Strategic Planning Workshop 1
HIV/AIDS and Substance Use, Misuse, Addiction: Basic Science
November 9, 2018
Neuroscience Center (NSC), Room 3103
6001 Executive Boulevard
Rockville, MD 20852

Purpose: The National Institute on Drug Abuse (NIDA) AIDS Research Program (ARP) mission is to advance research at the intersection of HIV and substance use, misuse, and addiction with the potential to better prevent, diagnose, treat, and cure HIV and Substance Use Disorders (SUD). The NIDA ARP is committed to ensuring the institute has an innovative scientific strategic plan addressing high priority HIV/AIDS research questions. The goal of this workshop is to gather insights from leaders in HIV and substance use research including identifying high impact research questions, scientific and technological innovations, and new opportunities for scientific collaboration. This information will contribute to the ideas that will be incorporated into a scientific strategic plan to guide HIV/AIDS and substance use research activities over the next 5 years.

Format: The workshop will include four different sessions each focused on NIH HIV/AIDS Research Priorities relevant to NIDA’s scientific portfolio. Each session will begin with an overview provided by two assigned panel members. Following this, all meeting participants will engage in discussions relevant to the session topic. The session will conclude with a 15-minute summary provided by an assigned panel member.

Discussion Framework:
• What key scientific advances have been made in recent years in areas relevant to the session?
• What are the major research gaps?
• How to leverage new technologies and opportunities in SUD research to accelerate advances in HIV research and vice versa?
• What are the three most important topics that are of highest priority and why?
• What are some innovative ideas to engage young investigators into research at the intersection of HIV and substance use, misuse, and addiction?
AGENDA

9:00 AM  Welcome, Introductions, and Opening Remarks
Opening Remarks (15 minutes)
Nora Volkow, Director, National Institute on Drug Abuse

Overview of NIDA-AIDS Research (15 minutes)
Redonna Chandler, Director, AIDS Research Program
Vasundhara Varthakavi, Associate Director, AIDS Research Program

9:30 AM  NIDA HIV/AIDS Basic Science Program Overview
Rita Valentino, Director, Division of Neuroscience and Behavior (15 minutes)
Brandon Harvey, Intramural Research Program (15 minutes)

10:00 AM  Session 1 – Immune Mechanisms, Biomarkers, and Animal models
Session Overview
Joan Berman, Albert Einstein University (10 minutes)
Kurt Hauser, Virginia Commonwealth University (10 minutes)

Moderated Discussion (40 minutes)
Summary and Session Closeout (15 minutes)
Michal Toborek, University of Miami
Linda Chang, University of Maryland

11:15 AM  Break

11:30 AM  Session 2 – Pathogenesis, Microbiome, and Therapies
Session Overview
Nikki Klatt, University of Miami (10 minutes)
Shilpa Buch, University of Nebraska Medical Center (10 minutes)

Moderated Discussion (40 minutes)
Summary and Session Closeout (15 minutes)
David Volsky, Icahn School of Medicine at Mount Sinai

12:45 PM  Lunch (Onsite Box lunch)
**1:45 PM**  
**Session 3: Research Towards HIV Cure**  
**Session Overview**  
Kevin Morris, Beckman Research Institute/City of Hope (10 minutes)  
David Volsky, Mount Sinai Medical School (10 minutes)  

Moderated Discussion (40 minutes)  

**Summary and Session Closeout (15 minutes)**  
Lishomwa Ndhlovu, University of Hawaii at Honolulu  
Avindra Nath, National Institute of Neurological Disorders and Stroke (NINDS)

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**3:00 PM**  
**Break**

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**3:15 PM**  
**Session 4: HIV-Associated Comorbidities, Co-infections, and Complications**  
**Session Overview**  
Avindra Nath, National Institute of Neurological Disorders and Stroke (NINDS) (10 minutes)  
Dana Gabuzda, Harvard Medical School (10 minutes)  

Moderated Discussion (40 minutes)  

**Summary and Session Closeout (15 minutes)**  
Norman Haughey, Johns Hopkins University  
Joan Berman, Albert Einstein University

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**4:30 PM**  
**Group Discussion:**  
- **Collaborations (25 minutes)**  
  *Moderator: Jeymohan Joseph, National Institute of Mental Health*  
- **Training the Next Generation of Scientists (20 minutes)**  
  *Moderator: Shilpa Buch, University of Nebraska Medical Center*

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**5:15 PM**  
**Summary and Closing Remarks** (15 minutes)

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**5:30 PM**  
**Meeting Adjourns**
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NIDA Strategic Planning Workshop 1
HIV/AIDS and Substance Use, Misuse, Addiction: Basic Science
November 9, 2018

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Purpose: The National Institute on Drug Abuse (NIDA) AIDS Research Program (ARP) mission is to advance research at the intersection of HIV and substance use, misuse, and addiction with the potential to better prevent, diagnose, treat, and cure HIV and Substance Use Disorders (SUD). The NIDA ARP is committed to ensuring the institute has an innovative scientific strategic plan addressing high priority HIV/AIDS research questions. The goal of this workshop is to gather insights from leaders in HIV and substance use research including identifying high impact research questions, scientific and technological innovations, and new opportunities for scientific collaboration. This information will contribute to the ideas that will be incorporated into a scientific strategic plan to guide HIV/AIDS and substance use research activities over the next 5 years.

