**Desmond U. Patton, M.S.W., Ph.D.**

Columbia University School of Social Work

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EDUCATION

**2012 Ph.D., Social Service Administration**, University of Chicago, Chicago, IL

1. Dissertation title: *Connected, Known and Protected: African American Adolescent Males Navigating Community Violence.* Chair: Melissa Roderick; Committee: Waldo Johnson, Mario Small, Camille Farrington

Comprehensive/prelim exam fields: Social Inequality, Life Course Development

**2006 M.S.W.**, University of Michigan, Ann Arbor

1. Awards: Merit Scholar; Olivia P. Maynard Fellow

**2004 B.A., Anthropology and Political Science**, University of North Carolina, Greensboro, with honors

ACADEMIC APPOINTMENTS

**2019- Present Associate Dean for Curriculum Innovation and Academic Affairs, MSW Program Director** Columbia University School of Social Work

**2018- Present Associate Professor, w/tenure** Columbia University School of Social Work, Courtesy appointment in Sociology. Member of Data Science Institute

**2015 – 2018 Assistant Professor**,Columbia University School of Social Work

 Courtesy appointment in Sociology

**2017 – 2018 Fellow,** Berkman Klein Center for Internet and Society, Harvard University; Current Faculty Associate

**2012 – June 2015 Assistant Professor**,University of Michigan School of Social Work & School of Information

AWARDS, DISTINCTIONS AND FELLOWSHIPS

2019 **Fellow**, Carr Center for Human Rights Policy, Harvard Kennedy School

2019 **Fellow**, Social for Social Work and Research

2019 **Presidential Leadership Scholar**

2018 **Deborah K. Padgett Early Career Achievement Award**, Society for Social Work and Research

2018 **Obama Foundation Fellowship** Finalist

2016 **Certificate of Appreciation for Educators**, Manhattan Borough President

2014 **Commencement Speaker**, University of Michigan School of Social Work

2013 **Golden Apple Award Nominee** (for outstanding teaching), University of Michigan

