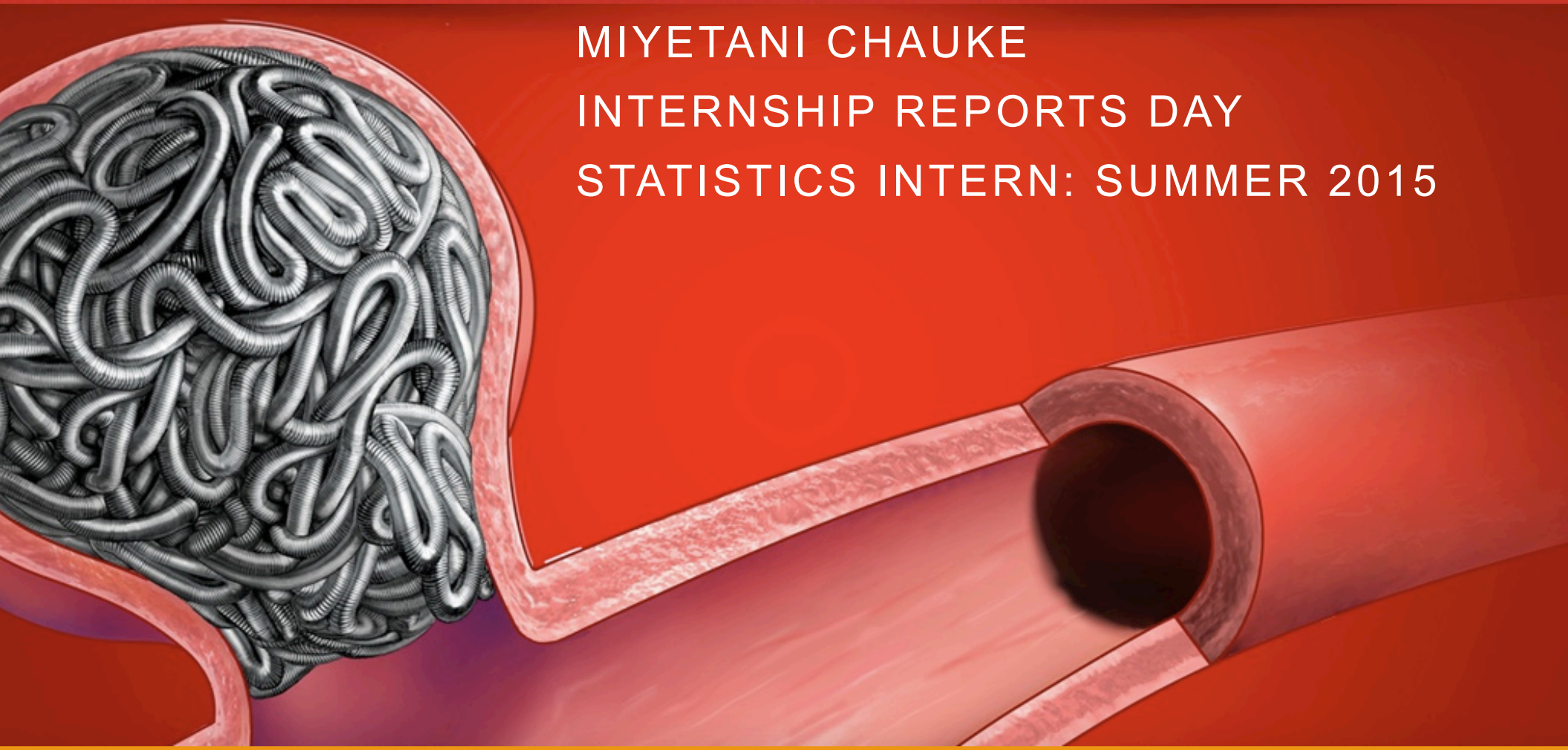
enumbra



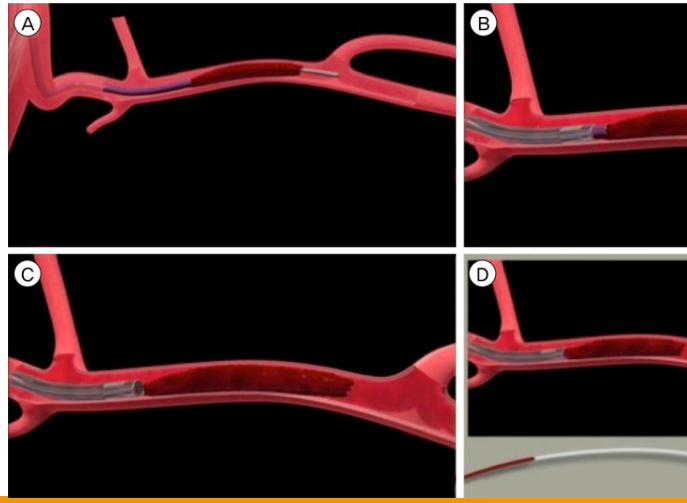
MIYETANI CHAUKE

INTERNSHIP REPORTS DAY

STATISTICS INTERN: SUMMER 2015

Penumbra Inc.

