

KATHRYN C. SEIGFRIED-PELLAR, PHD, MA

School of Criminal Justice, Michigan State University, Baker Hall, 655 Auditorium Rd, East Lansing, MI 48824
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EDUCATION

2011 *PhD in Technology* (Cognates: Cyberforensics, Psychology), Purdue University
2007 *MA in Forensic Psychology*, John Jay College of Criminal Justice, City University of New York
2005 *Bachelor of Arts* with Highest Distinction, Double Major: Psychology, Law and Society
Double Minor: Forensic Science, English, Purdue University

ACADEMIC POSITIONS

2025–Present Professor, School of Criminal Justice, Michigan State University
2024–2025 Professor, Department of Computer & Information Technology, Purdue University
2019–2024 Associate Professor, Department of Computer & Information Technology, Purdue University
2015–2019 Assistant Professor, Department of Computer & Information Technology, Purdue University
2012–2015 Assistant Professor, Department of Criminal Justice, The University of Alabama
2012 Adjunct Faculty, Department of Criminal Justice, Seattle University

VISITING FELLOWSHIPS

2025–Present Global Data Fellow, Childlight – Global Child Safety Institute, University of Edinburgh, UK
May–July 2024 International Fellow, University of Adelaide, South Australia, Australia
June–July 2021 Visiting Professor, The University of Valencia, Spain

OTHER APPOINTMENTS

2025–Present Special Deputy, Ingham County Sheriff's Department, Mason, MI USA
2015–2025 Special Investigator, Tippecanoe County Prosecutor's Office, High Tech Crime Unit
(Sworn Law Enforcement), Lafayette, IN USA

HONORS AND RECOGNITION

2023 *Jefferson Awardee*

- Collaboration between Purdue University and Multiplying Good to celebrate community engagement and public service. Recognized for my work combatting internet crimes against children.

2022 *Fulbright Scholar Awardee*, 2022–2023 Fulbright U.S. Scholar Program

- Awarded a 3.5-month research position at the University Research Institute of Criminology and Criminal Science, University of Valencia for the project, "Analyzing Criminological Differences and Online Grooming Strategies of Child Sex Offenders in Spain."

2022 *University Faculty Scholar*, Purdue University

- Recognizes outstanding mid-career faculty on an accelerated path for academic distinction.

2022 *Outstanding Early Career Achievement in Forensic Science*, American Academy of Forensic Sciences

- Voted by the Past Presidents Council of the American Academy of Forensic Sciences; this award acknowledges leadership and outstanding achievement through contributions that have served to advance forensic science and its application to the legal system in a manner that promotes professionalism integrity, competency, education, research, practice, and collaboration.

2021 *Societal Impact Fellow*, Office of Engagement, Purdue University

- 2018 *Outstanding Research Award*, Digital and Multimedia Sciences section, 70th Annual Scientific Meeting of the American Academy of Forensic Sciences
- “Assessing the Psychological Well-Being and Coping Mechanisms for Law Enforcement Investigators and Digital Forensic Examiners of Child Pornography Investigations”
- 2017 *The John P. Lisack Early-Career Engagement Award*, Purdue Polytechnic
- Received the John P. Lisack Early-Career Engagement 2016-2017 Award for my engagement work within the law enforcement digital forensics community
- 2016 *Outstanding Research Award*, Digital and Multimedia Sciences section, 68th Annual Scientific Meeting of the American Academy of Forensic Sciences
- “Assessing the relationship between individual differences and child pornography image preferences in an internet sample of child pornography consumers”
- 2015 *Outstanding Research Award*, Digital and Multimedia Sciences section, 67th Annual Scientific Meeting of the American Academy of Forensic Sciences
- “Assessing the relationship between Asperger syndrome, hacking, identity theft, virus-writing and cyberbullying”
- 2014 *Best Paper Award*, International Organization of Social Sciences and Behavioral Research Fall 2014 Conference
- “Peer attachment, sexual experiences, & risky online behaviors as predictors of sexting behaviors among undergraduate students”
- 2013 *Runner-up Best Paper Award*, 5th International Conference on Digital Forensics & Cyber Crime (ICDF2C) in Moscow, Russia
- “Distinguishing the viewers, downloaders, and exchangers of internet child pornography by individual differences: Preliminary findings”
- 2013 *Outstanding Research Award*, Digital and Multimedia Sciences section. 64th Annual Scientific Meeting of the American Academy of Forensic Sciences
- “Applied predictive behavioral modeling: The role of behavioral sciences in digital forensics”
- 2012 *Runner-up Best Paper Award*, 4th International Conference on Digital Forensics & Cyber Crime
- “Measuring the preference of image content for self-reported consumers of child pornography”

SCHOLARSHIP

BOOK

- Holt, T., Bossler, A., & Seigfried-Spellar, K. C. (2022). *Cybercrime and Digital Forensics: An Introduction* (3rd ed, 812 pages). London, UK: Routledge. doi.org/10.4324/9780429343223
- 2nd edition published in 2017 (754 pages) doi.org/10.4324/9781315296975
 - 1st edition published in 2015 (500 pages) doi.org/10.4324/9781315777870

EDITED BOOK

- Rogers, M. K. & Seigfried-Spellar, K. C. (Series Eds.). (2013). Digital forensics and computer crime. *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, Vol. 114. New York: Springer.

BOOK CHAPTERS

- Seigfried-Spellar, K. C., & Soldino, V. (2019). Child sexual exploitation: Introduction to a global problem. In T. Holt & A. Bossler, *The Palgrave Handbook of International Cybercrime and Cyberdeviance*. (pp. 1-21). Palgrave

Macmillan, Cham.

Seigfried-Spellar, K. C. (2018). Deviant Pornography Use: Linkages to Individual Differences and Early-Onset Adult Pornography Use. In Z. Yang (Ed.), *Analyzing Human Behavior in Cyberspace*. (pp. 210-235). IGI Global.

Seigfried-Spellar, K. C. & Leshney, S. C. (2015). The intersection between social media, crime, and digital forensics: #WhoDunIt? In J. Sammons (Ed.), *Information Security and Digital Forensics Threatscape*. (pp. 59-67). Waltham, MA: Syngress.

Dolliver, D. S. & Seigfried-Spellar, K. C. (2014). Legal, forensic, and criminological aspects of cyberterrorism. In E. Plywaczewski (Ed.), *Current Problems of the Penal Law and Criminology*: Wolters Kluwer Publishing House.

Seigfried-Spellar, K. C., Lovely, R.W., & Rogers, M. K. (2011). Self-reported internet child pornography consumers: A personality assessment using Bandura's theory of reciprocal determinism. In K. Jaishankar (Ed.), *Cyber Criminology: Exploring Internet Crimes and Criminal Behavior* (pp. 65-77). Boca Raton, FL: Taylor and Francis.

Rogers, M. K. & Seigfried-Spellar, K. C. (2011). Internet child pornography: Legal issues and investigative tactics. In T. Holt (Ed.), *Crime On-Line: Correlates, Causes, and Context*. (pp. 113-132). Durham, NC: Carolina Academic Press.