2013 **Michigan Road Scholars awardee**, University of Michigan

2008 **Doctoral Theory Fellowship**, University of Chicago

2006 **Education Pioneers Fellowship**, University of Michigan

2004 **Undergraduate Research Fellowship**, UNC-Greensboro

2004 **Honors College graduate**, UNC-Greensboro

PUBLICATIONS

**Articles in Refereed Journals**

1. **Patton, D.U**., Frey, W., Gaskell, M. Guns on Social Media: Complex Interpretations of Gun Images by Chicago Youth. (Accepted). *Nature, Palgrave Communications*
2. Zhong, R., Chen, Y., **Patton.D.U**., Sealous, C., McKeown, K., Detecting and Reducing Bias in a High Stake Domain. *20’ Proceedings of the Conference on Empirical Methods in Natural Language Processing.* 23% acceptance rate.
3. **Patton, D.U.,** Pyooz, D., Decker, S., Leonard, P., & Frey, W (In Press) When Twitter fingers turn to trigger fingers: A sociolinguistic study of internet-mediated gang violence. *International Journal of Bullying Prevention*
4. **Patton, D.U**., Blandfort, P., Frey, W., Schifanella, R., McGregor, K., Chang, S.F. VATAS: An Open-Source Web Platform for Visual and Textual Analysis of Social Media. (In Press) *Journal of the Society for Social Work and Research*.
5. Blandfort,P., **Patton, D.U** Bhargava, S., Chang, Shih-Fu.,., Frey, W., , Gaskell, M., Karaman, S., Schifanella, R., McKeown, K., Chang, S. Multimodal Detection of Aggression, Loss and Substance Use in Tweets of Chicago Gang Members. MM '18 Proceedings of the 2018 ACM on Multimedia Conference
6. Crosby, S., **Patton, D.U**. Duncan, D., Smith Lee, J., (In Prcess) Framing Neighborhood Safety and Academic Success: Perspectives from High- Achieving Black Youth in Chicago. *Children, Youth and Environments*.
7. **Patton, D.U.,** Blandfort, P., Frey, W., Gaskell, M., Karaman, S. Annotating Social Media Data From Vulnerable Populations: Evaluation Disagreement Between Domain Experts and Graduate Student Annotators. *In the Proceedings of the Hawaii International Conference on Systems Science 52*
8. Chang, S., Varia, S., Lee, Fei-Tzin., Kedzie, C., **Patton, D.U**., Frey, W. McKeown, K. Detecting Gang-Involved Escalation on Social Media Using Context. *18’ Proceedings of the Conference on Empirical Methods in Natural Language Processing.* 10% acceptance rate.
9. Frey, W. **Patton, D.U**., Gaskell, M., & McGregor, K. (2018) Artificial intelligence and inclusion: Formerly gang-involved youth as domain experts for analyzing unstructured Twitter data.  *Social Science Computer Review. Awarded \*Abstract with Distinction\** Society for Prevention Research
10. **Patton, D.U.**,Macbeth, J., Shoenbeck, S., Shear, K., & McKeown, K. (2018). Accommodating grief on Twitter: An analysis of expressions of grief among gang involved youth on Twitter using qualitative analysis and natural language processing. *Biomedical Informatics Insights. 10, 117822618763155.* DOI: 10.117/117222618763155
11. **Patton, D.U.**, Rambow, O., Auerbach, J., Li, K., & Frey, W. (2018). Expressions of loss predict aggressive comments on Twitter among gang involved youth in Chicago. *Nature Partner Journal: Digital Medicine. 1.11.* DOI: 10.1038/s4176-018-0020
12. **Patton, D.U.**, McGregor, K., & Slutkin, G. (2018). Youth violence prevention in a digital era. *Pediatrics.* E20172438; DOI: 10.1542/peds.2017-2438
13. **Patton, D.U.**,Dungy, L., Hong, J.S., & Leonard, P. (2017). Gang violence, crime and substance use on Twitter: A snapshot of gang communications in Detroit. *Violence and Victims*. 32, pp 919-934 (16). DOI: 10.191/0886-6708 VV D-16-00040
14. Tan, K., **Patton, D.U.**, & Cordova, D. (2018). School factors and adolescent substance abuse: Are there differences by population density? *Journal of Social Work Practice in the Addictions.* 18:2, 153-167, DOI: 10.1080/1533256X.2018.1450263
15. **Patton, D.U.**, Leonard, P., Eschmann, R.D., Patel, S., Elsaesser, C., & Crosby, S. (Online First) What’s a threat on social media? How Black and Latino young men in Chicago navigate threats online. *Youth & Society.* DOI: 10.1177/0044118X177yout20325
16. Hollingsworth, L.D., **Patton, D.U.**, Allen, P.C., & Bryant, K.E. (2018). Racial microaggressions in social work education: Black students’ encounters in a predominantly White institution. *Journal of Ethnic and Cultural Diversity in Social Work.* DOI: 10.1080/15313204.2017.1417942
17. Elsaesser, C., Russell, B., Ohannessian, C.M., & **Patton, D.U**. (2017). Parenting in a digital age: A review of parents' role in preventing adolescent cyberbullying. *Aggression and Violent Behavior, 35*, 62-72*.* DOI: 10.1016/j.avb.2017.06.004
18. **Patton, D.U.**,Brunton, D., Dixon, A., Hackman, R.J., & Miller R. (2017). Stop and frisk online: Theorizing everyday racism in digital policing in the use of social media for the identification of criminal conduct and associations. *Social Media + Society.* DOI: 10.1177/2056305117733344
19. **Patton, D.U.**, Hong, J.S., Patel, S., & Kral, M. (2017). A systematic review of research strategies used in qualitative studies on school bullying and victimization. *Trauma, Violence and Abuse*, *18*(1), 3-16. DOI: 10.1177/1524838015588502
20. **Patton, D.U.**, Sodhi, A., Lee, J., Affinati, S., & Crandall, M. (2016). Post-discharge needs of victims of gun violence in Chicago: A qualitative study. *Journal of Interpersonal Violence*, 1-21. DOI: 10.1177/0886260516669545
21. **Patton, D.U.**,McKeown, K., Rambow, O., & MacBeth, J. (2016). Using natural language processing and qualitative analysis to intervene in gang violence: A collaboration between a social work researcher and data scientist. *Proceedings of the Second Annual Data for Good Exchange Conference.* Retrieved fromhttps://data.bloomberglp.com/company/sites/2/2016/09/paper\_61.pdf
22. **Patton, D.U.**,Eschmann, R.D., Elsaesser, C., & Bocanegra, E. (2016). Sticks, stones and Facebook accounts: What violence outreach workers know about social media and urban-based gang violence in Chicago. *Computers in Human Behavior, 65,* 591-600. DOI: 10.1016/j.chb.2016.05.052
23. **Patton, D.U.**, & Roth, B. (2016). Good kids with ties to deviant peers: Network strategies used by African American and Latino young men in violent neighborhoods. *Children and Youth Service Review, 66,* 123-130. DOI: 10.1016/j.childyouth.2016.04.020
24. **Patton, D.U.**,Leonard, P., Lane, J., & Macbeth, J. (2016). Gang violence on the digital street: A case study of a South Side Chicago gang member’s Twitter communication. *New Media and Society,* 1-19. DOI: 10.1177/1461444815625949 **\**NMS*’s most-read article in February 2016\***
25. **Patton, D.U.**, Miller, R.J., Garbarino, J., Gale, A., & Kornfeld, E. (2016). Hardiness scripts: High-achieving African American boys in a Chicago charter school navigating community violence and school. *Journal of Community Psychology. 44*(5), 638-655. DOI: 10.1002/jcop.21791
26. **Patton, D.U.**,Leonard, P., Cahill, L., Macbeth, J., Crosby, S., & Brunton, D. (2016). “Police took my homie I dedicate my life 2 his revenge”: Twitter tensions between gang-involved youth and police in Chicago. *Journal of Human Behavior in the Social Environment*, *26*(3-4), 310-324. DOI: 10.1080/10911359.2015.1127738
27. Blevins, T., Kwitakowski, R., Macbeth, J., McKeown, K., **Patton, D.U.**, & Rambow, O. (2016). Automatically processing tweets from gang-involved youth: Towards detecting loss and aggression. *Proceedings of COLING 2016, the 26th International Conference on Computational Linguistics: Technical Papers*, 2196-2206. Retrieved from: <http://aclweb.org/anthology/C/C16/C16-1207.pdf>
**\*Authors are in alphabetical order\***
28. Affinati, S., **Patton, D.U.**, Hansen, L., Ranney, M., Christmas, A.B., Violano, P., Sodhi, A., Robinson, B. & Crandall, M. (2016). Hospital-based violence intervention programs targeting adult populations: An Eastern Association for the Surgery of Trauma evidence-based review. *Trauma Surgery and Acute Care Open*, *1* (1). DOI: 10.1136/tsaco-2016-000024
29. Watkins, D.C., **Patton, D.U.**, & Miller, R.J. (2016). Introduction to the special issue on the intersections of race, gender, and class in the wake of a national crisis: The state of Black boys and men post-Ferguson. *Journal of Men’s Studies, 24*(2),119-129*.* DOI: 10.1177/1060826516641108
30. Washington, T., Rose, T., Coard, S., **Patton, D.U**., Young, S., Giles, S., & Nolen, M. (2016). Family-level factors, depression, and anxiety among African American children: A systematic review. *Child and Youth Care Forum.* DOI: 10.1007/s10566-016-9372-z
31. Hong, J.S., Lee, J., Espelage, D.L.,Hunter, S.C., **Patton, D.U**., & Rivers, Jr., T. (2016). Understanding the correlates of face-to-face and cyberbullying victimization among U.S. adolescents: A social-ecological analysis. *Violence and Victims, 31*(4), 638-663 .
32. Smith, J.R., & **Patton, D.U.** (2016). Posttraumatic stress symptoms in context: Examining trauma responses to violent exposures and homicide death among Black males in urban neighborhoods. *Journal of Orthopsychiatry, 86*(2), 212-223. DOI: 10.1037/ort0000101
33. **Patton, D.U.,** Sanchez. N., Fitch, D., Macbeth, J., & Leonard, P. (2015). I know God’s got a day 4 me: Violence, trauma and coping among gang-involved Twitter users. *Social Science Computer Review*, 1-18. DOI: 10.1177/0894439315613319
34. **Patton, D.U., &** Miller, R.J. (2015). Examining the relationship between adolescent violence exposure and adulthood violence perpetration among urban Black and African American men. *Academy of Violence and Abuse Research Review, 5*(February), 1-4.
35. Miller, R., Miller, J., Djoric, J., & **Patton, D. U.** (2015). Baldwin’s mill: Race, punishment, and the pedagogy of repression, 1965-2015. *Humanity and Society, 39(*4), 456-475*.* DOI: 10.1177/0160597615609188
36. Miller, R.J., **Patton, D.U**., & Williams, E. (2015). Rethinking prisoner reentry. *Offender Program Reports, 19*(1), 1-4.
37. **Patton, D.U.,** Hong, J.S., Ranney, M., Patel, S., Kelley, C., Eschmann, R.D., & Washington, T. (2014). Social media as a vector for youth violence: A review of literature. *Computers in Human Behavior, 35*, 548-553. DOI: 10.1016/j.chb.2014.02.043
38. Hong, J.S., Huang, H., Golden, M., **Patton, D.U**., & Washington, T. (2014). Are community violence-exposed youth at risk of engaging in delinquent behavior? A review and implications for residential treatment research and practice. *Residential Treatment for Children & Youth, 31*(4), 266-283. DOI: 10.1080/0886571X.2014.958343
39. **Patton, D.U**., Hong, J.S., Williams, A.B., & Allen-Meares, P. (2013). A review of research on school bullying among African American youth: An ecological systems analysis. *Educational Psychology Review 25*(2), 245-260. DOI: 10.1007/s10648-013-9221-7
40. **Patton, D.U**, Eschmann, R.D. & Butler, D.A. (2013).Internet banging: New trends in social media, gang violence, masculinity and hip hop. *Computers in Human Behavior, 29*(5), A54-A59. DOI: 10.1016/j.chb.2012.12.035
41. **Patton, D.U.**, W oolley, M.E., & Hong, J.S. (2012). Exposure to violence, student fear, and low academic achievement: African American males in the critical transition to high school. *Children and Youth Service Review, 34*(2), 388-395. DOI: 10.1016/j.childyouth.2011.11.009
42. **Patton, D.U.,** & Johnson, D.W. (2010). Exposure to community violence and social capital: African American students in the critical transition to high school. *Harvard Journal of African American Public Policy, 16*, 53-72.

