

## James Moody

Curriculum Vitae  
October 2017

### Office:

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Duke University  
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### Home:

143 Pinecrest Road  
Durham, NC 27705  
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### **Education**

1999. Ph.D. in Sociology from the University of North Carolina – Chapel Hill  
Dissertation: “The Structure of Adolescent Social Relations: Modeling Friendship in Dynamic Social Settings.” Peter S. Bearman, Chair  
Field Exams: Quantitative Methods and Sociological Theory (with Distinction)
1997. MA in Sociology from the University of North Carolina – Chapel Hill  
Thesis: “The Contextual Determinants of School Attachment.” Peter S. Bearman, Chair
1992. BS in Political Science and Philosophy from the University of Oregon; *Magna cum Laude*

### **Academic Positions**

- 2014 - Distinguished Adjunct Professor, King Abdulaziz University, Saudi Arabia  
2011 - Robert O. Keohane Professor of Sociology, Duke University  
2010 - Founding Director, Duke Network Analysis Center. The DNAC is a service unit within the Social Science Research Institute that provides training, consulting and technical support for a wide variety of social network research projects.  
2010 - Full Professor, Department of Sociology, Duke University  
2006 – 2010 Associate Professor, Department of Sociology, Duke University  
2004 – 2006 Associate Professor, Department of Sociology, Ohio State University  
1999 – 2004 Assistant Professor, Department of Sociology, Ohio State University

### **Publications**

#### *Books:*

Moody, James. *Visualizing Social Interaction: A Graphical Introduction to Social Networks* (in contract, Princeton University Press).

Ryan Light and James Moody. *The Oxford Handbook of Social Networks*. Oxford University Press (Scheduled to appear 2017)

#### *Articles and Chapters:*

2017. Edelmann, Achim, James Moody and Ryan Light. 2017. “[When Scientists Take a Stand on Contentious Issues: Disparate Foundations of Scientists' Policy Positions on Contentious Biomedical Research](#)” *Proceedings of the National Academies of Science*. 114(24): 6262–6267. doi: 10.1073/pnas.1613580114

Sinkovitz, Robert S., James Moody, B. Tolga Oztan and Douglas R. White. 2017. “Fast Determination of Structurally Cohesive Subgroups in Large Networks” *Journal of Computational Science*. 62-72. (manuscript ID: NIHMS823880)

Moody, James, jimi adams, and Martina Morris. 2017. “Epidemic Potential by Sexual Activity Distributions” *Network Science*. , 1-15. doi:10.1017/nws.2017.3.

Jordynn Jack, L. Gregory Appelbaum, Elizabeth Beam, Scott A. Huettel, and James Moody. “Mapping Rhetorical Topologies in Cognitive Neuroscience.” *Persuasive*

*Topologies: Equipment for a Post-Critical Rhetoric of Technoscience, Media, and Culture*. Eds. Lynda Walsh and Casey Boyle. New York: Palgrave Macmillan, 2017.

- Moody, James. 2017. "What Can Political Science Learn from Sociology?: An Interview with James Moody" *The Oxford Handbook of Political Networks*. Eds Jennifer Nicoll Victor, Alexander H. Montgomery, and Mark Lubell. DOI: 10.1093/oxfordhb/9780190228217.013.43
2016. Moody, James and Richard A. Benton. 2016. "Interdependent Effects of Cohesion and Concurrency for Epidemic Potential" *Annals of Epidemiology* 26:241-2488. doi: 10.1016. PubMedid: PMC4851919
- Keister, Lisa A, Richard A. Benton, James Moody. 2016. "Lifestyles through Expenditures: A Case-Based Approach to Saving" *Sociological Science* 650–684: PMC5125729
- Shi, Ying and James Moody. 2016. "Most Likely to Succeed: Long-run returns to Adolescent Popularity" *Social Currents* (Forthcoming)
- Smith, Jeff, Jonathan Morgan and James Moody. 2016. "Network Sampling Coverage II: The Effect of Non-random Missing Data on Network Measurement" *Social Networks* 48:78-99. PMID: 27867254
- Dupre, ME, James Moody, A Nelson, JM Willis, L Fuller, AJ Smart, D Easterling, M. Silberberg. 2016. "Place-based Initiatives to Improve Health in Disadvantaged Communities: Cross-Sector Characteristics and Networks of Local Actors in North Carolina." *American Journal of Public Health*. 106:1548-1555. PMID: 27459443
- Kreager, Derek A., Lauren E. Molloy, James Moody and Mark E. Feinberg. 2016. "Friends First? The Peer Network Origins of Adolescent Dating" *Journal of Research on Adolescence* 26:257-269. PMID: 27134511
2015. Merli, M. Giovanna, James Moody, Joshua Mendelsohn and Robin Gauthier. "Heterosexual mixing in Shanghai: Are heterosexual contact patterns in China compatible with an HIV/AIDS epidemic?" *Demography*. 52:919-942 PMID: PMC4466078
- Verdery, Ashton M., M. Giovanna Merli, James Moody, Jeffrey Smith, Jacob C. Fisher. "Assessment of multiple respondent driven sampling estimators under real and theoretical recruitment conditions in empirical populations of female sex workers in China" *Epidemiology* 26:661-665. PMID: 26214337
- Casalino, Lawrence P., Michael F. Pesko, Andrew M. Ryan, David J. Nyweide, Theodore J. Iwashyna, Xuming Sun, Jayme Mendelsohn and James Moody. "Physician Networks and Ambulatory Care Admissions" *Medical Care* 53:534-41. PMID: 25906013
- Moody, James and John Coleman. 2015. "Clustering and Cohesion in Networks: Concepts and Measures." In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences, 2nd edition, Vol 3*. Oxford: Elsevier. pp. 906–912.
- Yamanis, Thespina J., Jacob C. fisher, James Moody, and Lusajo J. Kajula. "Young Men's Social Network Characteristics and Associations with Sexual Partnership Concurrency in Tanzania" *AIDS and Behavior*. Forthcoming (available online 814.15).

