

STATE OF NEW HAMPSHIRE

Honorarium or Expense Reimbursement Report
Executive Branch - RSA 15-B



Type or Print all Information Clearly:

Name: JAMES CHRISTOPHER VARA Work Phone No. 271-2121

Work Address: 107 N. MAIN ST., CONCORD, NH 03301

Office/Appointment/Employment held: OFFICE OF THE GOVERNOR CHRISTOPHER T. SUNUNU
ADVISOR ON ADDICTION AND BEHAVIORAL HEALTH

List the full name, post office address, occupation, and principal place of business, if any, of the source of any reportable honorarium or expense reimbursement.

Source of Honorarium or Expense Reimbursement:

Name of source: First Middle Last

Post Office Address:

Occupation:

Principal Place of Business:

If source is a Corporation or other Entity:

Name of Corporation or Entity: THE NATIONAL DRUG ABUSE CLINICAL TRIALS NETWORK - NORTHEAST NDDE

Name of Corporate/Entity Representative: ANDREA MEYER, DIRECTOR OF OPERATIONS

Work Address of Representative: CENTER FOR TECHNOLOGY AND BEHAVIORAL HEALTH, GEISER SCHOOL OF MEDICINE AT DARTMOUTH, 46 CENTENNIAL PARKWAY, SUITE 315, LEBANON, NH 03766

Value of Honorarium: Date Received: If exact value is unknown, provide an estimate of the value of the gift or honorarium and identify the value as an estimate. Exact Estimate

Value of Expense Reimbursement: \$1,223.55 Date Received: 4/17 A copy of the agenda or an equivalent document must be attached to this filing. Exact X Estimate (SEE ATTACHED)

Briefly describe the service or event this Honorarium or Expense Reimbursement relates to:

CLINICAL TRIALS NETWORK ANNUAL SCIENTIFIC MEETING - BETHESDA, MD - MARCH 22-24, 2017 (SEE ATTACHED)

"I have read RSA 15-B and hereby swear or affirm that the foregoing information is true and complete to the best of my knowledge and belief."

Signature of Filer

5-17-17 Date Filed

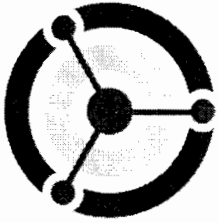
RSA 15-B:9 Penalty. Any person who knowingly fails to comply with the provisions of this chapter or knowingly files a false report shall be guilty of a misdemeanor.

Return to: Secretary of State's Office, State House Room 204, Concord, NH 03301

RECEIVED

MAY 17 2017

NEW HAMPSHIRE DEPARTMENT OF STATE



# CTN-NE

The National Drug Abuse Clinical  
Trials Network - Northeast Node

**Andrea Meier**

Director of Operations

Clinical Trials Network Northeast Node

Center for Technology and Behavioral Health

Geisel School of Medicine at Dartmouth

46 Centerra Parkway, Suite 315

Lebanon, NH 03766

[Andrea.L.Meier@Dartmouth.Edu](mailto:Andrea.L.Meier@Dartmouth.Edu)

JANUARY 9, 2017

Dear Mr. Vara,

You are formally invited to attend the Clinical Trials Network Annual Scientific Meeting in Bethesda, Maryland, from March 22-24, 2017.

Please register for the conference [here](#) (note, registration for the annual meeting is free). There are a few things to keep in mind when registering:

- When filling out the registration form, please name Northeast Node as your affiliation.
- You are able to attend whichever sessions you choose, however, the steering committee meeting, node coordinator workgroup, and study meeting sessions are not interactive.

Though expenses will be covered, you will need to reserve and pay for your hotel and food and have the charges reimbursed on your return. Be sure to keep copies of all expense receipts, including:

- Airfare-related charges (if your flight is NOT booked by us, you will need to send copies of your signed boarding passes to verify that you actually got on the plane),
- Transportation,
- Food, and
- Lodging (hotel receipts **must** show a zero balance to be fully reimbursed).

You will submit an electronic reimbursement request (BER) upon your return. If you would like assistance with this, please contact Samantha Auty ([Samantha.G.Auty@Dartmouth.edu](mailto:Samantha.G.Auty@Dartmouth.edu) (603) 646-7081).

You can access hotel reservations [here](#). Please note, a block of rooms has been reserved at a rate of \$259.00 per night at the hotel hosting the meeting; be sure to register for your room **before February 28** so that you can take advantage of this price and secure lodging. *This meeting is anticipated to be fully booked.*

If you need any assistance arranging flights through the college's travel company, please contact Brian Goodness ([Brian.D.Goodness@Dartmouth.edu](mailto:Brian.D.Goodness@Dartmouth.edu)). Please be aware, you can either take a taxi from the airport (be sure to get a receipt for reimbursement) or you can book a rental car and be reimbursed for the cost (please add this to any receipts you submit after the trip).

