



## Strengthening Leadership in Research & Innovation

Since 2023, CAP Index's Research & Innovation team has focused on advancing the science behind crime risk assessment. Reinforcing CAP's academic origins, having been founded by professors and academic researchers, the team draws on their collective expertise in criminology, sociology, geospatial analysis, and practical experience with law enforcement agencies. Team leaders Dr. Grant Drawve and Dr. Casey Harris, both PhDs and recent professors and researchers in their respective fields, bring a deep understanding of academic principles to drive the team's efforts to push boundaries and deliver ever-more accurate, actionable data.

We are now focusing our experts on specific areas to further enhance the precision and impact of our solutions. This specialization ensures that our work remains grounded in both cutting-edge research and practical application, reinforcing CAP Index's leadership in crime risk analytics.

### **Dr. Grant Drawve – Vice President of Geospatial Crime Solutions**

Grant will lead CAP's Geospatial Crime Solutions team, bringing expertise in the intersection of geography and crime science. His role focuses on leveraging spatial analysis and advanced crime mapping techniques to develop innovative solutions for understanding and mitigating crime risks across diverse environments.

Key areas of focus for Grant will include:

- Overseeing geospatial analytics to refine location-specific risk assessments.
- Driving research initiatives that integrate cutting-edge geospatial technologies into CAP Index's offerings.
- Collaborating with clients to tailor geospatial crime solutions to unique industry needs.
- Partnering with public and private sector stakeholders to develop crime prevention strategies informed by geospatial data.
- Spearheading public safety data collection to enhance comprehensive crime risk assessments.

### **Dr. Casey Harris – Vice President of Crime Risk Modeling**

Casey will lead CAP's efforts to refine and expand the statistical models that underpin our crime risk products. With expertise in advanced statistical techniques, custom client-driven modeling, and risk assessment, Casey will ensure CAP's methodologies remain at the forefront of predictive analytics.

Key areas of focus for Casey will include:

- Overseeing predictive analytics to refine CAP Index's premier products.
- Developing and enhancing crime risk models to incorporate new data sources and methodologies.

- Ensuring rigorous validation of all models to uphold CAP Index's reputation for accuracy and reliability.
- Designing client-specific crime risk solutions to address unique operational challenges.
- Collaborating with interdisciplinary teams to advance predictive crime risk analytics and implement real-world applications.

Together, Grant and Casey—familiarily known as the "Bearded Twins"—bring a unique synergy to CAP Index's mission. Grant's expertise in understanding **where crime happens** through geospatial analysis, paired with Casey's focus on uncovering **why crime happens** through statistical modeling, ensures CAP Index delivers comprehensive, dynamic, and actionable crime risk insights.

By aligning geospatial patterns with predictive statistical models, they will continue to develop tools and methodologies that are not only accurate but also uniquely tailored to meet the needs of our clients across many industries. Their collaboration strengthens our ability to deliver precise, location-specific crime risk assessments, empowering clients to make informed, evidence-based decisions with confidence.