



University of Pittsburgh

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Featured Inventors: Mary Margaret Kerr, Laurel Chiappetta

TripleNote

Value Proposition

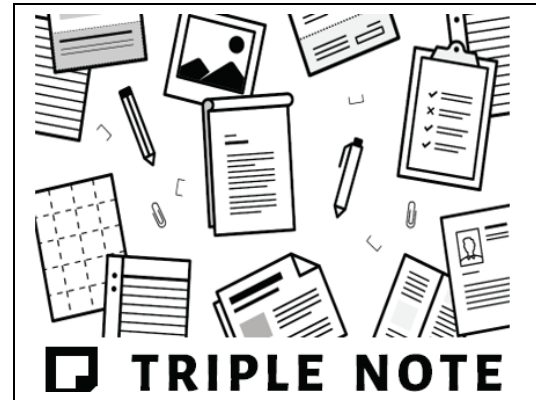
TripleNote, an app designed for students, faculty, and data supervisors, provides an easy-to-use, secure, instructional tool for field data collection. It eliminates the burden of unusable data and the hassle of compiling data from different sources. TripleNote provides users with integrated training, mobility, and data tracking, unlike widely used paper-and-pencil based field data collection methods that require a supervisor to track down data from various sources, TripleNote will centralize all types of field data collection into one portable application with built-in data management and educational components.

Market Opportunity

Undergraduate research benefits students through: student-faculty mentoring, critical thinking, creativity, and problem solving. However, faculty workload limits time for training and instruction of students eager to participate in field data collection. Students often blindly approach this task using available data collection methods: paper-and-pencil recording and video or image collection on portable devices. This approach results in missed educational opportunities for the students, and additional work for those organizing and analyzing data collection. Across the globe, college students participate in research experiences. In fact, 81% of American undergraduates engage in research. With 21 million students in US colleges alone, many students could benefit from this tool.

Competitive Landscape

TripleNote will allow users to manage data across devices, with embedded guidelines to assure accurate recording, and adhere to institutional data requirements. Currently, those collecting field data use a variety of basic tools which demand extensive time collecting and managing the resulting data. Existing electronic tools for field data collection are designed to manage small pieces of data but do not focus on the entire data collection process. No apps have embedded guidance, education, tips, or safeguards. TripleNote is intended to be bundled with a textbook, provided as a course website tool, and integrated into a course curriculum. A basic operating app will be designed with additional customized packages available.



Technology

TripleNote, a field data collection tool designed to...

Train! The instruction is embedded in the app. Students in the field don't become confused about how to collect data or what to collect. They stick to research rules. No more unusable data!

Take! What do students always have with them? Their phones! No more heavy laptops, power cords, textbooks, audio or video recorders to lug or lose. Just their mobile devices.

Track! Faculty and data supervisors can track data collection using a dashboard on the app. This prevents the all-too-common nightmare: "sleepless nights wondering if they will collect anything I can publish."

Stage of Development

The application is in early stages of development.

IP Landscape

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FEATURED INVENTORS:

Mary Margaret Kerr, Ed.D

Mary Margaret Kerr is Professor and Chair, Administrative and Policy Studies, professor of Psychology in Education, and Professor of Psychiatry. She directs the Flight 93 (9/11) Research Team. An experienced educator and researcher, Dr. Kerr is the recipient of the Chancellor's Distinguished Award, the Jean Winsand Award for Outstanding Women in Education, and the W. T. Grant Faculty Scholar Award.

Education

- EdD, Education, The American University, Washington, DC
- Med, Special Education, Duke University
- BA cum laude in Psychology, Duke University

Publications

1. Shaffer, A. & Kerr, M. M. (2015). "Can you tell my child what happened here?"--- Explaining the Story of United Flight 93. Ranger. [Magazine of the Association of National Park Rangers]

Additional publications upon request

Laurel Chiappetta, M.S.

Laurel Chiappetta is a statistical consultant with Data Development, Integration, Verification, and Analysis (DataDIVA) and serves the Department of Statistics as an adjunct faculty member where she teaches introductory statistics to undergraduate Arts and Science and Business students. Laurel provides data management and analytical support to the Flight 93 (9/11) Research Team.

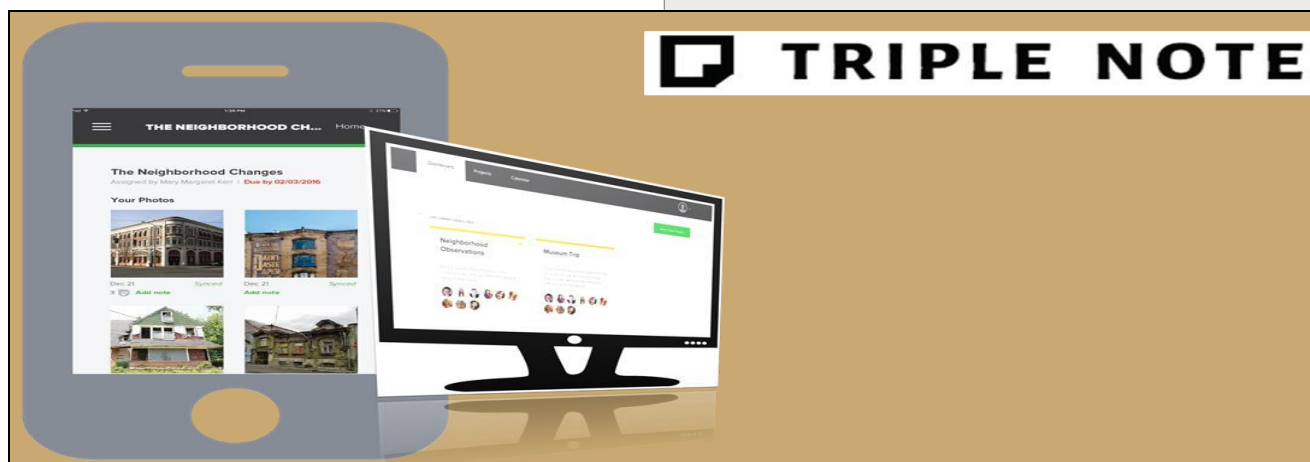
Education

- Post-Graduate Coursework, Research Methodology, University of Pittsburgh School of Education
- M.S., Biostatistics, University of Pittsburgh Graduate School of Public Health
- B.S., Psychology, University of Pittsburgh

Publications

1. Fowler N, Morrow L, Chiappetta L, Snitz B, Huber K, Rodriguez E, Saxton J. Cognitive Testing in Older Primary Care Patients: A Cluster-Randomized Trial. Accepted for Publication, Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring, July 2015.

Additional publications upon request



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