**Articles under Review**

* **Patton, D.U**. Mathiyazhagan, S., Landau, A., Meet them where they are: A social work informed conceptual framework for youth inclusion in AI violence prevention systems
* **Patton, D.U**., Frey, W., McGregor, K., Lee, F., McKeown, K., Contextual Analysis of Social Media: A Qualitative Approach to Eliciting Context in Social Media Posts with Natural Language Processing.
* Blandfort, P., Hees, J., **Patton, D.U**. An Overview of Computational Approaches for Interpretation Analysis.
* Sodhi, A., Choma, D., Steve, J., **Patton, D.U.,** Crandall, M. Social Media representations of law enforcement within four diverse Chicago neighborhoods.
* Elsaesser, C., **Patton, D.U.** Kelley, A., Santiago, J., Clarke, A. Avoiding Fights on Social Media: Strategies youth leverage to navigate conflict in a digital era.
* **Patton, D.U.,** Stevens, R., Smith, J., Obamye, G, & Frey, W. You set me up: Gendered perceptions of Twitter communication that leads to offline violence.

**Book Chapters**

1. Miller, R. J., Delva, J., & **Patton, D. U**. (In press). Using groups in criminal justice settings. In C.D. Garvin, L.M. Gutierrez, and M.J. Galinsky (Eds.), *Handbook of Social Work with Groups* (2nd ed.). New York: Guilford.
2. Hong, J.S., & **Patton, D.U.** (2014).Gangs in schools. In L.H. Cousins (Ed.), *Encyclopedia of Human Services and Diversity* (pp. 573-574). Thousand Oaks, CA: Sage.
3. **Patton, D.U**. (2013). Between two worlds: Resilient African American adolescent males navigating community violence. In M.S. Harris (Ed.), *African American Perspectives: Family Dynamics, Health Care Issues and the Role of Ethnic Identity*. New York: Nova Science Publishers.
4. **Patton, D.U.**,& Garbarino, J. (2013). The hurting child inside the young Black male. In K.C. Vaughans & W. Spielberg (Eds.), *The Psychology of Black Boys and Adolescents* (pp. 541-552). Santa Barbara, CA: Praeger.
5. Woolley, M.E., & **Patton, D.U.** (2009). School violence. In D. Carr (Ed.), *Encyclopedia of the Life Course and Human Development, Vol. 1: Childhood and Adolescence* (pp. 416-420). Detroit, MI: Macmillan Reference USA.

**Book Reviews**

1. **Patton, D.U.** (2013). Untitled review [Review of the book *The Other Wes Moore: One Name, Two Fates*, by W. Moore]. *Qualitative Social Work, 12*(1), 93-97.

**Technical Reports**

1. Matteescu, A., Brunton, D., Rosenblat, A., **Patton, D.U.,** Gold, Z., & boyd, d. (2015). *Social media surveillance and law enforcement*. Washington, DC: Data & Civil Rights. Retrieved from http://www.datacivilrights.org/pubs/2015-1027/Social\_Media\_Surveillance\_and\_Law\_Enforcement.pdf
2. **Patton, D.U.** (2012). *Evaluation of safe passage in Chicago*. Chicago, IL: Children’s Memorial Hospital.
3. **Patton, D.U.** (2011). Listening sessions final report. Chicago, IL: Children’s Memorial Hospital.
4. Imai, R., **Patton, D.U.**, Rodkin, J., & Small, M. (2011). *Qualitative evaluation of the CPS 2010-2011 Mentor and Advocacy Program*. Chicago, IL: Chicago Public Schools.
5. Roderick, M., Nagaoka, J., Moeller, E; with Roddie, K., Gilliam, J., & **Patton, D.U.** (2008). *From high school to the future*. Chicago, IL: Consortium on Chicago School Research. Retrieved from https://consortium.uchicago.edu/publications/high-school-future-potholes-road-college

 **Editorial Service**

2018-2019 Editorial Board. *Psychiatry and Mental Health*. Plos One

2018 Editorial Board of the book series *AI for Social Good*. Oxford University Press: Oxford, UK.

2016 Guest-edited special issue of *Journal of Men’s Studies,* Intersections of race, gender, and class in the wake of a crisis: The state of boys and men of color post-Ferguson. Vol. 24, no. 2. **\*Co-edited with Daphne Watkins and Reuben Miller\***

EXTERNAL REVIEWER

*City and Community*

*Computers in Human Behavior*

*Criminology*

*International Journal of Men’s Health*

*Journal of Black Psychology*

*Journal of Orthopsychiatry*

*Justice Quarterly*

*Journal of Health Psychology*

*National Academies of Sciences, Engineering and Medicine*

*Nature Partner Journal: Digital Medicine*

*New Media and Society*

*Pediatrics*

*Qualitative Health Research*

*Qualitative Social Work*

*Social Work*

*Violence and Victims*

SELECTED MEDIA COVERAGE

*Tech Crunch* (September 2019). Why AI Needs More Social Worker, With Columbia’s Desmond Patton

*Washington Post* (August 2019). The Technology 202: Research into link between social media and mass shootings is lacking, experts say.

*Vox* (August 2019). Trump wants to “detect mass shooters before they strike.” It won’t work.

*Bloomberg* (June 2019). Crime app Citizen Draws 1 million New Yorkers and Some Controversy

*A&E. The Untold Story.* (May 2019). Secret Life of a Gang Girl.

*In Sickness and In Health. Podcast* (May 2019). Gun Violence in America/ Violence is Contagious

*NPR. Invsibilia Podcast.* ( March 2019). Post, Shoot.

*Propublica.* ( February 2019). Chicago Public Schools Monitored Social Media for Signs of Violence, Gang Membership.

