

## **Best Paper award**

The editors of *Network Science* are pleased to announce the winner of the inaugural Best paper award. Announced at the NetSci 2017 conference, the winning paper was chosen from the journal's first four volumes.

Engineering Social Contagions: Optimal Network Seeding in the Presence of Homophily

Sinan Aral, Lev Muchnik, Arun Sundararajan Network Science: Vol 1, Issue 2

For more on the award and to access the winning paper, visit **cambridge.org/nws/bestpaper**.





### **NETWORK SCIENCE**

Volume 5 Number 3

# Special Issue on Networks and Health edited by Jimi Adams, David Schaefer, and Thomas Valente

#### CONTENTS

#### Articles

The coevolution of networks and health	
DAVID R. SCHAEFER AND JIMI ADAMS	249
Dynamic associations of network isolation and smoking behavior	
MOLLY COPELAND, BRYCE BARTLETT AND JACOB C. FISHER	257
The co-evolution of emotional well-being with weak and strong friendship ties	
TIMON ELMER, ZSÓFIA BODA AND CHRISTOPH STADTFELD	278
Social influence on 5-year survival in a longitudinal chemotherapy ward co-presence network	
JEFFREY LIENERT, CHRISTOPHER STEVEN MARCUM, JOHN FINNEY,	
FELIX REED-TSOCHAS AND LAURA KOEHLY	308
Forward reachable sets: Analytically derived properties of connected components for dynamic networks	
BENJAMIN ARMBRUSTER, LI WANG AND MARTINA MORRIS	328
Interactions between patients' experiences in mental health treatment and lay social network attitudes toward doctors in recovery from mental illness	
BREA L. PERRY, ERIN PULLEN AND BERNICE A. PESCOSOLIDO	355
Network dynamics of HIV risk and prevention in a population-based cohort of young Black men who have sex with men	
J. SCHNEIDER, B. CORNWELL, A. JONAS, N. LANCKI, R. BEHLER, B. SKAATHUN, L. E. YOUNG, E. MORGAN, S. MICHAELS, R. DUVOISIN, A. S. KHANNA,	
S. FRIEDMAN, P. SCHUMM, E. LAUMANN AND FOR THE UCONNECT STUDY TEAM	381

#### **Manuscript Submission Guidelines**

Manuscripts for consideration for *Network Science* should be submitted electronically, using the Manuscript Central System at http://journals.cambridge.org/NWS. This system will allow authors to benefit from faster review and earlier, online publication. Authors who are unable to submit online should contact the NWS Editorial Office (at networkscience@cambridge.org) for assistance.

#### **EDITORS**

Ulrik Brandes, Computer Science and Mathematics, University of Konstanz, Germany

Ronald Breiger, Social and Political Science, University of Arizona, USA

Noshir Contractor, Communication, Management, and Computational Social Science, Northwestern University, USA

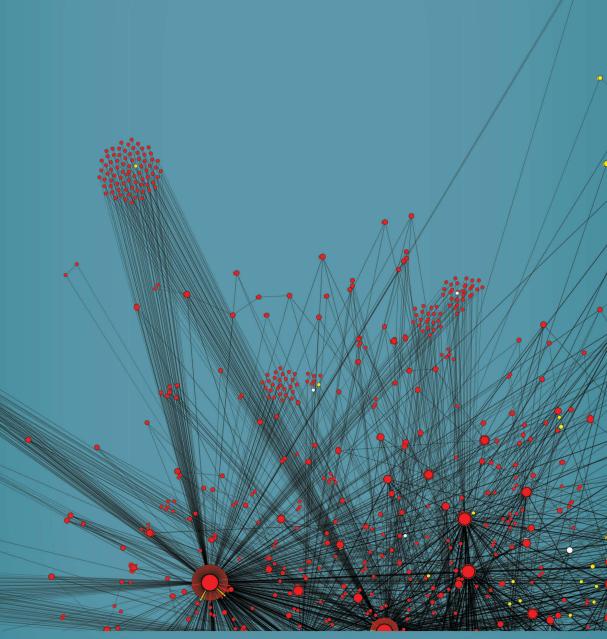
Filippo Menczer, Information Science, Indiana University, USA

Jaideep Srivastava, Engineering and Web Science, University of Minnesota, USA
Thomas Valente, Public Health and Medicine, University of Southern California, USA

Fernando Vega-Redondo, Economics, Bocconi University, Italy

Alessandro Vespignani, Physics, Northeastern University, USA

Stanley Wasserman (Coordinating Editor), Statistics and Behavioral Science, Indiana University, USA



#### **Cambridge Core**

For further information about this journal please go to the journal web site at:

cambridge.org/nws

CAMBRIDGE UNIVERSITY PRESS