

2016

2016 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**

2016 Annual Report



NSU NOVA SOUTHEASTERN
UNIVERSITY

**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 2016. 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 take particular pride in the accomplishments of Senior Epidemiologist Jim Hall this past year. His deep understanding of how to follow new drug trends and raise appropriate warnings to local, national and international communities is invaluable to public health. As can be seen from our media pages in this report, Jim's expertise is always in demand, and he continues to be a strong representative for ARSH and for the University.

We look forward to the fruition of a number of new initiatives in 2017, including the ongoing expansion of our prescription drug diversion studies to all of Canada, as well as a new study of drugged driving behaviors among young adults. ARSH investigators received new support for program evaluation studies on federally-funded projects, and have a number of new projects on the drawing board. These include epidemiologic studies of emerging prescription drugs of abuse, such as gabapentin, as well as ethnographic studies of emerging trends in drug abuse and infectious disease prevention.

Our collaborations with scientists across the country and the globe continue to expand. Publications in development include contributions from scientists at University of Kentucky, University of South Florida, Case Western Reserve University, Dalhousie University (Canada), and Federal University of Rio Grande do Sul (Brazil).

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 an office on the NSU main campus in Fort Lauderdale, ARSH maintains its primary administrative office in Miami.

CENTER STAFF

Directors

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

Faculty Affiliates

- Maria E. Pagano, Case Western Reserve University
- Hilary L. Surratt, University of Kentucky

Senior Staff

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

Research Staff

- Michael Fein
- Shenika Moraldo
- Grettel Romero
- Genevieve Martin
- Patty Valdez

GRANT AND CONTRACT AWARDS

National Institutes of Health

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

- \$274,266

Denver Health and Hospital Authority

“United States Prescription Drug Diversion Study”

- \$960,133

“Canadian Prescription Drug Diversion Study”

- \$171,702

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”

- \$20,000

PUBLICATIONS

Peer Reviewed Publications

Buttram, Mance E. and Steven P. Kurtz. 2016. “Alternate Routes of Administration among Prescription Opioid Misusers and Associations with Sexual HIV Transmission Risk Behaviors.” *Journal of Psychoactive Drugs*. [online ahead of print] DOI: 10.1080/02791072.2016.1187319.

Buttram, Mance E. and Steven P. Kurtz. 2016. “Preliminary Evidence of HIV Seroconversion among HIV-negative Men Who Have Sex With Men Taking Non-prescribed Antiretroviral Medication for HIV Prevention in Miami, Florida, USA.” *Sexual Health*. [online ahead of print]. DOI:10.1071/SH16108.

Iwanicki, Janetta, Geoff Severtson, Heather Mcdaniel, Andrew Rosenblum, Chunki Fong, Theodore Cicero, Matthew Ellis, Steven P. Kurtz, Mance E. Buttram and Richard C. Dart. In press. “Abuse and Diversion of Immediate Release Opioid Analgesics as Compared to Extended Release Formulations in the United States.” *Plos One*.

Kurtz, Steven P. and Mance E. Buttram. 2016. “Misunderstanding of Pre-Exposure Prophylaxis Use among MSM: Public Health and Policy Implications.” [online ahead of print] *LGBT Health*. DOI: 10.1089/lgbt.2015.0069

PUBLICATIONS

Peer Reviewed Publications

Kurtz, Steven P., Mance E. Buttram and Hilary L. Surratt. 2017. **“Benzodiazepine dependence among young adult participants in the club scene who use drugs.”** *Journal of Psychoactive Drugs*, 49(1), p. 39-46.

Levi-Minzi, Maria A., Hilary L. Surratt, Catherine L. O'Grady and Steven P. Kurtz. 2016. **“Finding What Works: Predicting Health or Social Service Linkage in Drug Using, African American Female Sex Workers in Miami, FL.”** *Health Care for Women International*. [online ahead of print] DOI: 10.1080/07399332.2016.1158262

Pagano, Maria E., Christina M. Delos-Reyes, Sherry Wasilow, Kathleen M. Svala, and Steven P. Kurtz. 2016. **“Smoking Cessation and Adolescent Treatment Response with Comorbid ADHD.”** *Journal of Substance Abuse Treatment*, 70, p. 21-27.

