

# Christian B. Pascual

*Division of Biostatistics and Bioinformatics*

*Herbert Wertheim School of Public Health and Human Longevity Science*

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*Date of Preparation: March 22, 2020*

## Education

09/2020 - Present	PhD, Biostatistics University of California, San Diego
09/2018 - 05/2020	MS, Biostatistics Columbia University, NY
09/2011 - 05/2015	BS, Biomedical Engineering University of California, Davis

## Research Experience

08/2020 - Present	Graduate Research Assistant Advisor: Prof. Sonia Jain <ul style="list-style-type: none"><li>Developing new methodology for analyzing N-of-1 trial data using Bayesian networks</li></ul>
01/2019 - 08/2020	Graduate Research Assistant Advisor: Prof. Jeff Goldsmith <ul style="list-style-type: none"><li>Developed R package implementing an ANOVA test for comparing physical activity data between groups</li></ul>

## Teaching Experience

08/2019 - 12/2019	Teaching Assistant, P8105 Data Science I
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## Publications

- P. Hliden, **C. Pascual**, K. Diaz, J. Goldsmith (2021). How Many Days are Needed? Measurement Reliability of Wearable Device Data. *Science in Sports and Exercise*, submitted.
- A. T. Duran, **C. Pascual**, J. Goldsmith, V. Howard, B. Hutto, N. Colabianchi, J. Vena, M. McDonnell, S. Blair, S. Hooker, K. Diaz (2021). Objectively-Measured Physical Activity and Sedentary Time among Adults with and without Stroke: A National Cohort Study. *Stroke*, submitted.
- C. Friel, **C. Pascual**, A. Duran, J. Goldsmith, K. Diaz (2020). Joint associations of occupational standing and occupational exertion with musculoskeletal symptoms in a US national sample. *Occupational and Environmental Medicine*, accepted.

## Presentations

- "Identifying Individual Goal Achievement Behavior Using Bayesian Networks". SCT 2021, remote, invited. (05/2021)

## Software

- C. Pascual** and J. Goldsmith (2019). ActivityProfileR: a functional ANOVA test for physical activity data. R package version 0.1, available on Github.

- **C. Pascual**, A. Wang, and S. Lee (2019). DsCovR Dashboard: an interactive tool to track state-level demographic trends for COVID-19. Shiny application in R, publicly available.

### **Honors & Awards**

09/2020 - Present      Cota-Robles Fellow

09/2020 - Present      Katzin Scholar

### **Professional Memberships**

09/2020 - Present      ASA (Member)