Sincerely,

Andrea Meier

GUEST FOLIO

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317	VARA/J	249.00	03/24/17	12:00	5433
Room	Name	Rate	Depart	Time	ACCT#
GK			03/21/17	19:54	
Type			Arrive	Time	
70					

MRW#:

Room Clerk		Address	Payment		
DATE	REFERENCE		CHARGES	CREDITS	BALANCE DUE
03/21	TR ROOM	317, 1	249.00		
03/21	ROOM TAX	317, 1	14.94		
03/21	OCC TAX	317, 1	17.43		
03/22	TR ROOM	317, 1	249.00		
03/22	ROOM TAX	317, 1	14.94		
03/22	OCC TAX	317, 1	17.43		
03/23	STARBUCK	6261 317	6.81		
03/23	TR ROOM	317, 1	249.00		
03/23	ROOM TAX	317, 1	14.94		
03/23	OCC TAX	317, 1	17.43		
03/24	VS CARD				\$850.92

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**jektk44@hotmail.com**

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 Company/Name: \_\_\_\_\_  
 Pick Up: \_\_\_\_\_  
 Destination: \_\_\_\_\_  
 Amount: \_\_\_\_\_ Tip: \_\_\_\_\_ Total: \_\_\_\_\_  
 Driver: \_\_\_\_\_ Car #: \_\_\_\_\_

AUTHORIZATION	SERVER	CLERK
REFERENCE NO.		

5735334

QTY	DESCRIPTION	AMOUNT
	SALES	
	TAX	
	TOTAL	65.00

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 12790  
 2038  
 2038  
 James Cuppen  
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Call (800) BLUE-VAN at least one day in advance for return reservations

PASSENGER RECEIPT  
 3/21/2017 6:04:50PM

CONF#: \_\_\_\_\_  
 PASSENGERS: 1  
 VARA, JAMES  
 Marriott Marinelli Conf. Cent.  
 ROCKVILLE 20852

FARE: \$ 33.00  
 SERVICE CHARGE: \$ 0.00  
 DRIVER FEES: \$ 0.00  
 COMPANY FEES: \$ 0.00  
 DISCOUNT: \$ 0.00  
 TIP: \$ 0.00  
 COMP/GIFT CERT: \$ 0.00  
**TOTAL DUE: \$ 33.00**

PAYMENT TYPE: CC  
 TOTAL PAID: \$ 33.00  
 CHANGE DUE: \$ 0.00

THIS IS A RECEIPT  
 NOT VALID FOR TRANSPORTATION  
 DCA  
 Non-Refundable

LOGAN OVERFLOW PARKING  
 ONE HARBORSIDE STE 200S  
 BOSTON, MA 02128

03/21/2017 14:31:09  
 DEBIT CARD  
 DEBIT SALE  
 Card # XXXXXXXXXXXX4128  
 Network: VISA  
 Chip Card: US DEBIT  
 AID: A000000980840  
 ATC: 0009  
 TC: 80AB0FDE86AA1CFE  
 SEQ #: 119  
 Batch #: 117  
 INVOICE 120  
 Approval Code: 366085  
 Entry Method: Chip Read  
 Mode: Issuer - PIN Bypassed

SALE AMOUNT \$69.00

CUSTOMER COPY



BAGGAGE CHARGE RECEIPT

PASSENGER NAME  
VARA/JAMESCHRISTOPHER

UPTO50LB 23KG AND62LI 1 25.00 USD

UBER  
Get your first ride free  
(up to \$20.00)  
PROMO CODE: RideAA

DCA BOS - AA  
Total with Applicable TFC 25.00 USD  
Credit Card VI XXXXXXXXXXXXX3038

Fare 25.00USD  
TFC  
TFC  
TFC  
Total 25.00USD  
FLIGHT 2116  
DATE MARCH 24, 2017  
PNR: NSMQXF  
Agent: DCA-SSM 001 0276815999 5

TFC=TAXES, FEES & CHARGES

NOT VALID FOR TRAVEL

jetBlue

RECEIPT

Date:  
21 MAR 17

Traveler(s):  
VARA/JAMESCHRISTOPHER

PNR:  
GWBJLP

Description: Quantity: Fee:

First Bag 1 \$25.00

\$25.00

\*\*\*\*3038  
AUTH 03948D

BOSK301

& & 403 & &  
Bethesda North Marriott  
On The Rocks

24737 Bimal

CHK 1901 TBL 31/3  
GST 3  
3/21/2017 10:31 PM

1 GREY GOOSE 11.47  
CRAN JUICE  
1 MERITAGE LG 16.00

Subtotal: \$27.47  
Tax: \$1.99  
10:31 PM

TOTAL DUE: \$29.46

GRATUITY 5.00  
TOTAL 34.46

ROOM NUMBER \_\_\_\_\_

PRINT LAST NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

at Bethesda North Marriott !