Severtson, G.S., Ellis, M.S., Kurtz, S. P., Rosenblum, A., Cicero, T. J., Parrino, M. W., Gilbert, M. K., Buttram, M. E., Dasgupta, N., Bucher Bartelson, B., Green, J. L., and Dart, R. C. 2016. **“Sustained Reduction of Diversion and Abuse after Introduction of an Abuse Deterrent Formulation of Extended Release Oxycodone.”** *Drug and Alcohol Dependence*. [online ahead of print] DOI: 10.1016/j.drugalcdep.2016.09.018

PUBLICATIONS

Research Reports

Hall, James N. 2016. **“Poisonous Opiate Analogues are Here.”** *Broward Briefings*. United Way of Broward Commission on Substance Abuse, Ft. Lauderdale, Florida.

Hall, James N. 2016. **“Marijuana Use among Florida Youth.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Hospital Opiate Overdose Poisonings Reveal Missed Opportunities for Intervention.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Benzodiazepines: The Universal Mixers of Polysubstance Abuse.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Drug Abuse Trends in Broward County.”** *Florida Annual Report*. United Way of Broward County Commission on Substance Abuse, Ft. Lauderdale, Florida.

PUBLICATIONS

Research Reports

Hall, James N. 2016. **“E-Cigarettes and other Drug Vaping Devices are the New Gateway to Addiction.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Use of Marijuana among Youth by States With and Without Medical Marijuana Laws.”** *Broward Briefings*. United Way of Broward Commission on Substance Abuse, Ft. Lauderdale, Florida.

Hall, James N. 2016. **“Underage Drinking Continues to Decline among Florida Middle and High School Students.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Marijuana Use among Florida Students Stable with Modest Declines in Most Areas of the State.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Southeastern Florida Sentinel Community Site Profile.”** *National Drug Early Warning System*. National Institute on Drug Abuse, Rockville, Maryland.

PUBLICATIONS

Research Reports

Hall, James N. 2016. **“Florida Fights Flakka, Fake Marijuana, Fentanyl Analogues, and Future Synthetic Drugs.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Cocaine Problems Continue Still After All These Years.”** *Substance Abuse Trends Alert*. Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

Hall, James N. 2016. **“Patterns and Trends of Substance Abuse Within and Across the Regions of Florida.”** Florida Department of Children and Families Substance Abuse and Mental Health Program Office, Tallahassee, Florida.

PRESENTATIONS

Buttram, Mance E., Steven P. Kurtz, and Maria A. Levi-Minzi. 2016. **“The Diversion of ARVs from HIV-Positive to HIV-Negative MSM for HIV Prevention.”** International Symposium on HIV and Emerging Infectious Diseases, Marseilles, May 25-27.

Buttram, Mance E. and Steven P. Kurtz. 2016. **“Substance Use and Related Problems among Hispanic Young Adults.”** Society for Applied Anthropology, Vancouver, March 30-April 1.

Buttram, Mance E., Maria A. Pagano and Steven P. Kurtz. 2016. **“Commuting Distance to Miami's Club Scene and Binge Substance Use and Related Problems among Young Adults.”** The College on Problems of Drug Dependence Seventy-eighth Annual Meeting, Palm Springs, CA, June 12-16.

Buttram, Mance E. and Steven P. Kurtz. 2016. **“Substance Use and HIV Risk Behaviors Associated with Unlicensed Driving among Young Adults in Miami.”** 21st International Council on Alcohol, Drugs and Traffic Safety Conference, Gramado, Brazil, October 16-19.

Kurtz, Steven P. and Mance E. Buttram. 2016. **“Benzodiazepine Dependence among Multidrug Users in the Club Scene: Data from a Second Cohort of Young Adults.”** Global Addiction. Venice, Italy, October 2-4.

