VIVIAN F. GUETLER

PHD STUDENT IN SOCIOLOGY

PROFESSIONAL PROFILE

I'm a doctor of sociology student with highly developed analytical skills and a strong capacity to conduct independent research. I am an aspiring computational sociologist and data scientist

AREA OF EXPERTISE

- Terrorism and violent extremism
- Technology use by terrorists
- Algorithmic equity
- Sociology of technology
- Computational sociology
- Social Network Analysis
- Sentiment Analysis/NLP

PROFICIENCIES

- Excellent observational skills
- Proficient in research methods: quantitative, qualitative, NLP, Data Mining, Machine learning,
- Proficient knowledge of programming languages & data analysis tools: HTML, CSS, R, STATA, Tableau, Python
- Superior knowledge in project management, data analytics, data visualization, research presentation and writing

CONTACT ME:

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Linkedin.com/in/vivianguetler
Github: https://github.com/vguetler

EDUCATIONAL HISTORY

West Virginia University

PhD in Sociology | 2016 - expected 2021

- Specialization: crime, cyberterrorism, society & technology
- Dissertation: Terrorists use of technologies

Syracuse University

M.S Information Management | 2015 - expected 2021

- Relevant coursework: Information and Information Environments, Introduction to Information Management, Managing Information Systems, Enterprise Network Management I

Syracuse University

MA Pan African Studies | 2013- 2015

- Thesis: Examining the Educational Experiences of Somali Bantu Refugees in Upstate New York

Alpen Adria Klagenfurt University, Austria

B.A English and American Studies | 2010 - 2013

EMPLOYMENT HISTORY

Graduate Instructor

West Virginia University | Aug 2019 - to present

- Provide instruction for introduction to sociology classes
- Prepared syllabus and materials for introduction to sociology with a focus on technology and its impact on society

Graduate Research Assistant

Injury Control Research Center, WVU | May 2018 - 2019

- Administer desk research and run statistical analyses
- Prepare data visualizations and report for publications

Graduate Teaching Assistant

West Virginia University | Aug 2016 - May 2018

- Provided support to instructors for 5 undergraduate classes
- Graded assignments and exams for undergraduate students

EMPLOYMENT HISTORY

Program Development & Research Intern

Near East Foundation, NY | May 2017 - Aug 2017

- Administered desk research
- Assisted Program Development team with writing grant proposals
- Edited proposals and other projects as assigned

Community Benefits Coordinator

Center for Court Innovation, NY | Oct 2015 - June 2016

- Planned and coordinated community events and projects
- Recruited community members to join a task force
- Led task force meetings and participated in peacemaking circles

Graduate Teaching Assistant

Syracuse University, NY | Aug 2013 - May 2015

- Facilitated discussion and group activities for undergraduates
- Compiled attendance and grade roster
- Graded assignments, exams and held office hours for students

CERTIFICATIONS

Certificate in University Teaching, Future Professoriate Program, the Graduate School, Syracuse University.

PROFESSIONAL MEMBERSHIP

- Graduate Sociology Association, West Virginia University (August 2016 - present)
- Phi Beta Delta, International Leadership Honor Society, Syracuse University (March 2015)
- American Society of Criminology (2017)
- Society for Terrorism Research (2017)

REFERENCES:

Submitted by request

CONFERENCE PRESENTATIONS & PAPERS

Co-authorship:

 - M. Katell, M. Young, B. Herman, D. Dailey, **V. Guetler**, A. Tam, C. Binz, D. Raz, P. Krafft. 2020. "Toward Situated Interventions for Algorithmic Equity: Lessons from the Field". ACM FAT 2020 Conference, January 2020

- M. Katell, M. Young, B. Herman, D. Dailey, A. Tam, **V. Guetler,** C. Binz, D. Raz, and P. M. Krafft. 2020. "An Algorithmic Equity Toolkit for Technology Audits by Community Advocates and Activists". Preprint: under review in ACM, New York, NY.

