080 contacts in 46 states, DC, and Puerto Rico



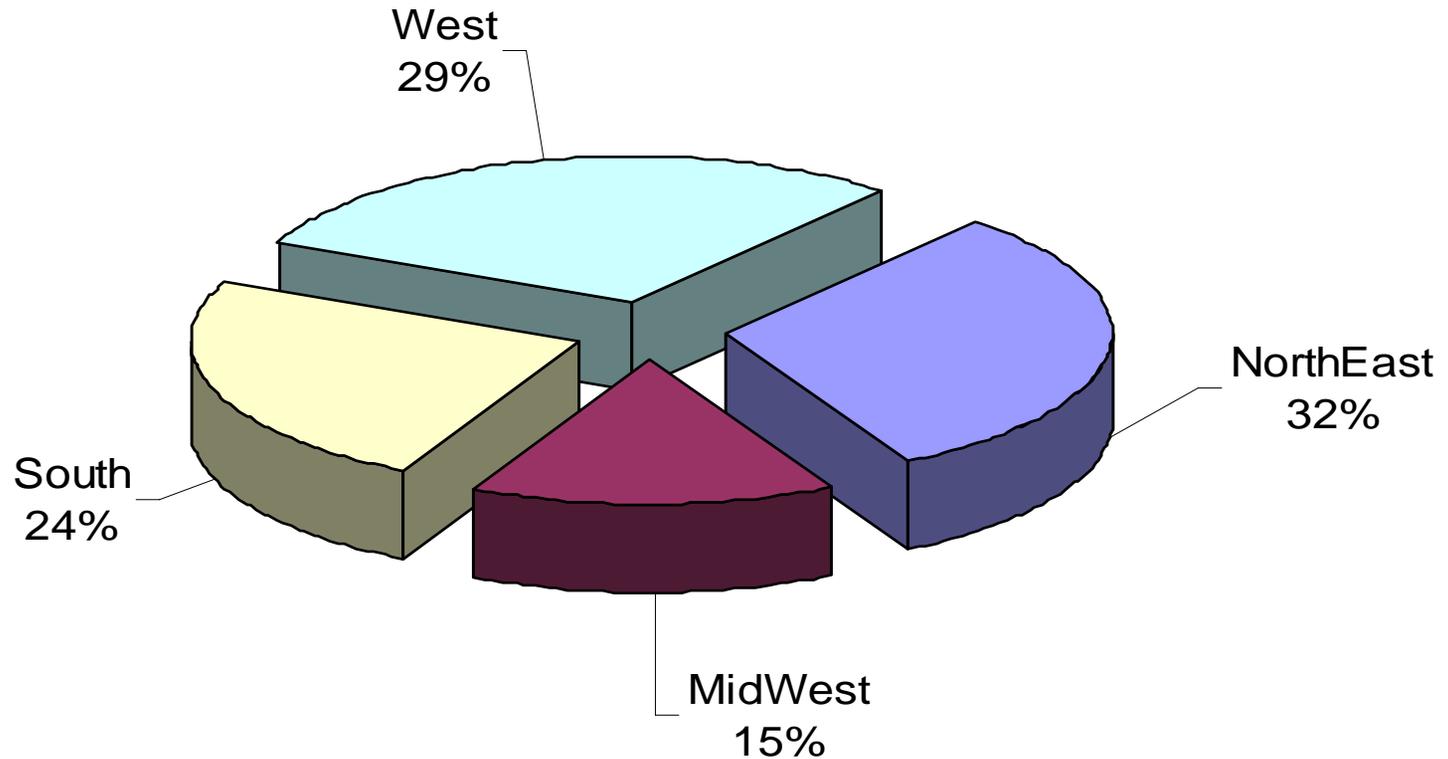


Mentor Services Provided

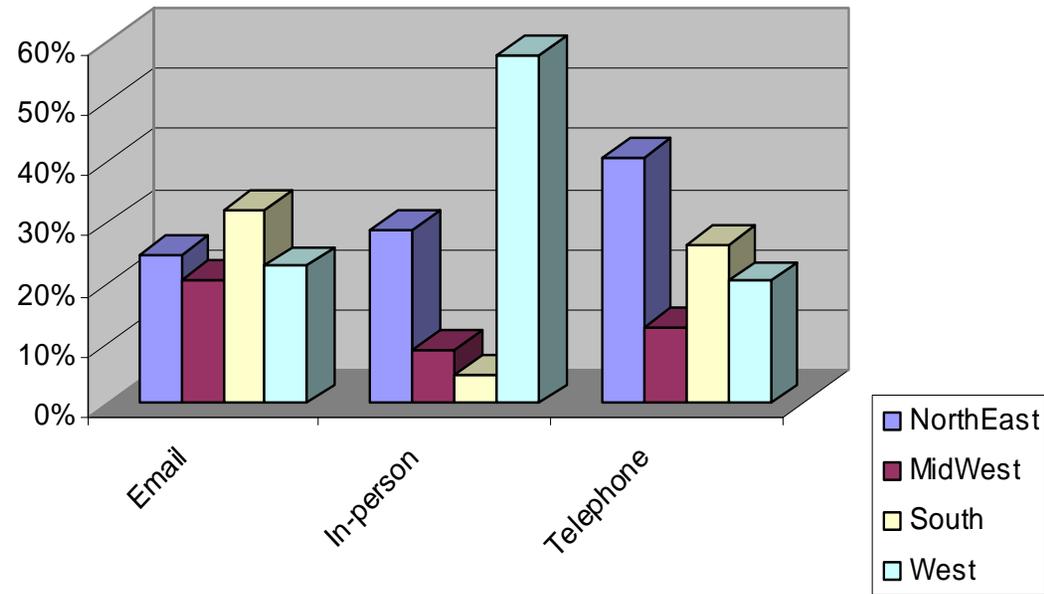
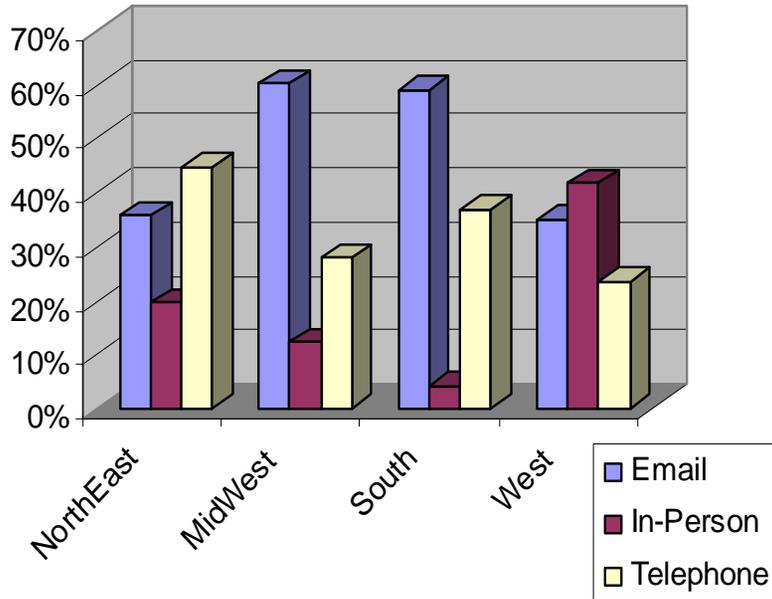
(as of 12/31/07)

- 1,080 contacts by 436 participants in 46 states, Washington DC, and Puerto Rico
- Contacts
 - Email 45%
 - Telephone 34%
 - In person visits 21%
- Content
 - Clinical support 74%
 - Logistical support 19%
- Level of Urgency
 - Routine 84%
 - Urgent 16%

Mentor Services Provided



Mentor Services Provided





Common Clinical Support

(top 5 clinical areas)

Top 5 clinical areas in which support was requested*

- Induction procedure (dose) 35%
- Medication management (dose) 35%
- Induction procedure (timing) 28%
- Clinical logistical assistance 21%
- Chronic pain 12%

* % of clinical requests



Common Logistical Support

(top 5 logistical areas)