# Hudson News

LOGAN INT'L AIRPORT  
300 TERMINAL C  
EAST BOSTON, MA 02128

STORE: 01063 REG: 002 CASHIER: ABRAHAM

ENERGIZER TRAIL MIX

087076244606 1 @ 5.99 5.99 N

SUBTOTAL 5.99

TOTAL 5.99

AMOUNT TENDERED

Visa 5.99

SALE

ACCT: \*\*\*\*\*3038

EXP: \*\*\*\*\*

APPROVAL: 05274D

ENTRY METHOD: SWIPED

TOTAL PAYMENT 5.99

Transaction: 17157 3/21/2017 3:45 PM

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7

Host: Maria  
7

03/22/2017  
2:21 PM  
30110

Taco (3 @2.66)  
3 Taco > 3  
(3)Corn Tortilla  
(3)NO MEAT (Vegetarian)  
(3)Jefe  
(3)Guacamole  
Reg Soda

7.98

2.50

Subtotal

10.48

Total Tax

1.05

For Here Total

11.53

Visa #XX:XXXXXXXXX3038  
Auth:066150

11.53

SIGNATURE : \_\_\_\_\_

Thank you!  
Come Again!  
To order online, visit  
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--- Check Clo

& & 501 & &  
Bethesda North Marriott  
Market/Starbucks



Paradies Lagardere  
# 3752 - Say Si Bon!  
Ronald Reagan National Airport  
Arlington, VA

24744 Mane1 1

CHK 6261  
3/23/2017 10:48 AM

11414 Rockville Pike  
Rockville, MD 20852  
Check #: 75478-4514

1 WHOLE FRUIT 1.23  
1 KIND BAR 2.36  
1 BLT ICED TEA 2.83

Table 128:128  
Camden V  
09:41 PM 03/23/2017  
Transaction #: 1291886135

Subtotal: \$6.42  
Tax: \$0.39

Card Number Auth Code  
xxxxxxxxxxxx3038 040070  
Visa

10:48 AM  
TOTAL DUE: \$6.81

Check Amount 26.71

GRATUITY \_\_\_\_\_

TOTAL \_\_\_\_\_

Tip..... 6.00

ROOM NUMBER \_\_\_\_\_

Total... 32.71

PRINT LAST NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

at Bethesda North Marriott !

X  
Cardmember agrees to pay total in  
accordance with agreement governing  
use of such card.

1974 Monica

CHK 419090 GST 1  
3/24/2017 4:57 PM

1 SWEDISH RED FISH PEG 3.39  
1 NESTLE PUR LIFE 1 LI 3.79  
\*\*\*\*\*3038  
Visa:01441D  
Credit Authorization 7.61 X  
Visa \$7.61 X  
\*\*\*\*\*3038  
Tax Exemption \$0.15 X  
  
Retail \$7.18  
Tax \$0.43  
Payment \$7.61  
Change Due \$0.00

----- Check Closed -----  
3/24/2017 4:57 PM

Tell us about your experience and enter  
for a chance to win a \$500 GIFT CARD!

In the next 7 days, please visit  
MyFoodFeedback.smg.com to take the  
survey & for official sweepstakes rules.

To enter the survey, you will need to  
provide specific information from  
this receipt.

SURVEY CODE  
7102 5697 5104 4327 9130

Paradies Shops - National  
Washington National Airport  
Washington, DC

KIND DK CH ALM COC	01160160000	
	2.74 NT	
SNAPPLE TEAS 16OZ	06710631006	
	2.56 tTT	
SUBTOTAL		\$5.30
TAX03		\$0.15
TAX08		\$0.16
<b>TOTAL</b>		<b>\$5.61</b>
VISA		\$5.61
**** ** 3038		
PURCHASE		
SWIPED		
APPROVED		
AUTH# 000		
INVOICE #: 1367		
03/24/2017 03:36PM		
REFERENCE #: 708319603839		