PRESENTATIONS

Hall, James N. 2016. **“Broward Drug Abuse Update: Flakka Fading and Opiates Rising.”** Broward Leadership Criminal Justice Forum, Davie, Florida, February 18.

Hall, James N. 2016. **“Drug Abuse Trends Update.”** Hollywood Police Department, Hollywood, Florida, March 15.

Hall, James N. 2016. **“South Florida Substance Abuse Update.”** Southeastern Florida Mental Health Association, Aventura, Florida, April 6.

Hall, James N. 2016. **“Designer Drugs Panelist.”** Broward County Crime Commission Conference, Cypress Creek, Florida, April 8.

Hall, James N. 2016. **“Novel Psychoactive Substances.”** Delray Beach Hospital Emergency Medicine Staff, April 12.

Hall, James N. 2016. **“Emerging Drug Issues in Martin County.”** Community Forum on Substance Abuse, Martin County Government, April 15.

Hall, James N. 2016. **“Flakka and the Designer Drugs.”** City of Hollywood Chamber of Commerce, Hollywood, Florida, April 21.

PRESENTATIONS

Hall, James N. 2016. **“Drug Trends Update for Law Enforcement Officers.”** South Florida High Intensity Drug Trafficking Area (HIDTA), Miramar, Florida, May 3.

Hall, James N. 2016. **“Emerging Drug Trends.”** Broward Behavioral Health Conference, Ft. Lauderdale, Florida, May 10.

Hall, James N. 2016. **“Poisonous Counterfeit Pills.”** Directors of National HIDTA Investigative Support Center Annual Meeting, Orlando, Florida, June 1.

Hall, James N. 2016. **“Novel Psychoactive Substances and other Emerging Trends in Drug Abuse.”** Florida Gang Investigators Annual Meeting, Daytona Beach, Florida, June 6.

Hall, James N. 2016. **“Deadly Synthetic Drugs.”** Testimony before the US Senate Committee on the Judiciary, Washington, DC, June 7.

Hall, James N. 2016. **“Broward Drug Epidemiology Network Update.”** Air Ambulance Blueprint for Recovery Tour Conference, Broward Health North, Pompano Beach, Florida, June 30.

Hall, James N. 2016. **“The Opiate Epidemic and Counterfeit Pills.”** Florida Alcohol and Drug Abuse Association Annual Meeting, Orlando, Florida, August 10.

PRESENTATIONS

Hall, James N. 2016. **“Broward County Opiate Abuse Trends.”** Broward Community Response Team Public Forum, Ft. Lauderdale, Florida, August 17.

Hall, James N. 2016. **“Opiate Epidemic Update.”** Broward Chiefs of Police Association Davie, Florida, September 1.

Hall, James N. 2016. **“Florida’s Flakka and Opiate Epidemics.”** Florida Department of Children and Families Child Protection Summit, Orlando, Florida, September 8.

Hall, James N. 2016. **“Drug Trends Update.”** City of Hollywood Chamber of Commerce Jaycees, Hollywood, Florida, September 13.

Hall, James N. 2016. **“Opiate Overdoses in Southeastern Florida.”** US Attorney’s Public Forum on the Heroin and Opioid Epidemic, Boca Raton, Florida, September 22.

Hall, James N. 2016. **“Epidemiology of Cocaine Abuse in Florida.”** Office of National Drug Control Policy special panel on Cocaine trends in Florida, Miramar, Florida, October 3.

Hall, James N. 2016. **“Molly’s Enigma: Emerging Drug Trends.”** Annual Conference National Association of Controlled Substances State Administrators, New Orleans, Louisiana, October 20.

PRESENTATIONS

Hall, James N. 2016. **Broward County Middle School Faculty and Administrators**, Pembroke Pines, Florida, October 28.

Kurtz, Steven P. 2016. **“Non-pharmaceutical Fentanyl: Canadian Fentanyl Trends Moving to the US.”** RADARS® System Tenth Annual Scientific Meeting, Washington, DC, May 6.