JOURNAL (Guest Editor)

Westlake, B., Seigfried-Spellar, K., Brewer, R., Napier, S., Logos, K., & Davidson, J. (Eds.) (2024) Proceedings from the 1st Annual Child Sexual Abuse Reduction Research Network Workshop [Special issue]. *Child Abuse & Neglect*, 153. <https://www.sciencedirect.com/special-issue/10GQNWTTKFV>

Westlake, B., Seigfried-Spellar, K., Brewer, R., Napier, S., Logos, K., & Davidson, J. (2024). Innovations from the launch of the Child Sexual Abuse Reduction Research Network [Foreword]. 1st Annual Child Sexual Abuse Reduction Research Network Workshop [Special issue]. *Child Abuse & Neglect*, 153. 10.1016/j.chiabu.2024.106999

JOURNALS

Under Review:

Coblentz E.G., Allen A.Z., Nagalla A., Cooley J., St. Denis J., DeMaria A.L. & Seigfried-Spellar K.C. (Under Review). *Training salon professionals to address intimate partner violence and sex trafficking: Results from a mixed-methods pilot study in Indiana*.

Uppala, S. L., Seigfried-Spellar, K. C., Li, T., & Parsons, P. C. (Under Review). *Predicting response to dark patterns based on individual differences*.

Vempati, A., Seigfried-Spellar, K. C., Rogers, M. K., & Ringenberg, T. (Under Review). *Cyberaggression outside the workplace and poor offline social support predict insider threat behaviors*.

Revise & Resubmit:

Tyagi, S. & Seigfried-Spellar, K. C. (Under Review). A Behavioral Health Needs Assessment and General Psychological Well-Being of Image, Audio, and Video Digital Forensic Examiners. *Journal of Forensic Sciences*.

Published:

Hughes-Wegner, A. T., Coblentz, E. G., Allen, A. Z., Renke, L., Zickmund, H., Freduenthal, B., Yohman, S., DeMaria, A. L., & Seigfried-Spellar, K. C. (2025). Voices behind the chair: Training needs in addressing sex trafficking and intimate partner violence among Indiana salon professionals. *Journal of Interpersonal Violence*.

Accepted for publication.

Hughes-Wegner, A. T., DeMark, M. R., Seigfried-Spellar, K. C., & DeMaria, A. L. (2024). Empowering Salon Professionals: A Needs Assessment to Understand Training Preferences and Strategies for Addressing Sex Trafficking and Violence. *Journal of Human Trafficking*. <https://doi.org/10.1080/23322705.2024.2409619>

Hughes-Wegner, A. T., DeMaria A. L., Schwab Reese, L. M., Bolen, A., DeMark, M., Ucpinar, K., & Seigfried-Spellar, K. C. (2024). Exploring the role of salon professionals in identifying sex trafficking and violence victims in Indiana. *BMC Public Health*, 24, 1-12.

Soldino, V. & Seigfried-Spellar, K. C. (2024). Criminological differences between contact and online-focused suspects in online child sexual grooming police reports. *Child Abuse & Neglect*. 149, 106696.

Ringenberg, T. R., Seigfried-Spellar, K. C., & Rayz, J. T. (2024). Assessing differences in grooming stages and strategies in decoy, victim, and law enforcement conversations. *Computers & Human Behavior*. Advanced Online Publication.

Desmet, O. A., Crimmins, D. M., Flewellen, G. & Seigfried-Spellar, K. C. (2023). Students' Perceptions of a Cyber Enrichment Program. *Gifted Child Today*, 46(4), 266-272.

Rightley, C. E., Seigfried-Spellar, K. C., & Rogers, M. K. (2023). Revisiting the Computer Crime Index-Revised (CCI-R): Assessing individual differences and cyberdeviant behavior two decades later. *International Journal of Cyber Criminology*, 17(1), Jan-June 2023. Advanced Online Publication.

DeMaria, A. L., Meier, S., King, H., Sidorowicz, H., Seigfried-Spellar, K. C., & Schwab Reese, L. (2023). The role of community healthcare professionals in discussing sexual assault experiences during obstetrics and gynecological healthcare appointments. *BMC Women's Health*. 23(263), 1-13.

Laux, C., Seigfried-Spellar, K. C., Lint, G., & Guerra, L. M. (2023). Applying risk assessment principles to the sex trafficking process: A feasibility study. *Systems Engineering*. 26(3), 1-11.

Bowling, H., Seigfried-Spellar, K., Karabiyik, U., & Rogers, M. (2023). We are meeting on Microsoft Teams: Forensic Analysis in Windows, Android and iOS Operating Systems. *Journal of Forensic Sciences*, 68, 434.

- Awarded by the JFS Associate Editors and Editor-in-Chief as a 2023 JFS Noteworthy Article

Wilson, N., & Seigfried-Spellar, K. C. (2023). Cybervictimization, Social, and Financial Strains Influence Internet Trolling Behaviors: A General Strain Theory Perspective. *Social Science Computer Review*, 41(3), 967–982.

Ringenberg, T., Seigfried-Spellar, K. C., Rayz, J. M., & Rogers, M. K. (2022). A Scoping Review of Child Grooming Strategies: Pre- and Post-Internet. *Child Abuse & Neglect*, 123, 1-12.

Seigfried-Spellar, K. C., Laux, C., & Mentzer, N. (2022). Integrating a Human Centered Design Approach in a Human Trafficking Hackathon. *Irish Journal of Academic Practice (IJAP)*. 10(1), 1-12.

Gilbert, A. K., & Seigfried-Spellar, K. C. (2022). Forensic Discoverability of iOS Vault Applications. *Journal of Digital Forensics, Security & Law*, 17(1), 1-12.

Desmet, O. A., Crimmins, D. M., Seigfried-Spellar, K. & Gentry, M. (2022). AME+Cyber: Evaluating the Online Delivery of a Holistic Cyber-Related Talent Development Program. *Gifted Education International*. 38(1), 3-24.

Rogers, M. K., Seigfried-Spellar, K. C., Bates, S., & Rux, K. (2021). Online child pornography offender risk assessment using digital forensic artifacts: The need for a hybrid model. *Journal of Forensic Sciences*, 66, 2354.

