

# Hillary T. Graham

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## **Education:**

Aug. 2021 – Current	Ph.D., Biostatistics Indiana University – Purdue University Indianapolis, Indianapolis, IN
Aug. 2014 – Dec. 2015	M.S., Statistics North Carolina State University, Raleigh, NC
Aug. 2011 – May 2014	B.S., Statistics and Mathematics Iowa State University, Ames, IA

## **Professional Experience:**

May. 2022 – Current	Principal Statistician Phathom Pharmaceuticals, Buffalo Grove, IL
Jan. 2016 – May 2022	Manager – Computation Eli Lilly & Company, Indianapolis, IN
Aug. 2015 – Dec. 2015	Research Assistant, Department of Statistics North Carolina State University, Raleigh, NC
Aug. 2014 – Aug. 2015	Biostatistics Fellow, Department of Statistics NIH Biostatistics Training in the Omics Era North Carolina State University, Raleigh, NC
Aug. 2013 – May 2014	Research Assistant, Financial Aid Administration Office Iowa State University, Ames, IA

## **Publications:**

1. Edward Garon, Martin Reck, Kazuto Nishio, John V. Heymach, Makoto Nishio, Silvia Novello, Luis Paz-Ares, Sanjay Popat, Santiago Aix Ponce, **Hillary Graham**, Brent D. Butts, Carla Visseren-Grul, Kazuhiko Nakagawa, RELAY, ramucirumab plus erlotinib versus placebo plus erlotinib in previously untreated EGFR- mutation-positive mutated metastatic NSCLC: Exploratory analysis of next-generation sequencing results, 2023, ESMO Open
2. Makoto Nishio, Luis Paz-Ares, Martin Reck, Kazuhiko Nagakawa, Edward B. Garon, Sanjay Popat, Matteo Ceccarelli, **Hillary T. Graham**, Carla Visseren-Grul, Silvia Novello: RELAY, Ramucirumab

plus Erlotinib (RAM+ERL) in Untreated Metastatic EGFR-Mutant NSCLC (EGFR+ NSCLC): Association between TP53 Status and Clinical Outcome, *Clinical Lung Cancer*, 2023, ISSN 1525-7304, <https://doi.org/10.1016/j.clcc.2023.02.010>.

3. **Hillary Graham**: Play More, Achieve More: Training the Next Generation of Data Analysts through Strategic Gaming, SAS Global Forum, June 2020, <https://support.sas.com/resources/papers/proceedings20/4668-2020.pdf>
4. **Hillary Graham**, Michelle Carlsen, Zeqing Lu: PDF.PLOT.OUT: an R Function to Output Vector Graphics, MidWest SAS Users Group, 2018, Paper HS – 143, <https://www.mwsug.org/proceedings/2018/HS/MWSUG-2018-HS-143.pdf>
5. Zeqing Lu, **Hillary Graham**, Michelle Carlsen: Spotfire Clinical Visualizations from SAS and R, 2018, Paper HS – 142, <https://www.mwsug.org/proceedings/2018/HS/MWSUG-2018-HS-142.pdf>
6. **Graham HT**, Rotroff DM, Marvel SW, Buse JB, Havener TM, Wilson AG, Wagner MJ, Motsinger-Reif AA; ACCORD/ACCORDion Investigators. Incorporating Concomitant Medications into Genome-Wide Analyses for the Study of Complex Disease and Drug Response. *Front Genet.* 2016 Aug 17;7:138. doi: 10.3389/fgene.2016.00138. PMID: 27775101; PMCID: PMC5013254. <https://www.frontiersin.org/articles/10.3389/fgene.2016.00138/full>
7. **Graham, Hillary Taylor**. Incorporating Concomitant Medications into Linear Models for Genome-Wide Association Studies. 2015. North Carolina State University, Thesis, <http://www.lib.ncsu.edu/resolver/1840.16/10670>