*Chicago Sun Times* (February 2019). *CPS, social media and curbing trouble among students.* <https://chicago.suntimes.com/opinion/editorial-cps-social-media-and-curbing-trouble-among-students/>

*Public Security Today* ( January 2019). These companies are scouring social media for the next shooter. <https://publicsecurity.today/social-media-listening-at-schools-stop-shooters/?fbclid=IwAR2eJ-YTB_4CD7JX0oAwOTPDJIGf3Se99AbG4ulR_7wEsmeF7Mj0dofOjQ0>

*Wttw PBS Chicago Tonight* (November 2018). What social media posts can tell us about gang violence. <https://news.wttw.com/2018/11/15/what-social-media-posts-can-tell-us-about-gang-violence>

*Voice of America News* (November 2018). VR Project highlights social media policing. <https://www.voanews.com/a/4647919.html>

*NATURE* (September 2018). A murdered teen, two million tweets and an experiment to fight gun violence. <https://www.nature.com/articles/d41586-018-06169-8>

*WIRED* (August 2018). Schools are mining students’ social media posts for signs of trouble. <https://www.wired.com/story/algorithms-monitor-student-social-media-posts/?mbid=social_fb_onsiteshare>

*PIX11 New York* (August 2018). Gangland NYC: Special report on gang crisis in aftermath of Junior’s slaying. <https://pix11.com/2018/08/11/gangland-nyc-special-report-on-gang-crisis-in-aftermath-of-juniors-slaying/>

*FOX32 Chicago* (July 2018). Cook County Sheriff’s Office team works to stop social media from fueling violence. http://www.fox32chicago.com/news/local/cook-county-sheriff-s-office-team-works-to-stop-social-media-from-fueling-violence

*NPR* (June 2018). Why Chicago’s ‘Gang Book’ Is a Problem For Communities of Color. https://www.npr.org/2018/06/29/624789878/why-chicagos-gang-book-is-a-problem-for-communities-of-color

*Washington Post* (June 2018). How emoji can kill: As gangs move online, social media fuel violence. https://www.washingtonpost.com/news/speaking-of-science/wp/2018/06/13/how-emoji-can-kill-as-gangs-move-online-social-media-fuels-violence/?noredirect=on&utm\_term=.0e4d6ee72fc9

*VICE* (May 2018). Three Gun Violence Scholars on What Is Missing From America’s Gun Violence Debate. https://www.vice.com/en\_ca/article/7xmxky/three-gun-violence-scholars-on-what-is-missing-from-americas-gun-control-debate?utm\_campaign=sharebutton

*Lynda Steele Show* (April 2018). Is it possible to develop an algorithm to detect internet users who may be dangerous instead of those that may be just posing touch? https://omny.fm/shows/steele-drex/is-it-possible-to-develop-an-algorithm-to-detect-i

*Chicago Tribune* (April 2018). Tweets from gang member’s express grief over violence- but then to anger, researchers find. <http://www.chicagotribune.com/news/local/breaking/ct-met-gang-internet-banging-study-20180406-story.html>

*Microsoft* (April 2018). Civil actions: How four simple rules can make the internet safer. <https://news.microsoft.com/on-the-issues/2018/04/09/civil-actions-how-four-simple-rules-can-make-the-internet-safer/>

*Washington Policy Podcast* (February 2018). Understanding Social Media and Gang Violence. https://washingtech.com/social-media-and-gang-violence/

*New York Times* (January 2018). Interrupters Peek at Social Media to Stop Street Violence. <https://www.nytimes.com/2018/01/21/nyregion/facebook-violence-social-media-monitor.html>

*The Social Work Podcast* (January 2018). Social Media and Gang Violence - Interview with Desmond Patton, Ph.D. <https://socialworkpodcast.blogspot.com/2018/01/patton.html>

*Columbia School of Social Work* (December 2017). Desmond Patton Receives Early Career Achievement Award from the Society for Social Work and Research. <https://socialwork.columbia.edu/news/desmond-patton-receives-early-career-achievement-award-from-the-society-for-social-work-and-research/>

*Fast Company* (November 2017). Could Software Help Stop School Shootings? <https://www.fastcompany.com/40477172/could-software-stop-school-shootings>

*Columbia School of Social Work* (November 2017). Is Social Media Surveillance the Virtual Stop-and-Frisk? New Study by Desmond Patton. <https://socialwork.columbia.edu/news/social-media-surveillance-virtual-stop-frisk-new-study-desmond-patton/>

*The Berkman Klein Center for Internet & Society* (October 2017). How Facebook Tries to Regulate Postings Made by Two Billion People. <https://medium.com/berkman-klein-center/how-facebook-tries-to-regulate-postings-made-by-two-billion-people-bca9408b6b4b>

*YouTube: The Berkman Klein Center for Internet & Society* (October 2017). Fellow Friday: Desmond Patton. <https://www.youtube.com/watch?v=HFdE_hHzwn8>

*Columbia University’s Data Science Institute* (September 2017). DSI Professors Mine Social Media to Curb Gang Violence. <http://datascience.columbia.edu/dsi-professors-mine-social-media-curb-gang-violence>

*ABC News* (September 2017). Law Enforcement Officials, Privacy Experts Discuss Social Media at Rutgers Police Institute. <https://youtu.be/AGE2T9gR0IU>

*The Daily Dot* (September 2017). From the Streets to Tweets, the Rise of “Internet Banging.” <https://www.dailydot.com/irl/internet-banging/>

*Lancet Child and Adolescent Health* (September 2017). Media Violence and Youth Aggression. [http://www.thelancet.com/pdfs/journals/lanchi/PIIS2352-4642(17)30033-0.pdf](http://www.thelancet.com/pdfs/journals/lanchi/PIIS2352-4642%2817%2930033-0.pdf)

*Richmond Times-Dispatch* (June 2017). When Social Media Turns Antisocial. <http://www.richmond.com/news/local/michael-paul-williams/williams-when-social-media-turns-antisocial/article_5ffe61ef-9c28-517c-bf92-82f7f34e2b83.html>

*New York Times* (June 2017). The Digital Bystander Effect. <https://www.nytimes.com/video/us/100000005144290/the-digital-bystander.html>

*TEDxBroadway* (May 2017). They Are Children: How Posts on Social Media Lead to Gang Violence <https://www.tedxbroadway.com/talks/2017/6/9/they-are-children-how-posts-on-social-media-lead-to-gang-violence-desmond-patton>

*Fox10* (May 2017). Trending Violence: Are Social Media and Violence Related <http://www.fox10tv.com/story/35435737/trending-violence-are-social-media-and-violence-related>

*Columbia Alum – Vimeo* (May 2017). Columbia Commitment to Data Science. <https://vimeo.com/217054540>

*Stanford News* (May 2017).The Brown Institute, a Collaboration Between Stanford’s School of Engineering and Columbia’s School of Journalism, Announces ‘Magic Grants’ to Transform the World of Media. <https://news.stanford.edu/2017/05/04/brown-institute-announces-magic-grants-transform-world-media/>

*The Trace* (May 2017). We’re Just Starting to Comprehend How Social Media Breeds Shootings. <https://www.thetrace.org/2017/05/twitter-social-media-gang-shooting-research/>

*Politiken* (May 2017). Experts: Facebook Users May Also Take Responsibility if the Brutal Murder Videos Must Be Stopped. <https://politiken.dk/kultur/medier/art5931294/Facebooks-brugere-m%C3%A5-ogs%C3%A5-selv-tage-ansvar-hvis-brutale-mordvideoer-skal-stoppes>

*Uptown Radio* (May 2017). Schwab Social Media Episode 4 Mixdown. <https://soundcloud.com/uptownradio/schwab-social-media-e4-mixdown>

*Salon* (April 2017). Murder on Facebook Raises Big Censorship Questions: What Should Social-Media Companies Do about Violent Content? <https://www.salon.com/2017/04/21/murder-on-facebook-raises-big-censorship-questions-what-should-social-media-companies-do-about-violent-content/>

*Educational Video Center* (April 2017). Escaping the Labels. <https://vimeo.com/210802785>

