

2015

# 2015 Annual Report

Center for Applied Research on Substance Use and Health Disparities

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# Center for Applied Research on Substance Use and Health Disparities

## 2015 Annual Report



**Center for Applied Research on  
Substance Use and Health Disparities**



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# Director's Message

The Center for Applied Research on Substance Use and Health Disparities (ARSH) celebrated many accomplishments in 2015. ARSH continues to be a leader in sponsored research at Nova Southeastern University. Our international research on prescription drug diversion; our local, national and international drug epidemiology studies; and our ongoing South Florida-based research among vulnerable populations yielded more than 20 publications this year, as well as numerous scientific presentations at local, national, and international conferences. We look forward to the fruition of a number of new initiatives in 2016, including the potential expansion of our prescription drug diversion studies to all of Canada.

The year also marked a number of new research collaborations, including projects and proposals with researchers from institutions across the U.S. and internationally. These include ongoing and expanded initiatives in China and Israel, as well as new efforts to address substance abuse and HIV prevention among adolescents and young adults.

We are especially proud of the successes of our early investigators in 2015. Associate Director Mance Buttram was awarded the NSU President's Research and Faculty Development Award to study patterns of misuse and diversion of medications prescribed for pre-exposure prophylaxis to prevent HIV infection. Maria Levi-Minzi was named Evaluator for a SAMHSA grant that aims to assist young men who have sex with men in linking to HIV testing and treatment resources. Congratulations!

We are pleased to announce the formalization of our ongoing collaborations with newly designated Affiliate Faculty in the College of Arts, Humanities and Social Sciences. Dr. Hilary Surratt, former Co-Director of ARSH, has relocated and is now with the Center for Health Services Research in the College of Medicine at the University of Kentucky. Dr. Maria Pagano, Associate Professor at Case Western Reserve University, serves as Co-investigator and biostatistician on several ARSH projects.

The work we do requires a team effort. We wish to thank all of our research staff, external collaborators, and the NSU community for your vision, commitments and talents. We share ARSH's successful year with all of you.



Steven P. Kurtz  
Director

# Mission Statement

The principal mission of the Center for Applied Research on Substance Use and Health Disparities (ARSH) is the production, dissemination, and utilization of scientific knowledge in the areas of substance abuse, health risk behaviors, and health disparities among vulnerable populations. Areas of special interest include:

- The etiology, patterns and consequences, and prevention and treatment of drug and alcohol abuse;
- The epidemiology of HIV/AIDS and other sexually transmitted infections, and the prevention of such infections among highly vulnerable populations;
- The prevalence and patterns of health disparities among affected subpopulations, and the development and testing of new approaches to intervention.

ARSH is located within the Department of Justice and Human Services in the College of Arts, Humanities and Social Sciences. The Center is headed by Dr. Steven P. Kurtz (Ph.D. in Sociology from Florida International University). In addition to the Miami research office, ARSH maintains a field office that houses the day-to-day operations of extramurally funded grants.

# Center Staff

## Directors

- Steven P. Kurtz, Director
- Mance E. Buttram, Associate Director

## Faculty Affiliates

- Maria E. Pagano
- Hilary L. Surratt

## Senior Staff

- Maria A. Levi-Minzi, Senior Research Associate
- Gustavo Aguilera, Project Manager
- Yamilka Stivers, Project Manager
- James Hall, Epidemiologist

## Research Staff

- Michael Fein
- Gloria Martinez
- Shenika Moraldo
- Catherine O'Grady
- Grettel Romero

# Grant and Contract Awards

## **National Institutes of Health**

*“A Self-Assessment Intervention for Young Adult Polydrug Users at Risk for HIV”*

- \$430,602

## **Denver Health and Hospital Authority**

*“Drug Diversion Project”*

- \$960,243

*“Drug Diversion Project Ontario”*

- \$101,577

## **Broward House/Substance Abuse and Mental Health Services Administration**

*“Evaluation of SAMHSA Targeted Capacity Expansion Program: Substance Abuse Treatment for Minorities at High-Risk for HIV”*