- Temkin, Deborah. A, Scott D. Gest, D. Wayne Osgood, Mark Feinberg, and James Moody  
“Social Network Implications of Normative School Transitions in Non-Urban School Districts” *Youth & Society* 1-23.  
<http://journals.sagepub.com/doi/full/10.1177/0044118X15607164>
2014. Osgood, D. W., Mark E. Feinberg, Lacey N. Wallace, James Moody. “Friendship Group Position and Substance Use.” *Addictive Behaviors*. 39:923-33. [pubmed ID: 24389068]
- Mani, Dalhia and James Moody “Moving beyond stylized economic network models The Hybrid World of the Indian Firm Ownership Network” *American Journal of sociology* 119:1629-1669 [pubmed ID: 25418990 PMID: PMC4237026]
- Beam, Elizabeth, L. Gregory Appelbaum, Jordynn Jack, James Moody and Scott A. Huettel “Mapping the Semantic Structure of Cognitive Neuroscience” *Journal of Cognitive Neuroscience* 26:1949-65 [pubmed ID: 24666126]
- Healy, Kieran and James Moody. “Data Visualization in Sociology.” *Annual Review of Sociology*. 40:105-128. PMID: 25342872
- Borrett, Stuart R., James Moody & Achim Edelman. “The Rise of Network Ecology: Maps of the topic diversity and scientific collaboration” *Ecological Modeling* (Available online; DOI: 10.1016/j.ecolmodel.2014.02.019)
- Merli, M. Giovanna, James Moody, Jeff Smith, Jing Li and Sharon Weir. 2014. “Challenges to Recruiting Population Representative Samples of Female Sex Workers in China using Respondent Driven Sampling” *Social Science & Medicine* (available online; DOI: 10.1016/j.socscimed.2014.04.022) [pubmed id: 24834869 PMID: PMC4214891]
- Leahey, Erin & James Moody. 2014. “Sociological Innovation through Subfield Integration” *Social Currents* 1: 228-256
- McFarland, Daniel A., James Moody, Jeff Smith, David Diehl and Reuben J. Thomas. “Adolescent Societies - Their Form, Evolution, and Variation.” *American Sociological Review*. 79: 1088-1121
2013. Moody, James & Peter J. Mucha. “Portrait of Political Party Polarization” *Network Science*.1:119-121
- Jeff Smith and James Moody. 2013. “Network Measurement Error and Sampling Coverage I: Nodes missing at random.” *Social Networks* 35: 652-668. PubMed id: 24311893 PMID: PMC3846431
- jimi adams, James Moody, and Martina Morris. 2013. “Sex, Drugs, and Race: How Behaviors Differentially Contribute to the Sexually Transmitted Infection Risk Network Structure.” *American Journal of Public Health*: 103:322-329. (doi: 10.2105/AJPH.2012.300908. PubMedId: 23237162 PMID: PMC3558752)
- Gauthier, Robin & James Moody. 2013. “Anatomies of Kinship: Change and Diversity in the Formal Structure of American Families” in *Families and Child Health* edited by Nancy Landale, Susan McHale, and Alan Booth
- Osgood, D. W., Ragan, D. T., Wallace, L., Gest, S. D., Feinberg, M. E., & Moody, J. “Peers and the emergence of alcohol use: Influence and selection processes in adolescent friendship networks.” *Journal of Research on Adolescence* 23:500-512. (NIHMSID #458923; doi:10.1111/jora.12059, PubMed ID: 24307830 PMID: PMC3844135)
- Warren, Keith L., Nathan Doogan, George de leon, Gary S. Philips, James Moody, and Ashleigh Hodge. “Short-Run Prosocial Behavior in Response to Receiving

- Corrections and Affirmations in Three Therapeutic Communities” *Journal of Offender Rehabilitation*. 52:270-286
- Osgood, D. Wayne, Mark E. Feinberg, Scott D. Gest, James Moody, Daniel T. Ragan, Richard Spoth, Mark Greenberg, and Cleve Redmond. “Effects of PROSPER on the Influence Potential of Prosocial Versus Antisocial Youth in Adolescent Friendship Networks” *Journal of Adolescent Health* 53: 174-179 [pubmed ID 23885960]
2012. Yamanis, Thespina J., M. Giovanna Merli, William Whipple Neely, Feng Tian, James Moody, Xiaowen Tu, Ersheng Gau. “ An empirical analysis of the impact of recruitment patterns on RDS estimates among a socially ordered population of female sex workers in China” *Sociological Methods and Research*. doi: 10.1177/0049124113494576 [pubmed ID: 24288418]
- jimi adams, James Moody, Stephen Q. Muth and Martina Morris. “Quantifying the benefits of link-tracing designs for partnership network studies.” *Field Methods* May 24: 175-193. NIHMSID # 437030 [PubMed ID
- Cleveland, Michael J., Mark E. Feinberg, D. Wayne Osgood, James Moody “Do peers’ parents matter for adolescent substance use? A new link between positive parenting and adolescent substance use” *Journal of Studies on Alcohol and Drugs* 73:423-433 [pubmed id 22456247]
2011. Light, Ryan & James Moody. “Dynamic Building blocks for science” *Quality & Quantity* 29:1-6.
- Moody, James, Wendy D. Brynildsen, D. Wayne Osgood, Mark E. Feinberg, Scott Gest. “Popularity Trajectories and substance use in early adolescence.” *Social Networks*. 33:101-112 [pubmed ID: 21765588 PMCID: PMC3134363]
- Kreager, Derek A. Kelly Rulison, James Moody. “Delinquency and the Structure of Adolescent Peer Groups” *Criminology* 49:95-127
2010. Gest, Scott D., D. Wayne Osgood, Mark Feinberg, Karen L. Bierman, and James Moody. “Strengthening Prevention Program Theories and Evaluations: Contributions from Social Network Analysis.” *Prevention Science* 12:349-360
- Moody, James. Mark E. Feinberg, D. Wayne Osgood, Scott D. Gest. 2010 “Mining the Network: Peers and Adolescent Health” *Journal of Adolescent Health* 47:324–326.
2009. James Moody and Pamela Paxton. “Building Bridges: Linking Social Capital and Social Networks to Improve Theory and Research.” *American Behavioral Scientist* 52: 1491-1506.
- Morris, Martina, Ann E. Kurth, Devon T. Hamilton, James Moody, Steve Wakefield. “Concurrent Partnerships and HIV Prevalence disparities by race: Linking science and public health.” *American Journal of Public Health*. 99:1023-1031. PMCID: PMC2679771
- Iwashyna, Theodore, J., Jason D. Christie, James Moody, Jeremy M. Kahn, David A. Asch. “The Structure of Critical Care Networks.” *Medical Care* 47:787-793.
- Moody, James. “Network Dynamics.” *Oxford Handbook of Analytical Sociology* ed. by Peter Hedstrom and Peter S. Bearman, p.447-474.