ITEMS 2  
03/24/17 03:36PM  
0738 02 8293 SANGEETA 1367

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Washington Reagan Airport  
708-531-1694  
3/24/2017 15:27  
=====

22502 DCA  
Check: 917219  
Server: Meaza  
Terminal: 91  
Center Pier  
=====

225 DCA  
1 Md Ice Tea 1.57  
Subtotal 1.57  
Tax 0.16  
Total 1.73

Visa 1.73  
XXXXXXXXXXXX3038 - VARA/JAMES  
GRAND TOTAL 1.73

=====

T91 C93293 3/24/2017 15:27

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# WHOLE FOODS. MARKET

Rockville White Flint RWF  
11355 Woodglen Dr.  
Rockville  
Maryland, 20852  
301-984-4880

Food/Beverage	
WFM ITALIAN WTR SGL	\$0.99 FT
OATMEAL W TOPPINGS	\$2.49 T
BREAKFAST BAR	
1.29 lb @ \$7.99 / lb	\$10.31 T
Tare Weight 0.131b	
CV WTG BANANA	
0.39 lb @ \$0.59 / lb	\$0.23 F
Tare Weight 0.011b	
Subtotal:	\$14.02
Total Savings:	\$0.00
Net Sales:	\$14.02
Tax/Fee	\$0.83
Total:	\$14.85
Sold Items:	4
Paid:	
VISA	\$14.85

Tax/Fee Summary			
Name	Rate	Taxed Amt.	Tax Amt.
MARYLAND, S	6.00	13.79	0.83
Tax/Fee Total:			\$0.83

03/24/2017 10:24:56  
MI001899971 TID: 1  
204183

CREDIT CARD  
PURCHASE

CARD #:	XXXXXXXXXXXX3038
Chip Card:	VISA CREDIT
Chip Card AID:	A0000000031010
ATC:	0066
TC:	48B0ABABE3968607
INVOICE:	204183
Approval Code:	03680D
Entry Method:	Chip Read
Mode:	Issuer
SALE AMOUNT	\$14.85
APPROVED BY ISSUER	

(1089576) 10235  
204 4629 03/24/2017 10:25 AM



# WHOLE FOODS. MARKET

Rockville White Flint RWF  
11355 Woodglen Dr.  
Rockville  
Maryland, 20852  
301-984-4880

Food/Beverage	
FRNCH FRZ CRINKLE CUT	
2 @ \$2.00 EACH	\$4.00 T
CRVRGHT CRPS CHC CKY	\$3.99 F
MEDIUM SOUP	\$5.99 T
SALAD BAR	
1.94 lb @ \$8.99 / lb	\$17.44 FT
Tare Weight 0.101b	
POLS MINERAL WATER	\$1.19 FT
Subtotal:	\$32.61
Total Savings:	\$0.00
Net Sales:	\$32.61
Tax/Fee	\$1.72
Total:	\$34.33
Sold Items:	6
Paid:	
VISA	\$34.33

Tax/Fee Summary			
Name	Rate	Taxed Amt.	Tax Amt.
MARYLAND, S	6.00	28.62	1.72
Tax/Fee Total:			\$1.72

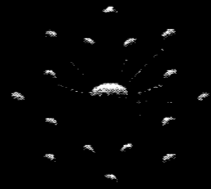
03/22/2017 19:10:26  
MI001899971 TID: 1  
212550

CREDIT CARD  
PURCHASE

CARD #:	XXXXXXXXXXXX3038
Chip Card:	VISA CREDIT
Chip Card AID:	A0000000031010
ATC:	0065
TC:	1D70C41A040CBE62
INVOICE:	212550
Approval Code:	00806D
Entry Method:	Chip Read
Mode:	Issuer
SALE AMOUNT	\$34.33
APPROVED BY ISSUER	