- \$15,000

## **President’s Faculty Research and Development Grant**

*“Informal Markets for Antiretroviral Medications Used for HIV Prevention”*

- \$12,945

# Publications

- Buttram, Mance E. and Steven P. Kurtz. (2015). **“Characteristics Associated with Group Sex Participation Among Men and Women in the Club Drug Scene.”** *Sexual Health*. 12(6):560-562.
- Buttram, Mance E. and Steven P. Kurtz. (2015). **“A Qualitative Study of African American/Black MSM’s Experiences of Participating in a Substance Use and Sexual Risk Reduction Intervention.”** *American Journal of Men’s Health*. [online ahead of print] DOI: 10.1177/1557988315584157.
- Buttram, Mance E. and Steven P. Kurtz. (2015). **“A Mixed Methods Study of Health and Social Disparities among Substance-Using African American/Black Men Who Have Sex With Men.”** *Journal of Racial and Ethnic Health Disparities*. 2(1):1-10.
- Buttram, Mance E. (2015). **“The Social Environmental Elements of Resilience among Vulnerable African American/Black Men Who Have Sex with Men.”** *Journal of Human Behavior in the Social Environment*. 25(8):923-933.
- Dart, Richard C., Hilary L. Surratt, Marie-Claire Le Lait, Yamilka Stivers, Vikhyat S. Bebarta, Clark C. Freifeld, John S. Brownstein, John J. Burke, Steven P. Kurtz and Nabarun Dasgupta. In press. **“Diversion and Illicit Sale of Extended Release Tapentadol in the United States,”** *Pain Medicine*.
- Dart, Richard C., Hilary L. Surratt, Theodore J. Cicero, Mark W. Parrino, Geoff S. Severtson, Becki Bucher-Bartelson, and Jody L. Green. (2015). **“Trends in Opioid Analgesic Abuse and Mortality in the United States.”** *New England Journal of Medicine*, 372:241-8.



# Publications (continued)

- Hall, James N. (2015). “**Southeastern Florida Sentinel Community Site Profile.**” *National Drug Early Warning System.* National Institute on Drug Abuse, Rockville, Maryland, May 2015.
- Hall, James N. (2015). “**Drug Abuse Trends in Broward County, Florida Annual Report.**” United Way of Broward County Commission on Substance Abuse, Ft. Lauderdale, Florida, June 2015.
- Hall, James N. (2015). “**Drug Abuse Trends in Miami-Dade County, Florida.**” The Miami Coalition for a Safe and Drug-Free Community, Miami, Florida, June 2015.
- Hall, James N. (2015). “**Drug Abuse trends in Palm Beach County, Florida.**” The Palm Beach County Substance Awareness Coalition, West Palm Beach, Florida, July 2015.
- Hall, James N. (2015). “**Florida Community Health and Wellness Substance Use Trends Data Report.**” Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida, October 2015.
- Hall, James N. (2015). “**National Heroin Epidemic Hits Florida Hard and Fast.**” *Substance Abuse Trends Alert,* Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida, October 2015.

# Publications (continued)

- Hall, James N. (2015). “**Methamphetamine Indicators Diverse Across Florida.**” *Substance Abuse Trends Alert*, Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida, November, 2015.
- Kurtz, Steven P. and Mance E. Buttram. (2015). “**Misunderstanding of Pre-Exposure Prophylaxis Use Among MSM: Public Health and Policy Implications.**” *LGBT Health*. [online ahead of print] DOI: 10.1089/lgbt.2015.0069.
- Surratt, Hilary L., Steven P. Kurtz, Maria A. Levi-Minzi and Minxing Chen. (2015). “**Environmental influences on HIV medication adherence: The role of neighborhood disorder.**” *American Journal of Public Health*, 105(8), 1660-1666
- Surratt, Hilary L., Catherine L. O’Grady, Maria A. Levi-Minzi and Steven P. Kurtz. (2015). “**Medication adherence challenges among HIV positive substance abusers: The role of food and housing insecurity.**” *AIDS Care*, 27(3), 307-314.
- Surratt, Hilary L., Steven P. Kurtz, Maria A. Levi-Minzi, Theodore J. Cicero, Kiyomi Tsuyuki and Catherine L. O’Grady. (2015). “**Pain treatment and antiretroviral medication adherence among vulnerable HIV-positive patients.**” *AIDS Patient Care and STDs*, 29(4), 186-192.