2008. Bender-deMoll Skye, Martina Morris, James Moody. "Prototype Packages for Managing and Animating Longitudinal Network Data: dynamicnetwork and rSoNIA." *Journal of Statistical Software*, 24(7). <http://www.jstatsoft.org/v24/i07/>.
2007. Gest, Scott D., James Moody and Kelly L. Rulison. "Density or Distinction? The Roles of Data Structure and Group Detection Methods in Describing Adolescent Peer Groups." *Journal of Social Structure* 8:1.
- Gest, Scott D., Alice J. Davidson, Kelly L. Rulison, James Moody and Janet A. Welsh. "Features of Groups and Status Hierarchies in Girls' and Boys' Early Adolescent Peer Networks." *New Directions in Child and Adolescent Development* 118:43-60.
- Morris, Martina, Steve Goodreau and James Moody. "Sexual Networks, Concurrency, and STD/HIV." In *Sexually Transmitted Diseases*, 4th Edition. King K Holmes, P. Frederick Sparling, Walter E. Stamm et al. New York: McGraw-Hill p109-126.
2006. Adams, Jimi and James Moody. "To tell the truth: informant accuracy in sexual networks." *Social Networks* 29:44-58.
- Moody, James and Ryan Light. "A View From Above: The Evolving Sociological Landscape." *The American Sociologist* 38:67-86.
- Moody, James. "Trends in Sociology Titles." *The American Sociologist*. 37:77-80.
- Moody, James. "Fighting a Hydra: A Note on the Network Embeddedness of the War on Terror." *Structure and Dynamics: eJournal of Anthropological and Related Sciences*: 1(2): article 9. <http://repositories.cdlib.org/imbs/socdyn/sdeas/vol1/iss2/art9>.
- Moody, James and Martina Morris. "Social Networks (Economic Relevance)." in *Handbook for Economic Sociology*, Palgrave Press.
- Moody, James and Erin Leahey. "Network Foundations for the Diffusion of Innovations." in *The Acceptance and Diffusion of Innovation*, American Sociological Association, Center for the Advancement of Scholarship on Engineering Education. p171-177.
2005. Moody, James, Daniel A. McFarland and Skye Bender-DeMoll. "Dynamic Network Visualization: Methods for Meaning with Longitudinal Network Movies." *American Journal of Sociology* 110:1206-1241.
2004. Bearman, Peter S. and James Moody. "Suicide and Friendships Among American Adolescents." *American Journal of Public Health*. 94:89-95. PMID: PMC1449832
- Moody, James. "The Structure of a Social Science Collaboration Network: Disciplinary Cohesion from 1963 to 1999." *American Sociological Review*. 69:213-238.
- Bearman, Peter S., James Moody, and Katherine Stovel. "Chains of Affection: The Structure of Adolescent Romantic and Sexual Networks." *American Journal of Sociology* 110:44-91.
- Winner of the *American Journal of Sociology* Annual Gould Prize for best paper.

- White, Douglas R., Jason Owen-Smith, James Moody, and Walter W. Powell. "Networks, Fields and Organizations: Micro-Dynamics, Scale and Cohesive Embeddings." *Computational and Mathematical Organization Theory* 10:95-117.
- Bearman, Peter S, James Moody, Katherine Stovel and Lisa Thaijl. "Social and Sexual Networks: The National Longitudinal Study of Adolescent Health." In *Network Epidemiology* Martina Morris (Editor), Cambridge University Press.
2003. Moody, James and Douglas R. White. "Structural Cohesion and Embeddedness: A hierarchical conception of Social Groups." *American Sociological Review* 68:103-127.  
- Winner of the ASA Mathematical Sociology Section award for best article publication, 2004.
2003. Paxton, Pamela and James Moody. "Structure and Sentiment: Explaining Emotional Attachment to Group." *Social Psychology Quarterly* 66:34-47.
2002. Moody, James. "The Importance of Relationship Timing for Diffusion." *Social Forces* 81:25-56.
- Bearman, Peters S., James Moody and Robert Farris. "Networks and History." *Complexity*. 8:61-71.
2001. Moody, James. "Race, School Integration, and Friendship Segregation in America." *American Journal of Sociology* 107: 679-716.
- Moody, James. "Peer Influence Groups: Identifying Dense Clusters in Large Networks." *Social Networks* 23:261-283.
2000. Renzulli, Linda A., Howard E. Aldrich, and James Moody. "Family Matters: Gender, Networks, and Entrepreneurial Outcomes." *Social Forces* 79:523-546.
- Reprinted in *Women Entrepreneurs* (2005) edited by Patricia Greene, Candida S. Brush, Nancy M. Carter, Elizabeth Gatewood and Myra M. Hart. Edward Elgar Publishing
1999. Ford, Carol, Peter S. Bearman, and James Moody. "Health Care Utilization Among Adolescents." *Journal of the American Medical Association* 282:2227-2234.
- Bearman, Peter S., Robert Farris, and James Moody. "Blocking the Future: New Solutions for Old Problems in Historical Social Science." *Social Science History* 23: 501-535.
1998. Moody, James. "Matrix Methods for Calculating the Triad Census." *Social Networks*. 20:291-299.
1994. Kalleberg, Arne and James Moody. "Human Resource Management and Organizational Performance." in *American Behavioral Scientist*. 37:948-962.
- Reprinted in Kalleberg, Knoke, Marsden and Spaeth (Editors) *Organizations In America: Analyzing their Structures and Human Resource Practices*. 1996. Sage.

