

# ANTHONY PILEGGI

## EDUCATION

2016  
|  
2008

- **M.S., Biostatistics**

Emory University

 Atlanta, GA

2008  
|  
2004

- **B.S., Statistics**

Carnegie Mellon University

 Pittsburgh, PA

## INDUSTRY EXPERIENCE

Present  
|  
2018

- **CTO / Data Scientist**

Paul B. Moyer & Sons Inc.

 Doylestown, PA

- *Develop R packages* to facilitate API interactions, data warehousing, and reporting
- Design, build, and maintain internal *R/Shiny Dashboards & Apps* for product warehouse optimization
- Devise business strategy to *grow online revenue over 125%* within 3 years
- *Direct e-commerce business*, including: purchase orders, pricing, product images, advertising, marketplace listings, and financial forecasts

2018  
|  
2015

- **Data Scientist**

iFixit

 San Luis Obispo, CA

- **A/B testing:** design, monitoring, stopping rules, and analysis
- **Web traffic reporting:** synthesize data, identify trends, and project traffic data
- **e-Commerce:** forecast sell rates, recommend prices for profit optimization, improve metrics utilized for operational decisions
- **Dashboards:** maintain and improve Chartio/Shiny dashboards, create customized dashboards to address recurring needs
- **Data procurement:** identify and obtain data via APIs or webscraping to inform operational decisions
- **General consultant:** identify and compile data, analyze data, present results for various company units

## ACADEMIC EXPERIENCE

2015  
|  
2008

- **Statistical Consultant**

Biostatistics Consulting Center, Emory University

 Atlanta, GA

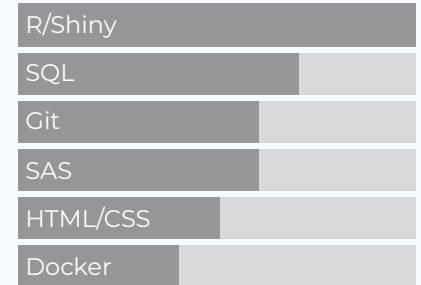
- Collaborate with various investigators regarding statistical design and analysis.



## CONTACT

-  [apileggi20@gmail.com](mailto:apileggi20@gmail.com)  
 [github.com/anthonypileggi](https://github.com/anthonypileggi)  
 [stochastic-squirrel.com](https://stochastic-squirrel.com)

## LANGUAGE SKILLS



*Made with the R package [pagedown](#).*

*The source code is available on [github.com/anthonypileggi/cv](https://github.com/anthonypileggi/cv).*

*Last updated on 2022-09-06.*

2015   2008	<p><b>Tutor</b></p> <p>Rollins School of Public Health, Emory University</p> <ul style="list-style-type: none"> <li>Provide instruction, motivation, and clarification for students struggling with math, statistics, or programming concepts.</li> </ul> <p> Atlanta, GA</p>
2014   2013	<p><b>Dean's Teaching Fellow</b></p> <p>Laney Graduate School, Emory University</p> <ul style="list-style-type: none"> <li>Design and teach Statistical Methods II to 77 graduate students.</li> <li>Supervise four teaching assistants in the organization and instruction of a lab component.</li> </ul> <p> Atlanta, GA</p>
2012   2010	<p><b>Instructor</b></p> <p>Department of Biostatistics and Bioinformatics, Emory University</p> <ul style="list-style-type: none"> <li>Statistics Methods I/II Lab</li> </ul> <p> Atlanta, GA</p>
2012   2009	<p><b>Teaching Assistant</b></p> <p>Department of Biostatistics and Bioinformatics, Emory University</p> <ul style="list-style-type: none"> <li>Statistical Methods I/II, Probability Theory I, Statistical Inference I, Fundamentals of Bioinformatics</li> </ul> <p> Atlanta, GA</p>
2012   2009	<p><b>Collaborator</b></p> <p>Center for Biomedical Imaging Statistics (CBIS), Emory University</p> <ul style="list-style-type: none"> <li>Provide assistance and feedback for group projects, papers, and grant proposals.</li> <li>Preprocess and analyze neuroimaging data acquired from human subjects.</li> </ul> <p> Atlanta, GA</p>
2008   2007	<p><b>Research Assistant</b></p> <p>Department of Statistics, Carnegie Mellon University</p> <ul style="list-style-type: none"> <li>Mentored by Dr. Rob Kass in the analysis of extracellular neuronal recordings derived from implanted microelectrode arrays in living macaque monkeys.</li> </ul> <p> Pittsburgh, PA</p>
2007   2006	<p><b>Teaching Assistant</b></p> <p>Department of Statistics, Carnegie Mellon University</p> <p> Pittsburgh, PA</p>



## PUBLICATIONS

- 2016
- What Will Months Of Catching Pokémons Do To Your Battery?**  
iFixit Blog <https://www.ifixit.com/News/8256/pokemon-battery-lifespan>

- 2015
- A multimodal approach for determining brain networks by jointly modeling functional and structural connectivity  
📍 Frontiers in Computational Neuroscience 9:22.  
[[doi:10.3389/fncom.2015.0002](https://doi.org/10.3389/fncom.2015.0002)]
    - Xue, W., Bowman, F.D., Pileggi, A.V. and Mayer, A.R.
- 2012
- Silent Corticotroph Adenomas: Emory University Cohort and Comparison With ACTH-Negative Nonfunctioning Pituitary Adenomas  
📍 Neurosurgery, 71(2): 296-304. [doi: [10.1227/NEU.0b013e318257c1f0](https://doi.org/10.1227/NEU.0b013e318257c1f0)]
    - Ioachimescu, A. G., Eiland, L., Chhabra, V. S., Mastrogianakis, G. M., Schniederjan, M. J., Brat, D., Pileggi, A. V., Oyesiku, N. M.
- 2010
- Receptor for advanced glycation end products in donor lungs is associated with primary graft dysfunction after lung transplantation.  
📍 American Journal of Transplantation : Official Journal of the American Society of Transplantation and the American Society of Transplant Surgeons, 10(4), 900–907. [[doi:10.1111/j.1600-6143.2009.02995.x](https://doi.org/10.1111/j.1600-6143.2009.02995.x)]
    - Pelaez, A., Force, S. D., Gal, A. A., Neujahr, D. C., Ramirez, A. M., Naik, P. M., Quintero, D., Pileggi, A. V., Easley, K. A., Echeverry, R., Lawrence, E. C., Guidot, D. M. and Mitchell, P. O.

## ☰ PRESENTATIONS

- 2012
- Pileggi, A. Imposing Structured Sparsity via Generalized Lasso Penalties in Neuroimaging Applications. *Southern Regional Council on Statistics (SRCOS)*, June 3–6, 2012. Jekyll Island, GA.
- 2010
- Mir, O., Qureshi, S., Pileggi, A., Easley, K., Ayala, L. and Nahab, F. (2010) Frequency of Abnormal Glucose Metabolism Among Ischemic Stroke and TIA Patients in the South Based on Oral Glucose Tolerance Testing. *International Stroke Conference*, Feb. 24–26, 2010. San Antonio, TX.