

# Programming with Big Data

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## Tandy Warnow

David Bruton Jr. Centennial Professor of Computer Sciences at the University of Texas at Austin. From 2009-2011 she was the Chair of the NIH BDMA study section, and is now an NSF program officer working on BIGDATA.



## Jan Vitek

Professor of Computer Science and Faculty Scholar at Purdue University. He led the development of the OVM real-time Java virtual machine and the Thorn distributed programming language. He is currently the chair of the ACM SIGPLAN.



## Luke Tierney

Ralph E. Wareham professor of Mathematical Sciences and chair of the Department of Statistics and Actuarial Sciences at the University of Iowa. He is a member of the R Core developer group.



## Vince Carey

Associate Professor of Medicine (Biostatistics), Harvard Medical School. He is co-founder and core member of Bioconductor, and inaugural editor of The R Journal. He develops methods for longitudinal and clustered data analysis.



## Martin Morgan

Senior Staff Scientist at the Fred Hutchinson Cancer Research Center (FHCRC) in Seattle. He is the director of the Bioconductor project.

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## Mario Wolczko

Architect at Oracle Labs. His research interests include virtual machines and dynamic languages, computer architecture and memory systems design, garbage collection and performance instrumentation and analysis.



## Jeff Foster

Associate Professor at the University of Maryland, College Park. His research focuses on programming languages and software engineering approaches to making software easier to write and more reliable, secure, and available.



## Jong Bhak

Associate professor at KAIST, Korea, and director of the Personal Genomics Institute. His group analyzed the first Korean human genome and the first publicly available female genome.



## David Padua

Donald Biggar Willett Professor of Engineering at the University of Illinois at Urbana-Champaign. His interests include compilers, programming tools, machine organization, and parallel computing. He is a fellow of the IEEE and the ACM.



## Duncan Temple Lang

Associate Professor at the Department of Statistics at U.C. Davis. He is one of the developers of R and the S4 engine. His research focuses on the next generation of information technology and integrating it with statistics.

Organizers

William Cleveland, *Purdue*  
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Support