*Columbia School of Social Work* (April 2017). Social Workers Need to Understand Impact of Cyber-interaction on Adolescents. <https://socialwork.columbia.edu/news/austin-lecture-2017-social-workers-need-to-understand-impact-of-cyber-interaction-on-adolescents/>

*YouTube: Columbia School of Social Work* (March 2017). Tech is the Future, Even in Social Work. <https://www.youtube.com/watch?v=RZtb_8FZUJ0>

*WBEZ 91.5 Chicago* (February 2016). A Look at Facebook Live and Chicago Violence. <https://www.wbez.org/shows/wbez-news/a-look-at-facebook-live-and-chicago-violence/e6f5685f-db8d-4fad-86cf-2be0daf19dbd>

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*Earth Institute – Columbia University* (February 2017). Understanding Youth and Gang Violence on Social Media – Episode # 48. <https://soundcloud.com/ac4-columbia/youth-and-gang-violence-on-social-media-with-dr-desmond-patton>

*Chicago Tonight* (February 2017). How Social Media is Being Used to Prevent Chicago Violence. <http://chicagotonight.wttw.com/2017/02/10/how-social-media-being-used-prevent-chicago-violence>

*The Atlantic* (January 2017). The Desire to Live-Stream Violence. <https://www.theatlantic.com/news/archive/2017/01/chicago-beating-facebook-live/512288/>

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*The Post and Courier* (December 2016). Social Media Plays Increasing Role in Low Country Law Enforcement Investigations. <https://www.postandcourier.com/news/social-media-plays-increasing-role-in-lowcountry-law-enforcement-investigations/article_9f113934-be1d-11e6-9484-33bcf0070013.html>

*YouTube: Research & Evaluation Center* (December 2016). Desmond Patton, Columbia University. <https://www.youtube.com/watch?v=er5MeX-v2b0>

*Newsy* (December 2016). How Social Media Can Be Used to Stop Gang Violence. <http://www.newsy.com/videos/social-media-contributes-to-gang-violence-nationwide/>

*Vice News HBO* (December 2016). Cyberbanging. Episode 34.

*Columbia News* (November 2016). Faculty Q&A: Social Scientist Desmond Patton Studies Inner City Violence. <http://news.columbia.edu/content/Faculty-QA-Social-Scientist-Desmond-Patton-Studies-Inner-City-Violence>

*Security Gladiators* (November 2016). Artificial Intelligence Catching Gang Members? Researchers Say Possible. <https://securitygladiators.com/artificial-intelligence-catching-gang-members-researchers-say-possible/>

*Radio Sputnik* (November 2016.) Interview. <https://soundcloud.com/radiosputnik/we-should-think-about-situational-conditions-that-influence-online-behaviour-desmond-patton>

*Motherboard* (November 2016). Researchers Claim AI Can Identify Gang Members on Twitter. <http://motherboard.vice.com/read/researchers-claim-ai-can-identify-gang-members-on-twitter>

*Columbia Engineering Magazine* (October 2016). When Words on Twitter Trigger Real-World Violence. <http://engineering.columbia.edu/web/newsletter/fall_2016/when_words_twitter_trigger_realworld_violence>

*WYPR* (October 2016). How Studying Emojis May Prevent Violence. <http://wypr.org/post/how-studying-emojis-may-prevent-violence#stream/0>

*La Tribune* (October 2016). Presidentielle americaine: Chicago, chronique de la violence quotidienne et du racism ordinaire. <http://www.latribune.fr/economie/international/presidentielle-americaine-chicago-chronique-de-la-violence-quotidienne-et-du-racisme-ordinaire-605188.html>

*The Grio* (September 2016). One Man’s Mission to Stop Gang Violence Using Social Media. <https://safelab.socialwork.columbia.edu/news/one-mans-mission-stop-gang-violence-using-social-media>

*NBC Chicago* (September 2016). Professor Hopes Social Media Can Help Stem Chicago Violence. <https://www.nbcchicago.com/news/local/chicago-social-media-violence-columbia-university-desmond-patton-393181261.html>

*National Public Radio - All Things Considered* (September 2016). In Effort to Curb Violence in Chicago, a Professor Mines Social Media. <https://safelab.socialwork.columbia.edu/news/effort-curb-violence-chicago-professor-mines-social-media>

*The Daily Dot* (September 2016). From the Streets to Tweets, the Rise of ‘Internet Banging’. <https://www.dailydot.com/irl/internet-banging/>

*Columbia School of Social Work* (August 2016). Professor Desmond Patton Collaborates with Data Scientist on ROADS-funded Project to Prevent Gang Violence. <https://socialwork.columbia.edu/news/professor-desmond-patton-collaborates-with-data-scientist-on-roads-funded-project-to-prevent-gang-violence/>

*The Dialogue with Victoria Shantrell* (July 2016). Desmond Upton Patton: Social Worker, Scholar, Professor. <https://youtu.be/G_IT45OGUz0>

*CLTV* (June 2016). Tracking Chicago Gangs on Social Media. <http://cltv.com/2016/06/13/tracking-chicago-gangs-on-social-media/>

*NEWSONE* (June 2016). Scholars Examine How Gang Members Use Twitter. <https://newsone.com/3452991/scholars-examine-how-gang-members-use-twitter/#.V1a6BVVVqho.twitter>

*Chicago Sun-Times*. (June 2016). Professor Studies Twitter Threats of Girl Gang Killer in Chicago. <http://chicago.suntimes.com/person/desmond-patton/>

*Anchorage Daily News* (June 2016). Why Chicago Leads in Homicides. <https://www.adn.com/nation-world/2016/5/28/why-chicago-leads-in-homicides/>

*New York Time*s (May 2016). Chicago’s Murder Problem. <https://www.nytimes.com/interactive/2016/05/18/us/chicago-murder-problem.html>

*Splinter News* (April 2016). Does Social Media Make Gangs More Violent? [https://fusion.tv/story/286754/twitter-chicago-youth-gangs/](https://fusion.tv/story/286754/twitter-chicago-youth-gangs/?utm_source=twitter&utm_medium=social&utm_campaign=socialshare&utm_content=theme_top)

*CBS Philly* (March 2016). 30 Arrested after Flash Mob Strikes Center City Philadelphia. <http://philadelphia.cbslocal.com/2017/03/06/philly-police-more-than-100-kids-participated-in-flash-mob-some-arrested/>

*New York Magazine* (March 2016). Could Cops Use Facebook Reactions to Target Criminals? <http://nymag.com/selectall/2016/03/could-cops-use-facebook-reactions-to-target-criminals.html>

*VICE* (December 2015). This Algorithm Will Try to Predict Which Gang Threats on Twitter Turn into IRL Violence. <http://www.vice.com/read/this-algorithm-will-try-to-predict-which-gang-threats-on-twitter-turn-into-irl-violence>

*FOX 32 Chicago* (October 2015). Cyberbanging: Personal Attacks Online Contributing to Chicago Gang Violence. <http://www.fox32chicago.com/news/chicago-at-the-tipping-point/36651505-story>

*National Public Radio - All Tech Considered* (October 2015). When Social Media Fuels Gang Violence. <https://www.npr.org/sections/alltechconsidered/2015/10/07/446300514/when-social-media-fuels-gang-violence>

