

**Daniel Pellatt**  
Economics Department  
University of California, San Diego

LATEST VERSION

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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 May 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