- Soldino, V., Carbonell-Vayá, E. J., & Seigfried-Spellar, K. C. (2021). Spanish Validation of the Child Pornography Offender Risk Tool (CPORT). *Sexual Abuse*, 33(5), 503-528.
- Ringenberg, T. R., Seigfried-Spellar, K. C., Rayz, J.M. (2021). Implications of using internet sting corpora to approximate underage victims. *Finding of the Association of Computational Linguistics (ACL): ACL 2021*, 3645-3656.
- Phan, A., Choo, R., & Seigfried-Spellar, K. C. (2021). Threaten Me Softly: A Review of Potential Dating App Risks. *Computers in Human Behavior Reports*, 3, 1-12.
- Soldino, V., Carbonell-Vayá, E. J., & Seigfried-Spellar, K. C. (2019). Criminological differences between child pornography offenders arrested in Spain. *Child Abuse & Neglect*, 98, 1-18.
- Seigfried-Spellar, K. C., Rogers, M. K., Rayz, J.T., Yang, S., Misra, K., & Ringenberg, T. (2019). Chat Analysis Triage Tool: Differentiating Chats between Minors and Contact-Driven vs. Non-Contact Driven Child Sex Offenders. *Forensic Science International*. 297, e8-e10.
- Chiu, M. M., Seigfried-Spellar, K. C., & Ringenberg, T. R. (2018). Detecting Contact vs. Fantasy Online Sexual Offenders in Chats with Minors: Statistical Discourse Analysis of Self-Disclosure and Emotion Words. *Child Abuse & Neglect*, 81, 128-138.
- Gabet, R. M., Seigfried-Spellar, K. C., & Rogers, M. K. (2018). A Comparative Forensic Analysis of Privacy Enhanced Web Browsers and Private Browsing Modes of Common Web Browsers. *International Journal of Electronic Security and Digital Forensics*, 10(4), 356-371.
- Seigfried-Spellar, K. C., & Lankford, C. (2018). Personality and Online Environment Factors Differ for Posters, Trolls, Lurkers, and Confessors on Yik Yak. *Personality and Individual Differences*, 124, 54-56.
- Seigfried-Spellar, K. C. (2018). Assessing the Psychological Wellbeing and Coping Mechanisms of Law Enforcement Investigators vs. Digital Forensic Examiners of Child Pornography Investigations. *Journal of Police and Criminal Psychology*, 33(3), 215-226.
- Seigfried-Spellar, K. C., & Chowdhury, S. S. (2017). Death and Lulz - Understanding the Personality Characteristics of RIP Trolls. *First Monday*, 22(11), 1-12.
- Crimmins, D. M., & Seigfried-Spellar, K. C. (2017). Adults who Sext: Exploring Differences in Self-Esteem, Moral Foundations, and Personality. *International Journal of Cyber Criminology: Special Issue on Sexting*, 11(2), 169-182.
- Seigfried-Spellar, K. C., Vukadinović, N. V., & Lynam, D. R. (2017). Computer Criminal Behavior is Related to Psychopathy and Other Antisocial Behavior. *Journal of Criminal Justice*, 51, 67-73.
- Seigfried-Spellar, K. (2016). Deviant pornography use: The role of early-onset adult pornography use and individual differences. *International Journal of Cyber Behavior, Psychology and Learning*, 6(3), 34-47.
- Losavio, M., Seigfried-Spellar, K. C., & Sloan, J. (2016). Why Digital Forensics is Not a Profession and How It Can Become One. *Criminal Justice Studies*, 29(2), 143-162.
- Zezulka, L. A., & Seigfried-Spellar, K. C. (2016). Differentiating Cyberbullies and Internet Trolls by Personality Characteristics and Self-Esteem. *Journal of Digital Forensics, Security and Law: Special Issue on Cyberharassment*, 11(3), 7-26.
- Seigfried-Spellar, K., O'Quinn, C., & Treadway, K. (2015). Assessing the relationship between autistic traits and cyberdeviancy in a sample of college students. *Behaviour & Information Technology*. 34(5), 533-542.

Seigfried-Spellar, K. (2014). Distinguishing the viewers, downloaders, and exchangers of internet child pornography by individual differences: Preliminary Findings. *Digital Investigation*, 11(4), 252-260.

Rogers, M. K. & Seigfried-Spellar, K. C. (2014). Using internet artifacts to profile a child pornography suspect. *Journal of Digital Forensics, Security and Law*, 9(1), 57-66.

Crimmins, D.M. & Seigfried-Spellar, K. (2014). Peer attachment, sexual experiences, & risky online behaviors as predictors of sexting behaviors among undergraduate students. *Computers in Human Behavior*, 32, 268-275.

Seigfried-Spellar, K. C. & Treadway, K.N. (2014). Differentiating hackers, identity thieves, cyberbullies, and virus writers by college major and individual differences. *Deviant Behavior*, 35(10), 782-803.

Seigfried-Spellar, K. C. (2013). Individual differences of internet child pornography users: Peculiar findings in a community-based study. *International Journal of Cyber Criminology*, 7(2), 141-154.

Seigfried-Spellar, K. C. & Rogers, M. K. (2013). Does deviant pornography use follow a guttman-like progression? *Computers in Human Behavior*, 29, 1997-2003.

Seigfried-Spellar, K. & Rogers, M. (2010). Low neuroticism and high hedonistic traits for female internet child pornography consumers. *Cyberpsychology, Behavior, and Social Networking*, 13(6), 629-635.

Seigfried, K., Lovely, R., & Rogers, M. (2008). Self-reported Internet child pornography users: A psychological analysis. *International Journal of Cyber Criminology*, 2(1), 286-297.

Rogers, M., Seigfried, K., & Tidke, K. (2006). Self-reported computer criminal behavior: A psychological analysis. *Digital Investigation*, 3, 116-120.

Rogers, M. & Seigfried, K. (2004). The future of computer forensics: A needs analysis survey. *Computers & Security*, 23, 12-16.

CONFERENCE PROCEEDINGS

Ringenberg, T., Seigfried-Spellar, K. C., & Rayz, J. (2024). Are You a Cop? Avoiding Suspicion in Internet Stings with Online Groomers. Proceedings of the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). *Child Abuse and Neglect*. 154. Advance Online Publication.

Seigfried-Spellar, K. C., Rogers, M. K., Matulis, N., & Heasley, J. (2024). Testing a hybrid risk assessment model: Predicting CSAM offender risk from digital forensic artifacts. Proceedings of the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). *Child Abuse and Neglect*. 154. Advance Online Publication.

Santopietro, M., Guest, R., Seigfried-Spellar, K. C., & Elliott, S. (2024). A Multi-factor Knuckle and Nail bed Verification Tool for Forensic Imagery Analysis. Proceedings of the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). *Child Abuse and Neglect*. 154. Advance Online Publication.

Shao, D. & Seigfried-Spellar, K. C. (2023). Digital Self-Harm: Examining Emotionally Unstable Personality Traits and Non-Suicidal Self-Injury as Predictors. 26th CyberPsychology, CyberTherapy and Social Networking Conference (CYPSY26), *Annual Review of Cybertherapy and Telemedicine*. 21, 124-131.

Ringenberg, T., Rayz, J., & Seigfried-Spellar, K. (2021, June). *Uncertainty to Avoid Entrapment: Comparing Internet Stings to Real Victim Conversations*. Proceedings of the North American Fuzzy Information Processing Society (NAFIPS). 355-367.

Ringenberg, T., Rayz, J., & Seigfried-Spellar, K. (2020, August). *Using Fuzzy Sets to Assess Differences in Online Grooming Conversations with Victims, Decoys, and Law Enforcement*. Proceedings of the North American Fuzzy Information Processing Society (NAFIPS). 171-182.

Seigfried-Spellar, K. C., Chen, K. & Gwozdz, M. B. (2020, June). “Thanks, But No Thanks:” Examining the Personality Characteristics of Digital Catcallers. Proceedings of the 25th Annual CyberPsychology, CyberTherapy and Social Networking Conference (CYPSY25), Milan, Italy: June 22-24, 2020.

Ringenberg, T., Misra, K., Seigfried-Spellar, K. C., & Rayz, J. T. (2019). Exploring Automatic Identification of Fantasy-Driven and Contact-Driven Sexual Solicitors. Proceedings of the 2019 Third IEEE International Conference on Robotic Computing. Naples, Italy: February 25-27, 2019.

Hansen, R. A., Seigfried-Spellar, K. C., Lee, S., Chowdhury, S., Abraham, N., Springer, J. A., Yang, B., & Rogers, M. K. (2018). File Toolkit for Selective Analysis & Reconstruction (FileTSAR) for Large-Scale Networks (pp. 3059-3065). 2018 IEEE International Conference on Big Data. Seattle, WA: December 10-13, 2018.