# Publications (continued)

- Tsuyuki, Kiyomi, Hilary L. Surratt, Maria A. Levi-Minzi, Catherine L. O’Grady and Steven P. Kurtz. (2015). **“The demand for antiretroviral drugs in the illicit marketplace: Implications for HIV disease management among vulnerable populations.”** *AIDS and Behavior*, 19(5), 857-868.
- Tsuyuki, Kiyomi, and Hilary L. Surratt. (2015). **“Antiretroviral Drug Diversion Links Social Vulnerability to Poor Medication Adherence in Substance Abusing Populations,”** *AIDS & Behavior*, 19(5): 869-881.

# Presentations

- Buttram, Mance E. and Steven P. Kurtz. (2015). “Representations of Resilience: Project ROOM Study Outcomes and a Qualitative Study among African American/Black Men.” Center for HIV Educational Studies & Training, Hunter College. New York City, New York. August 13.
- Buttram, Mance E. and Steven P. Kurtz. (2015). “The Project ROOM Study: Interventions, Outcomes, and Resilience.” The Miami Collaborative: An MSM Workgroup, Florida Department of Health. Miami, Florida. March 18.
- Buttram, Mance E. and Steven P. Kurtz. (2015). “Frequent Group Sex Participation and HIV Risk among Young Adult Multidrug Users.” AIDS Impact, Amsterdam, July 29 – August 1.
- Buttram, Mance E. and Steven P. Kurtz. (2015). “The Social Environmental Context of Resilience Among African American/Black Men.” Association for the Social Sciences and Humanities in HIV Conference. Stellenbosch, South Africa, July 6-9.
- Buttram, Mance E. and Steven P. Kurtz. (2015). “Trends in Prescription Opioid Misuse among Young Adult Multidrug Users in Miami, 2006-2014.” The College on Problems of Drug Dependence Seventy-seventh Annual Meeting, Phoenix, AZ, June 13-18.

# Presentations (continued)

- Buttram, Mance E., Maayan Lawental and Steven P. Kurtz. (2015). “A Social Ecological Examination of Substance Use and Sexual Risk Behaviors among Women Participants in Israeli Club Drug Culture.” International Conference on Global Health: Prevention and Treatment of Substance Use Disorders and HIV, Hangzhou, China, April 22 - 24, 2015.
- Buttram, Mance E. and Steven P. Kurtz. (2015). “Law, Policy, and Substance Use in Miami's Dance Club Culture.” Society for Applied Anthropology, Pittsburgh, PA, March 23-26.
- Delos Reyes, Christina, K. M. Svala, Steven P. Kurtz and Maria E. Pagano. (2015). “Smoking Cessation During Treatment Among Youth with and without ADHD.” Research Society on Alcoholism 38th Annual Scientific Meeting, San Antonio, June 20-24.
- Hall, James N. (2015). “Florida Frontline: Prescription Drug Abuse and Emerging Synthetic Drugs.” Webinar, Florida Alcohol and Drug Abuse Association, Tallahassee, Florida, March 18, 2015.
- Hall, James N. (2015). “Kratom Surveillance Epidemiology.” Criminal Justice Subcommittee, Florida House of Representatives, Tallahassee, Florida, March 24, 2015.
- Hall, James N. (2015). “Florida Prescription Drug Abuse Update.” Southeastern US Regional Meeting, National Association of Drug Diversion Investigators, St. Petersburg, Florida, May 8, 2015.