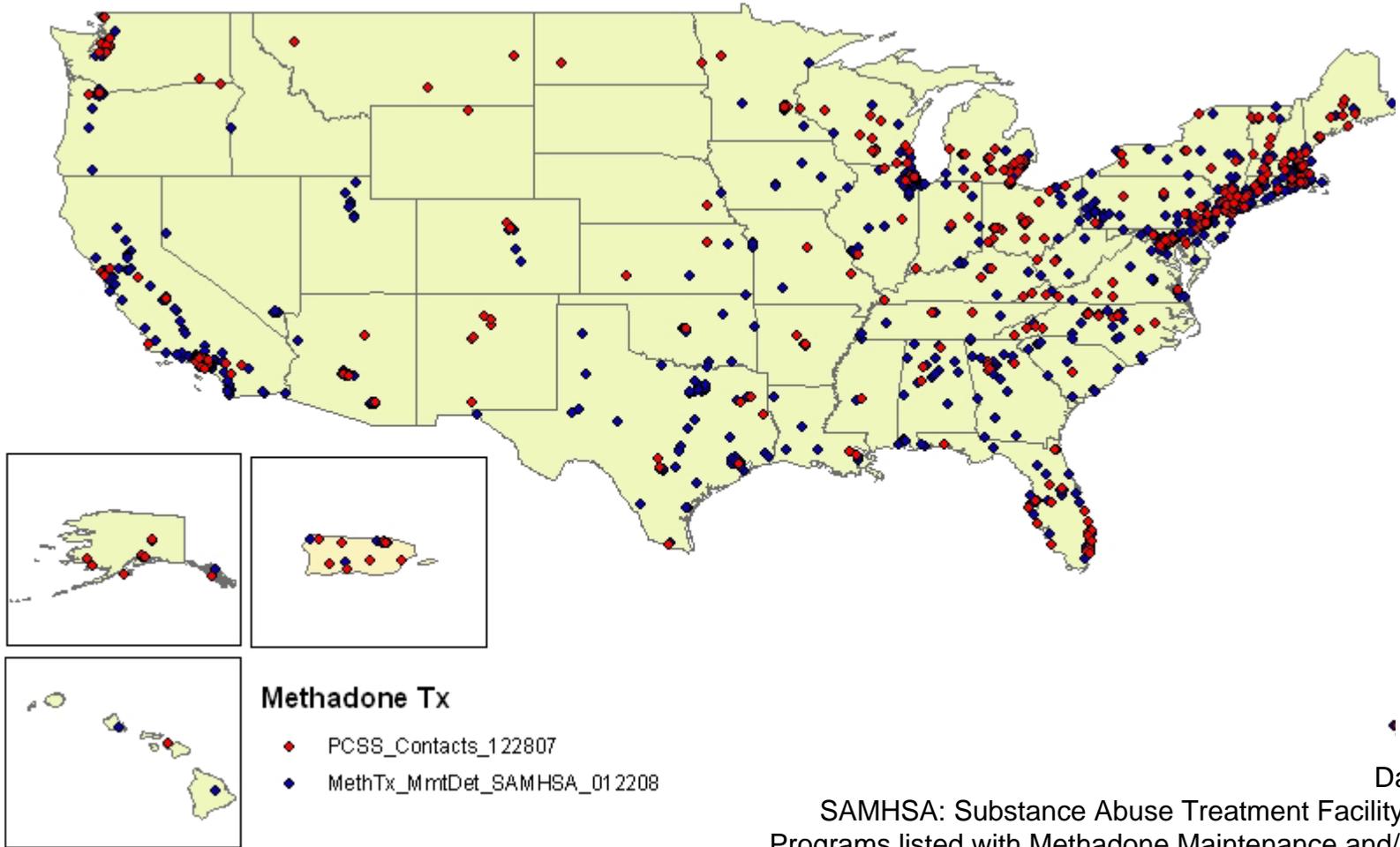
Top 5 logistical areas in which support was requested*

- Scheduling 43%
- Payment 34%
- Provider availability 30%
- Paperwork 26%
- Medication supply 21%

* % of logistical requests

Methadone Treatment x Mentor Contacts

Methadone Maintenance or Detox Programs (N=1026)





Provide support to under serviced areas

PCSS support in substance use treatment in areas without methadone treatment

States with 10 or fewer Methadone TXcenters						
	METHADONE (MMT or Detox)	PCSS Contacts			METHADONE (MMT or Detox)	PCSS Contacts
AK	4	26		MS	1	5
AR	2	3		MT	0	20
CO	6	7		ND	0	4
DC	9	1		NE	1	5
DE	4	1		NH	6	11
HI	4	1		NM	4	198
IA	4	0		NV	9	0
ID	0	1		OK	8	3
KS	5	4		PR	6	12
KY	7	7		SD	0	0
LA	7	2		TN	7	3
ME	8	21		VT	4	37
MO	8	3		WV	7	15
				WY	0	1

Warmline Activity

- Total Requests: 2, 232
 - Requests by Phone: 452
 - Requests by Email: 1, 780



PCSS Website

www.pcssmentor.org

PCSS - Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://pcssmentor.org/> Go Links



PCSSmentor.org

Physician Clinical Support System
An Educational Resource for Those Treating Patients with Opioid Dependence

- HOME
- ABOUT PCSS
- PCSS MENTORS
- RESOURCES
- ADMIN LOGIN
- MENTOR LOGIN

What is the Physician Clinical Support System? (PCSS)

The SAMHSA-funded PCSS is designed to assist practicing physicians, in accordance with the Drug Addiction Treatment Act of 2000, in incorporating into their practices the treatment of prescription opioid and heroin dependent patients using buprenorphine.