Kurtz, Steven P. and Mance E. Buttram. 2016. **“Intertwined Epidemics of Illicitly Manufactured Fentanyl in Canada and the United States.”** Global Addiction. Venice, Italy, October 2-4.

Kurtz, Steven P. and Mance E. Buttram. 2016. **“Opiate Injection among Young Adult Multidrug Users in the Club Scene.”** 21st International AIDS Conference, Durban, South Africa, July 18-22, 2016.

Kurtz, Steven P., Mance E. Buttram and Maria A. Pagano. 2016. **“Benzodiazepine Dependence among Multidrug Users in the Club Scene: Data from a Second Cohort of Young Adults.”** The College on Problems of Drug Dependence Seventy-eighth Annual Meeting, Palm Springs, CA, June 12-16.

Kurtz, Steven P. and Mance E. Buttram. 2016. **“Condom Use Rationale and HIV risk Behaviors and Attitudes among Young Adult Multidrug Users in the Club Scene.”** International Symposium on HIV and Emerging Infectious Diseases, Marseilles, May 25-27.

PRESENTATIONS

Levi-Minzi, Maria A., Mance E. Buttram and Steven P. Kurtz. 2016. "Health Characteristics and Sexual Risk Behaviors among Young Adult Prescription Opioid Misusers in the Club Scene: Examining the Role of Gender." 9th annual International Women's and Children's Health and Gender Conference / College on Problems of Drug Dependence Seventy-eighth Annual Meeting, Palm Springs, CA, June 11-16.

MEDIA

Jess Swanson, “Without a Needle Exchange Program, Overtown is Teeming with Dirty Syringes,” *Miami New Times*, January 1, 2016.

Carey Codd “Broward Grand Jury: New Law, More Resources Needed to Fight Flakka.” *CBS 4*, January 4, 2016.

Tonya Alanez, “Statewide Ban on Designer Drugs, More Education Needed in Flakka Fight, Grand Jury Says.” *Sun Sentinel*, January 5, 2016.

Symone Davis, “Broward County Grand Jury Working to Combat Street Drug Flakka,” *WCTV CBS, Tallahassee, FL*, January 5, 2016.

The Associated Press, “Pittsburgh-area Likely has Record Number of Overdose Deaths,” *New Pittsburgh Courier*, January 6, 2016.

Louis Jacobson, “Jeb Bush Says as Governor, he Helped Reduce Youth Heroin Use in Florida by 50 Percent,” *Politifact*, January 13, 2016.

Jerry Iannelli, “Maybe Flakka Should Just Be Legalized,” *New Times Broward Palm Beach*, January 22, 2016.

Francisco Alvarado, “The Feds Are Cracking Down on the Potentially Deadly Mexican Heroin Flowing into Florida,” *VICE-U.S.*, February 10, 2016.

MEDIA

Mary Hladky, “Heroin Linked to Rising Drug Death Toll,” *The Coastal Star*, March 2, 2016.

Tonya Alanez “Flakka’s Rise and Fall: From Crisis to Clampdown.” *Sun Sentinel*, March 4, 2016.

“Flakka Use Sharply Down in South Florida After Crisis,” *Arizona Daily Sun*, March 5, 2016.

Andrew Goff, “Possibly LSD-Influenced Man Tased Four Times After Attempting to Attack Deputies,” *Local Coast Outpost*, March 14, 2016.

Mary Hladky, “Along the Coast – State Responds to Rise in Overdose Deaths with New Legislation,” *The Coastal Star*, March 30, 2016.

“Town Hall Meeting on Drug Use Dangers in Martin County,” *TCPalm.com*, April 7, 2016.

Susan Zalkind, “Synthetic Opiate Makers Stay Step Ahead of US Drug Laws As Overdose Cases Rise.” *The Guardian US Edition*, April 11, 2016.

Carina Storrs, “Is Street Drug Flakka Gone for Good?” *CNN.com*, April 18, 2016.

