Daniel F. Pellatt

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Education

University of Oregon	2007-2011	B.S. Degree
Major: Economics with Departmental Honors		
Minor: Business Administration		
University of Utah	2012-2014	Master of Statistics
Math Department		Degree
University of California, San Diego	2016-Present	PhD student
Focus in econometrics	(expected graduation 2022)	

Academic Honors

Departmental Honors in Economics, University of Oregon

Nominated for Mathematics Student of the Year by the Statistics Committee of University of Utah's math department

Relevant Work Experience

Teaching Assistant 2017 to Present
University of California, San Diego
Duties: lead discussion sections, answer student questions, proctor exams, hold office hours. Classes included the Econ 120 series (econometrics).

Statistical Consultant
Foldax Corporation 2018 to 2020
Duties: statistical consultation 0-15 hours annually, as needed
Please contact me for a reference

Senior Programmer/Analyst December 2014 to May 2016
Department of Internal Medicine, University of Utah
Duties: Data management and analysis. Conducted statistical analysis on large datasets. Utilized various statistical analyses tools including Random Forest, Principal Component Analysis, Logistic Regression, Cox Proportional Hazard Models. Wrote scientific publications. Analysis performed in R and SAS.

Teaching Assistant August 2014 to December 2014
Mathematics Department, University of Utah
Duties: Math 3070 (Applied Statistics) R programming laboratory instructor.

In addition to teaching the laboratory, I instructed the main class when the instructor was out of town, graded homework, and proctored and graded exams.

Economics/Econometrics Research

Pellatt, DF, Sun, Y. Asymptotic F Test in Regressions with Observations Collected at High Frequency Over Long Span (submitted, 2020)

Aue A, Horvath L, **Pellatt DF.** (2017) Functional generalized autoregressive conditional heteroscedasticity. *J. Time Ser. Anal,* 38: 3-21. doi: 10.1111/jtsa.12192

Other Publications

Pellatt DF, Stevens JR, Wolff RK, et al. Expression Profiles of miRNA Subsets Distinguish Human Colorectal Carcinoma and Normal Colonic Mucosa. *Clin Transl Gastroenterol*. 2016;7(3):e152. Published 2016 Mar 10. doi:10.1038/ctg.2016.11

Slattery ML, Herrick JS, **Pellatt DF**, et al. MicroRNA profiles in colorectal carcinomas, adenomas and normal colonic mucosa: variations in miRNA expression and disease progression. *Carcinogenesis*. 2016;37(3):245-261. doi:10.1093/carcin/bgv249

Slattery ML, **Pellatt DF**, Mullany LE, Wolff RK, Herrick JS. Gene expression in colon cancer: A focus on tumor site and molecular phenotype. *Genes Chromosomes Cancer*. 2015;54(9):527-541. doi:10.1002/gcc.22265

Slattery ML, Herrick JS, Mullany LE, et al. Colorectal tumor molecular phenotype and miRNA: expression profiles and prognosis. *Mod Pathol*. 2016;29(8):915-927. doi:10.1038/modpathol.2016.73

Pellatt AJ, Slattery ML, Mullany LE, Wolff RK, **Pellatt DF**. Dietary intake alters gene expression in colon tissue: possible underlying mechanism for the influence of diet on disease. *Pharmacogenet Genomics*. 2016;26(6):294-306. doi:10.1097/FPC.0000000000000217

Slattery ML, **Pellatt DF**, Mullany LE, Wolff RK. Differential Gene Expression in Colon Tissue Associated With Diet, Lifestyle, and Related Oxidative Stress. *PLoS One*. 2015;10(7):e0134406. Published 2015 Jul 31. doi:10.1371/journal.pone.0134406

Slattery ML, **Pellatt DF**, Wolff RK, Lundgreen A. Genes, environment and gene expression in colon tissue: a pathway approach to determining functionality. *Int J Mol Epidemiol Genet*. 2016;7(1):45-57. Published 2016 Mar 23.

Slattery ML, Herrick JS, **Pellatt DF**, et al. Site-specific associations between miRNA expression and survival in colorectal cancer cases. *Oncotarget*. 2016;7(37):60193-60205. doi:10.18632/oncotarget.11173

Slattery ML, Wolff E, Hoffman MD, **Pellatt DF**, Milash B, Wolff RK. MicroRNAs and colon and rectal cancer: differential expression by tumor location and subtype. *Genes Chromosomes Cancer*. 2011;50(3):196-206. doi:10.1002/gcc.20844

Programming Languages

R, MATLAB, some experience with SAS, beginning Python