# Presentations (continued)

- Hall, James N. (2015). “Epidemiology of Methamphetamine.” No More Meth Town Hall Meeting, Wilton Manors, Florida, January 28, 2015.
- Hall, James N. (2015). “Substance Abuse Issues for Miami-Dade Youth.” Coconut Grove Drug-Free Community Coalition, Miami, Florida, February 24, 2015.
- Hall, James N. (2015). “Substance Abuse among Incarcerated Persons.” South Florida Hospital and Healthcare Association, Miami, Florida, February 19, 2015.
- Hall, James N. (2015). “Emerging Drug Issues in Miami-Dade County.” Hialeah Community Coalition, Hialeah, Florida, February 23, 2015.
- Hall, James N. (2015). “Miami-Dade Substance Abuse Epidemiology Update.” Florida Department of Health – Miami Dade County Leadership Meeting, Miami, Florida, March 25, 2015.
- Hall, James N. (2015). “Update on Substance Abuse and Infectious Diseases in Miami-Dade County.” Miami-Dade County Ryan White Service Providers Forum. Miami, Florida April 28, 2015.

# Presentations (continued)

- Hall, James N. (2015). “Emerging Synthetic Drugs and Prescription Drug Abuse in Florida.” Webinar, Informed Families of Florida, Miami, Florida, June 9, 2015.
- Hall, James N. (2015). “Florida Drug Trends Update.” Florida Prevention Summit, Florida Alcohol and Drug Abuse Association, Orlando, Florida, August 4, 2015.
- Hall, James N. (2015). “Novel Psychoactive Substances and Other Emerging Issues in Drug Abuse.” Annual Meeting National Association of State Controlled Substance Administrators, Scottsdale, Arizona, October 22, 2015.
- Hall, James N. (2015). “Florida Drug Trends Across Department of Children and Families Managing Entity Regions.” Webinar, Florida Alcohol and Drug Abuse Association, Tallahassee, Florida, November 10, 2015.
- Hall, James N. (2015). “Novel Psychoactive Substances: Emerging Issues in Substance Abuse.” Connecting the Continuum Conference, The Center for Prevention and Counseling, Sussex County, New Jersey, November 13, 2015.
- Hall, James N. (2015). “Novel Psychoactive Substances and Other Emerging Issues in Drug Abuse.” Annual Conference National Association of Drug Diversion Investigators, Orlando, Florida, November 19, 2015.

# Presentations (continued)

- Hall, James N. (2015). “Novel Psychoactive Substances – More than just Flakka.” South Florida Mental Health Association, Nova Southeastern University, Davie, Florida, September 18, 2015.
- Hall, James N. (2015). “The Opiate Epidemic in Miami-Dade County.” Town Hall Meeting, Village of Key Biscayne, Florida, November 16, 2015.
- Hall, James N. (2015). “Flakka and Other Emerging Synthetic Drugs in Broward County.” Office of the Broward County Public Defender, Ft. Lauderdale, Florida, May 4, 2015.
- Hall, James N. (2015). “Epidemiology for Prevention – Key Note Speaker.” The Behavioral Health Conference, Ft. Lauderdale, Florida, June 16, 2015.
- Hall, James N. (2015). “Synthetic drugs – Focus on Flakka.” The Palm Beach County Substance Awareness Coalition, West Palm Beach, FL, July 30, 2015.
- Hall, James N. (2015). “Testimony – Synthetic Drug Investigation.” Broward County Grand Jury, Ft. Lauderdale, Florida, September 2, 2015 and December 3, 2015.