Marion Warnica, “W-18: The New Street Drug With Crazy Potency,” *CBC News Edmonton*, April 21, 2016.

MEDIA

Associated Press, “Street Drug Flakka Ravaged South Florida, Then Disappeared,” *WFLA-NBC Tampa, Denton Record Chronicle, CBS News National, The New York Post, Health News Florida, Legal News, New Delhi Times, Diario Libre, La Tribuna, El Nuevo Dia*, April 8, 2016.

“The Mysterious Rise and Fall of the Drug Flakka in South Florida,” *Tampa Tribune*, April 28, 2016.

David Ovalle and Jay Weaver, “Heroin and Fentanyl a Deadly Duo as Florida Overdose Deaths Skyrocket,” *Miami Herald*, April 29, 2016.

Jon Kelvy, “Counterfeit Drugs Post Emergent Threat,” *Carroll County Times, Capital Gazette*, May 2, 2016.

Sarah Breitenbach, “Synthetic Drugs Send States Scrambling,” *Bellingham Herald, Bendbulletin*, May 3, 2016.

Francisco Alvarado, “As Heroin, Fentanyl Deaths Mount, Miami-Dade Leaders Research the Topic,” *Florida Bulldog*, May 5, 2016.

John Johnson, “W-18: The New Street Drug With Crazy Potency,” *ABC 10 News, Tampa Bay*, May 5, 2010.

MEDIA

Amy Viteri “Fentanyl Fuels New Synthetic Drug Epidemic in South Florida” *WPLG TV*, May 14, 2016.

Tony Alanez, “Fentanyl Fuels New Synthetic Drug Epidemic in South Florida,” *Sun Sentinel, WPLG ABC-10 Miami*, May 14, 2016.

“State Responds to Rise in Overdose Deaths with New Legislation,” *Coastal Star—So. Palm Beach*, May 15, 2016.

“State Heroin, Fentanyl Deaths Skyrocketing,” *Bradenton Herald*, May 15, 2016.

Nadja Popovich “A Deadly Crisis: Mapping the Spread of America’s Drug Overdose Epidemic.” *The Guardian*, May 25, 2016.

Dennis Thompson, “Experts Warn of Dangerous New Synthetic Drugs,” *WebMD*, June 6, 2016.

“Painkiller That Killed Prince Part of Dangerous Wave of Synthetic Drugs,” *Healthday, Herald & Review, Health24*. June 17, 2016.

Todd C. Frankel, “The Surprising Disappearance of Flakka, the Synthetic Drug That Pushed S. Florida to the Brink,” *Gas and Electricity*, June 17, 2016.

MEDIA

Tony Pugh, “Starting in July, You Can Stop Opioid ODs With This Drug,” *Miami Herald, Fort Worth Star Telegram, NewsOK, The Charlotte Observer*, June 24, 2016.

Jared Keever, “Heroin on the Increase in St. Johns County,” *The St. Augustine Record*, June 26, 2016.

“Florida Expands Access to Life-saving Drug in Battle Against Opioid Epidemic,” *The Miami Herald*, June 27, 2016.

Kristina Goetz, “Brain-Melting Drug Flakka Declining in KY,” *The Courier Journal*, July 1, 2016.

Amanda Batchelor, “Air Ambulance Company Hosts ‘Identifying Impairment in the Workplace’ Event,” *WPLG-Local 10*, July 2, 2016.

Antonia Noori Farzan, “Narcan is Available Over the Counter Now, but Good Luck Finding It,” *The New Times- Broward/Palm Beach*, July 11, 2016.

Briana Erickson, “Lake Worth Man’s Trial in Overdose Death Starts,” *Sun Sentinel*, August 3, 2016.

“Overdose Death Outlined,” *Sun Sentinel*, August 4, 2016.

MEDIA

“Court Hears Details of Fatal Fentanyl Overdose,” *Sun Sentinel*, August 4, 2016.

