Hamdi Yesilyurt
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EDUCATION

Ph.D. in Public Affairs   **2011**
Dissertation Title: "The Response of American Police Agencies to Digital Evidence."
First dissertation to analyze the adoption of digital forensics practice by local police agencies.
University of Central Florida, Orlando, FL

M.S. in Digital Forensics   **2010**
G.C. in Computer Forensics   **2009**
Science/Computing Track
University of Central Florida, Orlando, FL

M.S. in Criminal Justice   **2005**
Thesis Title "International Sources of Illicit Drugs: An Analysis of Illicit Drugs and their
Country of Origin",
Eastern Kentucky University, Richmond, KY

B.S. in Criminal Justice   **1999**
Police Academy, Ankara Turkey   Minor: Law

ACADEMIC POSITIONS

Full Time Non-Tenure Track, Assistant Professor of Practice   **Fall, 2022-Present**
Southern Illinois University, Carbondale   Criminology & Criminal Justice Carbondale, IL

Part-Time Lecturer   **Spring-2022-Present**
Rutgers University, Newark   School of Criminal Justice   Newark, NJ

Adjunct Professor   **Spring-2022-Spring 2023**
Iona University   Program in Criminal Justice   New York, NY

Assistant Professor   **2013- 2014**
International Center for Terrorism and Transnational Crime (UTSAM)   Ankara, Turkey

Instructor   **Spring, 2008-Spring, 2010**
University of Central Florida   Department of Criminal Justice   Orlando, FL

PUBLICATIONS

Yesilyurt, H. (2015). Cyber security risks and solutions in the financial services sector: Payment systems and supply chain integrity. *Celal Bayar University -Journal of Social Science*, *13*(2),97-121

Yesilyurt, H. (2014). The analysis of social capital and social networking of drug trafficking. *International Journal of Human Sciences*, *11*(1), 280-290.

Yesilyurt, H. (2014). Standardization of computer forensics investigations and evaluation of investigation effectiveness. *(Turkish) Journal of Forensic Science, 13*(3).

Mus, E., Koksal, T., & **Yesilyurt, H.** (2014). Evaluation of public satisfaction with law enforcement services in Turkey. *International Journal of Human Sciences*, *11*(2), 280-290.

Yesilyurt, H. (2014). Internet Remnants. In H. Cakir and S. Kilic (Eds.), *Computer forensics and electronic evidence* (pp. 341-369). Ankara: Seckin Press. ISBN:9789750228735.

Yesilyurt, H. (2014). Cyber Policy and Security. In F. Tombul, M. Gunestas, O. Basibuyuk (Eds.), *Cyber Crimes Risks, Awareness & Defense* (pp. 169-195). Publisher: Global Press.

Yesilyurt, H. (2014). Cyber Terrorism, In O. Basibuyuk & S. Ozeren (Eds.), *Encyclopedia of Social Terms for Security*. Publisher: Under-secretariat of Public Order and Security.

Yesilyurt, H. (2013). *Adoption of digital forensics practice: Organizational structure and policing in digital environment*. Scholar's Press.

PENDING RESEARCH

Yesilyurt, H. *Cybercrime, cybersecurity, and digital forensics: Interdisciplinary Approach.* A book proposal and a sample chapter submitted to Routledge for review.

Yesilyurt, H. Hyperlink network analysis of law enforcement agencies. Manuscript to be submitted to the *Journal of Crime and Justice* in two weeks in Fall, 2023

Yesilyurt, H. *Cybercrime International.* A book proposal and a sample chapter are being prepared to Routledge for review.

Yesilyurt, H. Syrian refugees Crisis in Turkey: Myths and Facts about their criminality in Turkish media. *Literature review and method finished.*

Yesilyurt, H. & Kroner, D. The Impact of Impulsive Behavior Triggers on Students' Behavior. Sent for IRB approval.

Giblin, M. and Yesilyurt, H. The demographic indicators of Chief Prosecutors' elections. *pending*.

ACADEMIC CONFERENCE PRESENTATIONS

Yesilyurt, H. (2023, November 18). *The Impact of Impulsive Behavior Triggers on Students' Behavior.* [Conference Presentation]. American Society of Criminology, 78th Annual Meeting, Philadelphia, PA.

Yesilyurt, H. (2021, November 17). *The effectiveness of interorganizational operability of cybercrime agencies* [Conference Presentation]. American Society of Criminology, 76th Annual Meeting, Chicago, IL.

Yesilyurt, H., Nikolaenko, D. & Fiedler B. (2021, April 9). *Institutionalization through Hacktivism in Belarus: Administrative Model of Cooperation of a Country in Political Upheaval* [presentation]. Lead Author, *presented* in Technological Impacts on Elections and Critical Infrastructure session at American Society for Public Administration (ASPA).

