

# Accelerating the Pathway from Ideas to Efficacy: Developing More Effective Interventions for Lifestyle Behaviors related to Chronic Diseases

September 28 - 29, 2016  
6701 Rockledge Drive (Rockledge 2), Room 9112/9116  
Bethesda, MD

**Workshop Chair:** Leonard Epstein, Ph.D., U at Buffalo  
**Facilitator:** Andy Burnett, Knowinnovation, Inc.

## AGENDA

### Sponsors:

National Cancer Institute, National Heart, Lung, and Blood Institute, NIH Office of Disease Prevention, and NIH Office of Behavioral and Social Sciences Research

### Purpose:

To (1) highlight exemplars of early-phase translational behavioral research studies aimed at improving behavioral risk factors for chronic diseases such as cancer, cardiopulmonary diseases, and diabetes, using these examples to showcase successes, challenges, and “lessons learned,” and (2) identify avenues for building early-phase translational research capacity, establishing a viable and sustainable “pipeline” for basic-to-clinical behavioral research, and promoting institutional and structural changes to support early-phase behavioral intervention research.

### Day 1 – September 28: Exemplars of Early-phase Behavioral Translational Research \*

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| 8:30 a.m.  | <b>Welcome and Introductory Remarks</b><br><i>Susan Czajkowski, Ph.D., NCI</i><br><i>Andy Burnett, Knowinnovation</i><br><i>Robert Croyle, Ph.D., NCI</i><br><i>Peter Kaufmann, Ph.D., NHLBI</i>  |
| 9:00 a.m.  | <b>Keynote Talk: Innovations in translating basic behavioral science into interventions across fields</b><br><i>Leonard Epstein, Ph.D., U at Buffalo</i>  |
| 9:30 a.m.  | <b>Discussion</b>   |
| 9:45 a.m.  | <b>Story #1: Translating basic research on temporal discounting, executive functioning &amp; neuroeconomics into interventions for addictive behaviors</b><br><i>Warren Bickel, Ph.D., Virginia Tech; Samuel McClure, Ph.D., Arizona State U;</i><br><i>Gregory Madden, Ph.D., Utah State U</i> |
| 10:30 a.m. | <b>Discussion</b>   |
| 11:00 a.m. | <b>Break</b>  |

- 11:15 a.m.      **Story #2: Translating neuroscience, pharmacology, and behavioral science into improved treatments for smoking cessation**  
*Rebecca Ashare, Ph.D., U of Penn; Caryn Lerman, Ph.D., U of Penn; James Loughead, Ph.D., U of Penn; Heath Schmidt, Ph.D., U of Penn*
- 12:00 p.m.      **Discussion**
- 12:30 p.m.      **LUNCH**
- 2:00 p.m.      **Story #3: Translating basic research on factors that influence the developing controls of food intake in infants and young children into interventions to promote healthy childhood weight gain**  
*Leann Birch, Ph.D., U of Georgia; Ian Paul, M.D., Penn State U; Jennifer Savage Williams, Ph.D., Penn State U.*
- 2:45 p.m.      **Discussion**
- 3:15 p.m.      **Incentives and behavior change: Bi-directional translational science**  
*Stephen Higgins, Ph.D., U of Vermont*
- 3:45 p.m.      **Discussion**
- 4:00 p.m.      **Break**
- 4:15 p.m.      **World Café: Identifying Strategies to Foster Sustainable Early-phase Behavioral Translation Research**
- **Group #1: Missed Opportunities: How do we identify basic behavioral science research that is ripe for translation?**  
*Conveners: Larry Hawk, Ph.D., U at Buffalo & Luke Stoeckel, Ph.D., NIDDK*
  - **Group #2: Can we increase support for early-phase behavioral translation by promoting interdisciplinary graduate & post-graduate training models?**  
*Conveners: Karina Davidson, Ph.D., Columbia U & Josephine Boyington, Ph.D., NHLBI*
  - **Group #3: How can we break down disciplinary silos in academia to enhance basic-clinical integration?**  
*Conveners: Sandra Brown, Ph.D., UCSD & Kara Hall, Ph.D., NCI*
  - **Group #4: What role can non-academic institutions play in fostering early-phase behavioral translation research?**  
*Conveners: Ken Freedland, Ph.D., Wash U & Catherine Stoney, Ph.D., NHLBI*
  - **Group #5: The problem of “market failure:” If our interventions work, why aren’t they in demand?**  
*Conveners: Roger Kathol, MD, Cartesian Solutions & David Chambers, Ph.D., NCI*
- 5:15 p.m.      **Discussion/Reporting out**

5:45 p.m. **Adjourn for the day**

7:00 p.m. **Optional Dinner (Location TBD)**

*\*Day 1—open attendance and webcasting*

**Day 2 -- September 29: Think-tank on Facilitating Early-Phase Translational Behavioral Research \*\***

8:30 a.m. **Opening remarks, Day 1 summary, Charge to the group**

*Andy Burnett, Knowinnovation*

*Susan Czajkowski, Ph.D., NCI*

8:45 a.m. **“Plus 10 talks” & Discussion**

*Len Epstein, Ph.D., U at Buffalo*

*Lynda Powell, Ph.D., Rush University Medical Center*

*William Riley, Ph.D., Director, OBSSR*

9:45 a.m. **Group discussions -- identify challenges & potential action steps to achieve:**

- (1) Greater capacity & motivation for behavioral scientists to pursue early-phase translational (basic-clinical) behavioral science research
- (2) Supportive institutional structures, processes & mechanisms to enable viable & sustainable early-phase translational behavioral science research programs

12:00 p.m. **Lunch**

1:00 p.m. **Discussions continue – identify ideas, specific activities & metrics to test the ideas**

3:00 p.m. **Reporting out & feedback on ideas, collaborative activities, metrics**

3:30 p.m. **Moving Early-phase Translational Behavioral Research Forward: Next Steps**

*Leonard Epstein, Ph.D., U at Buffalo*

*Andy Burnett, Knowinnovation*

*Susan Czajkowski, Ph.D., NCI*

4:00 p.m. **Adjournment**

***\*\* Day 2—limited attendance (speakers and invited participants, NIH organizers, and other NIH staff)***