*Chicago Tribune* (August 2015). Gangs Increasingly Challenge Rivals Online with Postings, Videos. <http://www.chicagotribune.com/news/local/breaking/ct-gangs-violence-internet-banging-met-20150814-story.html>

*Voice of America* (August 2015). Social Media Shows Best, Worst Sides in Journalist Shootings. <http://www.voanews.com/content/social-media-shows-best-worst-sides-in-journalist-shooting/2934257.html>

*News-Press* (August 2015). Facebook Video Prompts Fort Myers Police Patrols. <http://www.news-press.com/story/news/local/2015/08/18/facebook-video-mcgregor-crime-threat-todd-chrisp-fort-myers/31929331/>

*High Possibilities Classroom* (July 2015). Social Media: Cyber Banging, Emojis and Teenagers. <http://www.highpossibilityclassrooms.com/social-media-cyber-banging-emojis-and-teenagers/>

*Michigan Radio* (May 2015). Internet Banging: How Social Media is Fueling Gang Violence. <http://michiganradio.org/post/internet-banging-how-social-media-fueling-gang-violence#stream/0>

*Indianapolis Star* (March 2015). Why Beat Up Someone on Camera? To Be Famous. <http://www.indystar.com/story/opinion/columnists/erika-smith/2015/03/20/smith-beat-someone-camera-famous/25084621/>

*The Michigan Daily* (September 2014). Students Gather to Reflect on Ferguson Incident over the Summer. <https://www.michigandaily.com/news/students-gather-reflect-ferguson-incident-over-summer>

*Boston Magazine* (September 2013). From Tweets to the Streets: Gang Activity Starts Online and Leads to Violence. <http://www.bostonmagazine.com/news/2013/09/27/social-media-and-gang-violence-study-twitter/>

**PEER-REVIEWED PRESENTATIONS**

January 2019 *Accommodating Grief on Twitter*. Oral Presentation. Society for Social Work and Research Annual Conference, San Francisco, CA

May 2018 *New frontiers for artificial intelligence in psychiatry: From personalized health to community care*. American Psychiatric Association Annual Meeting, New York, NY.

January 2018 *Digital Urban Violence Analysis Approach*. Oral Presentation. Society for Social Work and Research Annual Conference, Washington, DC.

January 2017 *Gang violence on the digital street: A case study of a southside Chicago gang member’s Twitter communication*. Oral presentation. Society for Social Work and Research Annual Conference, New Orleans, LA.

January 2017 *Sticks, stones and Facebook accounts: What violence outreach workers know about social media and urban-based gang violence in Chicago*. Poster presentation. Society for Social Work and Research Annual Conference, New Orleans, LA.

December 2016 *Automatically processing tweets from gang-involved youth: Towards detecting loss and aggression*. COLING 2016: International Conference on Computational Linguistics, Osaka, Japan.

October 2016 *Using natural language processing and qualitative analysis to intervene in gang violence: A collaboration between social work researchers and data scientists*. Bloomberg Data for Good Exchange Conference, New York, NY.

November 2015 *Sticks, stones and Facebook accounts: What violence interrupters know about social media and urban-based gang violence in Chicago*. National Communication Association Annual Conference, Las Vegas, NV.

May 2015 *Decoding gang violence on the digital street.* Oral presentation. Fourth Annual L.A. Gang Prevention & Intervention Conference, Los Angeles, CA.

January 2015 *Innovations in social work research and practice with youth: The power of social media and technology*. Symposium Chair. Society for Social Work and Research Annual Conference, New Orleans, LA.

January 2015 *Gang violence, crime, and substance use on Twitter: A snapshot of gang communications in Detroit*. Oral presentation. Society for Social Work and Research Annual Conference, New Orleans, LA.

June 2014 *Lean on me: Black children’s school achievement*. Symposium Chair and oral presentation. Division 45 APA Research Conference, Eugene, OR.

March 2014 *Social media, gangs and youth violence*. Oral presentation. Sixth Annual Health Disparities Conference, Teacher’s College, Columbia University, New York, NY.

March 2014 *Recognizing collective efficacy on the ground*. Oral presentation. Urban Affairs Association, San Antonio, TX.

March 2014 *Reflections: Low-income African American adults reflecting on pivotal turning points during adolescence.* Symposium chair and oral presentation. Society for Research on Adolescence, Austin, TX.

May 2013 *Community violence, social media, and sexual risk-taking behaviors.*  Oral presentation, Second Annual Teen Pregnancy Grantee Conference. Administration on Children, Youth and Families/Youth and Families Service Bureau. Baltimore, MD.

May 2013 *Cognitive geocoding: African American males navigating community violence exposure and educational success*. Oral presentation. Society for Prevention Research, San Francisco, CA.

March 2013 *Cognitive geocoding: African American adolescent males navigating community violence*. Oral presentation. Fifth Annual Health Disparities Conference at Teachers College, Columbia University, New York, NY.

April 2013 *Internet banging* (with R. Eschmann). Oral presentation. Urban Affairs Association, San Francisco, CA.

April 2013 *Sensitivity and data collection: Interviewing African American males*. Oral presentation. American Men’s Studies Association, Ann Arbor, MI.

January 2010 *Community violence, student fear and academic achievement: African American males in the critical transition to high school*. Oral presentation. Society of Social Work and Research (SSWR), San Francisco, CA.

January 2009 *Neighborhood violence and the critical transition to high school*. Poster presentation. Society of Social Work and Research (SSWR), New Orleans, LA.

February 2008 *Black boys, community violence and urban education*. Oral presentation. Live Oak, Inc., Chicago, IL.

April 2004 *Gender and school achievement*. Oral presentation. Society for Applied Anthropology (SFAA), Dallas, TX.

**INVITED PRESENTATIONS**

May 2019 *Community Data Science Approaches to Gang Violence Prevention*. University of Illinois, Urban Champaign, School of Social Work.

April 2019 *Designing Contextually Drive AI Systems for Gun Violence Prevention with Chicago Youth*. Harvard Kennedy School.

March 2019 *Analyzing Context in Social Media Posts*. Data and Society. New York, NY.

March 2019 *Community Data Science Approaches to Gang Violence Prevention*. University of Buffalo School of Social Work

December 2018 *Can AI Reduce Gang Violence or Cause More Harm*. The National Academies Roundtable on Data Science Secondary Education. Washington, DC.

December 2018 *Community data science approaches to gang violence*. Brown Bag for the Connective Media Group, Cornell Tech, New York, NY.

November 2018 *Community data science approaches to gang violence*. School of Information Science, Cornell University, Ithaca, NY.

November 2018 *Community data science approaches to gang violence*. PRYDE, Department of Human Development, Cornell University, Ithaca, NY.

October 2018 *Community data science approaches to gang violence*. NYU Child Study Center—Grand Rounds, New York University, New York, NY.

October 2018 *Social media as a new mechanism for mass incarceration*. Symposium on the Law & Economics of Criminal Justice Reform, George Mason Antonin Scalia Law School, Fairfax, VA.