Yesilyurt, H. (2013, May 13). *Cyber security of critical infrastructure in Turkey in terms of the development of Public Private Partnerships: Effective Partnerships and Effective Solutions*, [presentation]. Title: Strategic Security Approaches, Antalya, Turkey.

Yesilyurt, H. (2008, Nov 13). *The Analysis of Social Network and Business-like Structures of Transnational Organized Crime*, [presentation]. ASC Annual Meeting.

Adams, K. & Yesilyurt, H. (2007, June 14). *Transnational Organized Crime from a Social Network Perspective* [presentation]. International Istanbul Conference on Democracy and Global Security.

Yesilyurt, H. (2011, September 13). Cyber Terrorism, guest speaker. Balikesir Police Vocational School, 2010, Turkey.

PROFESSIONAL MEETINGS AND PRESENTATIONS

Yesilyurt, H. (2011, September 13). *Internet Data Acquisition and Analysis.* the EU
Instrument for Pre-accession Assistance (IPA). The European Unition (EU) Instrument
for Pre-accession Assistance (IPA).

International Payment Card Fraud Meeting, held by Europol in Lahey, Netherland
Represented Turkey as Payment Card Fraud expert and contributed to discussions on
European Police Surveillance System.

Computer Crimes Trends and Organization of Police Departments in Turkey, 2010,
Technical Assistance and Information Exchange instrument workshop.
Planned and coordinated the workshop in Ankara.

GRADUATE RESEARCH EXPERIENCE

Graduate Research Associate   **2008 – 2009**
Department of Criminal Justice, University of Central Florida   Orlando, FL

- Received full scholarship for two years.
- Assistant to Professor Thomas Wan, conducting primary and secondary source research
- Contributed to building research grants.
- Developed the curriculum for the doctoral level Public Policy course.

Graduate Research Associate   **2006 – 2008**
Department of Public Affairs, University of Central Florida   Orlando, FL

- Received full scholarship for two years.
- Analyzed information to support development of Data Envelopment Analysis Software
  Project (Data envelopment analysis (DEA) is a nonparametric method in operations
  research and economics for the estimation of production frontiers).
- Conducted research on decision making, using various simulation tools.
- Invited by The Burnett Honors College and College of Public administration at
  University of Central Florida to give Cyber-Terrorism lectures.

ACADEMIC JOURNALS REVIEWED

- *Journal of Traffic and Transportation Security, Turkey*
- *Public Management Review, US-Current*

Full Time, Assistant Professor of Practice   **Fall, 2022-Present**
Southern Illinois University, Carbondale   Criminology & Criminal Justice Carbondale, IL

- Criminal Justice Association (CJA) Advisor and Coordinator
- Undergraduate Scholarship committee member, 2023
- Non-thesis paper committee member
- Taught online and in-person classes
- Developed training for undergraduate students with the local police department, visited county jails.
- Wrote recommendations letters and oversaw a graduate assistant.

Undergraduate Courses Taught
- Terrorism and Counterterrorism (CCJ 370) - Fall, 2023: Summer, 2023, Spring, 2024
- Special topics in CCJ: Cybercrime (CCJ 325) – Fall, 2022: Fall, 2023, Spring, 2024
- Drug Abuse and the Criminal Justice System (CCJ-344) - Fall, 2023; Spring 2023; Spring 2024
- Readings in CCJ: Independent Study (CCJ 520) - Fall, 2023
- Introduction to the Criminological Theory (CCJ-290) - Spring, 2023; Spring, 2024
- Introduction to the Criminal Justice System (CCJ 101) - Spring, 2023; Fall, 2023, Spring, 2024

Graduate Course
> Advanced Seminar in CCJ Fall, 2023

Part-Time Lecturer   **Spring-2022-2023**
Rutgers University, Newark   School of Criminal Justice   Newark, NJ

Undergraduate Courses Taught
- *Cybercrime, Format: Synchronous Remote.*
- Observation Report: meets all Tier 1 through Tier 3 standards of excellence in teaching by Dr. Sara Wakefield

Adjunct Professor   **Spring-2022-Spring 2023**
Courses Taught
Iona University   Program in Criminal Justice New Rochelle, New York

> *Cybercrime Investigation, Format: asynchronous Distance Learning.*

Assistant Professor   **2013- 2014**
International Center for Terrorism and Transnational Crime (UTSAM)   Ankara, Turkey
- Taught various courses virtual and in person to students from highly diverse backgrounds, including police officers, lawyers, and public administrators

- Prepared analysis for Ministry of Interior regarding European Commission's "Turkey Progress Report in Criminal Justice"
- Supported police departments by preparing analysis reports concerning their security issues

Graduate Courses Taught:
- Organized Crime Policy and Enforcement, Institute of Security Science
- Transnational Cyber Crime and Cyber Security, Institute of Security Science
- Terrorism and Homeland Security, Institute of Security Science

Instructor   **2013-2014**
Part-time appointment at Turkish International Academy against Drugs and Organized Crime (TADOC)   Ankara-Turkey

- TADOC was founded by United Nations Office on Drugs and Crime in Turkey.
- Student body was diverse, including African, Middle Eastern, Eastern European, and Turkish students.
- Taught courses in person.
- Coordinated and established the Cybercrime teaching curriculum.