Textbooks:

2011. Craig Calhoun, Joe Gerties, James Moody, Steve Pfaff, Kathryn Schmidt, and Indermohan Virk (Editors). *The Sociological Theory Reader Volume 1: Classical Theory (3<sup>rd</sup> edition)*. Blackwell Press.
2011. Craig Calhoun, Joe Gerties, James Moody, Steve Pfaff, and Indermohan Virk (Editors). *The Sociological Theory Reader Volume 2: Contemporary Theory (2<sup>nd</sup> edition)*. Blackwell Press. (3<sup>rd</sup> Ed. First two editions in 2002, 2006).

*Edited Journal Volumes:*

2009. Paxton, Pamela and James Moody. 2-volume special issue of the *American Behavioral Scientist* on links between Social Capital and Social Networks.

*Book Reviews:*

2008. Moody, James. "Methods for Meaning in a Multi-World Sociology." *American Journal of Sociology*.
2007. Moody, James. "The Sexual Organization of the City." *Social Networks* 29: 340-348.
2002. Moody, James. "Markets From Networks." *Social Forces*. 81:663-664.
2001. Moody, James. "Network Exchange Theory." *Social Forces*. 80: 356-357.

*Technical Manuscripts and White Papers:*

2011. James Moody. How many Americans know a service member?
2005. James Moody and Erin Leahey. "Network Foundations for the Diffusions of Innovations." National Science Foundation white paper.  
- Reprinted, 2007, in ASA special volume on diffusion (CD).
- 1998 - present. Moody, James. *SPAN: SAS Programs for Analyzing Networks*. University of North Carolina at Chapel Hill (*updated at random intervals*).
1997. Bearman, Peter S., James Moody and Katherine Stovel. "The Add Health Network Variable Codebook." University of North Carolina at Chapel Hill (35 pp).

*Papers in Review:*

*Working Papers / Papers in Purgatory:*

- Moody, James. "Static Representations of Dynamic Networks."
- Moody, James. "Lonely or Mislead? The Effects of Social Integration on Weapon Carrying Among American Adolescents."
- Downey, Doug, James Moody and Donna Bobbit-Zeher. "Academic Success and Popularity Among Black Adolescents: Do Blacks Face a Burden of 'Acting White?'"
- Moody, James and Peter S. Bearman. "Attachment to School."

**Grants**

*Funded:*

2017. Orr, Mark (PI), Christian Lebiere, James Moody, Peter Pirolli, Joseph Austerweil, Noah Goodman, Monica Capra. "Homo SocioNeticus: Scaling the cognitive foundations of online social behavior" Defense Agency Research Projects Agency (DARPA).

- Virginia Tech is lead, with subs from 6 other universities (\$6.7M Total, ~300K to Duke).
- Volfovsky, Alex. Katherine Heller, James Moody. "Building Better Teams: A network analysis approach" Army Research Office. (\$850K)
2015. Moody, James. "Focused Training in Social Networks and Health" NICHD, R25HD079352-01A1 (\$840K)
- Social Science Challenge Grant. "Health Connectivity: Identifying social relations underlying health and health disparities"
2014. Moody, James. "Cohesion & Connectivity: methods for identifying endemic diffusion in dynamic networks." James S. McDonnell Foundation Complexity Scholars award (\$450K).
2013. Moody, James & Peter J. Mucha. "Models and Tools for Dynamic Health-Relevant Diffusion over Complex Networks" NICHD (1 R01 HD075712-01), R01 (\$1.8M)
- Osgood, Wayne. Mark E. Feinberg, Scott Gest, Derek Kreager, James Moody, Sonja Siennick. "Friendship Networks and Emergence of Substance Use" NIDA, R01 DA018225-05A1
2011. Moody, James. "Simulation Models for Diffusion over Multirelational Dynamic Networks" NICHD (1R21HD068317-01), R21 (\$406K)
- Merli, Maria-Giovanna, James Moody, W. "Using Multiple Data Sources to Improve Respondent Driven Sampling Estimation" NIH (1 R01 HD068523) (\$1.2M)
- Casalino, Lawrence P., James Moody, Theodore Iwashyna,. "Physician Practice Networks: Identification, Innovation, Quality and Cost of Care" Robert Wood Johnson Foundation
- Messer, Lynn (PI), Kathryn Whetten, and James Moody. "Pathways to health and well-being: Social networks of orphaned and abandoned youth" NIH, R21.
2010. Moody, James. "Duke Network Analysis Center." Duke University. (amount on request, secure funding for 3 years with option to renew for 5)
- Sanders, Seth G., James Moody Maria-Giovanna Merli. "Duke Population Research Institute" NIH, R24. \$1.1M.
- Yamanis, Nina and James Moody. "Exploring Social Network Influences on Sexual Partnership Concurrency among Young Men in Tanzania" Duke Center for Aids Research (CFAR) (\$40,000).
2007. Osgood. D. Wayne, Mark Feinberg, James Moody, Karen Bierman and Scott Gest. "Adolescent Friendship Networks and the Emergence of Substance use." Funded jointly by NIDA and the Robert Wood Johnson foundation, \$256K to Moody.
2006. Moody, James, Daniel A. McFarland, and Scott Gest. "Social Network Dynamics of Youth: From Local to Global." Human Social Dynamics grant from the National Science Foundation, \$750K total, \$250K to Moody.



