





Dear Colleagues,

Welcome to the second North American Social Networks (NASN) Conference!

Your registration package consists of this printed program, a name tag, and tickets for the banquet and/or workshops if you registered for them. More information is available on the conference website, [www.insna.org/nasn2018/](http://www.insna.org/nasn2018/). The conference program is also available at <http://iuni.iu.edu/nasn2018/cam/>, where you can review the conference schedule and create and manage your personal conference agenda.

Please monitor the program or the conference agenda manager at <http://iuni.iu.edu/nasn2018/cam/> for any updates or changes. Additional changes may be posted at the registration desk as necessary.

NASN is a conference of the International Network for Social Network Analysis (INSNA). As such, there are several “Sunbelt” traditions that we would like to highlight:

- Oral presentations are to start and stop at the stated program times, as attendees often move between sessions to catch papers of interest.
- The named session chairs (or last presenter in a session) are asked to keep the session presenters on time.
- If you are presenting a talk, please load your presentation slides on the dedicated laptop connected to the projector 10 minutes before the session starts. If you need to use your own laptop, this will cut into your 20-minute presentation time.
- Lunch breaks are over 1 hour long to give you enough time to enjoy Washington, your colleagues, and the historic sites nearby.
- A hospitality suite will be open Wednesday, Thursday, and Friday evenings, from 9 p.m. to 12 a.m., in the hotel Presidential Suite. We ask that you cooperate with our student assistants, who will close the suite at 12 a.m.

If you have any questions about the conference, please look out for the organizers.

Thank you for your attendance and contribution to this conference. We hope that you enjoy Washington and find this conference to be a valuable experience.

Kind Regards,

Kimberly Glasgow  
Ian McCulloh  
Ann McCranie



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## The Organizers

Name	Affiliation	Email	Roles/Duties
Ian McCulloh	Accenture Federal	ian.mcculloh@accenturefederal.com	Co-chair; Program Co-chair
Kimberly Glasgow	JHU/APL	Kimberly.glasgow@jhuapl.edu	Co-chair; Workshop Chair
Tony Johnson	JHU/APL	Anthony.Johnson@jhuapl.edu	Co-chair; Awards Chair
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Karin Tobin	JHU	ktobin2@jhu.edu	STEM Outreach Chair
Cory Bradley	JHU	bradley@corydbradley.com	Senior Bartender; STEM

Thanks to Steve Borgatti, Laura Koehly, and Tom Valente for their support and guidance in organizing this conference. Special thanks to Becca Davis who provided important guidance regarding facilities, budgets, events, and procedures.



This conference was supported by a generous grant from the

U.S. Army Research Office,  
Research Triangle Park, NC.

## Sponsors

We would like to offer a special thanks to our sponsors:





## Hotel Map/Layout



First Floor



Second Floor

## Program Overview

<b>Date</b>	<b>Morning</b>	<b>Afternoon</b>	<b>Evening</b>
Tuesday, 27 Nov.	Registration Workshops	Workshops	Workshops
Wednesday, 28 Nov.	Registration Oral Presentations	Oral Presentations	Wine & Poster Session Hospitality
Thursday, 29 Nov.	Registration Oral Presentations	Oral Presentations	Keynote Banquet Hospitality
Friday, 30 Nov.	Registration Oral Presentations	Oral Presentations	Hospitality
Saturday, 1 Dec.	Collaborative Activity	<b>Close</b>	—

**Conference Registration** will be open from 7:30 a.m. to 5 p.m., Tuesday through Friday, in the Phillips Ballroom foyer.

**Breakfast** will be served each morning from 7:30 to 8:30 a.m. in the Phillips Ballroom foyer.

**Coffee Breaks** will be held in the Phillips Ballroom foyer.

**Wi-Fi:** Attendees who are registered at the Kimpton will receive Wi-Fi details upon check-in at the hotel. Other attendees can ask for Wi-Fi details at the conference registration desk.

Note: The Kimpton also offers a complimentary coffee and tea service in the lobby from 6:30 to 10:30 a.m. and a hosted evening wine hour from 5 to 6 p.m.