Trainings Taught:
- Computer Forensics, I, II
- Credit Card Fraud
- Cybercrime Investigation

Instructor   **2008- 2010**
Department of Criminal Justice, University of Central Florida   Orlando, FL

Undergraduate Courses Taught:
- Comparative Criminal Justice Systems
- Conflict and Terrorism,
- Crime in America (Criminology)
- Sex Offenders and the Criminal Justice System (TA)

PROFESSIONAL EXPERIENCE

Manager   **2020- 2021**
Nexus Analysis and Consultancy LLC   Chicago, IL

- Developed the business plan, invested in the company, and run the company to serve mainly in Illinois.
- The company practices *eDiscovery, digital forensics* investigation, and malware analysis.

- Investigated digital evidence for civil lawsuits and cyber-fraud cases.
- The company's main clients are law firms and businesses requiring identification, restoration, and analysis of digital evidence.

Police Chief   **2014-2016**
Chief of Cide Police Department
Deputy Chief of Beypazari Police Department   Ankara, Turkey

- Responsible for ensuring that the police department is effectively and efficiently served by the major functions within the purview of the department.
- Acted as an Incident Commander, a key emergency response officer charged with leading the department's response to emergencies.
- Managed the budget of the department.

Deputy Director of Security Division   **2012-2013**
Provincial Police Department   Tunceli Province, Turkey

- Short term deployment in the second region of Turkey, compulsory for all police officers.
  - Directed the investigation of explosion regarding the Blast of 2 Military Vehicles killing 6 soldiers and one civilian, resulted arrest of 9 suspects.
    - https://www.bbc.com/news/world-europe-19721724
- Directed over 300 riots.
- Accomplished negotiator with riot protesters' leaders.
- Developed new methods to minimize police use of force in riots.
- Served during one of the most violent period of terrorism in the history of Turkey
- Served as Interim Director of Community Policing Division for 2 months, and developed social support projects for underprivileged children of Tunceli Province

Director, Payment Systems Unit, Cybercrime Division   **2010-2011**
HQ Department of Anti-Smuggling & Organized Crime   Ankara, Turkey

- Selected crime investigations
  - Anonymous operation: Administrated and operated the police investigation against the largest distributed denial-of-service (DDoS) attack at the time. http://www.guardian.co.uk/technology/2011/jun/13/turkish-arrests-global-war-hackers-police
  - Contacted with attaches from Spain, Ukraine, and United States and coordinated efforts to investigate attacks.
  - The law enforcement action carried out in Turkey was succeeded by the apprehension of three suspected ringleaders of the self-proclaimed Anons group in Spain. Subsequently, a series of additional inquiries were initiated in various nations.

- Due to my number of successful police operations, division of cybercrimes was separated from the Department of Organized Crime and founded as the Department of Cybercrime.
- Medal of Honor was awarded by the German Police Department for my efforts of cyber-fraud investigations against criminal groups operating in Europe and Turkey.

- Developed framework and investigation systems against Internet-Fraud
  - Brought standards to increase the level of expertise regarding investigation processes and tools, and managed coordination between cybercrime divisions in all provinces of Turkey.
  - Coordinated the efforts against money laundering using cybercrime as a tool, cooperated with Ministry of Treasure.
  - Established coordination with other departments and private entities to protect cybercrime infrastructure, especially against cyber-fraud (BDDK, Banking Regulation and Supervision Agency, The Interbank Card Center (BKM) and banks).
  - Proposed foundation of cybercrime division which later led to the foundation of Department of Cybercrime in 2011.

Cybercrime Investigator   **2001- 2004**
HQ Department of Organized Crime   Ankara, Turkey

- Principle investigator of cybercrimes and head of computer crimes operations unit. Analyzed forensic data and conducted investigation in coordination with the legal system regarding computer crimes. The unit was responsible for the coordination of all the units located in all provinces of Turkey.
- Prepared proposal for Document Management System for the Department, which resulted in transformation of millions of archive documents into database. Criminal background check and organized crime networks were better analyzed through the digital archives.
- Delivered expertise support to White Color Crime and Narcotics Divisions in computer related crimes for the central department and local departments in provinces of Turkey.
- Participated in many important police operations of Organized Crime Department in different provinces of Turkey, supported white collar crimes and arms trafficking divisions.