# Presentations (continued)

- Khan, Shivani R., Catherine W. Striley, Jan Copeland, Steven P. Kurtz and Linda B. Cottler. (2015). “Risk of Sexual Abuse among Ecstasy Users Differs by Gender and Other Drug Use.” The College on Problems of Drug Dependence Seventy-seventh Annual Meeting, Phoenix, AZ, June 13-18.
- Kurtz, Steven P., Hilary L. Surratt and Mance E. Buttram. (2015). “ARV Diversion among HIV-positive MSM: Individual and Market Characteristics.” AIDS Impact, Amsterdam, July 29 – August 1.
- Kurtz, Steven P., Hilary L. Surratt and Mance E. Buttram. (2015). “Co-occurring Psychosocial Health Disparities and ARV Medication Adherence among Indigent HIV-positive Patients who Use Drugs.” AIDS Impact, Amsterdam, July 29 – August 1.
- Kurtz, Steven P., Mance E. Buttram and Hilary L. Surratt. (2015). “ARV Street Markets and Informal PrEP Use by MSM in South Florida: The Context of Limited Access.” Association for the Social Sciences and Humanities in HIV Conference. Stellenbosch, South Africa, July 6-9.
- Kurtz, Steven P. and Mance E. Buttram. (2015). “Non-prescribed FTC/TDF use for PrEP among MSM: ‘The Morning After Pill.’” Association for the Social Sciences and Humanities in HIV Conference. Stellenbosch, South Africa, July 6-9.
- Kurtz, Steven P. (2015). “RADARS® System Drug Diversion Program: ‘Write-In Drugs.’” RADARS® System Ninth Annual Scientific Meeting, Washington, DC, May 6.

# Presentations (continued)

- Kurtz, Steven P., Robert Garofalo, Weijan Chen, Judith A. Levy, Shijun Mao, Charles Wood, Tiejun Zhang. (2015). “A Social Ecological Examination of HIV Transmission Risk among MSM in a Chinese Trading City.” International Conference on Global Health: Prevention and Treatment of Substance Use Disorders and HIV, Hangzhou, China, April 22 - 24, 2015.
- Kurtz, Steven P. and Mance E. Buttram. (2015). “Serious Mental Illness among Young Adult Women in Miami’s Club Scene: Co-occurring Victimization and Trauma History, Substance Dependence and Sexual risk Behaviors.” 6th World Congress on Women’s Mental Health, Tokyo, Japan, March 22-25.
- Lawental, Maayan, Mance E. Buttram and Steven P. Kurtz. (2015). “A Qualitative Examination of Substance Use and Sexual Risk Behaviors among Participants in Israeli Club Culture.” The College on Problems of Drug Dependence Seventy-seventh Annual Meeting, Phoenix, AZ, June 13-18.
- Levi-Minzi, Maria A., Catherine L. O’Grady, Hilary L. Surratt and Steven P. Kurtz. (2015). “Examining the relationship between social context and prescription opioid initiation routes among young adults entering detoxification.” The College on Problems of Drug Dependence Seventy-seventh Annual Meeting, Phoenix, Arizona, June 13-18.

# Presentations (continued)

- Levi-Minzi, Maria A., Kiyomi Tsuyuki and Hilary L. Surratt. (2015). “Risk and Protective Factors Associated with ARV Adherence among Aging, Indigent, Substance Abusing People Living with HIV.” HIV/AIDS Workgroup at the College on Problems of Drug Dependence Seventy-seventh Annual Meeting, Phoenix, Arizona, June 13-18.
- Levi-Minzi, Maria A., Hilary L. Surratt and Steven P. Kurtz. (2015). “The Use of Qualitative Research in Large Quantitative Studies: Capturing the Subtleties.” *TQR* Sixth Annual Conference, Fort Lauderdale, FL, January 8-10.
- Severtson Geoff S., Becky Bucher-Bartelson , Jody L. Green, Theodore J. Cicero, Matthew Ellis, Steven P. Kurtz, Andrew Rosenblum and Rick C. Dart. (2015). “Abuse and Diversion of Buprenorphine/naloxone Film Relative to Other Buprenorphine Formulations.” Association for Medical Education and Research in Substance Abuse 39th Annual National Conference, Washington, DC, November 5-7.