The PCSS service is available, at no cost, to interested physicians and staff, to assist in implementing office-based treatment of opioid dependence with buprenorphine. The essential elements of the PCSS are a national network of trained physician mentors with expertise in buprenorphine treatment and skilled in clinical education, who will be supported by NATIONAL EXPERTS in the use of buprenorphine and a MEDICAL DIRECTOR.

The PCSS MENTORS are members of medical specialty societies and provide mentoring support and educational services based on evidence-based practice guidelines. The efforts of PCSS are coordinated by a STERLING COMMITTEE composed of representatives from the Federal government, the leading addiction medicine societies, along with primary care and psychiatric organizations that represent the target physician populations.

It is estimated that in its first year of operation the PCSS will provide clinical support services to primary care physicians, pain specialists, psychiatrists, and other non-addiction medical practitioners in an effort to increase access to this form of treatment. The PCSS serves to significantly increase access to buprenorphine treatment among the millions of untreated opioid dependent patients.

The PCSS is designed to offer support to clinicians on a number of TOPICS. The PCSS is active in 48 states, Washington DC, and Puerto Rico. Click here or on the image below to see the PCSS ACTIVITIES MAP.



How to get involved

Contact PCSS Staff for more information about the program or to find a PCSS clinician in your locale or region.

To register as a PCSS Participant, you may contact the PCSS directly or download, complete, and return the PCSS Participant Registration Questionnaire form. PCSS staff will match you to a mentor within 2 days of receiving your registration form.

EMAIL: PCSSproject@asam.org
PHONE: 877.630.8812
FAX: 301.656.3915
Brochure: [PCSS BROCHURE \(.pdf\)](#)
Registration Form: [PCSS Participant Registration \(.doc\)](#)
On-Line Registration: [PCSS PARTICIPANT ON-LINE REGISTRATION](#)