Seigfried-Spellar, K. C., Rogers, M. K., & Crimmins, D. M. (2017). Development of A Professional Code of Ethics in Digital Forensics (vol. 12, pp. 135-144). *Annual ADFS Conference on Digital Forensics, Security and Law*. Daytona Beach, FL: May 15-16, 2017.

Seigfried-Spellar, K. C., Flores, B. M., & Griffin, D. J. (2015). Explanatory Case Study of the Authur Pendragon Cyber Threat: Socio-Psychological & Communication Perspectives. In J. James & F. Breitingner (Eds.), *Digital Forensics and Computer Crime: Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering* (vol. 157, pp. 143-175). New York, NY: Springer International Publishing.

Seigfried-Spellar, K. C. (2013). Measuring the Preference of image Content for Self-Reported Consumers of Child Pornography. In M. Rogers & K. Seigfried-Spellar (Eds.), *Digital Forensics and Computer Crime: Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering* (vol. 114, pp. 81-90). New York, NY: Springer International Publishing.

Seigfried-Spellar, K. C., Bertoline, G.R., & Rogers, M. K. (2012). Internet child pornography, U.S. sentencing guidelines, and the role of internet service providers. In P. Gladyshev & M. Rogers (Series Eds.), *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, Vol. 88. *Digital forensics and cyber crime* (pp. 17-32). New York: Springer.

INVITED SCHOLARLY PRESENTATIONS

Seigfried-Spellar, K. C. (2024, October 24). *An Interdisciplinary Approach to Understanding Online Child Sexual Exploitation Offenders*. Presentation for the Hill-Lopes Scholars Program at Towson University. Baltimore, MD.

Seigfried-Spellar, K. C. (2024, July 10). “Who Are Your Kids Talking To? An Interdisciplinary Approach to Understanding Online Child Sexual Exploitation Offenders. Technology and Human Behaviour Seminar Series, University of Adelaide, South Australia.

Seigfried-Spellar, K. C. (2024, May 9). *Improving Effectiveness of UC Chats with Online Child Sex Offenders*. Undercover Chat Investigations Roundtable. Virtual Presentation: May 9, 2024.

Seigfried-Spellar, K. C. (2024, January 24). “Who Are Your Kids Talking To? An Interdisciplinary Approach to Understanding Online Child Sexual Exploitation Offenders. Purdue University President’s Westwood Lecture Series, Purdue University: West Lafayette, IN.

Seigfried-Spellar, K. C. (2024, January 11). *Chat Analysis Triage Tool: Analyzing Sex Offender Chats & Biometrics: Update*. ICAC Task Force Commander Meeting, Savannah, GA: January 10-11, 2024.

Seigfried-Spellar, K. C. (2023, December 6). *Chat Analysis Triage Tool & Improving Effectiveness of UC Chats with Online Child Sex Offenders*. Australian Covert Online Investigator’s Working Group, Queensland Police Headquarters, Brisbane, Australia.

Seigfried-Spellar, K. C. (2023, August 17). *Improving Effectiveness of UC Chats with Child Sex Offenders*. North Florida

ICAC Task Force, August Quarterly Meeting. Virtual Workshop: August 17, 2023.

Seigfried-Spellar, K. C. (2023, March 23). *Chat Analysis Triage Tool: Analyzing Sex Offender Chats & Biometrics*. ICAC Task Force Commander Meeting, Houston, TX: March 23-24, 2023.

Seigfried-Spellar, K. C. (2023, March 1). *Suffering in Silence: Understanding Vicarious Trauma in the Forensic Science Community*. Keynote presentation at the New York State Office of Forensic Science Technical Working Group Symposium, Albany, NY: March 1-2, 2023.

Seigfried-Spellar, K. C. (2022, November 23). *An Interdisciplinary Approach to Forensically Understanding and Identifying Online Offenders*. Presentation at the University of Kent, School of Engineering, Engineering Research Seminar Series 2022-2023. Canterbury, UK.

Seigfried-Spellar, K. C., & Soldino, V. (2022, November 14). *Priorización de investigaciones policiales de online child grooming en España*. [Prioritization of police investigations of online child grooming in Spain.] Jornada sobre el Grooming [Workshop on Grooming], Secretary of State for Security: Madrid, Spain.

Seigfried-Spellar, K. C. & Gaines, A. (2022, June 17). *Vicarious Trauma: What about the “Last Responders?”* Presentation at the Indiana Coroner’s Training Event. Indianapolis, IN: June 16-18, 2022.

Seigfried-Spellar, K. C. & Donatelli-Bow, M. (2021, March 2). *Human Trafficking Series, Part 2: The Rise of Sexual Exploitation*. Virtual event hosted by the Chicago Chapter of the Purdue Women’s Network.

Seigfried-Spellar, K. C. & Yang, B. (2020, August 12). *Network Forensics: Challenges and Tool*. Webinar for the National Institute of Justice’s (NIJ) Forensic Technology Center of Excellence (FTCOE).

Seigfried-Spellar, K. C. (2019, October 10). *Disturbing Images: Processing What you Cannot Delete*. Workshop presented at the 2019 LEVA Digital Multimedia Evidence Training Symposium. Denver, CO: October 7-11, 2019.

Seigfried-Spellar, K. C. (2019, September). *Computer Criminal Behavior and Psychopathy*. Presentation at the United States Probation and Pretrial Services National Cybercrime Conference. St. Louis, MO: September 16-20, 2019.

Seigfried-Spellar, K. C. (2019, August 28). *Digital and Multimedia Forensics: The Impact of Disturbing Images*. Webinar for the National Institute of Justice’s (NIJ) Forensic Technology Center of Excellence (FTCOE).

Seigfried-Spellar, K. C. (2019, December 10). *Digital Forensic Toolkits for Network Forensics and ICAC Investigations*. Presentation at the Defense Strategies Institute’s (DSI) Digital Forensics for National Security Symposium. Arlington, VA: December 10-11, 2019.

Laux, C., & Seigfried-Spellar, K. C. (2019, March 5). *Sys-Tech Approaches to Combating Human Trafficking*. Presentation at ActúaTec: Social Innovation and New Technologies, Tecnológico de Monterrey, Puebla, Mexico.

Seigfried-Spellar, K. C. (2018, November 8). *Chat Analysis Triage Tool: Analyzing Sex Offender Chats*. Presentation at the National Fusion Center Association Annual Training Event, Alexandria, VA: November 4-9, 2018.

Seigfried-Spellar, K. C., & Rogers, M. K. (2018, May 31). *Myth Busting: Technology and CSE Offenders - What you need to know*. Presentation at the 2018 National Seminar, United States Sentencing Commission, San Antonio, TX: May 30-June 1, 2018.

Seigfried-Spellar, K. C. (2018, May 14). *Cyberbullying: Understanding Victim Blaming and Bias*. Presentation at the Indiana School Safety Specialist Academy, Indiana Department of Education, Indianapolis, IN.

Seigfried-Spellar, K. C. (2018, May 3). *Understanding Cyberbullying Behaviors*. Keynote presentation at the Indiana CTO Clinic, Indiana CoSN (Consortium of School Networking), Carmel, IN.

Seigfried-Spellar, K.C., & Rogers, M.K. (2018, April 5). *A Digital Forensics Tool for Language-Based Analysis of Child Sex Offender Chats*. 2018 Appalachian Institute of Digital Evidence (AIDE) Conference, Marshall University, Huntington, WV: April 2-6, 2018.