# Media

- Emily Underwood, “A New Drug War – Designer Drugs.” *Science Magazine*, January 30, 2015.
- Chris Joseph, “Heroin on the Rise in Broward County.” *New Times*, February 18, 2015.
- Jessica Mendoza, “Wesleyan University Case: Five Things you Should Know About ‘Molly’.” *The Christian Science Monitor*, February 24, 2015.
- Jake New, “Dangers and Allure of Molly.” *Inside Higher Education*, February 24, 2015.
- “Wesleyan Students Arrested Following MDMA Hospitalizations.” *Newsweek*, February 25, 2015.
- “Results of the 2014 Florida Youth Substance Abuse Survey.” *Broward Days*, March 3, 2015.
- Jessica Firger, “Flakka.” *CBS News*, April 2, 2015.
- “Meet Flakka, The Dangerous New Drug Sweeping Florida.” *Time Magazine Online*, April 2, 2015.

# Media (continued)

- Tonya Alanez, “Flakka: “Rampant Designer Drug Dubbed \$5 Insanity.” *Sun-Sentinel*, April 3, 2015.
- “Flakka, la Droga Sintética que Causa Delirio Extremo Natalia Guerrero.” BBC Mundo, *British Broadcasting Corporation – BBC Spanish Language Broadcast*, April 9, 2015.
- “Live News Interview – Flakka.” *MSNBC*, April 16, 2015.
- “\$5.00 Insanity: 5 Crazy Facts About Flakka.” *Live Science*, April 16, 2015.
- “Street Drug Flakka Causes Major Hallucinations and Soaring Temperatures.” *Diabetes Insider*, April 16, 2015.
- Rob Waugh, “Drug Which Made Man have Sex With a Tree is Legally on Sale in UK.” *Metro*, April 17, 2015.
- Melanie Schmitz, “Is Flakka Bad for you? The New Synthetic Drug can Produce Some Seriously Scary Reactions.” *Bustle*, April 21, 2015.
- “Aumenta el Uso de Spice, la Peligrosa Droga Sintética que Amenaza a los Jóvenes de EEUU.” *Univision TV*, April 24, 2015.

# Media (continued)

- “Scary New Designer Drug Flakka hits Chicago.” *CBS News*, April 24, 2015.
- Alison Knopf, “Experts on Heroin Overdoses: Decrease Initiation, Increase Treatment.” *Alcoholism and Drug Abuse Weekly*, May 4, 2015.
- “Jim Hall Discusses the Rise of Synthetic Drug Flakka.” *The Hard Line NewsMax Television*, May 5, 2015.
- David Goodhue, “South Florida Feeling Flakka’s Scourge. Dangerous Synthetic Drug hasn’t Taken Hold in Keys Yet.” *Florida Keys Keynotes*, May 8, 2015.
- Chris Joseph, “BSO Sheriff Scott Israel Calls “\$5 Insanity Drug” at Urban League Forum.” *Broward/Palm Beach New Times*, May 13, 2015.
- Frances Robles, “Police in Florida Grapple with a Cheap and Dangerous New Drug.” *The New York Times*, May 24, 2015.
- “Flakka.” Cable News Network *CNN*, May 26, 2015.
- Barry Alyssa Johnson, “Deadly New Street Drug ‘Flakka’ Spreading Through U.S., Poised to Become Epidemic?” *Latinos Post*, May 27, 2015.

# Media (continued)

- Ray Downs, “Not Much is Known about Delray Beach’s Heroin Problem.” *Broward/Palm Beach New Times*, June 3, 2015.
- David Adams, “Cheap Synthetic ‘Flakka’ Dethroning Cocaine on Florida Drug Scene.” *Reuters*, June 10, 2015.
- Anne Geggis, “Flakka’s Rush: Stimulating Brain Chemicals into Fatal Shutdown.” *Sun Sentinel*, June 11, 2015.
- Jose Diaz Balart, “New Deadly Drug Gains Popularity in US.” *MSNBC*, June 12, 2015.
- “Marijuana Civil Citation Ordinance.” *This Week in South Florida with Michael Putney WPLG Channel 10*, June 14, 2015.
- Dan Levine, “In China, Illegal Drugs are Sold Online in an Unbridled Market.” *The New York Times*, June 21, 2015.
- Peter Holley , “Deadly Chinese Drugs are Flooding the U.S.” *The Washington Post*, June 22, 2015.
- “Flakka and Marijuana in South Florida.” *Carcol Worldwide Spanish Language W-Radio Live*, June 24, 2015.