### **Presentations:**

1. (Presentation: Midwest Biopharmaceutical Statistics Workshop) Zeqing Lu, **Hillary Graham**: Tips for Getting the most out of your Spotfire Dashboard, Midwest Biopharmaceutical Statistics Workshop, 2022
2. (Poster Presentation: American Association for Cancer Research) Erika P. Hamilton, Javier Cortes, Guy Jerusalem, Peter A. Kaufman, Ozgur Ozyilkan, Roberto Hegg, Lacey M. Litchfield, Hong Wang, **Hillary T. Graham**, Sameera R. Wijayawardana, Valerie M. Jansen, Miguel Martin. Genomic markers of response to monotherapy abemaciclib in the nextMONARCH 1 study [abstract]. In: Proceedings of the Annual Meeting of the American Association for Cancer Research 2020; 2020 Apr 27-28 and Jun 22-24. Philadelphia (PA): AACR; *Cancer Res* 2020;80(16 Suppl): Abstract nr 785.
3. (Poster Presentation: American Society of Clinical Oncology) Goetz, Matthew & Hamilton, Erika & Campone, Mario & Hurvitz, Sara & Cortés, Javier & Johnston, Stephen & Jerusalem, Guy & **Graham, Hillary** & Wang, Hong & Litchfield, Lacey & Jansen, Valerie & Martin, Miguel. (2020). Acquired genomic alterations in circulating tumor DNA from patients receiving abemaciclib alone or in combination with endocrine therapy.. *Journal of Clinical Oncology.* 38. 3519-3519. 10.1200/JCO.2020.38.15\_suppl.3519.
4. (Presentation: San Antonio Breast Cancer Symposium) Goetz, Matthew & Beck, J. & Campone, Mario & Hurvitz, Sara & Im, Seock-Ah & Johnston, Stephen & Llombart-Cussac, Antonio & Martin, Miguel & Sohn, Joohyuk & Toi, Masakazu & Litchfield, Lacey & **Graham, Hillary** & Wang, Hong

& Wijayawardana, Sameera & Jansen, Valerie & Leo, Angelo. (2020). Abstract PD2-06: Efficacy of abemaciclib based on genomic alterations detected in baseline circulating tumor DNA from the MONARCH 3 study of abemaciclib plus nonsteroidal aromatase inhibitor. Cancer Research. 80. PD2-06. 10.1158/1538-7445.SABCS19-PD2-06.

5. (Presentation: Joint Statistical Meetings) Hong Wang, Sameera Wijayawardana, **Hillary T Graham**. A Comparative Analysis of Optimal Cut-Off Selection Methods for Multiple Continuous Biomarkers in Immuno-Oncology Research. (2019). Joint Statistical Meetings. Statistics for Clinical Trials and Medical Research. Sponsor: ENAR.
6. (Presentation: MidWest SAS Users Group) **Hillary Graham**, Michelle Carlsen, Zeqing Lu: PDF.PLOT.OUT: an R Function to Output Vector Graphics, MidWest SAS Users Group, 2018, Paper HS – 143.
7. (Presentation: MidWest SAS Users Group) Zeqing Lu, **Hillary Graham**, Michelle Carlsen: Spotfire Clinical Visualizations from SAS and R, MidWest SAS Users Group, 2018, Paper HS – 142.
8. (Poster Presentation: American Statistical Association Iowa Chapter Meeting) **Hillary Chaney**, Bronson Recker: An Analysis of World Life Expectancy, Iowa Chapter Meeting of the ASA, Iowa State University, 2013

#### **Organizing Committees:**

- 2022: **Data Visualization and Programming Track Chair**, Midwest Biopharmaceutical Statistics Workshop, Carmel, IN
- 2021-2022: **Co-Lead Organizer**, Supervisor Academy, Eli Lilly & Company, Indianapolis, IN

#### **Awards:**

- Magna Cum Laude  
Iowa State University, May 2014
- 2<sup>nd</sup> Place Medalist: Midwest Undergraduate Data Analytics Competition  
Winona State University, Winona, MN, April 2014
- George W. Snedecor Award Fund  
Iowa State University, 2013 – 2014
- Schillmoeller Family Scholarship in Statistics  
Iowa State University, 2013-2014
- Donald S. & Ramona S. Dawson Scholarship Fund  
Iowa State University, 2013-2014
- Award for Competitive Excellence  
Iowa State University, 2011-2014