Seigfried-Spellar, K. C. (2017, April 7). *The Psychological Impact of Child Pornography Cases on Digital Forensic Examiners and Investigators*. 2017 Appalachian Institute of Digital Evidence (AIDE) Conference, Marshall University, Huntington, WV: April 3-7, 2017.

Seigfried-Spellar, K. C. (2016, October 3). *Witnessing a Rise of Uninhabited Bridges – Meet the Internet Troll*. Dawn or Doom 2016: Is Technology Moving Faster Than Our Ability to Understand? Purdue University, West Lafayette, IN: October 3-4, 2016.

Seigfried-Spellar, K. C. (2016, May 10). *The Need for Cyber Criminology in Digital Forensics Curriculum*. 2016 Digital Forensics Curriculum Standards Workshop (DFCS), University of Illinois - Urbana Champaign, University of Illinois - Urbana Champaign.

Seigfried-Spellar, K. C. (2016, April 21). *Predictive Model of Hacker Behaviors by Individual Differences and Techniques of Neutralizations*. 2016 Appalachian Institute of Digital Evidence (AIDE) Conference, Marshall University, Huntington, WV: April 18-22, 2016.

Rogers, M. K. & Seigfried-Spellar, K. C. (2016, March 17). *The Curse of Big Data in Digital Forensics*. 3rd Annual MSU Interdisciplinary Conference on Cybercrime, Michigan State University, East Lansing, MI.

Seigfried-Spellar, K. C., & Laux, D. (2016, September 16). *Climate and Culture – Building a Sense of Community in GenCyber Camps*. Panelist at the GenCyber Fall 2016 Meeting. Boston, MA.

Seigfried-Spellar, K. C. (2015, December 10). *The Author Pendragon Threat Case Study*. Center for Applied Cybersecurity Research (CACR), Indiana University, Bloomington, IN.

Seigfried-Spellar, K. C. (2015, September 24). *Analyzing the Ashley Madison Dataset?* Dawn or Doom 2: The Risks and Rewards of Emerging Technologies Conference, Purdue University, West Lafayette, IN: September 24-25, 2015.

CONFERENCE PRESENTATIONS

Tyagi, S. & Seigfried-Spellar, K.C. (2025, February 21). *Attitudes Toward and Barriers to Mental Health Support for Digital & Multimedia Forensic Examiners*. Abstract presented at the 77th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Baltimore, MD: February 17-22, 2025.

Matulis, N., Seigfried-Spellar, K.C., & Rogers, M. K. (2025, February 21). *Proactive Detection of Child Sexual Abuse Material: Predicting Victim Risk From App Usage, Media Content, and Messaging Behaviors*. Abstract presented at 77th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Baltimore, MD: February 17-22, 2025.

Ramasamy, R., Ringenberg, T., & Seigfried-Spellar, K.C., & Rogers, M. K. (2025, February 21). *Exploring Fantasy Enactment and Self-Disclosure Themes in Offender-to-Offender Communication: A Comparative Study of Adult and Peer-to-Peer Groomer Digital Evidence*. Abstract presented at 77th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Baltimore, MD: February 17-22, 2025.

Seigfried-Spellar, K.C. (2025, February 17). *A New Horizon in Digital Forensics through Knuckle and Fingernail Bed Biometrics*. Presentation in the workshop: Forensic Science Adaptation to Artificial Intelligence. 77th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Baltimore, MD: February 17-22, 2025.

Matulis, N., Seigfried-Spellar, K. C., Rogers, M. K., & Feterick, M. (2024, December 5). *Proactive Detection of Child Sexual Abuse Material: Predicting Victim Risk from App Usage, Media Content, and Messaging Behaviors*. Child Sexual Abuse Reduction Research Network Workshop. Leiden, The Netherlands: December 5-6, 2024.

Seigfried-Spellar, K. C. (2024, October 7). *Improving Effectiveness of UC Chats Operations with Online Child Sex Offenders*. Workshop at the 2024 NW ICAC & Technology Conference. Seattle, WA: October 7-11, 2024.

Atkins, K., Crowe, J., & Seigfried-Spellar, K. C. (2024, October 7). *Science-based Approach to Developing a Winning Undercover Chat Profile*. Workshop at the 2024 NW ICAC & Technology Conference. Seattle, WA: October 7-11, 2024.

Seigfried-Spellar, K. C. & Soldino, V. (2024). *Criminological differences between victims of contact and noncontact child sexual exploitation grooming offenses in Spain*. Annual Conference of the European Society of Criminology (Eurocrim2024). Bucharest: Romania: September 11-14, 2024.

Seigfried-Spellar, K. C. & Tyagi, S. (2024, July). *Perceived Need for Mental Health Care for Digital Forensic Examiners Exposed to Disturbing Media*. Presentation in the Session “The Psychological Impact of Working with Potentially Distressing Material” at the 2004 International Academy of Law and Mental Health (IALMH) Congress. Barcelona, Spain: July 22-26, 2024.

Ringenberg, T., Seigfried-Spellar, K. C., & Rayz, J. (2023, December). *Are You a Cop? Avoiding Suspicion in Internet Stings with Online Groomers*. Presentation at the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). Adelaide, Australia: December 4-5, 2023.

Seigfried-Spellar, K. C., Rogers, M. K., Matulis, N., & Heasley, J. (2023, December). *Identifying Digital Forensic Artifacts Related to a Hybrid Risk Assessment Model for Child Sexual Abuse Offenders*. Presentation at the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). Adelaide, Australia: December 4-5, 2023.

Santopietro, M., Guest, R., Seigfried-Spellar, K. C., & Elliott, S. (2023, December). *A Multi-factor Knuckle and Nail bed Verification Tool for Forensic Imagery Analysis*. Presentation at the 1st Annual Child Sexual Abuse Reduction Research Network Workshop (CSARRN). Adelaide, Australia: December 4-5, 2023.

Seigfried-Spellar, K. C. & Soldino, V. (2023, September). *Criminological Differences and Online Grooming Strategies of Child Sexual Exploitation Offenders in Spain*. 23rd Annual Conference of the European Society of Criminology (Eurocrim2023). Florence, Italy: September 6-9, 2023.

Seigfried-Spellar, K. C. & Ringenberg, T. R. (2023, August 8-9). *Improving Effectiveness of UC Chats with Child Sex Offenders*. Presentation at the 35th Annual Crimes Against Children Conference. Dallas, TX: August 6-10, 2023.

Shao, D. & Seigfried-Spellar, K. C. (2023, July 13). *Digital Self-Harm: Examining Emotionally Unstable Personality Traits and Non-Suicidal Self-Injury as Predictors*. Abstract presented at the 26th CyberPsychology, CyberTherapy and Social Networking Conference (CYPSY26), Paris, France: July 11-13, 2023.

Seigfried-Spellar, K. C. & Ringenberg, T. R. (2023, June 14). *Strengthening UC LEOs Chatting Techniques with Child Sex Offenders*. Presentation at the 2023 National Law Enforcement Training on Child Exploitation. Atlanta, GA: June 13-15, 2022.

Crimmins, D. M., Seigfried-Spellar, K. C., & Rogers, M. K. (2023, February 17). *Comparing Defense Attorney and Prosecutors' Knowledge of Digital Evidence*. Abstract presented at the 75th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Orlando, FL: February 13-18, 2023.