Author and Presenter:

- Presenter: "Sentiment Analysis of Twitter Users Towards #Charlottesville Unite the Right Rally". NLP section at Grace Hopper Celebration, Women in Computing, Orlando, FL October 1 - 4, 2019

- Presenter: "Terrorists of a Feather Flock Together: Homophily & Prestige in Dark Networks". NetSci2019, Burlington, VT

- Invited Speaker: "The Code War: Examining #OpIsis Hacktivism Campaign Against Cyber-Caliphate", The Conference for Technology and Future of Terror CT2. Georgia Institute of Technology, Atlanta, GA, April 11, 2019

- Presenter: "Don't Try to Drown Out the Conversation, Let's Talk About What Jihad Means": Framing Terrorism in the U.S Media. At the American Society of Criminology Association 74th Annual Meeting 'Institutions, Cultures and Crime', Atlanta, GA, November 14 -17, 2018

- Presenter: Don't Try to Drown Out the Conversation, Let's Talk About What Jihad Means": Framing Terrorism in the U.S Media. At the Media Sociology Pre-conference, ASA, Philadelphia, PA, August 10, 2018

- Presenter: "Terrorism as a Family Affair" poster presentation at the 11th Annual Strategic Multi-Layer Assessment Conference, 'Jointly with DHS, DNI/NIC and NCTC, 'A Utopian or Dystopian Future, or Merely Muddling Through?' Joint Base Andrews, MD, April 3 -4, 2018

- Presenter: "Is Terrorism a Family Affair? Analyzing Pathways to Violent Extremism across Ideologies in the United States" Presentation at the American Society of Criminology 73rd Annual Meeting 'Crime, Legitimacy and Reform: Fifty Years after the President's Commission', Philadelphia, PA, November 14 – 18, 2017

- Presenter: "Are We Reaching the Targeted Population? Countering Jihadi Narrative on Facebook"
Society for Terrorism Research 11th Annual International Conference, New York City, NY, August 14 -15, 2017.

- Presenter: "Negotiating Multiple Identities and Formal Schooling: Narratives of Somali Bantu Refugee Youths in the United States". Paper presentation at the Mobilizing Literacy Research for Social Transformation, Literacy Research Association 66th Annual Conference, Nashville, Tennessee, November 30 – December 3, 2016.

- Presenter: "Voices of the 'New Americans': Exploring the Educational Experiences of Somali-Bantu Refugees in Syracuse, NY". Summer Externship Presentation, African American Studies Department, Syracuse University, August 2014.

- Presenter: "Black and Brown kids heavily RUINED the schools": Examining Race, (Im)migration, and Public Schools Policies on School (Re)Segregation in Upstate, NY." Brown Bag Presentation, the College of Arts & Sciences, Syracuse University, November 2014.

RESEARCH AND PROJECTS

Algorithmic Equity Toolkit, Data Science for Social Good, eScience Institute, University of Washington. 2019
- Developed an algorithmic equity toolkit focusing on fairness, accountability and transparency with community stakeholders
- Utilized data and social sciences techniques to develop the equity toolkit with a team consisting of data scientist, project leads, student fellows and community stakeholders

Data for Democracy: ACLU Colorado Incarceration trends Project, 2019.
- Volunteered with data scientists to analyze and visualize incarceration data for the ACLU Colorado
- Responsible for designing interactive visualizations using Tableau and R

Introduction to Information Management: Market Analysis, Cloud Music Streaming Services Fall 2015
- Partnered with 3 team members to conduct an extensive market research on Spotify's business model
- Identified business strategies used by Spotify and other cloud music streaming services
- Created interactive video presentation on Spotify's business models and strategies

Managing Information Systems Projects: Project Management Plan, Food Industry Business & Systems Strategies Spring 2016
- Created and designed project charter using MS Project tool - WBS and WBS dictionary
- Implemented Risk management, Project schedule, Stakeholders management and Resources, and Budgeting for the project

AWARDS & FELLOWSHIP

- Data Science for Social Good Student Fellow, eScience Institute, University of Washington, WA (summer 2019)
- 2019 SMEP Underrepresented Student Workshop Travel Award for the Modern Longitudinal Data Analysis in R Workshop, Society for Multivariate Experimental Psychology
- 2018 Outstanding Graduate Teaching Assistant, Eberly College of Arts and Sciences, West Virginia University (April 2018)
- Diversity Scholarship Award, Syracuse University (2015 – 2016)
- Women in Computer Research Association Award, Syracuse University (May 2016)
- Research Externship Award, Syracuse University (Summer 2014)
- Summer Fellowship Award, College of Arts & Sciences, Syracuse University (Summer 2014)
- Graduate Teaching Assistantship, West Virginia University (2016 - to present)