# Media (continued)

- Matthew Speiser, “China is Flooding the US with Insane Drug “Flakka”- and its Shockingly Easy to Obtain.” *Business Insider*, July 1, 2015.
- Anne Giggis, “Flakka’s Destruction Unites a Far Reaching Alliance.” *Sun Sentinel*, July 3, 2015.
- Kristina Goetz , “Powerful Street Drug Flakka Shakes Kentucky County.” *USA Today*, July 10, 2015.
- Roger Peabody, “Black Market for *Truvada* PrEP May Undermine Treatment Adherence in Marginalised People Living with HIV.” *NAM AIDSMap*, July 13, 2015.
- J. Smith, “Flakka-laced Candy Threatens Southern Florida’s Children.” *Liberty Voice*, July 16, 2015.
- Hannah Winston , “Flakka Now Entrenched in Local Drug Scene.” *Palm Beach Post*, July 30, 2015.
- Spenser Hickey , “New Narcotic Spreading Across Ohio.” *Lancaster Eagle-Gazette*, July 30, 2015.
- Tonya Alanez, “Broward County Leads the Nation in Flakka Cases.” *Sun Sentinel*, August 10, 2015.
- “Broward Grand Jury to Address Flakka, Synthetic Drugs.” *CBS Miami*, August 20, 2015.



# Media (continued)

- Janna Ross, “More Kids Using Vaporizing Devices to Get High.” *WSVN Channel 7 News*, September 14, 2015.
- “The China Pipeline: The Deadly Toll of Synthetic Drugs in South Florida.” *The Miami Herald*, September 26, 2015.
- Lynn Martinez, “Up in Smoke: A Warning to Parents as More Kids Use Vaporizing Devices to Get High.” *7News, WSVN.com*, September 14, 2015.
- Dan Sullivan , “Heroin Deaths rise in Tampa Bay, but Surge in Hillsborough.” *Tampa Times*, September 27, 2015.
- Dan Sullivan, “State Report Shows Florida Heroin Deaths Reached All-time High in 2014.” *Tampa Bay Times*, September 30, 2015.
- Deepannita Das “Australia is Hit by Fatal Drug Flakka.” *International Business Times*, October 1, 2015.
- Flakka and Synthetic Drugs.” *County Line*, BECON Television, October 2, 2015.

# Media (continued)

- Sophia Yan, “Flakka and Synthetic Drugs in China.” Cable News Network, CNN Hong Kong, October 7, 2015.
- “Heroin Epidemia.” *UniVision News*, November 5, 2015
- Jack Phillips , “Flakka: New Scary Street Drug Emerging in NYC; What is it Made of?” *Epoch Times*, November 5, 2015.
- Amy Feinstein , “What is Flakka, and Why you Should be Scared.” *Inquisitr*, November 6, 2016.
- Tonya Alanez , “China Bans Flakka.” *Sun Sentinel*, November 20, 2015.
- Jay Weaver, “China Bans Sale of Flakka, Other Synthetic Drugs.” *The Miami Herald*, November 21, 2015.
- Tonya Alanez , “South Florida Gets Boost in Battle Against Flakka.” *Sun Sentinel*, November 25, 2015.
- “Devils Drug Flakka Driving Florida Insane.” *NBC Nightly News with Lester Holt*, December 19, 2015.

# University Service

- Levi-Minzi, Maria A., Kiyomi Tsuyuki, and Hilary L. Surratt. (2015). Paper presented: “Risk and Protective Factors Associated with ARV Adherence among Aging, Indigent, Substance Abusing People Living with HIV.” Department of Marriage and Family Therapy, Nova Southeastern University. Fort Lauderdale, Florida. June 23.
- Levi-Minzi, Maria A., Kiyomi Tsuyuki, and Hilary L Surratt. (2015). Poster presented: “Risk and Protective Factors Associated with ARV Adherence among Aging, Indigent, Substance Abusing People Living with HIV.” The Nova Southeastern University GREAT GEC’s 2015 Interprofessional Geriatrics Training Institute, Fort Lauderdale, FL, April 30-May 1.
- Nova Southeastern University Research Task Force. Monthly meetings in 2015.
- Nova Southeastern University Academic Integrity Committee
- Scientific Advisory Board. Institute for Behavioral Health and Wellness. Nova Southeastern University.