Reining, J., Seigfried-Spellar, K. C., Elliott, S., & O'Connor, K. (2023, February 17). *Cold Eyes: Post-Mortem Iris Recognition Under Autopsy Procedures*. Abstract presented at the 75th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Orlando, FL: February 13-18, 2023.

DeMaria AL, Schwab Reese L, Anderson A, Bauer S, Bolen A, DeMark M, Hughes A, Seigfried-Spellar KC

(November 2022). *Exploring the role of salon professionals in identifying sex trafficking victims in Indiana*. Presentation at the 150th Annual American Public Health Association (APHA) Annual Meeting & Exposition. Boston, MA.

Seigfried-Spellar, K. C. (2022, November 10). *Chat Analysis Triage Tool: Prioritization of Online Child Sexual Grooming*. Presentation at the Sociedad Española de Psicología Jurídica y Forense (SEPJF) Annual Meeting, Madrid, Spain. November 10-12, 2022.

Seigfried-Spellar, K. C., & Soldino, V. (2022, September 22). *Analyzing Criminological Differences and Online Grooming Strategies of Child Sex Offenders in Spain*. 22nd Annual Conference of the European Society of Criminology in Malaga (Eurocrim2022). Malaga, Spain. September 21-24, 2022.

Seigfried-Spellar, K. C. (2022, July 8). *When Sexting Becomes Sextortion: Understanding Perpetrator Motives and Tactics*. Presentation in the Session “Sexting and Sextortion: Law, Theory and Practice” at the 2022 International Academy of Law and Mental Health (IALMH) Congress. Lyon, France: July 3-8, 2022.

Seigfried-Spellar, K. C. & Elliott, S. (2022, June 15). *Chat Analysis Triage Tool: Analyzing Sex Offender Chats and Biometrics*. Presentation at the 2022 National Law Enforcement Training on Child Exploitation. Atlanta, GA: June 14-16, 2022.

Seigfried-Spellar, K. C., & Rogers, M. K. (2022, April 28). *FileTSAR+: An Elastic Network Forensic Toolkit for Law Enforcement*. Presentation at the 2022 National Cyber Crime Conference (NCCC). Norwood, MA: April 26-28th, 2022.

Bowling, H., Seigfried-Spellar, K. C., Karabiyik, U., & Rogers, M. K., (2022, February 25). *A Forensic Analysis of Microsoft Teams*. Abstract presented at the 74th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Seattle, WA.

Seigfried-Spellar, K. C. (2021, November 22). *Chat Analysis Triage Tool (CATT): A Digital Forensics Tool for the Language-Based and Biometric Analysis of High-Priority Child Sex Offenders*. Europol’s Forensic Experts Forum (FEF 2021). Virtual: November 22-26, 2021.

Basil-Camino, M. & Seigfried-Spellar, K. C. (2021, November 22). *Predicting Online Phishing Behaviors Using Aker’s Social Learning Theory*. 3rd Virtual presentation at Annual Human Factor in Cybercrime Conference. Montreal, Canada, November 22-24, 2021.

Seigfried-Spellar, K. C., Laux, C. (2021, June). *Design Innovation Challenge: Fight Human Trafficking in the Americas*. Presentation at the Polytechnic Summit 2021 (PS2021). Virtual presentation at Technological University Dublin: June 1-4th, 2021.

Seigfried-Spellar, K. C., & Yang, B. (2021, April 28). *Network Forensic Toolkit*. Presentation at the 2021 National Cyber Crime Conference (NCCC). Virtual Edition: April 26-30th, 2021.

Seigfried-Spellar, K. C. (2021, February 24). *Chat Analysis Triage Tool: Language-Based and Biometric Analysis of High-Priority Child Sex Offenders*. Virtual presentation at the ICAC Commanders Conference. February 24, 2021.

Rogers, M. K., Seigfried-Spellar, K. C., Bates, S., & Rux, K. (2021, February 19). *Enhancing Child Pornography Offender Risk Assessment Using Digital Forensics Artifacts*. Abstract presented at the 73rd Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Virtual Edition.

Seigfried-Spellar, K. C. (2021, February 17). *Chat Analysis Triage Tool: Language-Based and Biometric Analysis of High-Priority Child Sex Offenders*. Virtual presentation at the Special Victims and Violent Offenders Division, OJJDP. February 17, 2021.

Seigfried-Spellar, K. C. (2020, July). *Chat Analysis Triage Tool for Child Sex Offender Chats*. Presentation at the 2020 National Cyber Crime Conference (NCCC). Virtual Edition: July 13-17, 2020.

Chowdhury, S., Rux, K. A., & Seigfried-Spellar, K. C. (2020, February). *iOS Photo Vault Forensics*. Abstract presented at the 72nd Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Anaheim, CA.

Seigfried-Spellar, K. C. Schnetzler, K. A., & Carroll, M. E. (2019, February). *Assessing the Psychological Wellbeing of Multimedia Forensic Analysts*. Abstract presented at the 71st Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Baltimore, MD.

Seigfried-Spellar, K. C., Ringenberg, T.R, Rogers, M. K., Yang, S-F., & Rayz, J.M. (2018, April). *Digital Forensic Tool that Analyzes Offender-Minor Chats*. Workshop presented at the Association of Law Enforcement Intelligence Unit/ International Association of Law Enforcement Intelligence Analysts. 2018 Annual Training Event, Anaheim, CA.

Seigfried-Spellar, K. C., Ringenberg, T.R, Chiu, M.M., & Rogers, M. K. (2017, May). *Distinguishing Contact Child Sex Offenders vs. Non-Contact Solicitors: Toward a Digital Forensics Tool for Automatic Analysis of their Chats with Minors*. Workshop presented at the Association of Law Enforcement Intelligence Unit (LEIU)/International Association of Law Enforcement Intelligence Analysts (IALEIA) 2017 Annual Training Event, Bloomington, MN.

Novak, M. (Coordinator/Organizer), Seigfried-Spellar, K. C. (Presenter), Hansen, R. (Presenter), Techno Security & Digital Forensics Conference, "Big Forensics – Investigating Very Large Organizations," National Institute of Justice, Myrtle Beach, SC, United States. (June 2018).

Seigfried-Spellar, K., & Rogers, M. K. (2018, February). *A Digital Forensics Tool for Language-Based Analysis of Child Sex Offender Chats*. Abstract presented at the 70th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, Seattle, WA.

Seigfried-Spellar, K. C. (2017, June). *Death and Lulz – Understanding the Personality Characteristics of RIP Trolls*. Abstract presented at the 21st CyberPsychology, CyberTherapy and Social Networking Conference (CYPSY22), Wolverhampton, England.

Seigfried-Spellar, K. (2017, February). *Assessing the Psychological Wellbeing and Coping Mechanisms for Law Enforcement Investigators and Digital Forensic Examiners of Child Pornography Investigations*. Abstract presented at the 69th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, New Orleans, LA.

Rogers, M. K., & Seigfried-Spellar, K. C. (2017, February). *Personality Characteristics of Computer Hackers: A Systematic Review and Meta-Analysis*. Presentation at the 69th Annual Scientific Meeting of the American Academy of Forensic Sciences, AAFS, New Orleans, LA.

Hansen, R. (Chair) & Seigfried-Spellar, K. C. (Co-Chair) (2016, April). *A Discussion on a New Cybersecurity Major*. Workshop at the Information and Telecommunications Education and Research Association (ITERA) conference, Louisville, KY.