Snejana Farberov, Jose Lambiet, Jessica Chia, “Is Zombie Drug Flakka Behind Cannibal Frat Boy Attack?” *Dailymail.com*, August 16, 2016.

Char Adams, “What Is Flakka? All About the Drug that May Be Behind Florida Man Allegedly Stabbing, Attempting to Eat Couple,” *People Magazine*, August 16, 2016.

Lynda Figueredo, “Accused Face-biter is Conscious, but Heavily Sedated at Hospital, Officials Say,” *WPEC, TV12 West Palm Beach, Sun Sentinel, Orlando Sentinel*, August 17-18, 2016.

“Flakka: la Drogue Qui Rend Fou...Et Cannibale,” *MSN Belgium*, August 18, 2016.

Kyler Swisher and Mike Clary, “Victim’s Son Wants Prosecutors to Seek Death Penalty Against Face-biting Suspect,” *Honolulu Star-Advertiser*, August 19, 2016.

Associated Press, “Sheriff: Murder Charges Expected for Face-biting Attacker,” *ABC News National, WFLA TV-8 Tampa, Ocala Star Banner*, August 19, 2016.

MEDIA

Lynda Figueredo, “The Deadly Dose: Fentanyl Sold as Heroin,” *WPEC TV12, West Palm Beach, August 26, 2016.*

“Florida’s Zombie Problem,” *KBET 790 Talk Radio and WGMB 92.7FM, August 29, 2016.*

“Zombie Drugs Offer a Terrifying New Threat,” *St. Augustine Record, August 30, 2016.*

Lynda Figueredo, “Sheriff: Intruder Smashes Through Window, Attacks Residents,” *WPEC TV12 West Palm Beach, KRCG News Bloomfield, MO and ABC 33/40 Birmingham, AL, August 30, 2016.*

Melinda Carstensen, “New Zombie Drug May be Emerging in Florida as Flakka Use Declines,” *Fox News and Health Medicine Network, August 29, 2016.*

“Sheriff: Intruder Smashes Through Window, Attacks Residents,” *Consumnes Connection, September 4, 2016.*

“Kesan Dadah Flakka Atau Dikenali Sebagai Dadah Zombie,” *Media Aceh and Tribun Bali, TV14 , September 18-19, 2016.*

Collie Lane, “Flakka Drug Linked with Killing and Face-Biting Attack in Florida,” *Parents, September 20, 2016.*

MEDIA

Amy Viteri, “Officials Gather to Discuss State’s Heroin, Fentanyl Epidemic,” *WPLG-Ch.10*, September 22, 2016.

Skyler Swisher, “Someone Overdoses in Southern Florida Every Two Hours,” *Sun Sentinel*, September 22, 2016.

“Chicago Police Targeting Fentanyl-laced Heroin Arrest 25,” *Cosumnes Connection*, September 30, 2016.

Jeff Wise, “The Obscure, Legal Drug that Fuels John McAfee,” *New York Magazine*, September 30, 2016.

The Associated Press, “College Student Accused in Face-Biting Attack Taken to Jail,” *The Denver Post, Tampa Bay Times, Bay News 9—Tampa, FL, New England Cable News, Pittsburgh Tribune Review, The Boston Globe, Taipei Times, Tallahassee Democrat*, October 3-5 2016.

“Suspect in Face-biting Murder is Now Jailed,” *Sun Sentinel*, October 22, 2016.

Jess Swanson, “Heroin Overdoses are Good Advertising for Drug Dealers,” *New Times Broward/Palm Beach*, October 31, 2016.

Associated Press, “Face-biting Attacker: ‘I Ate Something Bad...Humans,’” *Daily Mail*, November 1, 2016.

MEDIA

Jon Kamp and Arian Campo-Flores, “This Is U-47700, Once a Lab Experiment, Now a Killer Opioid,” *The Wall Street Journal*, November 4, 2016.

Christine Stapleton, “Task Force Proposes Pilot Study to Help Heroin Addicts Recover,” *Palm Beach Post*, November 4, 2016.