(1262807) 10235  
212 8691 03/22/2017 07:10 PM





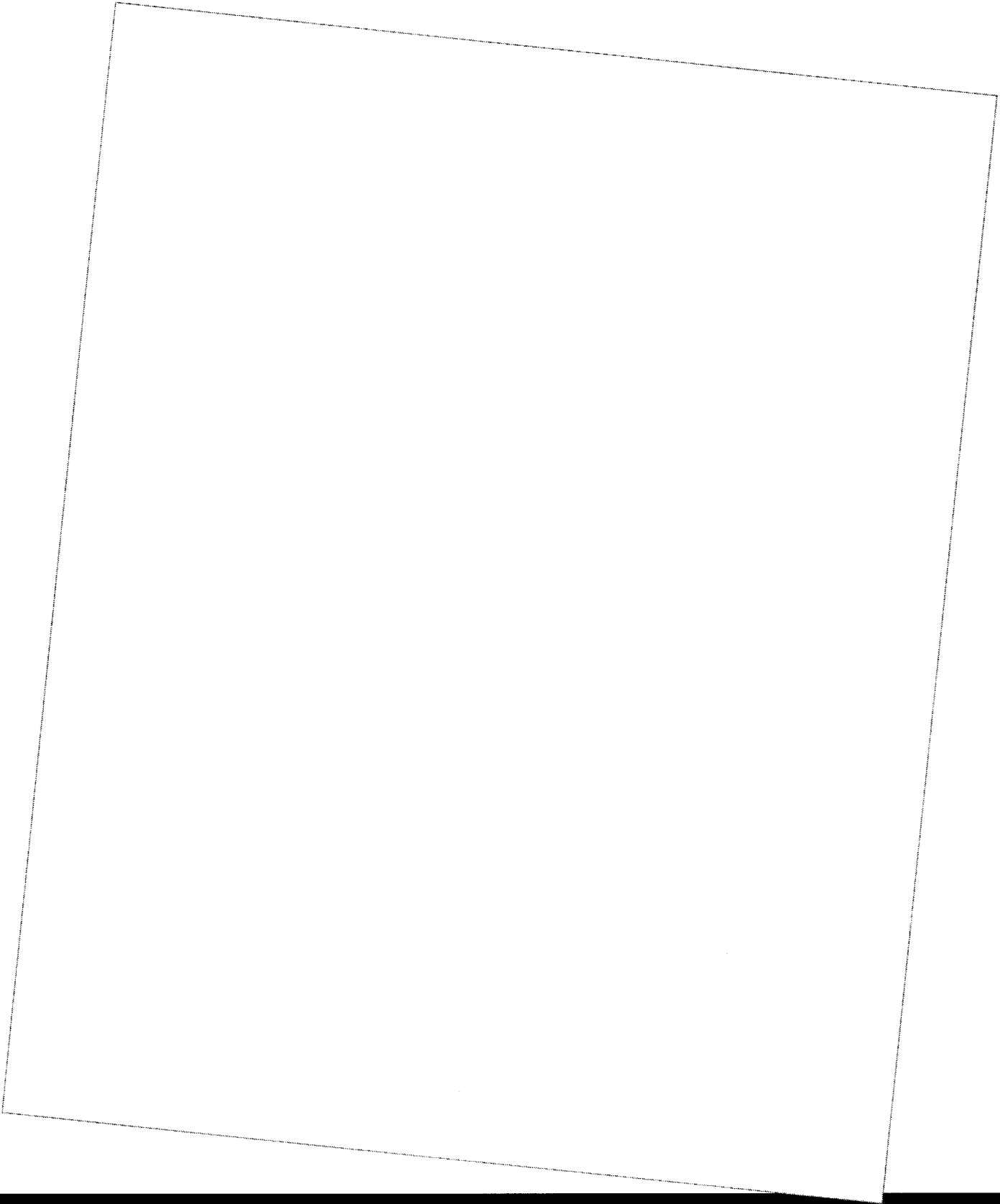
## **Table of Contents**

<b>Welcome Letter</b> .....	<b>3</b>
<b>Agenda</b> .....	<b>4</b>
<b>Symposia Summaries</b> .....	<b>7</b>
<b>Scientific Poster Session</b> .....	<b>13</b>
<b>CEU/CME Information</b> .....	<b>25</b>
<b>Biographies</b> .....	<b>27</b>
<b>Planning Committee</b> .....	<b>41</b>
<b>Hotel Floor Plan</b> .....	<b>43</b>





# Welcome Letter



# Agenda

Thursday, March 23, 2017

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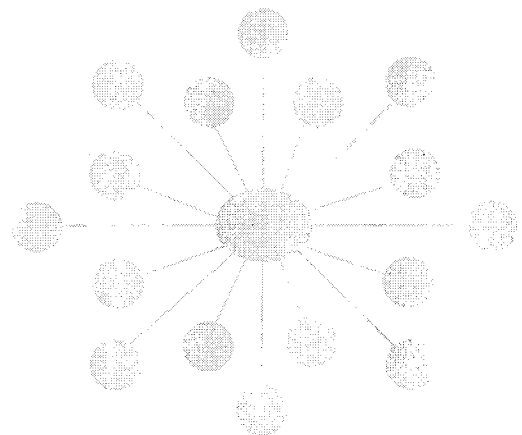
Agenda