Rogers, M. K. & Seigfried-Spellar, K. C. (2016, March). *The Curse of Big Data in Digital Forensics*. 3rd Annual MSU Interdisciplinary Conference on Cybercrime, Michigan State University, East Lansing, MI.

Seigfried-Spellar, K. C. (Chair) & Gilliland, R. (Co-Chair) (2016, February). *Developing A Professional Code of Ethics in Digital Forensics*. Workshop at the American Academy of Forensic Sciences, Digital and Multimedia Sciences section, Las Vegas, NV.

Bowen, G. & Seigfried-Spellar, K. C. (2016, February). *Discriminating hacker techniques by individual differences*

and techniques of neutralization. Presentation at the American Academy of Forensic Sciences 68th Annual Scientific Meeting, Las Vegas, NV.

Seigfried-Spellar, K. C. (2015, February). *Assessing the relationship between individual differences and child pornography image preferences in an internet sample of child pornography consumers*. Presentation at the American Academy of Forensic Sciences 67th Annual Scientific Meeting, Orlando, FL.

Crimmins, D.M. & Seigfried-Spellar, K. C. (2014, October). *Peer attachment, sexual experiences, & risky online behaviors as predictors of sexting behaviors among undergraduate students*. Presentation at the International Organization of Social Sciences and Behavioral Research Fall 2014 Conference, Las Vegas, Nevada.

Seigfried-Spellar, K. C., O'Quinn, C., & Treadway, K. (2014, February). *Assessing the relationship between Asperger syndrome, hacking, identity theft, virus-writing and cyberbullying*. Presentation at the American Academy of Forensic Sciences 66th Annual Scientific Meeting, Seattle, WA.

Seigfried-Spellar, K. C. & Rogers, M. K. (2014, February). *The future of digital forensics: Merging behavioral science and digital evidence*. Presentation at the Young Forensic Scientists' Special Session at the American Academy of Forensic Sciences 66th Annual Scientific Meeting, Seattle, WA.

Seigfried-Spellar, K. C. (2013, February). *Replicating the Seigfried-Spellar and Rogers (2011) Study on Deviant Pornography Use by Age of Onset and Sex*. Presentation at the American Academy of Forensic Sciences 65th Annual Scientific Meeting, Washington, D.C.

Rogers, M. K. & Seigfried-Spellar, K. C. (2012, February). *Applied Predictive Behavioral Modeling: The Role of Behavioral Sciences in Digital Forensics*. Presentation at the American Academy of Forensic Sciences 64th Annual Scientific Meeting, Atlanta, GA.

Seigfried-Spellar, K., Bertoline, G.R., & Rogers, M. K. (2011, October). *Internet child pornography, U.S. sentencing guidelines, and roles of Internet service providers*. Paper presented at the 3rd International ICST Conference on Digital Forensics and Cyber Crime, Dublin, Ireland.

GRANT PROPOSALS

Please note unless stated otherwise, all award amounts are in US Dollar (\$).

EXTERNAL (Funded)

Suspect Hand Biometric Tool for Verifying the Identity of Suspects in Child Sexual Abuse Material. 2024 Safe Online Open Global Call, Principal Investigator \$249,999. August 2025.

Cross-Cultural Analysis of Online Grooming Dynamics: Investigating the Influence of Gender and Age on Offenders' Tactics and Victim Responses. Google Trust & Safety 2023 University Research Grant, Principal Investigator, \$65,000. October 2023.

Live-streaming Offender Network-based Chat Analysis Triage Tool (LION-CATT): The Capture and Analysis of Real-Time Data from Live-Streaming Child Sex Abuse Chats. Department of Justice OJJDP, Principal Investigator, \$562,500. October 2022.

Chat Analysis Triage Tool (CATT): Enhancing Language-Based and Biometric Analyses for Real-Time Data Involving Child Sexual Exploitation, Department of Justice OJJDP, Principal Investigator, \$850,000. October 2021.

FileTSAR+: An Elastic Network Forensic Toolkit for Law Enforcement, National Institute of Justice (NIJ)'s Research and Development in Forensic Science for Criminal Justice Purposes, Fiscal Year 2020, Principal Investigator. \$400,973. January 2021.

Tippecanoe County High Tech Crime Unit, Indiana Criminal Justice Institute (ICJI) 2021 Edward Byrne Memorial Justice

Assistance Grant (JAG), Principal Investigator. \$54,390. January 2021.

Chat Analysis Triage Tool (CATT) A Digital Forensics Tool for the Language-Based and Biometric Analysis of High-Priority Child Sex Offenders, Department of Justice, Principal Investigator, \$195,874. October 2019.

Tippecanoe County High Tech Crime Unit, Indiana Criminal Justice Institute (ICJI) 2020 Edward Byrne Memorial Justice Assistance Grant (JAG), Principal Investigator. \$101,651. January 2020.

Purdue University Cybersecurity Camp, National Security Agency/ National Science Foundation GenCyber Program, Principal Investigator, \$96,952.56. March 2019.

Tippecanoe County High Tech Crime Unit, Indiana Criminal Justice Institute (ICJI) 2019 Edward Byrne Memorial Justice Assistance Grant (JAG), Principal Investigator. \$147,474. January 2019.

NIJ Research Assistantship Program: Digital Forensics and Multimedia Analysis, National Institute of Justice (NIJ), Principal Investigator. \$71,106. for PhD Student Danielle Crimmins. September 2018-2019.

*Extended for 2019-2020 - \$105,120

*Extended Fall 2020 - \$34,502.94

Purdue University Cybersecurity Camp, National Security Agency/ National Science Foundation GenCyber Program, Principal Investigator. \$98,845.80. March 2018.

Tippecanoe County High Tech Crime Unit, Indiana Criminal Justice Institute (ICJI) 2018 Edward Byrne Memorial Justice Assistance Grant (JAG), Principal Investigator. \$146,630. January 2018.

File Toolkit for Selective Analysis & Reconstruction (File TSAR) for Large Scale Computer Networks, National Institute of Justice (NIJ). Principal Investigator. \$487,440.00. January 2017.

Tippecanoe County High Tech Crime Unit, Indiana Criminal Justice Institute (ICJI) 2018 Edward Byrne Memorial Justice Assistance Grant (JAG). Principal Investigator. \$126,460. January 2017.

Purdue University Cybersecurity Camp, National Security Agency/ National Science Foundation GenCyber Program, Principal Investigator. \$94,242.00. March 2016.

Tippecanoe County High Tech Crime Unit (HTCU). Edward Byrne Memorial Justice Assistant Grant (JAG). *Indiana Criminal Justice Institute (ICJI)*. Principal Investigator. Funded \$70,061. January 2016.

Professional Ethics and Digital Forensics: An Interdisciplinary Conference, National Science Foundation: Science, Technology, and Society (STS). Principal Investigator alongside Dr. Sloan (UAB). Funded \$23,309. August 2014.

Cyber Research and Digital Forensics Laboratory, Edward Byrne Memorial Justice Assistant Grant (JAG). Alabama Department of Economic and Community Affairs (ADECA). Principal Investigator. \$60,000. April 2014.

INTERNAL (Funded)

Designing, Implementing, and Evaluating a Sex Trafficking & Domestic Violence Training Program for Licensed Salon Professionals in Indiana. 2023-2024 John Martinson Honors College Breakthrough Research Award, Principal Investigator. \$71,379. October 2023.