## Workshops

**Tuesday, November 27**

<b>9 a.m.–12 p.m.</b>	<b>1–4 p.m.</b>	<b>4–7 p.m.</b>
Introduction to ERGMs Using statnet	Introduction to Modeling Temporal (Dynamic) ERGMs Using statnet	Introduction to Egocentric Network Data Analysis with ERGMs and TERGMs Using statnet
Dynamic Network Analysis and ORA		Modeling Relational Event Dynamics with statnet
Network Visualization with R	Organizational Behavior Interventions Using R and Shiny	
Network Visualization with R	Organizational Behavior Interventions Using R and Shiny	
ASPEN Platform Workshop – SNA Data Collection Tools for Ego-Centric and Whole Network Analysis	EgoWeb 2.0: Flexible and User-Friendly Social Network Data Collection Software	
Understanding Diffusion with netdiffuseR	Network Approaches for Behavior Change	

## Keynote Speaker

### **James Moody**

Thursday, November 29, 6 p.m.  
Phillips Ballroom



James Moody is the Robert O. Keohane professor of sociology at Duke University. He has published extensively in the field of social networks, methods, and social theory. His work has focused theoretically on the network foundations of social cohesion and diffusion, with a particular emphasis on building tools and methods for understanding dynamic social networks. He has used network models to help understand school racial segregation, adolescent health, disease spread, economic development, and the development of scientific disciplines. Moody's work is funded by the National Science Foundation, the National Institutes of Health, and the James S. McDonnell Foundation and has appeared in top social science, health, and medical journals. He is winner of INSNA's (International Network for Social Network Analysis) Freeman Award for scholarly contributions to network analysis, founding director of the Duke Network Analysis Center, past editor of the online *Journal of Social Structure*, and current co-editor of the open-access journal *Socius*.

## Parallel Oral Presentations

Wednesday, November 28: AM1 Session

	<b>Freer</b> <i>Clustering and Communities</i>	<b>Hirschhorn</b> <i>Words &amp; Networks: Politics and Policy</i>	<b>Phillips</b> <i>Applications of Social Network Analysis in Public Health I</i>
<b>9 a.m.</b>	Trusses and Trapezes: Easily Interpreted Communities in Social Networks <i>Jonathan Cohen</i>	Discourse and Structure: An Examination of the Organizational Identities and Networks of Contemporary Specialty Coffee Retailers <i>James Lannigan</i>	Designing Better Health Systems at the Organizational Level <i>Stephanie Bultema</i>
<b>9:20 a.m.</b>	Clustering Relational Networks Via Integer Programming <i>Harun Pirim</i>	The Structure of Reasoning: Inferring Conceptual Networks from Free Response Text <i>Sarah Shugars</i>	Using Network Analysis for Identification of Facilities At-Risk of Receiving Patients Colonized with Emerging Multi-Drug Resistant Organisms <i>Rany Octaria, Nailah Smith, Allison Chan, Prabasaj Paul, Rachel Slayton, Marion Kainer</i>
<b>9:40 a.m.</b>	Dynamics of Local Clustering in Temporal Social Networks <i>Cheng Wang, Omar Lizardo, David Hachen</i>	The Framing of CRISPR Through Semantic Networks <i>Brittany Anderton, C.J. Calabrese, Benjamin Millan, George Barnett</i>	Public Health Delivery Systems Under the Affordable Care Act: Evaluating Adaptivity in Delivery Systems Providing Cancer Screening Services to Uninsured New Yorkers <i>Jennie Law</i>
<b>10 a.m.</b>	An Integrated Approach to Finding Cohesive Communities in Networks <i>Marc Johnson, Ian McCulloh</i>	Using Ethnographic Infoveillance to Better Understand Tobacco Consumers Reporting Pain, Opioid Use and Disability <i>Rhonda Moore, Andrew Curtis, Beverly Lyn-Cook</i>	A Structural Analysis of Public-Private Partnerships' Governance Networks: A Case Study of the Accelerated Introduction of Childhood Vaccine Programs <i>Chin-Fun Chu, Kayo Fujimoto, Rigoberto Delgado, Stephen Linder</i>