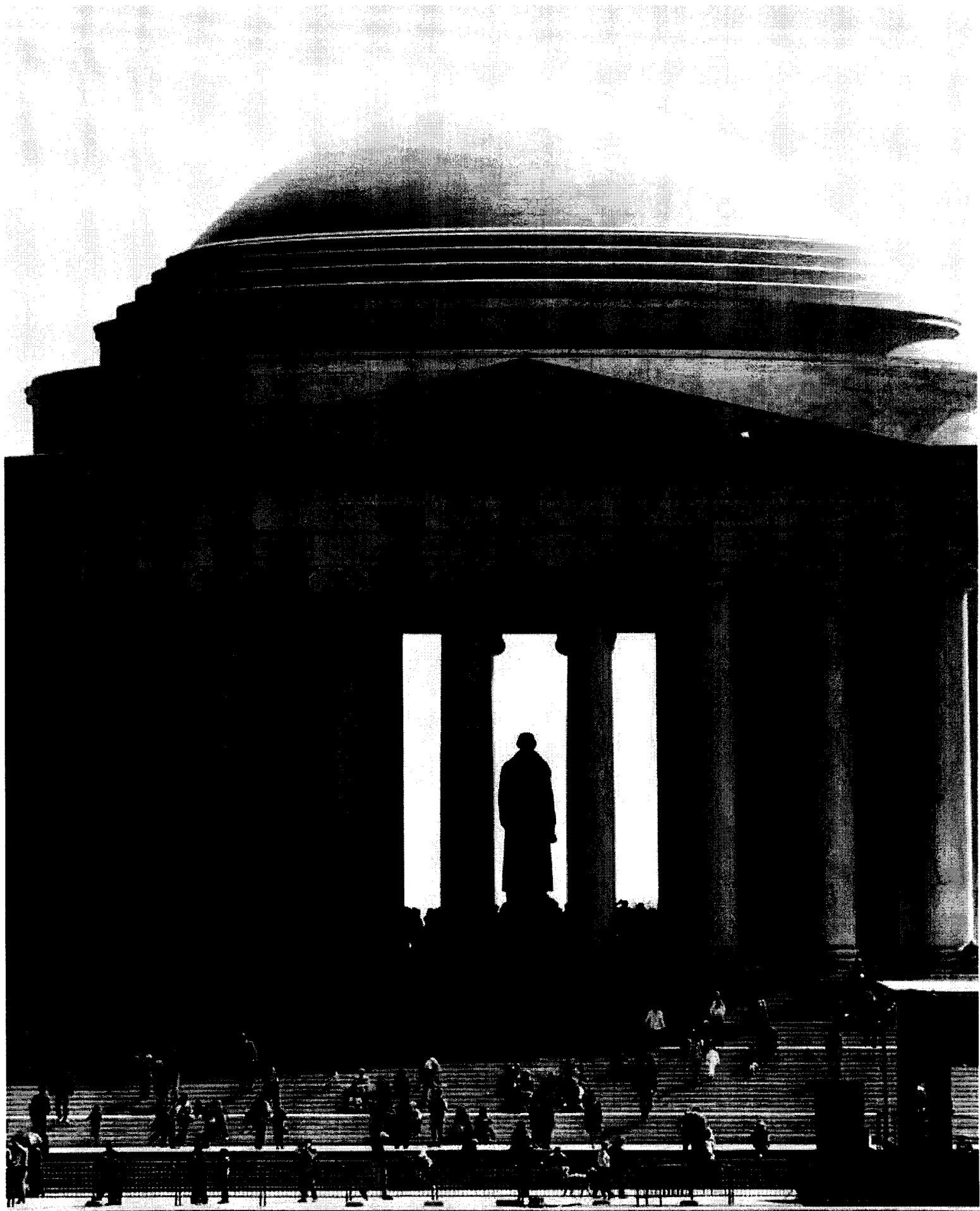
- 9:00 a.m. - 9:15 a.m.     **Welcome**
- 9:15 a.m. - 9:45 a.m.     **Opening Remarks**  
Boyd K. Rutherford, J.D., M.A.  
Lieutenant Governor of Maryland
- 9:45 a.m. - 10:30 a.m.    **Keynote - Evidence Generation to Inform Policies and Clinical Care for Drug Abuse**  
Robert M. Califf, M.D.  
Professor of Medicine, Duke University
- 10:30 a.m. - 11:00 a.m.   **Break**
- 11:00 a.m. - 12:30 p.m.   **Long-term Opioid Treatment Outcomes**  
Symposium Chair: John Rotrosen, M.D.  
Presenters: Yih-Ing Hser, Ph.D.; Jennifer S. Potter, Ph.D., M.P.H.;  
Joshua Lee, M.D., M.Sc.  
Discussant: Edward Nunes, M.D.
- 12:30 p.m. - 2:00 p.m.    **Lunch**
- 2:00 p.m. - 3:30 p.m.     **Management of Adolescent Substance Use Disorder (SUD): An Overview and Next Steps**  
Symposium Chair: Geetha Subramaniam, M.D.  
Presenters: Alan J. Budney, Ph.D.; Marc Fishman, M.D.; Steven H. Chapman, M.D.
- 3:30 p.m. - 4:00 p.m.     **Break**
- 4:00 p.m. - 5:30 p.m.     **Applications of mHealth to Addiction Treatment**  
Symposium Chairs: Lisa Marsch, Ph.D.; Kenzie Preston, Ph.D.  
Presenters: Lisa Marsch, Ph.D.; Kenzie Preston, Ph.D.;  
Lorien Abrams, Sc.D., M.A.
- 5:30 p.m. - 7:00 p.m.     **Scientific Poster Session**