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>9:00 AM</td>
<td><strong>Welcome, Introductions, and Opening Remarks</strong></td>
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<td>Opening Remarks (15 minutes)</td>
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<td>Redonna Chandler, Director, AIDS Research Program</td>
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<td><strong>Overview of NIDA-AIDS Research (15 minutes)</strong></td>
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<td>Redonna Chandler, Director, AIDS Research Program</td>
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<td>Vasundhara Varthakavi, Associate Director, AIDS Research Program</td>
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<td>9:30 AM</td>
<td><strong>NIDA Clinical HIV/AIDS Program Overview</strong></td>
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<td>Carlos Blanco, Director, Division of Epidemiology, Prevention, &amp; Services Research (10 minutes)</td>
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<td>Raul Mandler, Program Officer, Division of Therapeutics &amp; Medical Consequences (10 minutes)</td>
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<td>Petra Jacobs, Addiction Medicine Team Leader, Clinical Trials Network (10 minutes)</td>
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<td>Karran Phillips, Clinical Director, Intramural Research Program (10 minutes)</td>
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<td>10:10 AM</td>
<td><strong>Session 1 – Priority Area: Epidemiology &amp; Natural History</strong></td>
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<td>Session Overview</td>
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<td></td>
<td>Heidi Crane, Washington University (10 minutes)</td>
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<td>Michele Kipke, University of Southern California (15 minutes)</td>
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<td><strong>Moderated Discussion (40 minutes)</strong></td>
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<td><strong>Summary and Session Closeout (15 minutes)</strong></td>
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<td></td>
<td>Steffanie Strathdee, University of California, San Diego</td>
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<td>Carlos Blanco, National Institute on Drug Abuse</td>
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<td>11:30 AM</td>
<td><strong>Break</strong></td>
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<td>11:45 AM</td>
<td><strong>Session 2 – Priority Area: Reducing the Incidence of HIV (Prevention, Retention in Care)</strong></td>
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<td>Session Overview</td>
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<td>Frederick Altice, Yale University (10 minutes)</td>
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<td>Carlos Del Rio, Emory University (10 minutes)</td>
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<td><strong>Moderated Discussion (40 minutes)</strong></td>
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<td>Celia Fisher, Fordham University</td>
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<td>1:00 PM</td>
<td><strong>Lunch (Onsite Box lunch)</strong></td>
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1:45 PM  Session 3 – Priority Area: Next-Generation Therapies (Implementation Science, Integrated Care for HIV and Substance Use and SUD)
Session Overview
Steve Shoptaw, University of California, Los Angeles (10 minutes)
C. Hendricks Brown, Northwestern University (10 minutes)
Moderated Discussion (40 minutes)
Summary and Session Closeout (15 minutes)
Vivian Go, University of North Carolina, Chapel Hill
Lisa Rosen-Metsch, Columbia University

3:00 PM  Break

3:15 PM  Session 4 – Priority Area: Address HIV-Associated Comorbidities, Co-infections, and Complications (Prevent & Treat HIV Associated Infections)
Session Overview
John Brooks, Centers for Disease Control (10 minutes)
Frederick Altice, Yale University (10 minutes)
Moderated Discussion (40 minutes)
Summary and Session Closeout (15 minutes)
Lisa Rosen-Metsch, Columbia University
Raul Mandler, National Institute on Drug Abuse

4:30 PM  Group Discussion:
  • Collaborations (20 minutes)
    Moderator: Bruce Shackman, Cornell University
  • Training the Next Generation of Scientists (25 minutes)
    Moderator: Lisa Rosen-Metsch, Columbia University

5:15 PM  Summary and Closing Remarks (15 minutes)

5:30 PM  Meeting Adjourns
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NIDA ARP STRATEGIC PLANNING WORKSHOP 2
HIV/AIDS AND SUBSTANCE USE, MISUSE, ADDICTION:
CLINICAL, TRANSLATIONAL, AND EPIDEMIOLOGY RESEARCH
NOVEMBER 14, 2018
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