May 2018 *Contextual analysis of social media a qualitative approach to eliciting context in social media posts with natural language processing*. Society for Prevention Research, Washington, D.C.

April 2018 *Interpretation of social media data and ethical considerations*. The Berkman Klein Center for Internet & Society, Harvard University, Cambridge, MA.

April 2018 *Innovating gang violence prevention with qualitative analysis, natural language processing, & computer vision*. University of Missouri—St. Louis, St. Louis, MO.

March 2018 *Community-based approaches to detecting and predicting trauma and violence in Chicago using social media*. Columbia Population Research Center, Columbia University, New York, NY.

February 2018 *Violence on the digital street: Intervening in aggression and loss using qualitative analysis and machine learning*. Center for Research on Computation and Society, Harvard University, Cambridge, MA.

December 2017 *When twitter fingers turn to trigger fingers: using qualitative analysis and natural language processing to prevent social media-related gang violence.* Race, Politics, and Social Media: A Symposium, Boston University, Boston, MA.

December 2017 *Identifying signals of violent content on social media.* Webinar. Teen Cancer Research Conference, Atlanta, GA.

November 2017 *When Twitter fingers turn to trigger fingers*. 2017 Bicentennial Symposium, University of Michigan Institute for Social Research, Ann Arbor, MI.

October 2017 *Innovating gang violence prevention*. Workshop: Social Media, Mobile Technology, and Youth Risk Behaviors. National Institutes of Health (NIH) Office of Behavioral and Social Sciences Research, Washington, DC.

October 2017 *Gang violence intervention work in the SAFElab.* Dean’s Lecture. University of Texas—Austin School of Social Work, Austin, TX.

October 2017 *Grieving on the digital street*. AI for Social Good: Setting the Agenda. University of Southern California’s Center for Artificial Intelligence in Society, Los Angeles, CA.

September 2017 *Transdisciplinary gang violence prevention.* Community Health Sciences: Defining the Field. Boston University’s School of Public Health Symposium, Boston, MA.

August 2017 *Innovating gang violence prevention with qualitative analysis and natural language processing*. University of Chicago Urban Labs—Crime Lab, Chicago, IL.

August 2017 *Social media and gang violence.* Digital Mental Health Conference, London, England.

July 2017 *Human-centered design and storytelling for gang violence prevention*. Microsoft Hackathon, Redmond, WA.

July 2017 *Innovating gang violence prevention with qualitative analysis and natural language processing*. 15th Annual Workshop: Interrogating the Intersections of Race, Crime and Technology. Rutgers University’s Center for Law and Justice, Newark, NJ.

June 2017 *Grief, aggression, and violence prevention*. Harmful Speech Online: At the Intersection of Algorithms and Human Behavior. Harvard University, Cambridge, MA.

June 2017 *When Twitter fingers turn to trigger fingers*. Kid Culture Keynote and Workshop. Center for Integrated Arts Education, University of Northern Colorado, Greeley, CO.

May 2017 *Roots of trauma*. Grand Rounds Presentation. New York Presbyterian Hospital/Westchester, White Plains, NY.

May 2017 *Innovating gang violence prevention*. Speaker. Munk School of Global Affairs. University of Toronto, Toronto, Ontario.

April 2017 *Innovating gang violence prevention*. Keynote Speaker. Computational Research Day. Northwestern University, Chicago, IL.

April 2017 *Twitter and gang violence prevention.* Speaker. Center for Artificial Intelligence and Society. University of Southern California, Los Angeles, CA.

March 2017 *They are children: How posts on social media lead to gang violence*. TEDxBroadway 2017, New York, NY.

March 2017 *Social media and gang violence prevention.* Keynote Speaker. Boston Design Museum, Boston, MA.

February 2017 *Innovating gang violence prevention*. Keynote Speaker. University of Alabama School of Social Work, Tuscaloosa, AL.

November 2016 *Gang violence on the digital street*. Speaker. University of Chicago School of Social Service Administration, Chicago, IL.

November 2016 *Intervening in gang violence using qualitative analysis and natural language processing*. Keynote speaker. Rush University Medical School, Chicago, IL.

October 2016 *Internet banging*. Keynote speaker. Justice Codes Symposium at John Jay College, New York, NY.

May 2016 *Twitter as a tool for youth violence prevention*. Speaker. Columbia School of Social Work Alumni Conference, New York, NY.

May 2016 *Gang violence on social media*. Speaker. Quattrone Center. University of Pennsylvania Law School, Philadelphia, PA.

April 2016 *Innovating gang violence with data science*. Speaker. Data Science Institute, Columbia University, New York, NY.

April 2016 *Twitter as a tool for undergraduate research on youth violence*. Keynote speaker. Prairie View A&M University, Prairie View, TX.

March 2016 *Twitter as tool for youth violence prevention*. Keynote speaker. Social Work Month, Harlem Hospital, New York, NY.

February 2016 *Twitter as a tool for activism*. Presentation and interview. University of Michigan School of Social Work, Ann Arbor, MI.

December 2015 *Social media, youth and school-based mental health services*. Keynote speaker. Manhattan Borough President’s Conference on Mental Health, New York, NY.

November 2015 *Youth violence on social media*. Speaker. Columbia University Policy Forum for Elected and Appointed Officials, New York, NY.

October 2015 Panel member. Race, Ethnicity and University Life Panel, Columbia University, New York, NY.

November 2014 *Digital contagion of youth violence on Twitter*. Oral presentation. Fauri Memorial Conference, School of Social Work, University of Michigan, Ann Arbor, MI.

October 2014 *Social media and violent behavior*. Oral presentation. Research Center for Group Dynamics, Institute for Social Research, University of Michigan, Ann Arbor, MI.

May 2014 *Social media and gang violence: Strategies for violence reduction*. Oral presentation. L.A. Gang Violence Prevention and Intervention Conference, Los Angeles, CA.

March 2014 *Youth violence strategies*. Panel presentation. 27th Annual Minority Health Conference, University of Michigan School of Public Health, Ann Arbor, MI.

October 2012 *Connected, known and protected: African American adolescent males navigating community violence*. Speaker. First Congregational Church of Glen Ellyn, Glen Ellyn, IL.