## Friday, March 24, 2017

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- 8:30 a.m. - 10:00 a.m. **Precision Medicine**  
Symposium Chair: Gavin Bart, M.D., Ph.D.  
Presenters: Joni Rutter, Ph.D.; Neal Benowitz, M.D.;  
Santosh Kumar, Ph.D.
- 10:00 a.m. - 10:30 a.m. **Break**
- 10:30 a.m. - 12:00 p.m. **Research and Treatment of HIV-infected Patients with Substance Use Disorders**  
Symposium Chairs: Susan Tross, Ph.D.; Petra Jacobs, M.D., M.H.S.  
Presenters: Holly Hagan, Ph.D.; M.P.H., RN; Frederick Altice, M.D., M.A.;  
Carlos del Rio, M.D.  
Discussants: Lisa Metsch, Ph.D.; Todd Korthuis, M.D., M.P.H.
- 12:00 p.m. - 1:30 p.m. **Lunch**
- 1:30 p.m. - 3:00 p.m. **Practice-Based Research Networks: Integrating Substance Use Research**  
Symposium Chair: Dennis Donovan, Ph.D.  
Presenters: Betty Tai, Ph.D.; Rowena Dolor M.D., M.H.S.;  
Nancy Elder, M.D., M.S.P.H.; Theresa Winhusen, Ph.D.;  
Laura-Mae Baldwin, M.D., M.P.H.; Dennis Donovan, Ph.D.





Jefferson Memorial

# Symposia Summaries

## Long-term Opioid Treatment Outcomes

This symposium will bring together lead investigators of three recently conducted multisite opioid treatment trials to discuss long term outcomes with an eye toward predictors of medication adherence, good and bad clinical outcomes, and how these findings can inform treatment, research needs, and future CTN studies.

**Symposium Chair:**

John Rotrosen, M.D. – New York University

**Presentations:**

**Starting Treatment with Agonist Replacement Therapies Study Long-term Follow-Up**

Yih-Ing Hser, Ph.D. – University of California, Los Angeles

**Outcomes of Treatment-seeking Prescription Opioid-dependent Enrollees in the National Drug Abuse Treatment Clinical Trials Network Prescription Opioid Addiction Treatment Study**

Jennifer S. Potter, Ph.D., M.P.H. – University of Texas Health Science Center at San Antonio

**Long-term Drug-free Success/Failure within an 18-month Multisite CJS XR-NTX Trial: Medication Adherence, Baseline and Within-treatment Predictors**

Joshua Lee, M.D., M.Sc. – New York University

**Discussant:**

Edward Nunes, M.D. – Columbia University

**Notes:**

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Symposia Summaries



# Management of Adolescent SUD: An Overview and Next Steps

Identifying and managing SUD in adolescents is a high CTN priority. The evidence base is building and there are several approaches to addressing this broad topic. This symposium will review select topics on the treatment of SUDs in adolescents and young adults, including school-based SUD interventions, treatment interventions for opioid use disorders, and issues of implementing screening and brief interventions in pediatric primary care settings.

### Symposium Chair:

Geetha Subramaniam, M.D. – National Institute on Drug Abuse

### Presentations:

School-Based SUD Interventions - What Next?