2005. Paxton, Pamela and James Moody. "Social Capital and Social Networks." American Sociological Association Funds for the Advancement of the Discipline, \$7000.
2003. Keister, Lisa and James Moody. "Childhood Family Processes and Adult Wealth." National Institutes of Health, \$500K.
2001. Morris, Martina, Mark Handcock, James Moody, Richard B. Rothenberg, David Hunter. "Modeling HIV and STD in Drug User and Sexual Networks." NIDA, \$2M total, \$137K to Moody.
- Moody, James. "ITR/SOC: The Structure and Dynamics of Electronic Social Networks." National Science Foundation, \$196K.
- Moody, James. "The Structure of Student Electronic Communication at The Ohio State University." College of Social and Behavioral Sciences Small Grant Award, \$1,000.
- Moody, James. "Networks and Neighborhoods: To Dwell Among Friends Revisited." Center for Survey Research – Social Behavioral Sciences Faculty Fellowship Award, \$10,000.
- Moody, James, Lauren Krivo and Ruth Peterson. "Networks and Neighborhoods." Social and Behavioral Sciences Special Grant, \$8,400.
1998. Bearman, Peter S. and James Moody. "Social Networks for Discussing Important Matters." University of North Carolina Research Council Grant, Institute for Research in the Social Sciences, \$1000.
1995. Moody, James and Pamela Paxton. "Social Structure in a Southern Sorority: A Longitudinal Network Study." University of North Carolina Research Council Grant, Institute for Research in the Social Sciences, \$1000.

#### **Grant Consultant**

- 2009 – 2013. Warren, Keith. (Ohio State) "Maintenance and Correlates of Cooperative Behavior in Corrections-Based Therapeutic Communities." NIDA R21.
- 2009 – 2013. Iwashyna, Theodore J. (U Michigan) "The structure and outcomes of critical care transfer network." K08, National Advisory Board Member, NHLBI grant 1K08HL091249.
- 2009 – 2011 Barcelo, H. (MPI), Hanish, L. D. (MPI), Martin, C. L. (Co-I), & Fabes, R. A. (Co-I). *Application of discrete homotopy theory to the study of children's social networks.* NIDA.
- 2007 – 2009. Chin, John (PI). "Sex and Drug networks in NYC." NIDA.
- 2003 - 2005. Kinsman, Sara (PI) "Popular Students' Influence on Peers' Sexual Initiation." RO3HD40224. NIH/NICHHD.
- 2003 - 2005. Kinsman, Sara (PI) "Popular Student' Influence on Their Health." Robert Wood Johnson Foundation (#048476).
- 2002 - 2004. Ennett, Susan. "The Context of Adolescent Substance Use." NIDA. R01 DA13459.

#### **Honors and Awards**

2014. Named a Thomson Reuters Highly Cited Researcher, for authorship of papers in the top 1% of citations.
2011. Named Robert O Keohane Professor of Sociology and membership into the Bass Society of Fellows, Duke University.

- 2005. Gould Award for “Chains of Affection.” awarded by the *American Journal of Sociology* for papers that best exemplify the clarity, insight and sociology of Roger Gould.
- 2004. Outstanding Faculty Award, Department of Sociology, Ohio State University.
- 2004. Mathematical Sociology Section Outstanding Article Publication Award for “Structural Cohesion and Embeddedness.” *ASR* 68:103-127.
- 2004. Freeman Award, given by INSNA to "a distinguished scholar in the field of social networks for significant contributions to the scientific study of social structure."
- 2002. Nominated for University Undergraduate Teaching Award, Social Theory.
- 1998. Howard Odum Award for Outstanding Graduate Study. UNC - Sociology Department.
- 1995. Chosen as Associate Editor for *Social Forces*, Richard L. Simpson, Editor.

**Presentations** (incomplete. I simply don't list them anymore. I typically give 5-6 talks per year including training seminars, conferences & substantive talks on research projects)

(Online versions of some can be found at: <http://www.soc.duke.edu/~jmoody77/presentations/index.htm> )

- 2015. Verdery, Ashton, Giovanna Merli, James Moody, Jeffrey Smith. “Innovations in the Recruitment of Respondent Driven Samples for Improved Inference to Hidden Populations” Population Association of America Meetings.
- Verdery, Ashton M. Nalyn Siripong, Jonathan Daw, James Moody. “The Demographic Transition, Social Network Change, and the Size of the West African Ebola Outbreak” Population Association of America Meetings
- Moody, James & Richard Benton. “Interdependent Effects of Cohesion and Concurrency for Epidemic Potential” Sunbelt Social Networks Conference.
- Moody, James. “Reconstructing the Ship of Theseus: Group and Role trajectories in American Adolescents” Presented at UNC Sociology Colloquium
- Moody, James. “Reconstructing the Ship of Theseus: Group and Role trajectories in American Adolescents” Presented at King Abdulaziz University
- Moody, James & Richard Benton. “Interdependent Effects of Cohesion and Concurrency for Epidemic Potential” ASA conference.
- Copeland, Molly, Jake Fisher, James Moody & Mark Fienberg. “The Dimensions of Social Isolation in Adolescence” ASA conference.
  
- 2012, Moody, James. “Connecting the dots: Network models for diffusion, social integration and health” invited presentation, University of Southern California, Dec 2012
- Moody, James. “Scientific Integration in Sociology” American Sociological Association meeting, Denver, August 2012
- Merli, Giovanna, James Moody, Jing Li, Jake Fisher, Sharon Weir, Xiangsheng Chen “From Theoretical to Real-World Networks: Using Empirical Samples of Female Sex Workers in China to Evaluate Respondent-Driven Sampling” Population Association of America Meeting, May, San Francisco
- Merli, Giovanna, James Moody , S. Joshua Mendelsohn “The Role of Sexual Networks in the Chinese HIV Epidemic” Population Association of America Meeting, May, San Francisco
  
- 2011. Moody, James. Popularity Trajectories and Substance Use in early Adolescence. University of Texas, Austin. (Harrington Symposium)
  
- Moody, James. “Reconstructing the Ship of Theseus: Groups, Roles & Trajectories in Early Adolescent Friendship Networks” Bruce Mayhew Memorial Lecture, University of South Carolina