# Community Service

- Hall, James N. (2015). Co-Chair, Surveillance Support Committee, United Way of Broward County Commission on Substance Abuse. Ft. Lauderdale, Florida, January – December 2015.
- Hall, James N. (2015). Co-Chair, Flakka Community Action Team, United Way of Broward County Commission on Substance Abuse. Ft. Lauderdale, Florida, March – December 2015.
- Hall, James N. (2015). Epidemiology Consultant. United Way of Broward County Commission on Substance Abuse and The Miami Coalition for a Safe and Drug-Free Community.

# Professional Service

- Appointed Member, Behavioral and Social Science Approaches to Preventing HIV/AIDS Study Section (BSPH), National Institutes of Health.
- NIDA-ANRS Drug Abuse and HIV Research Fellowship Program. The U.S. National Institute on Drug Abuse (NIDA) and the France Recherche Nord & Sud Sida-HIV Hépatites (ANRS) support 12-month postdoctoral appointments for talented scientists from any nation except the United States.
- Review Board, International AIDS Society and National Institute on Drug Abuse Joint Fellowship Programme encouraging HIV and drug use research.
- Grant Review Panels, National Institutes of Health.
- Reviewers: *Addiction; AIDS; AIDS & Behavior; AIDS Care; AIDS Education and Prevention; American Journal of Drug & Alcohol Abuse; American Journal of Public Health; American Journal of Men's Health; Culture, Health & Sexuality; Drug and Alcohol Dependence; Evaluation and Program Planning; Health Promotion Practice; Journal of Acquired Immune Deficiency Syndrome; Journal of Adolescent Health; Journal of Clinical Pharmacology; Journal of Criminal Justice; Journal of Drug Issues; Journal of Health Care for the Poor and Underserved; Journal of Opioid Management; Journal of Urban Health; Psychology, Health and Medicine ; Medical Science Monitor; Psychological Bulletin; Sexuality and Culture; Sexually Transmitted Infections; Social Science and Medicine; The Qualitative Report; Violence Against Women; Worth Publishers.*

# Professional Service (continued)

- Technical Expert Panel: Substance Abuse and Mental Health Services Administration Community Early Warning and Monitoring System.
- Community Expert Panel: Agency for Healthcare Research and Quality, Substance Abuse and Mental Health Services Administration, Stanford University.
- South Florida Sentinel Site Epidemiologist. National Drug Early Warning System. National Institute on Drug Abuse.
- College on Problems of Drug Dependence Credentials Committee.
- College on Problems of Drug Dependence Under-Represented Populations Committee.
- Gay and Lesbian Medical Association Conference Peer-Review Committee.
- Florida Representative, Community Epidemiology Work Group (CEWG). National Institute on Drug Abuse.
- Community Early Warning and Monitoring System (C-EMS) Technical Expert Panel. Substance Abuse and Mental Health Services Administration.
- Florida Behavioral Health Epidemiology Work Group. Florida Department of Children and Families.

# Professional Service (continued)

- International Women's (InWomen's) and Children's Health and Gender Group.
- National Institute on Drug Abuse (NIDA): Scientific Advisory Group, and South Florida Sentinel Site Epidemiologist, National Drug Early Warning System.
- US Food and Drug Administration (FDA): Drug Safety and Risk Management Advisory Committee.
- Community Advisory Board. Clinical and Translational Science Institute. University of Florida.
- Scientific Advisory Board, Researched Abuse, Diversion and Addiction-Related Surveillance (RADARS®) System, Denver Health and Hospital Authority.