**FUNDING AWARDED**

2019 National Science Foundation ( NSF)

 RAISE: C-Accel Pilot- Track B2 ( National Talent Ecosystem Fostering a Diverse AI Workforce

 Co-Principal Investigator

 Direct Costs: $544, 614

2018-19 **Oculus/ Facebook (Gift)**

 Justice, Equity and Technology Lab

 Co- Principal Investigator

 Direct Costs: $300,000

2018 **Microsoft (Gift)**

 VR for Healthy Social Media Use and Bias Training

 Principal Investigator

 Direct Costs: $38,000

2018 **Collaboratory Fellowship Fund**

 *Data Science for Social Good- A Collaborative Course for Social Work and Data*

 *Science*

 Principal Investigator

 Direct Costs: $149,000

2018 **Institute for Social and Economic Research. Columbia University**

 *Critical Internet Studies Workshop*

 Co- Principal Investigator

 Principal Investigator: Alondra Nelson

 Direct Costs: $7,860

2018 **Columbia University Population Research Center**

 Innovating Youth Gang Violence Prevention with Natural Language Processing and Qualitative Analysis

 Principal Investigator

 Award Amount: $14,250

2017 **Precision Science and Society, Columbia University**

 *Intervening in Digital Grief with Artificial Intelligence*

 Principal Investigator

 Award Amount: $7,500

2017 **Defense Advanced Research Project Agency (DARPA), United States Department of Defense**

*Pathways to Recruitment: Identifying and Comparing Social Indicators and Recruitment in a Chicago Twitter Data Set*

 Sub-award PI

 Principal Investigator: Pedro Szekely, University of Southern California

 Award Amount: $548,000

2017 **MAGIC Grant- Brown Institute, Columbia Journalism School**

 *Beyond the Bullets*

 Principal Investigator

 Award Amount: $20,000

2017 **School of Social Work, University of Connecticut, Dean’s Award**

*Understanding aggressive social media interactions among youth living in violent neighborhoods*

Co- Investigator

Award Amount: $4,000

2017 **InCHIP, University of Connecticut, Junior Faculty Seed Grand**

*Understanding aggressive social media interactions among youth living in violent neighborhoods*

Co-Investigator

Award Amount: $7,500

2017 **University of Connecticut, Research Excellence Program**

*Understanding aggressive social media interactions among youth living in violent neighborhoods*

Co-Investigator

Award Amount: $50,000

2016 **National Institute of Child Health and Human Development**

 *Exposure to Violence and Subsequent Weapons Use: Mediating and Moderating Processes* 1R01HD084652-01A1

Principal Investigators: Dubow& Huesmann, University of Michgan

 Consultant

 Award Amount: $1,200,000

2016 **ROADS Provost Ignition Grant, Data Science Institute, Columbia University**

 *Natural Language Processing Tools for Gang Violence Prevention*

 Principal Investigator

Award Amount: $100,000

 **Renewed for $50,000 for 2017-2018**

2015 **Provost’s Grants for Junior Faculty Who Contribute to the Diversity** **Goals of the University, Columbia University**

 *Innovating Gang Violence with Data Science and Qualitative Analysis.*

Principal Investigator

 Award Amount: $25,000

2014 **Loan Repayment Program, National Institute on Minority Health and Health Disparities, National Institutes of Health**

 *Exploring the Social Media Behaviors of Black Male Gang Members in Chicago: Is Internet Banging a Vector of Fatal and Nonfatal Violence?*

Award Amount: $56,530.09

2014 **Michigan Institute for Clinical & Health Research (MICHR), University of Michigan**

 *Detroit Violence Prevention Partnership (DVPP)*

Principal Investigator

Award Amount $35,000

2014 **Office of the Vice President for Research (OVPR), University of Michigan**

 *Internet Banging*

Principal Investigator

Award Amount*:* $15,000

2014 **Transforming Learning for a Third Century Quick Wins, Office of the Provost, University of Michigan**

 *A Proposal for Student Engagement in the Create of a Model for Enhancing Preparation for Effective Social Work Services to African American Families*

 Principal Investigator: Leslie Hollingsworth

Award Amount: $25,000

2012 **Northwestern University**

*Lowering Incidence of Violence and Death in Chicago (LIVID)*

Co-Principal Investigator

Award Amount: $1,500

FUNDING APPLICATIONS UNDER REVIEW

2018 **National Institute of Child Health and Human Development (NICHD), National Institutes of Health**

 *Innovating Gang Violence Prevention with Qualitative Analysis and Natural Language Processing*

 Principal Investigator

 Direct Costs: $1,574,398- **Scored** (July 2017)

 Resubmission: July 2018

2018 **National Science Foundation (NSF)**

 *Trustworthy AI Expedition*

 Principal Investigator: Wing

 Direct Costs: 10,000,000

TEACHING EXPERIENCE

* Advocacy (Columbia University)
* Contemporary Social Issues (Columbia University)
* Social Work Practice with Children and Youth (University of Michigan)
* Social Work Practice with Communities and Social Systems (University of Michigan)
* Injury and Public Health (Northwestern University)
* Public School Systems and Service Populations (University of Chicago)

**ADVISING**

**University of Michigan**

Adrian Gale (PhD, Committee)

Abigail Williams (PhD, Committee)

**Columbia University**

Savannah Badalich ( Masters, Human Rights, Sponsor)

Miriam McKinney ( Masters, Quantitative Methods, Sponsor)

Michelle Silverman ( PhD, Teachers College, 2nd Reader)

Laura Vargas ( PhD, School of Social Work, Committee)

PROFESSIONAL & UNIVERSITY SERVICE

2015 – 2017 **Member**, Advisory Committee, Cure Violence, Chicago, IL. <http://www.cureviolence.org>

2015 – Present **Member**, Advisory Committee, Office of Sponsored Projects, School of Social Work, Columbia University, New York, NY.

2015– Present **Member**, Advanced Generalist Practice and Programming Committee, School of Social Work, Columbia University, New York, NY.

2016 – present **Member**, Computational Social Science Working Group, Data Science Institute, Columbia University, New York, NY. <http://datascience.columbia.edu/computational-social-science>

2016 – present **Member**, Faculty Search Committee, School of Social Work, Columbia University, New York, NY.

2015 – present **Faculty Affiliate**, Data Science Institute, Columbia University, New York, NY. <http://datascience.columbia.edu/>

2015 – present **Faculty Affiliate**, Social Intervention Group (SIG), Columbia University, New York, NY. <http://sig.columbia.edu/>

2015 – present **Member**, Outcomes Committee, School of Social Work, Columbia University, New York, NY.

2015 – 2016 **Member**, Task Force on Race, Diversity, and Inclusion, Office of University Life, Columbia University, New York, NY. <http://universitylife.columbia.edu/community-citizenship/task-forces>

2013 – 2015 **Member**, Student Relations Advisory Committee of the Faculty Senate Assembly, University of Michigan, Ann Arbor, MI. <https://facultysenate.umich.edu/senate-assembly/committees/student-relations-advisory-committee-srac/>

2012 – 2015 **Member**, Multicultural and Gender Affairs Committee, School of Social Work, University of Michigan, Ann Arbor, MI.

2012 – 2015 **Faculty Affiliate**, University of Michigan Injury Center, Ann Arbor, MI. <http://www.injurycenter.umich.edu/>

2012 – 2015 **Faculty Affiliate**, Youth Violence Prevention Center, University of Michigan School of Public Health, Ann Arbor, MI. <http://yvpc.sph.umich.edu/>

2012 – 2015 **Faculty Affiliate**, Detroit Urban Research Center, University of Michigan School of Public Health, Ann Arbor, MI. <http://www.detroiturc.org/>

PROFESSIONAL MEMBERSHIPS

Academy of Violence and Abuse

National Association of Social Workers

Society for Research on Adolescence

Society for Social Work and Research

**OTHER**

**Reviewer and Signer for brief to U.S. Supreme Court**, Brief for Data & Society Research Institute et al. as Amici Curiae Supporting Petitioner, Carpenter v. United States, No. 16-402 (U.S. Aug 11, 2017), 2017 WL 3530957.