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PCSS Website Activity

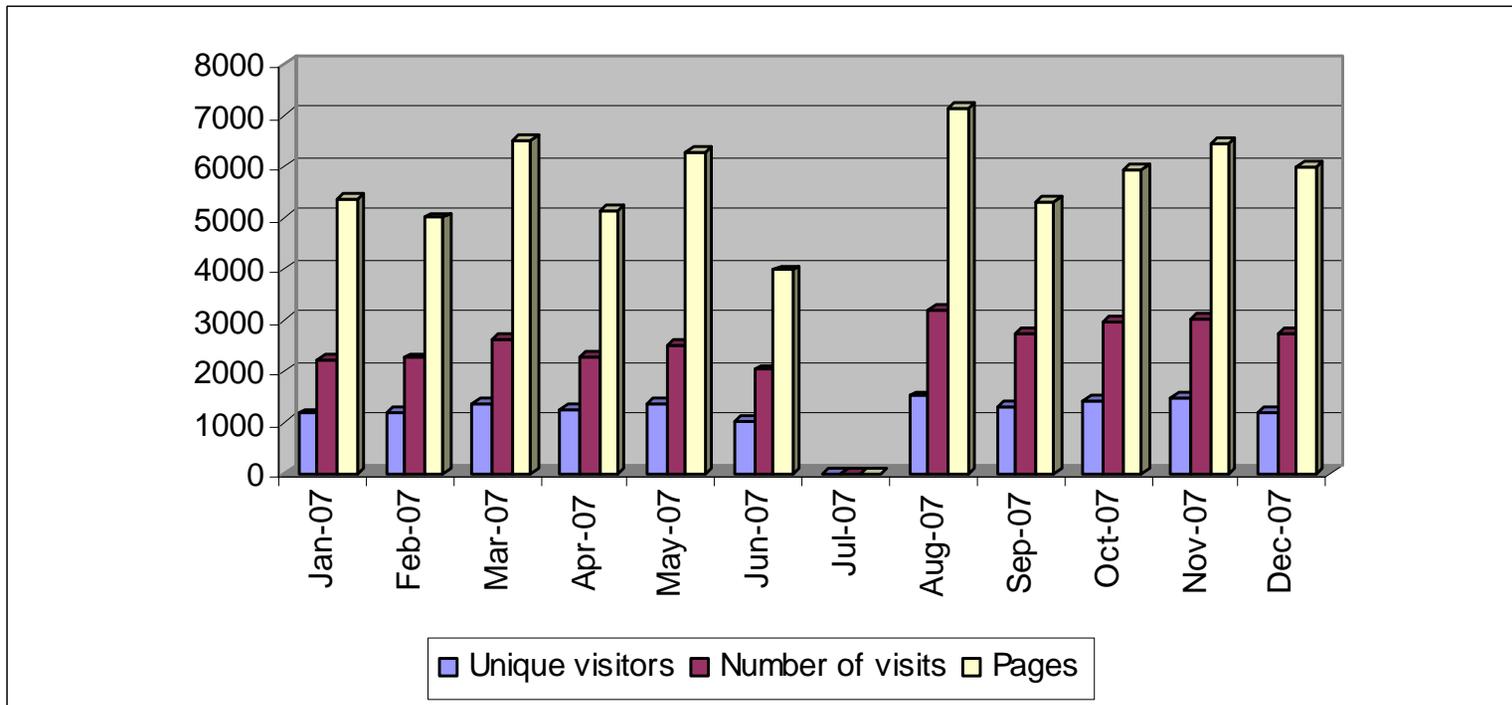
www.pcssmentor.org

In 2007, there were:

- 14,292 unique visitors
- 28,572 visits
- 63,145 pages viewed

Since 2005, there have been

- 50,398 visits
- 154,112 pages viewed





PCSS Website

www.pcssmentor.org

Top Pages Viewed

- [PCSS Home page](#)
- [PCSS Mentors](#)
- [Resources - Events](#)
- [Resources](#)
- [Clinical Resources](#)
- [Guidances](#)
- [About PCSS](#)
- [PCSS Experts](#)
- [Resources – Current](#)
- [PCSS About Topics](#)

Top Documents Downloaded

- [Methadone Transfer Guidance \(1,712\)](#)
- [Pregnancy Guidance \(1,464\)](#)
- [Acute Pain Guidance \(904\)](#)
- [DSM IV Instructions \(822\)](#)
- [Hepatitis Guidance \(767\)](#)
- [Psychiatric Medications Guidance \(710\)](#)
- [Physician Billing Guidance \(637\)](#)
- [COWS \(632\)](#)
- [Tip 2040 \(586\)](#)
- [PCSS Brochure \(521\)](#)



PCSS Liaison with Primary Care

- Articles/mentions of PCSS have appeared in 46 publications, including
 - *USA Today*
 - The American Medical Association News
 - American Academy of Family Practice News
 - American Family Physician
 - Clinical Infectious Disease
 - Society of General Internal Medicine News
 - Annals of Internal Medicine
 - Newsletters of 14 State Medical Associations

Liaison with Primary Care

- PCSS mentors deliver one-hour PCSS slide presentation at annual state chapter meetings of:
 - American Academy of Family Physicians
 - American College of Physicians
 - State Medical Societies
- 2006
 - 26 ACP and AAFP and 8 state medical societies had presentations
- 2007
 - 12 workshops



Conclusion

- The SAMHSA funded Physician Clinical Support System (PCSS) has facilitated buprenorphine implementation by providing important support, after the requisite 8 hour training, to physicians and their practices
- Mentor system has wide reach including email and phone support
- Effective in bringing treatment to rural areas and areas where there are few methadone programs, access via internet and outreach to primary care organizations
- This support compliments the physician education mandated by the Drug Addiction Treatment Act of 2000

Acknowledgments

- Jennifer Brownell
- Katherine Cates-Wessel
- James Egan
- Ruth Finkelstein
- Tracy Gartenmann
- Gionne Graetz
- Linda Weiss
- Vanetta Whitfield
- Darlene Williams

- Mentors

Integrating Buprenorphine into HIV Care: The BHIVES Initiative

BHIVES is funded through:
HRSA's HIV/AIDS Bureau, Special Projects National Significance



