

JONATHAN D. REUNING-SCHERER

WORK EXPERIENCE

2000-present
Senior Lecturer in Statistics

Yale University

New Haven, CT

- Senior Lecturer for the School of the Environment (YSE) and the Department of Statistics and Data Science (S&DS). Developed classes in multivariate statistics, data analysis, introductory statistics, and spatial statistics. Incorporated video capture and pre-recorded modular format into all courses. Courses currently serve over 1000 Yale students per year.
- Advise numerous master's projects and serve on doctoral committees for Yale students. Regular consultant to Yale students and faculty on statistical study design and analysis. Advisor/co-author for several YSE and medical publications.
- Voted best lecturer at Yale YSE, 2005, 2009, 2011; awards for teaching in 2014, 2015. One of 10 Yale Provost Teaching Award winners for 2014. Recipient of the Richard H. Brodhead '68 Prize for Teaching Excellence, 2015. Invited talks at the Center for Teaching and Learning, 2018-2019. Recipient of a \$10k Rosenkranz Award for Pedagogical Advancement, 2020.

1996-present
Statistical Consultant

West Hartford, CT

- Consultant to government agencies, pharmaceutical firms, health care firms, marketing agencies, financial institutions, and other academic institutions. Projects include drug analysis, buyer satisfaction assessment, salary modeling, terrain classification, evaluation of educational techniques. Currently organizing survey of all members of NYC musician's union. Founder of Vivace Consulting, LLC (2002).

1994 - 2000
Statistician/Consultant

Bayer Pharmaceuticals

West Haven, CT

- Performed design and analysis for FDA product studies. Also served as internal consultant to other departments and worked with outside researchers on medical publications.

EDUCATION

1992-1997
Ph.D. Statistics (May 1997) M.A. statistics (May 1994)

Yale University Graduate School

New Haven, CT

- Dissertation focuses on new methods for simultaneous clustering of data in multiple dimensions requiring innovative search techniques with graphical interpretations. These methods are applied to data in political science, biology, and survey data.

1998-2000
M.A. Choral Conducting (May 2000)

Yale Graduate School

New Haven, CT

- Principle Assistant Conductor of the Yale Camerata

1987-1991
B.A. Mathematics / B.M. Piano Performance (minor in French horn)

Oberlin College

Oberlin, OH

- Graduated with honors in mathematics.

PUBLICATIONS

Henry Glick, Peter Ulmunay, Jean-Remy Makana, Sean Thomas, Jonathan Reuning-Scherer, Timothy Gregoire. "Developmental Dynamis of *Gilbertiodendron dewevrei* (Fabaceae) Drive Forest Structure and Biomass in the Eastern Congo Basin." Forests, 2021 June: 738.

Christopher Parker, Lin Zhan, Paul Cislo, Jonathan Reuning-Scherer, Nicholas J Vogelzang, Sten Nilsson, Oliver Sartor, Joe M O'Sullivan, Robert E Coleman. "Effect of radium-223 dichloride (Ra-223) on hospitalisation: An analysis from the phase 3 randomised Alpharadin in Symptomatic Prostate Cancer Patients (ALSYMPCA) trial. Eur J Cancer 2017 Jan 6;71:1-6. Epub 2016 Dec 6.

Ariana Chao, Margaret Grey, Robin Whittemore, Jonathan Reuning-Scherer, Carlos M Grilo, Rajita Sinha. "Examining the mediating roles of binge eating and emotional eating in the relationships between stress and metabolic abnormalities." J Behav Med 2016 Apr 21;39(2):320-32. Epub 2015 Dec 21.

Paul Cislo and Jonathan D. Reuning-Scherer . "Effect of radium-223 dichloride (Ra-223) on risk for and duration of hospitalization in ALSYMPCA by docetaxel (D) subgroup." Journal of Clinical Oncology, 2015 Genitourinary Cancers Symposium (February 26-28, 2015). Vol 33, No 7_suppl (March 1 Supplement), 2015: 254

J. Balch, D. Nepstad, L. Curran, P. Brando, O Portelab, P. Guilgermeg. J. Reuning-Scherer, O. Carvalho. " Size, species, and fire behavior predict tree and liana mortality from experimental burns in the Brazilian Amazon". Forest Ecology and Mangement, Jan, 2011.

K.K. Karanth, L.M. Curran, J.D. Reuning-Scherer. "Village Size Does Matter : Measuring the Ecological Footprint of Villages in Bhadra Wildlife Sanctuary, Western Ghats, India." AMBIO, October, 2005.

I.H. Gomolin, P.F. Siami, J.D. Reuning-Scherer, D.C. Haverstock, A. Heyd. "Efficacy and safety of ciprofloxacin oral suspension versus trimethoprim-sulfamethoxazole oral suspension for treatment of older women with acute urinary tract infection." Journal of the American Geriatric Society, 2001; 49: 1606-13.

D.A. Talan, W.E. Stamm, T.M. Hooton, G.J. Moran, T. Burke, A. Iravani, J. Reuning-Scherer, D.A. Church. "Comparison of Ciprofloxacin (7 Days) and Trimethoprim-Sulfamethoxazole (14 Days) for Acute Uncomplicated Pyelonephritis in Women. The Journal of the American Medical Association, March 22, 2000.

P.M. Doraiswamy, F. Bieber, J. Reuning-Scherer, K.R.R. Krishnan, L. Kaiser, and B. Gulanski. "Memory, Language, and Praxis in Alzheimer's Disease: Norms for Outpatient Clinical Trial Populations", Psychopharmacological Bulletin, Vol 33, 1997.