2010. Moody, James. “More than a Pretty Picture: Visual thinking in network studies”  
Networks and Complex Systems, Indian University  
Osgood, D. Wayne , Mark E. Feinberg, Scott D. Gest, James Moody, and Karen L. Bierman. 2010a, June. “Prevention and Adolescents’ Friendship Networks: Impact of an Evidence Based Program on the Social Status of Antisocial Versus Prosocial Youth.” Poster presented at the annual meeting of the Society for Prevention Research, Denver, CO.
2009. Moody, James. Popularity Trajectories and Substance Use in early Adolescence. Sunbelt Social Networks Conference, San Diego CA, March  
Moody, James and Jeff Smith. “Network Visualizations for Diffusion Studies.” JSM, DC, August  
Moody, James. “More than a pretty picture” ICENSA complex systems talk, Notre Dame  
Moody, James. “Diffusion implications of Network Dynamics.” Penn State Network Science Center distinguished lecturer series
2008. Moody, James. “SoNIA: The Social Networks Image Animator.” Sunbelt Social Networks Conference, St. Pete Florida, January  
Moody, James. “Limits of Diffusion on Dynamics Networks.” Penn Sociology Colloquia, February  
Moody, James. “Dynamic Networks: Diffusion, Centrality and Representations.” ASA Midwinter Meetings, Durham, February  
Moody, James. “Diffusion implications of Network Dynamics.” Brown Center for Statistical Sciences, March  
Moody, James. “Diffusion implications of Network Dynamics.” Columbia, RWJ Networks Research Group, March  
Moody, James. “Networks, Structure, Action and Outcomes.”, Arizona State, May
- Moody, James. “Networks, Diffusion and Dynamics.” Princeton Sociology, December  
Moody, James. “Network Processes and the Construction of Disciplines.” American Sociological Association Meetings, Boston, August  
Moody, James, Martina Morris, Jimi Adams, Mark Handcock. “Epidemic Potential on Diverse Networks.” American Sociological Association Meetings, Boston, August  
Moody, James. “Simulating Social Networks.” NISS Exploration Workshop On Agent-Based Modeling, RTI November  
Moody, James. “Measuring Adolescents: Structure and Implications.” Duke Economics Applied Micro group, November
2007. Moody, James. “Network Diffusion.” MAPPS colloquium, Stanford University, May 2007  
Moody, James. “Introduction to Social Network Analysis.” Columbia University, April 2007 (2-day course for RWJ Scholars)  
Moody, James. “Dynamic Social Balance: Modeling Status Hierarchy Among American Adolescents.” Center for Advanced Studies, May 2007  
Moody, James. “The Network Structure of Sociology Production.” Stanford University Sociology Colloquium, March 2007  
Moody, James. “Diffusion over Dynamic Networks.” Yale University, October 2007. Similar version presented at the Duke SSRI seminar series.
2006. Moody, James. “Limits of Diffusion on Dynamic Networks.” Search and Diffusion on Social Networks Workshop, Ithaca NY, November 2006

- Also presented at the MIT-Harvard Joint Economic Sociology seminar, November 2006.
- Also presented at the Stanford SCANCOR seminar, Jan 2007
- Moody, James. "Simulating Social Networks." National Institutes of Health conference on Agent Based Modeling. Bethesda, MD. September 2006
- Moody, James. "Watching Time Fly: Diffusion and Visualization of Dynamic Networks." American Sociological Association presentation, Montreal Canada, August 2006
- Schafer, Kevin M., Laura S. McCloud, Robert L. Feldmann, and James Moody. "The Impact of neighbor Interaction: Examining the Role of Social Trust, Pro-Social Behavior and Networks on Perceived Disorder." American Sociological Association presentation, Montreal Canada, August 2006
- Moody, James. "Diffusion over Dynamic Networks." *NetSci* conference, Bloomington Indiana, May 2006
- Moody, James. and Jimi Adams. "The Relative Contribution of Sex and Drug Ties to STI-Relevant Network Connectivity." Sunbelt Social Networks Conference, Vancouver, British Columbia, April 2006
- Moody, James. "Dynamic Social Balance." Invited presentation, University of California Santa Barbara, February 2006
2005. Morris, Martina, James Moody and Mark Handcock. "Behavior, Networks, and Epidemic Potential: Small changes make big differences." International Society for Sexually Transmitted Disease Research Congress, Amsterdam
- Moody, James. "Network Structure of Sociological Production." American Sociological Association meetings, Philadelphia PA
- Revised version presented at Duke University, September
  - Revised version presented at Indiana University, December
- Moody, James. "Lonely or misled? The effects of social integration on weapon carrying among American adolescents." Presented at the conference on *Applications of Social Network Analysis to the Prevention of Substance Use & Delinquency*, Penn State Program in Health and Human Development Prevention Research, State College, November 11<sup>th</sup>
- Moody, James. "Quality and Inequality in Academic Labor Markets." Presented at the Markets and Organizations workshop, University of Chicago, November 2005
- Downey, Douglas B., James Moody and Donna Bobbitt-Zeher. "Academic Success and Popularity Among Black Adolescents: Do They Face the Burden of Acting White?" American Sociological Association meetings, Philadelphia PA
- Moody, James. "Heart of Sociology." response to Burawoy's call "For Public Sociology," Ohio State Sociology Department Brown Bag, May 2005
- Moody, James. "Dynamic Social Balance." Plenary Award lecture to the Sunbelt Social Network Conference, Redondo Beach California, Feb. 2005
- Jimi Adams and James Moody. "Tell The Truth: Measuring Concordance in Multiply-Reported Network Data."
- Moody, James. "Patterns and Paradox: Network Foundation of Social Capital." presented at the conference on Social Capital and Social Networks, June 2005, Columbus Ohio
2004. Moody, James. "Social Networks, Cohesion, and Epidemic Potential." Department of Mathematics, The Ohio State University. (May 2004)

