

**Joint 8th International Conference on Informatics, Electronics & Vision (ICIEV)**

**3rd International Conference on Imaging, Vision & Pattern Recognition (IVPR)**

**Date: May 30 ~ June 2, 2019**

**Venue: Spokane campus, Eastern Washington University, USA**

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## Tutorial - 1

### Data Visualization Happy Hour: An “Open House” Tutorial Workshop

by

**Elizabeth Tipton**

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#### **About:**

Conference attendees are invited to drop-in on this set of short student-led, instructor-moderated interactive tutorials focusing on many aspects of data visualization. Topics during this evening’s happy hour will likely start with technical discussions of visualization tools, range through the affective engineering of excellent dashboard design, and quite possibly end with the how and why visualization works for data communication anyway. Those in actual attendance will participate in determining the final topics.

#### **Short biography:**

Dr Elizabeth Tipton is Professor of Decision Sciences (Analytics) at Eastern Washington University, where she leads the BS in Data Analytics and BAB in Business Analytics programs. She had a bit of trouble figuring out what to officially study in school, as analytics was not actually a field then, so she jumped around a bit by major/minoring in geophysics, aerospace engineering, physics, math, marketing, management science, and business statistics. She came to Eastern Washington University during the last year of her doctorate and has been here ever since. She wandered into administration for a few years, serving as department chair, associate dean, and dean – and for two months was all three at the same time! She finally figured out that she is much happier as a faculty member working with the students teaching them the joy of data analytics. Mathematically, her interests lean towards optimization techniques, sampling methodology, forecasting, and data visualization. Her most unusual statistical experience to date has involved determining the bridge characteristic preferences of Mexican Free-tail Bats for infrastructure planning and conservation efforts.