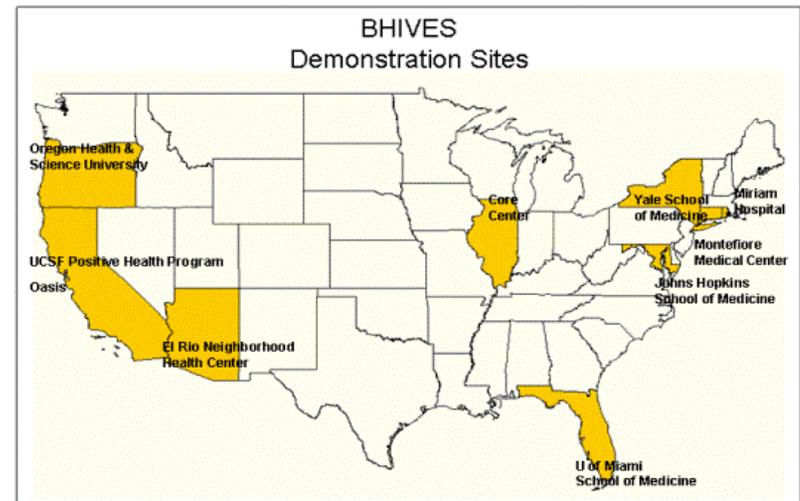
Integrated Buprenorphine & HIV Care Initiative (BHIVES)

- Starting in 2005, HRSA HIV/AIDS Bureau, Special Projects National Significance funded 10 sites to design and implement programs that integrate primary HIV care and the office-based treatment of opioid addiction using buprenorphine.
- Sites designed their own integrated interventions using best practice models of HIV and buprenorphine treatment.
- HRSA also funded an Evaluation and Support Center to coordinate a multi-site evaluation, provide clinical and evaluation technical assistance, and promote dissemination.
- Project Website: www.bhives.org



BHIVES: Model Demonstration Sites

- EL Rio Santa Cruz Neighborhood Health Center, Tucson, AZ
J. Kevin Carmichael, MD
- OASIS, Oakland, CA
Diana Sylvestre, MD
- Oregon Health & Sciences University, Portland, OR
P. Todd Korthuis, MD, MPH
- Montefiore Medical Center, New York, NY
Chinazo Cunningham, MD
- University of Miami Medical School, Miami, FL
Margaret Fischl, MD
- The Miriam Hospital, Providence, RI
Timothy Flanigan, MD
- UCSF Positive Health Program, San Francisco, CA
Paula Lum, MD, MPH
- Johns Hopkins University, Baltimore, MD
Gregory Lucas, MD, PhD
- CORE Center, Chicago, IL
Jeffrey Watts, MD
- Yale University School of Medicine, New Haven, CT
Frederick Altice, MD
Lynn Sullivan, MD

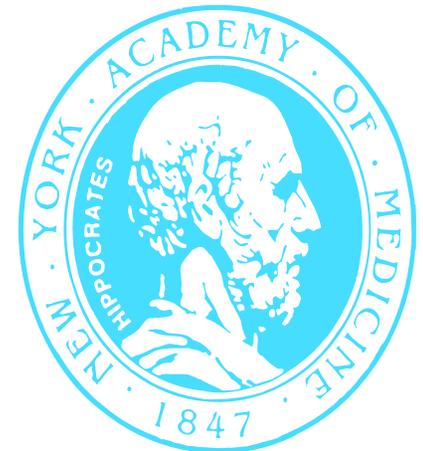


Evaluation and Support Center

New York Academy of Medicine
and Yale University

Support for:

- Design, implementation and evaluation of programs and protocols
- Annual meeting and site visits
- Monthly phone calls for clinical support



BHIVES: Purpose of the Initiative

- Assess the feasibility and efficacy of integrating buprenorphine into the primary care treatment of people living with HIV/AIDS and addicted to opiates.
- Identify best practice models of integrated care that are effective, sustainable, replicable and efficient.
- Promote the application of these models in the HIV health care community.
- Improve the health and well-being of patients with opioid dependence and HIV

BHIVES: Project Status

- Total of 425 participants recruited across the 10 sites
- Cross-site recruitment was completed 12/07
- Follow up will continue for another two years

Sample Characteristics (%) (N=287)	
Male	68
Age	
20-39	18
40-49	48
50+	33.4
EDUCATION	
< HS	45
HS	34
College	21
Race/Ethnicity	
Black	53
Latino	19
White	19
Other	9
Sexual Orientation	
Heterosexual	83.6
Lesbian/Gay/Bisexual	15.8
Homelessness	23