- Develops and markets innovative medical devices
- Penumbra system for treatment of ischemic stroke
- Randomized Control Trial: THERAPY Trial



Background

- **Academic**

BS, Biochemistry 2002-2006, College of Saint Elizabeth, NJ

PhD, Neuroscience 2006-2012, University of California, Riverside

MS, Statistics 2014-present, San Jose State University

- **Professional**

Graduate Student Researcher 2006-2011, University of California, Riverside

Graduate Teaching Assistant 2008-2011, University of California, Riverside

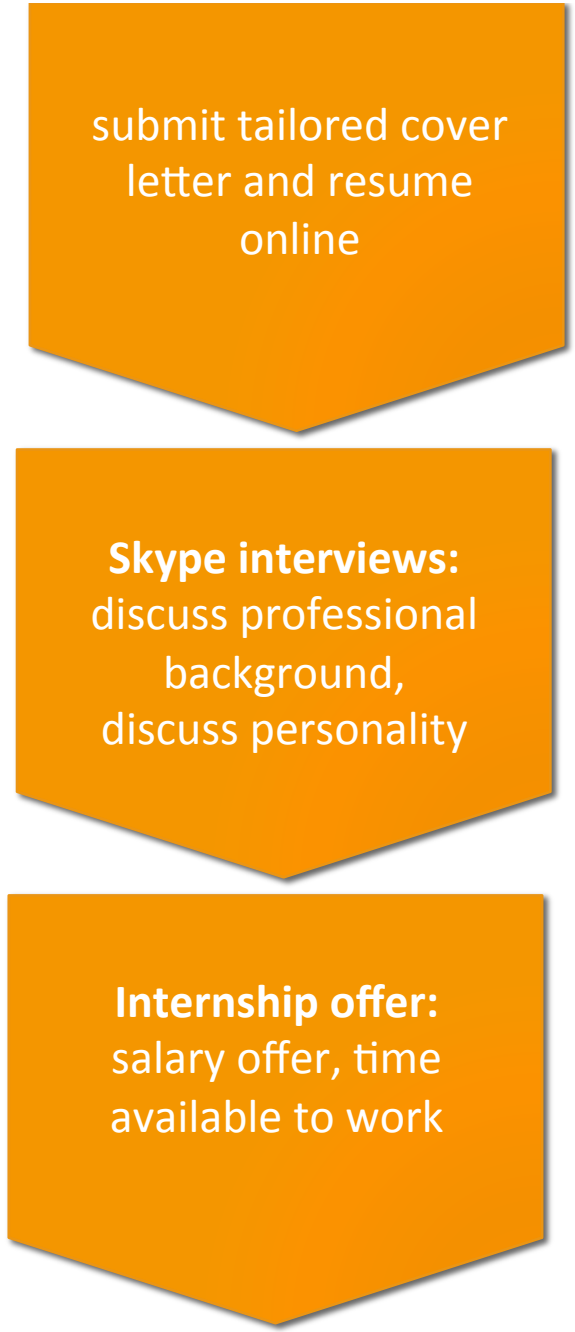
Finding the internship

Linkedin

Indeed

Glassdoor

Dr. Bremer



Analyses

Jonckheere-Terpstra
Wilcoxon
Kruskal-Wallis
Nominal
logistic
Stepwise
nonparametric
statistics
Shift-analysis
regression
Ordinal
Mann-Whitney
ochran-Mantel-Haenszel

Coursework

MA261A: Regression Theory and Methods
- Variable selection methods
- Model diagnostics

MA167: Programming in SAS
- proc univariate, proc reg, proc corr
- Graphs, tables

MA258: Categorical Data Analysis
- Chi-square tests, Cochran-Mantel-Haenszel Tests
- Binary and ordinal logistic regression

Contact

Hope Buell

PhD Statistician

Clinical Department

hope.buell@penumbrainc.com