Exploring the Role of Estheticians in Identifying Sex Trafficking Victims in Indiana. 2021-2022 Purdue Polytechnic Holistic Safety and Security Research Impact Area Seed Grant. Principal Investigator. \$10,450. July 2021.

Holistic Talent Development for Underserved Youth: Cybercrime, Internet Safety, and Achievement Motivation, Purdue Polytechnic High School (PPHS) Research Projects Collaborative Research Funding. Co-Principal Investigator.

\$33,000. January 2020.

Mitigation of Informal/Child Labor in Colombian Coffee Supply Chains, 2018-2019 Purdue Polytechnic Holistic Safety and Security Research Impact Area Seed Grant. Co-Principal Investigator. \$10,000. November 2018.

Distinguishing Contact Child Sex Offenders vs. Non-Contact Solicitors: Developing a Digital Forensics Tool for Automatic Analysis of their Chats with Minors, 2017 Polytechnic Seed Grant. Principal Investigator. \$16,127. March 2017.

RESEARCH MENTORSHIP (Purdue & The University of Alabama)

Since 2012 as a faculty member, I have chaired and graduated 4 PhD* and 16 MS graduate students; I have served as a committee member on over 16 graduate student thesis and PhD committees. I have also mentored over 30 undergraduate student researchers, 15 funded through external or internal grants and other undergraduate research initiatives.

* Please note that the University of Alabama did not have a PhD program in the Department of Criminal Justice. All PhD students graduated from Purdue University.

PROFESSIONAL SERVICE

LEADERSHIP ROLES

Founding Member, *Child Sexual Abuse Reduction Research Network (CSARRN)*

- <https://www.csaresearch.org/>
- The Network aims to combat online child sexual abuse through interdisciplinary workshops that unites scholars, practitioners, government agencies, and private organizations from around the world.
- Co-organized the inaugural workshop with Dr. Russell Brewer (University of Adelaide), Dr. Bryce Westlake (San Jose State University), Dr. Julia Davidson (University of East London), Dr. Katie Logos (University of Adelaide), and Sarah Napier (Australian Institute of Criminology) held December 4-5, 2023, Adelaide, South Australia
- Co-organized 2nd Workshop held December 5-6, 2024, at University of Leiden, Netherlands

Digital & Multimedia Sciences, American Academy of Forensic Science (AAFS)

- Vicarious Trauma Ad Hoc Committee Chair, February 2025 - Present
- Nomination Committee, February 2025 – Present
- Vicarious Trauma Ad Hoc Committee Member, February 2025-February 2025
- Section Chair, February 2023 – February 2025
- Secretary, February 2022 – February 2023
- Program Committee Chair, February 2021 – February 2022
- Program Committee Co-Chair, February 2019 – February 2021
- Membership Committee Chair, February 2018 – February 2019
- Planning Committee Co-Chair, February 2017 – February 2018
- Planning Committee Member, February 2015 – February 2017

ENGAGEMENT PANELIST

1. Trust & Safety Research Team at Google (May 24, 2022)

- The goal of this focus group was to understand how availability of harmful paraphilic content online might affect users, and what can be done to help mitigate some of these harms.

2. National Workshop on Redefining Cyber Forensics (NWRCF), The University of New Haven (May 23rd-24th, 2017)
 - The goal of this 2-Day workshop was to exchange ideas on the emerging research areas of digital forensics. I was invited due to my expertise in behavioral and social sciences.
3. National Institute of Justice Law Enforcement Advisory Panel in support of the NIJ, RAND, and the Police Executive Research Forum, Washington, D.C. (June 21st-22nd, 2016)
 - The panel convened a select group of criminal justice experts to identify and prioritize future criminal justice technology needs focusing on law enforcement. I served on the Law Enforcement Advisory Panel 2 (LEAP 2), representing the digital forensics needs of law enforcement.
4. 4th International NSF-sponsored Digital Forensics Curriculum Standards (DFCS) workshop, The University of Illinois at Urbana-Champaign (May 10, 2016)
 - The workshop focused on the standardization of digital forensics curriculum

GOVERNMENT ORGANIZATION

1. 2019, Governor Eric J. Holcomb's Indiana Executive Council on Cybersecurity (IECC), Council Advisory Member

CONSULTING

1. March 2025: Led a workshop for the New York City Police Department, Police Laboratory on vicarious trauma and psychological well-being.
2. June 21, 2024: Led a virtual workshop for the Canadian Police College's Advanced Internet Child Exploitation Training Force on identifying contact offenders and improving chat operations.
3. April 12, 2024: Led two workshops for the New York City Office of Chief Medical Examiner & Department of Forensic Biology on vicarious trauma and psychological well-being.
4. November 20th, 2023: Led a workshop for Sacramento ICAC Task Force on identifying contact offenders and improving chat operations.
5. October 25th, 2023: Led a workshop at the Annual Provincial Strategy Multi-Disciplinary Training Workshop for the Ontario Provincial Police (Niagara Falls, Ontario, Canada) on identifying contact offenders and improving chat operations.
6. July 2019-October 2019: Brody Law Firm
 - Federal child pornography possession case for the defense during the sentencing phase. Interviewed the defendant, reviewed court documents, and provided a risk assessment report during sentencing.
7. September 2017-February 2018: Assistant Federal Defender in the District of Hawaii
 - Federal child pornography possession case for the defense during the sentencing phase. Interviewed the defendant, reviewed court documents, and provided a risk assessment report during sentencing.
8. August 2014 – February 2015: Parnham & McWilliams Attorneys of Law
 - Expert on two (completely independent) federal cases involving child pornography offenses. Interviewed the defendants, reviewed court documents, and provided a risk assessment report during sentencing.

GRANT PROPOSAL REVIEWER

1. 2023, ERC Starting Grant 2023, European Research Council, set up by the European Union in 2007, is the premier European funding organization for excellent frontier research projects based across Europe.
2. 2021, Austrian Science Fund (FWF), a research funding organization like the National Science Foundation, the Research Councils in the UK, or the German Research Funding Organization (DFG) and funds internationally high-quality basic research in all disciplines in Austria.

3. 2017, Netherlands Organisation for Scientific Research (NWO) Social Sciences and Humanities, VENI Grant – Innovational Research Incentives Scheme

JOURNAL REVIEWER

Sexual Abuse
 Journal of Sexual Aggression
 Aggression and Violent Behavior
 Behavioral Information Technology
 Criminal Justice and Behavior
 Deviant Behavior
 International Journal of Emergency Mental Health
 Journal of Digital Forensics, Security and Law
 Cyberpsychology, Behavior, and Social Networking
 International Journal of Cyber Criminology
 Australian Journal of Forensic Sciences
 American Journal of Criminal Justice
 Child Abuse & Neglect
 Computers in Human Behavior

PROFESSIONAL MEMBERSHIP

European Society of Criminology (ESC)

- Member, 2022 - Present

Digital & Multimedia Sciences, American Academy of Forensic Science (AAFS)

- Fellow, February 2018 – Present
- Member, February 2016 – February 2018
- Associate Member, February 2014 – February 2016
- Trainee Affiliate, February 2013 – February 2014

International Association of Law Enforcement Intelligence Analysts (IALEIA)

- Member, 2014 – Present

American Psychological Association (APA)

- Member, 2012 – Present