

Daniel Pellatt
Economics Department
University of California, San Diego

LATEST VERSION

Placement Director Jim Andreoni
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CONTACT INFORMATION

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EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO, La Jolla, CA Expected 2022/2023 Academic Year
Ph.D. Candidate in Economics
Committee: Yixiao Sun (chair), Kaspar Wuthrich, Allan Timmermann, Richard Carson, Dimitris Politis

UNIVERSITY OF UTAH, Salt Lake City, UT 2015
MStat (Master of Statistics), Math Department

UNIVERSITY OF OREGON, *College of Arts and Sciences*, Eugene, OR 2011
BS Economics

REFERENCES

| | | |
|------------------|--------------|----------------------|
| Yixiao Sun | UC San Diego | yisun@ucsd.edu |
| Kaspar Wuthrich | UC San Diego | kwuthrich@ucsd.edu |
| Allan Timmermann | UC San Diego | atimmermann@ucsd.edu |

FIELDS OF INTERESTS

Econometrics

WORKING PAPERS

PAC-Bayesian Treatment Allocation Under Budget Constraints
(Job Market Paper)

Asymptotic F test in Regressions with Observations Collected at High Frequency over Long Span
(Coauthored with Yixiao Sun, Revised and Resubmitted to Journal of Econometrics in 2022)

Binary Forecast and Decision Rules Via PAC-Bayesian Model Aggregation
(Coauthored with Yixiao Sun)

PUBLICATIONS

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

HONORS AND AWARDS

- UCSD Summer GSR Research Grant (2017)

- Nominated for Mathematics Student of the Year by the Statistics Committee of University of Utah's Math Department (2015)
- Departmental Honors in Economics, University of Oregon (2011)

TEACHING/RESEARCH ASSISTANCE EXPERIENCE

Teaching Assistant at UC San Diego
UCSD, Teaching Assistant 2017 to present
Principles of Macroeconomics, Intermediate Microeconomics, Intermediate Econometrics

Research Assistant
UCSD, RA for Prof. Allan Timmermann 2018

Teaching Assistant at University of Utah
U of U, Teaching Assistant August to December 2014
Applied Statistics R Programming Lab for Math 3070

RELEVANT WORK EXPERIENCE

Statistical Consultant
Foldax Corporation 2018 to 2020
Duties: statistical consultation 0-15 hours annually, as needed

Senior Programmer/Analyst December 2014 to July 2016
Department of Internal Medicine, University of Utah
Duties: Data management and analysis. Conducted statistical analysis on large epidemiologic and genomic datasets. Writing contributions for publications (see below). Analysis performed in R and SAS.

PUBLICATIONS IN OTHER FIELDS (Related to Programmer/Analyst Work)

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

OTHER INFORMATION

Citizenship(s): United States and Canada (I have dual citizenship).

Computer Skills: R, MATLAB, some experience with SAS, LaTeX, Microsoft Office