- Moody, James. "Field and Practice in American High School." Stanford University Workshop on Community and Youth Development (March 2004). Also presented at UT-Austin, Population Research Center (April, 2004)
- Moody, James. "An Introduction to Social Networks Analysis." Presented at the American Sociological Association meetings; San Francisco (August, 2004)
- Moody, James. "Quality and Inequality in Two-sided Matching Markets." presented at the Center for Statistics in the Social Sciences seminar, Seattle Washington (October, 2004)
- Moody, James. "Seminar on Social Networks." 3-day workshop presented at the RWJ scholars group at Columbia University (November, 2004)
2003. Moody, James. "Epidemic Potential in Human Sexual Networks: Connectivity and the Development of STD Cores." Presented at the Institute for Mathematics and its Applications, Conference on "Networks and the Population Dynamics of Disease Transmission." Minneapolis Minnesota. (November, 2003)
- Moody, James. "Social Cohesion and Connectivity: Diffusion Implications of Relational Structure." Presented at the Population Association of America meetings, Minneapolis MN. (May, 2003)
- Douglas R. White and James Moody. "Kinship Networks and Demography." Presented at the Population Association of America meetings, Minneapolis MN. (May, 2003)
- Moody, James. "Lonely or Mislaid? The Effects of Social Integration on Weapon Carrying Among American Adolescents." Presented at the Penn State department of Prevention Science (April, 2003) and the Ohio State University Economics Department (May, 2003).
- Moody, James., Daniel A. McFarland, and Skye Bender-DeMoll. "Dynamic Network Visualization: Methods for Meaning with Longitudinal Network Movies." Workshop on Statistical Inference, Computing and Visualization for Graphs. Stanford University. (Aug, 2003)
- Handcock, Mark S., James Moody, and Carter T. Butts. "Social Networks: A Statistical View." Workshop on Statistical Inference, Computing and Visualization for Graphs. Stanford University. (Aug, 2003)
2002. Moody, James. "An Introduction to Social Network Analysis." CSISS Summer Workshop, 2002 - Accessibility in Space and Time: A GIS Approach
- Moody, James. "Lonely or Mislaid? The Effects of Social Integration on Weapon Carrying Among American Adolescents." Presented at the Workshop on Community and Youth Development, affiliated with the John Gardner Center at Stanford University, April 2002
- Moody, James. "The Structure of a Social Science Collaboration Network: Disciplinary Cohesion from 1963 to 1999." Presented at the University of Chicago Graduate School of Business Organizations and Markets Workshop. February, 2002;  
Presented at The Scandinavian Consortium for Organizational Research (SCANCOR) April, 2002
- Moody, James. "Using the Social Network Data from Add Health." Add Health Users Workshop, Bethesda MD. A similar version was presented at the Sunbelt Social Networks Conference, February 2002, New Orleans.
- Bunn, D. Susanne and James Moody. "Neighborhood effects on Perceived Health Care and Health Care Utilization." 2002 *American Sociological Association Meetings*, August 2002, Chicago.

2001. Moody, James. "Indirect Connectivity and STD Infection Risk: The Importance of Relationship Timing for STD Diffusion." *American Sociological Association*, Regular Session  
Moody, James. "Using the Social Network Data from Add Health." Add Health Users Workshop, Bethesda MD
2000. Moody, James. "Indirect Connectivity and STD Infection Risk: The Importance of Relationship Timing for STD Diffusion." Conference on Partnership Networks and the Spread of HIV and other Infections, Chiang Mai Thailand. Also presented at the Centers for Disease Control, Atlanta GA  
Bearman, Peter S, James Moody, Katherine Stovel and Lisa Thaijl "Social and Sexual Networks: The National Longitudinal Study of Adolescent Health." Conference on Partnership Networks and the Spread of HIV and other Infections, Chiang Mai Thailand  
Moody, James. "Using the Social Network Data from Add Health." Add Health Users Workshop, Bethesda MD
1999. Moody, James. "Balancing Acts: The Foundation of Friendship Structure." Presented at the Sunbelt Social Networks Conference, Charleston SC  
Paxton, Pamela and James Moody. "Cohesion and Connectivity: Network position and attachment to group." Presented at the Sunbelt Social Networks Conference, Charleston SC
1998. Renzulli, Linda A., Howard E. Aldrich and James Moody. "Family Matters: Gender, Networks, and Entrepreneurial Outcomes." Presented at the 8<sup>th</sup> Annual Global Entrepreneurship Research Conference, Fontainebleau Cedex, France.  
Moody, James. "A General Method for Creating Approximate Conditionally Uniform Random Graphs." Presented at the Sunbelt Social Networks Conference. Sitges, Spain  
Bearman, Peter S., James Moody and Bob Faris. "Casing History." Presented at the Conference on Historical Sociology, University of Washington, March
1997. Bearman, Peter S., James Moody and Katherine Stovel. "Adolescent Romantic Networks." Presented at the Population Association of America Meetings.  
Moody, James and Peter S. Bearman. "Shaping School Climate: School Context, Adolescent Social Networks, and Attachment to School." Presented at the American Sociological Association Meetings, Toronto
1997. Wenger, Jeff and James Moody. "Minimum Wage Change and Low Wage Employment." Presented at the Public Policy Association Meetings, Washington D.C.
1995. Moody, James. "The Recognition of Symbolic Power: Arendt and Bourdieu on Plurality, Action, and Power." Presented at the conference on "Pierre Bourdieu: Fieldwork in Culture," Duke University
1994. Moody, James. "Do Politics Matter? The Effect of State Characteristics on Organizational Performance." Presented at the Southern Sociological Association.

## **Teaching**

### *Courses:*

Graduate: Social Network Analysis, Classical Social Theory, Theories of Social Action, Approaches to Social Inquiry, Introduction to quantitative methods, Graduate writing workshop

Undergraduate: Social Theory, Honors Introduction to Sociology

*Honors Students:*

- 2006 Mathew Evens. "Is the Sociology Job Market Unraveling? : A Study in Two-sided Matching Markets."
- 2004 Anne Hunter. "Fear in School: Examining the Social Cost of Segregated Friendship Networks."