“Task Force to Launch Detox Plan for Addicts,” *Palm Beach Post*, November 5, 2016.

Associated Press. “‘Cannibal’ Frat Boy, 19, Indicted on Murder Charges,” *Daily Mail*, November 9, 2016.

NBC Peacock Productions “Flakka Documentary” *Intervention* A&E Cable Network, November 15, 2016.

Patt Beall, “Why Heroin? Why Now?” *Palm Beach Post*, November 17, 2016.

John Pacenti, “Surgeon General: This Crisis is a Moral Test for America,” *Palm Beach Post*, November 17, 2016.

John Pacenti, “Surgeon General Drops Historic Report on Addiction,” *Palm Beach Post*, November 17, 2016.

MEDIA

“Top Doc Declares War on Addiction,” *Palm Beach Post*, November 18, 2016.

Ken Serrano, “Heroin Being Replaced by This Even Deadlier Drug,” *Daily Record*, November 19, 2016.

Mike Clary, “South Florida's Opioid Overdose Crisis: At least 800 Expected to Die by End of 2016,” *Sun Sentinel*, November 19, 2016.

This is a Wake Up Call,” *Sun Sentinel*, November 19, 2016.

“Mathias Dillon, “Florida Boy Who Ate Man’s Face WAS NOT Under the Influence of Bath Salts,” *Capital Bay*, November 24, 2016.

Kevin Duguid, “Sheku Bayoh ‘Took Zombie Drug’ Before He Died in Police Custody, Death Certificate Reveals,” *The Scottish Sun*, December 6, 2016.

“Bondi’s Path May Lead to White House Job,” *The Lakeland Ledger*, December 9, 2016.

“How Bondi Became Trump Insider,” *Sun Sentinel*, December 22, 2016.

COURSES

**Social Issues and Human Services Delivery Systems (HS 1100),
Department of Justice and Human Services; Winter 2016.**

**Honors Seminar: Alcohol, Drugs, and Society (HONR 2010N),
Honors College; Fall 2016.**

UNIVERSITY SERVICE

- **Nova Southeastern University Research Advisory Board**
- **Nova Southeastern University Academic Integrity Committee**
- **Honors College Research Roundtable**
- **Faculty Judge, Undergraduate Student Symposium**
- **Shark Preview Weekend Facilitator**

COMMUNITY SERVICE

Hall, James N. 2016. Co-Chair, Surveillance Support Committee, United Way of Broward County Commission on Substance Abuse. Ft. Lauderdale, Florida.

Hall, James N. 2016. Opiate Epidemic Community Response Team, United Way of Broward County Commission on Substance Abuse. Ft. Lauderdale, Florida.

PROFESSIONAL SERVICE

Reviewer, Behavioral and Social Science Approaches to Preventing HIV/AIDS Study Section (BSPH), National Institutes of Health.

Reviewer, Avenir Award Program for Research on Substance Abuse and HIV/AIDS, National Institute on Drug Abuse.

Review Board, International AIDS Society and National Institute on Drug Abuse Joint Fellowship Programme encouraging HIV and drug use research.

National Institute on Drug Abuse (NIDA): Scientific Advisory Group, and South Florida Sentinel Site Epidemiologist, National Drug Early Warning System.

Lead Analyst and Co-Chair, Florida's State Epidemiology and Outcomes Work Group, Florida Department of Children and Families.

College on Problems of Drug Dependence Credentials Committee.

College on Problems of Drug Dependence Under-Represented Populations Committee.

PROFESSIONAL SERVICE

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; Plos One; 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.*
Gay and Lesbian Medical Association Conference Peer-Review Committee.

Subject Matter Expert, Mayor Carlos Gimenez's Miami-Dade County HIV/AIDS "Getting to Zero" Task Force.

International Women's (InWomen's) and Children's Health and Gender Group.

US Food and Drug Administration (FDA): Drug Safety and Risk Management Advisory Committee.

PROFESSIONAL SERVICE

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.