Alan J. Budney, Ph.D. – Dartmouth College

Treatment of Opioid Addiction in Youth

Marc Fishman, M.D. – Johns Hopkins University

Screening, Brief Intervention, and Referral to Treatment (SBIRT) in Pediatric Primary Care: Lessons from the Front Line

Steven H. Chapman, M.D. – Dartmouth Hitchcock Medical Center

Symposia  
Summaries

Notes:

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# Applications of mHealth to Addiction Treatment

Mobile technologies have fundamentally changed many aspects of our society and hold similar promise for expanding the reach, personalization and cost-effectiveness of treatment for substance use disorders. This session will provide an overview of ways in which digital technologies can be harnessed in the assessment and treatment of substance use disorders; describe collection of data with smartphones and other mobile devices in individuals with substance use disorders and present research on individual and environmental influences on stress, craving, and drug use; and an overview of the landscape of how mobile phones are being used for smoking cessation, describe evidence to date to support their use including from her own research on adult and pregnant smokers, and describe mechanisms for their effectiveness.

## Symposium Chairs:

Lisa Marsch, Ph.D. – Dartmouth College  
Kenzie Preston, Ph.D. – National Institute on Drug Abuse

## Presentations:

**Harnessing Digital Technologies in the Treatment of Addiction: The State of the Science**  
Lisa Marsch, Ph.D. – Dartmouth College

**Addiction Research via Mobile Technology**  
Kenzie Preston, Ph.D. – National Institute on Drug Abuse

**Using Mobile Phones for Smoking Cessation**  
Lorien Abrams, Sc.D., M.A. – George Washington University

## Notes:

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Symposia  
Summaries

## Precision Medicine

In January 2015, President Obama announced the creation of the Precision Medicine Initiative® (PMI). The NIH PMI Cohort Program is the largest part of the broader PMI initiative, which seeks to harness genetic, environmental, and lifestyle data to create better disease risk-stratification approaches, discover biomarkers that signal risk for disease, identify the causes of individual variation in treatment response, and utilize mobile health technology to correlate activity, physiological monitoring, and environmental exposure to predict health outcomes. While a cohort of 1 million participants is being sought for the formal PMI Cohort Program, the principles of the PMI Cohort Program may pertain to a wide range of CTN activities. This symposium will introduce the CTN to the PMI Cohort Program and explore opportunities to incorporate principles of precision medicine into future CTN studies.

### Symposium Chair:

Gavin Bart, M.D., Ph.D. – Hennepin Healthcare System, Inc.

### Presentations:

PMI Overview and Opportunities for SUD Interface

Joni Rutter, Ph.D. – Precision Medicine Initiative Cohort Program, National Institutes of Health

Utilizing Principles of Precision Medicine within the Framework of Large Clinical Trials

Neal Benowitz, M.D. – University of California, San Francisco

The use of Individualized Mobile Health and Real-life Biosensor Technology within the CTN

Santosh Kumar, Ph.D. – University of Memphis

### Notes:

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Symposia  
Summaries

# Research and Treatment of HIV-infected Patients with Substance Use Disorders

Substance use disorder (SUD) in HIV-infected patients is associated with poor treatment outcomes and remains a key factor that drives global HIV epidemics. Major strides have been made in hepatitis C virus (HCV) treatment, including in the HIV-coinfected population. The cure rates have markedly improved and are similar to those of monoinfected individuals. Long-acting antiretroviral medications that are currently being developed and long-acting medications approved to treat opioid use disorder present an opportunity to improve treatment adherence and outcomes. International sites with rapidly evolving HIV epidemics in patients with SUD and a potential for rapid scale-up of interventions once proven efficacious offer opportunities for projects with large public health impact beyond what is possible in the United States. Presenters will review the current knowledge base and projects in these priority areas and discuss overcoming important research gaps needed to move the field forward.

## Symposium Chairs:

Susan Tross, Ph.D. – Columbia University  
Petra Jacobs, M.D., M.H.S. – National Institute on Drug Abuse

## Presentations:

**Treatment of HCV in Co-infected Substance Use-involved People Living with HIV**  
Holly Hagan, Ph.D., M.P.H., RN – NYU Rory Meyers College of Nursing

**Increasing Treatment Adherence in HIV-infected Patients with Opioid Use Disorders (OUD): Long-acting Antiretroviral Therapy (ART) and Long-acting Medication-assisted Therapy (MAT) in Community and Correctional Settings**  
Frederick Altice, M.D., M.A. – Yale University

**Access and Quality of Care for HIV Infected Patients with Substance Use Disorders and Other Related Comorbidities**  
Carlos del Rio, M.D. – Emory University

## Discussants:

Lisa Metsch, Ph.D. – Columbia University  
Todd Korthuis, M.D., M.P.H. – Oregon Health & Science University

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