*Graduate Students:*

Masters Theses

- 2006 Jamie Lynch. "Racial Friendship Composition and Social Identity."
- 2006 Rob Feldman. "Children of Gay Parents: Social Effects."
- 2004 Teghan McDonald. "Peer Rejections and Adolescent Delinquency."
- 2004 Ryan Light. "Balkanized or Boundless: The Structure of American Sociological Publication, 1963-1999."
- 2003 Sara Bradley. "Volunteerism Among Elites."
- 2003 Irina Tomescu. "Abandoned Children and International Adoption: Unintended Consequences of Institutional Arrangements in Romania."
- 2001 Susanne Bunn. "Adolescent Substance Use: The Interactive Influences of Parents and Peers."
- 2001 Jill Burkart. "The Effects of Positive and Negative Social Support on Emotional Stress and Locus of Control."
- 2001 Benjamin Cornwell. "On the Brink of Global Disaster: International Cooperation and Diffusion of Y2K Readiness."
- 2001 Clayton Peoples. "Beyond Party: A multi-model Approach to Examining Roll Call Votes."

PhD Students

- 2016 Jacob C. Fisher. "Latent Space and Social Psychological Models of Division" (U Mich PD)
- 2014 S. Joshua Mendelsohn. "Travel Networks and US City Prosperity" (Hired at Rand)
- 2014 Robin Gauthier "Anatomies of Kinship: Diversity in American Family Networks" (U Nebraska)
- 2013 Jeff Smith. "Measuring Social Change as Categorical Change" (Hired at U Nebraska)
- 2013 Heather Rackin. "'Where Should Babies Come From? Measuring Schemas of Fertility and Family Formation Using Novel Theory and Methods'"
- 2009 Ryan Light. Structure of Narrative Networks among the Enslaved. (Hired at U Oregon)
- 2007 Jimi Adams. Religion Networks and HIV/AIDS in Rural Malawi (Hired at Arizona St.)
- 2007 Sara Bradley. "Empirical Construction of Work Orientations: Connections to Workers' Attitudes, Perceptions and Behaviors (Hired at Franklin College)

**Other Academic Positions**

- 2004 – 2006. Associate Professor of Sociology, Ohio State University
- 2005. Visiting Scholar, UCSB department of Sociology
- 1999 - 2004. Assistant Professor of Sociology, Ohio State University
- 1994 - 1999. Research Associate for the National Longitudinal Survey of Adolescent Health (Add Health, Peter Bearman)
- 1997. Co-Instructor, Sociology 312, "Seminar on Social Networks"
- 1996. Instructor. Sociology 50, "Sociological Theory"
- 1994 - 1995. Research Assistant for the National Organizations Survey (NOS) (Arne Kalleberg)

1994. Research Assistant for Peter M. Blau  
1993. Research Assistant for Howard E. Aldrich  
1993. Teaching Assistant, Sociology 31 "Social Relations in the Workplace" (Howard Aldrich).  
1993. Teaching Assistant, Sociology 52: "Research Methods" (Anne Hastings, Instructor)

### Major University Service

- 2008-2013: Director of Graduate Studies, Duke Sociology department  
2007-2008, Executive committee, Duke Sociology Department  
2005. Jr. Search Committee Chair, Ohio State University (member 2002-2004)

### Current University committees (2009-2010)

- Executive committee of the graduate faculty, Social Science Research Institute computation committee, DuPRI Planning committee, Digital Futures Taskforce

### Professional Service

Ad hoc reviewer for more journals than I care to list, including:

*American Journal of Public Health, American Journal of Sociology, American Sociological Review, Child Development, Connections, Demography, Journal of Adolescent Research, Journal of Mathematical Sociology, Prevention Science, Social Forces, Social Networks, Social Problems, Sociological Quarterly, Sociological Theory, Sociology of Education, Sociological Perspectives, Sociological Forum, Organization Science, Rationality & Society, Journal of Nervous and Mental Disease, Qualitative Research*

- 2014 – Present. Editor, *Socius*  
2013 –Present. Editorial Board. *Sociological Science*  
2013– 2015. Editorial Board. *The American Sociologist*  
2013 –2016. Editorial Board, *Social Currents*  
2012– Present. Editorial Board, *Network Science*  
2009 – 2016. Editor, *Journal of Social Structure*  
2009 – Present. Editorial Board, *Social Forces*  
2008 – Present. Editorial Board, *Social Networks*  
2008 – 2015. Associate Editor, *Management Science*  
2008 – 2014. Editorial Board, *Mathematical Sociology*  
2007 – 2010.. Editorial Board, *Demography*  
2006 - 2009. Editorial Board, *American Sociological Review*  
2006. International Network for Social Network Research Visible Path Award committee  
2006. International Network for Social Network Research Freeman Award committee  
2006-2009. Review panel member for NSF Sociology Program  
2006. Organizer, Mathematical Sociology Section ASA Panels  
2005 – 2009. Secretary Treasurer, Mathematical Sociology Section  
2005. Organizer, conference on Social Capital and Social Networks, Columbus Ohio June 20 and 21, Columbus Ohio  
2003 – 2005. Council Member for the Mathematical Sociology Section  
2002 – 2004. Consulting Editor, *The American Journal of Sociology*  
2003. American Sociological Association Annual Meeting Session Organizer  
2003. Ad hoc panel review, *National Science Foundation*, Information Technology Research  
2003. Ad hoc reviewer, *National Science Foundation*, Sociology Section  
2002. On-sight reviewer, National Institutes of Health panel on "Sexual Relationships, Sexual Concurrency and HIV."  
2001 - 2004. Editorial Board, *Demography*



- 2001 - 2002. Member of the Social Psychology Graduate Student Paper Award Committee  
2001 - 2002. Chair of the Mathematical Sociology Graduate Student Paper Award Committee  
2001. On-sight reviewer, National Science Foundation, Information Technology Panel on Digital Government  
1999. Discussant for “Sexual Networks and Sexual Mixing.” Population Association of America Meeting, New York  
1998. Elected Council Member, Mathematical Sociology Section (1998-99 term).  
1994-1997. Assistant Editor for *Sociological Theory*, Craig Calhoun (Editor).

**Memberships and Associations**

Population Association of America, American Sociological Association (current Sections: Methods and Mathematical Sociology), International Network for Social Network Analysis (INSNA)

**Professional Consulting**

2004. Build Ohio. Developed a survey and report on integration of educational leaders in Ohio.  
2001 - present. *Social Science Automation*. Training and development of social network analysis tool for leadership networks