Project Manager   **2003- 2004**
Joint Appointment, HQ Department of Organized Crime   Ankara, Turkey

- Leader of Crime Analysis Component, held under the supervision of European Union Twining Project. Prepared proposal acquired and installed i2 Analyst's Notebook, iBase and iBridge modules for both the central and regional organized crime departments.
- Leader of High-Tech Crimes Component which was held under the supervision of European Union Twining Project, Prepared proposal, acquired and installed computer forensics workstations.

- High Tech Crimes & Crime Analysis Components received 2.400.000 Euro grant in 2004 from European Union.

Software Developer   **1999 – 2001**
HQ Department of Human Resources of Turkish National Police   Ankara, Turkey

- **Developer** of a wide range of software projects for the department such as award, compensation, personnel investigation, paymaster, and debit using Power Builder Software. The department was responsible for more than 200,000 police officers' administration of HR and process many applications centrally because of the centralized system of Turkey.
- **Performed** data analysis using SQL as a response to request of regional departments.
- **Designed** tables and provided maintenance for the relational database (Sybase).

GOVERNMENT GRANTS & SOCIAL PROJECTS-TURKEY

Developer of Democracy and Freedom Museum Project

- Developed and presented the project as Democracy Island
- Democracy and Freedom Museum describes the darkest days in Turkey's history in the wake of military coup in 1960, which describes the Prime Minister`s execution by then military dictatorship.
- My concept was further developed by professional companies, and the Turkish Government made investments to establish the project in a small Island called "Yassiada" in 2011.
- Received copyright of the project by Ministry of Culture.

Developer & Director of Social Development Projects, the funding received from Ministry of Development for Tunceli Province (1.280.000 ₺).

- Summer Sport School
- New Horizons
- I elect my job!
- Your CANKANKA wonders you!
- Shoulder to shoulder!
- Kite Festival
- Dersim Basketball School (Dersim's Giants Rising on the Court)

CERTIFIED SELECTED COURSEWORK AND TRAINING

- Canvas, Rutgers University, 2021
- Tactical Exploitation (Penetration testing), Black Hat Training, Instructors: Val Smith and Colin Ames, 2011, Barcelona, Spain

- EnCase Certification by Encase, Orlando, 2010
- Internship, Computer Crime Squad, Orange County Sheriff's Office, Florida, USA, 2007
- Social Network Analysis, Center for Computational Analysis of Social and Organizational Systems (CASOS) Summer Institute, Carnegie Mellon University, 2007
- Graduate Teaching Associate Training, UCF, 2007
- Crime Prevention Workshop-member of organizing committee (held at VCU) and webmaster of the project http://cp.tipsonline.org/ (not currently active)
  - Title: Defeating Crime and Terrorism Threats Using Prevention Based Methods, 2006
- Leadership training, Department of Criminal Justice, Eastern Kentucky University, 2005
- Computer Crimes from BKA, German Police Department, Ankara, Turkey, 2003
- Project Management Course, UN's Instructor Ankara-Turkey, 2003
- Basic Anti-smuggling and Organized Crime, TADOC, Ankara-Turkey, finished training in the first place, Ankara, Turkey, 2003.
- Linux Basic, Network Management, and Advanced Linux, Symturk, Ankara-Turkey, 2003
- Oracle9i Access the Database with Java and JDBC, Ankara-Turkey, 2003
- Borland Delphi, Ankara, Turkey, 2000
- Body Language, Department of Education, Ankara, Turkey, 1999
- Creative Drama, Department of Education, Ankara, Turkey, 1999
- Teaching Training, Department of Education, Ankara, Turkey, 1999

TECHNICAL SKILLS

- Programming Languages: Python, Java, C ++, JavaScript, Power Builder
- Learning Management Systems Canvas, Blackboard, D2L
- Database Administration: MySQL, Sybase, Oracle.
- Operating Systems: Windows, UNIX and Linux.
- Design: Adobe Photoshop
- Forensics tools: EnCase, FTK, Net Analysis, The Sleuth Kit and Autopsy Browser, and freeware programs which are specific to part of OSs.
- Simulation Tools: WinQSB, DTREG, TreeAge
- Statistics: SPSS, AMOS, R
- Crime Analysis Tools: I2, Maltego

PROFESSIONAL MEMBERSHIP

- American Society of Criminology

PROFESSIONAL AWARDS

- 4 certificates of Superior Performance Award, Turkish National Police
- 172 Salary Awards regarding organized crime, terrorism, and cybercrime investigations for Turkish National Police.