**COFFEE BREAK: 10:20–10:50 a.m.**

Wednesday, November 28: AM2 Session

	<b>Freer</b> <i>Friendships and Support</i>	<b>Hirschhorn</b> <i>Words &amp; Networks: Methods and Tools</i>	<b>Phillips</b> <i>Applications of Social Network Analysis in Public Health 2</i>
<b>10:50 a.m.</b>	How External Influence Affects the Formation of Cohesive Peer Groups and School Friendship in Low Income Schools <i>I-Chien Chen</i>	Multilingual Words in Social Media Networks: Data Discovery Strategies <i>Michelle Vanni</i>	A Venue-Based Analysis of Sex Partner Meeting Places in Baltimore, MD <i>Benjamin Meza, Ian McCulloh, Marc Johnson, Jacky Jennings</i>
<b>11:10 a.m.</b>	Spatial Dispersion of Social Networks: The Realized Ability to Bridge Geographical Distances <i>Kyra Hagge, Jana Brandt</i>	Social Networks from Unstructured Documents <i>Ian Crossett, Anthony Johnson</i>	Differences in HIV Risk Behaviors by Sex Partner Type Among a Sample of Black MSM: An Analysis of Social Network Characteristics <i>Karin Tobin, Kayla Tormohlen, Carl Latkin</i>
<b>11:30 a.m.</b>	Assessing Youth Egocentric Support Networks in Mental Health Systems of Care <i>Grace Huang, Preethy George, Sushama Rajapaksa, Abram Rosenblatt</i>	Sentiment in Semantic Networks and Effects on Media Content and Volume <i>James Danowski, Kenneth Riopelle</i>	An Examination of the Modification Effects of Network and Spatial Factors on the Relationships between Risk Networks and HIV Risks among Young Black Men Who Have Sex with Men <i>Yen-Tyng Chen, Rodal Issema, Anna Hotten, Aditya Khanna, John Schneider, Abby Rudolph</i>
<b>11:50 a.m.</b>	Testing the Rank Order of Nominations as a Proxy for Tie Strength <i>Thomas Valente, George Vega Yon</i>	Exploring Author Influence with Networks, NLP, and Trend Analysis <i>Benjamin Ortiz Ulloa</i>	Online Group Affiliations, Group Focus, and HIV Prevention and Sex Behaviors among Young Men Who Have Sex with Men <i>Lindsay Young, Kayo Fujimoto, John Schneider</i>
<b>12:10 p.m.</b>	Resiliency Networks: Friendships and Support Networks for Military-Connected Adolescents in Civilian Schools <i>Alison Black</i>	Network of Destination Image: Abstraction Level and Controllability <i>Jalayer Khalilzadeh</i>	Networks and Normative Influences on Sex and Drug-Related HIV Risk in Black Women <i>Harold D. Green Jr., Karla D. Wagner, Nicole Auldridge, Caitlin O'Leary, Ashley Dawkins, Corinthia Crawford, Ryan Wong, Elvira Diaz, Jamila K. Stockman</i>

**LUNCH BREAK: 12:30–2 p.m.**

Wednesday, November 28: PM1 Session

	<b>Freer</b> <i>General Session 1</i>	<b>Hirschhorn</b> <i>Crime and Online Security</i>	<b>Phillips</b> <i>Applications of Social Network Analysis in Public Health 3</i>
<b>2 p.m.</b>	The Grand Masters of the Florentine Renaissance <i>Cameron DeChurch, Noshir Contractor</i>	When Things Turn Sour: Exploring Violence by Organized Crime Members Using a Longitudinal Event-Based Perspective <i>Nynke Niezink, Paolo Campana</i>	Intergenerational Exchange of Health Encouragement: Consideration of Ancestry and Disease Risk <i>Jasmine Manalel, Christopher Marcum, Samantha Calabrese, Kayla de la Haye, Donna Hughes, Carlene Wilson, Laura Koehly</i>
<b>2:20 p.m.</b>	Brokers of Relevance in Present and Potential National Park Service Urban Collaborative Networks <i>Elizabeth Perry, Daniel Krymkowski, Robert Manning</i>	Network Analysis of Malware <i>Matthew Elder, Marc Johnson, Ian McCulloh</i>	Prescription Opioid Use in a Population-Based Sample of Young Black Men Who Have Sex with Men: A Longitudinal Cohort Study <i>Yen-Tyng Chen, Rodal Issema, John Schneider</i>
<b>2:40 p.m.</b>	Sustainability in Chesapeake Bay: Factors Influencing Shoreline Development Decisions <i>Amanda Guthrie, Donna Bilkovic, Carl Hershner, Sarah Stafford</i>	Adversarial Movement in Computer Networks <i>Brian Powell, Anthony Johnson</i>	Evaluation of High-Risk Opioid Prescribing in a Medicaid Managed Care Organization: A Social-Network Analysis <i>Kruti Doshi, Keiki Hinami, William Trick, Michael Ray</i>
<b>3 p.m.</b>	How to Be Wrong, but Useful: A Case Study on Choosing the Right Tool for Social Network Analysis <i>Stella Biderman, David Masad, Jeremy Lawson</i>		Providing for Those with Rare Diseases: The Effect of Social Network Spatial Factors on Caregiver Health <i>Aaron Gurayah, Anna Shetler, Chris Marcum, Laura Koehly</i>
<b>3:20 p.m.</b>			Typology of Kinship: Multi-level Latent Class Analysis for Personal Network <i>Keunbok Lee</i>

**COFFEE BREAK: 3:40–4:10 p.m.**



Wednesday, November 28: PM2 Session

	<b>Hirschhorn</b>	<b>Phillips</b> <i>Applications of Social Network Analysis in Public Health 4</i>
<b>4:10 p.m.</b>	Panel Discussion on DoD Research Priorities and Funding	The Impact of Centrality on Body Dissatisfaction within a Sorority Using Two Network Generators <i>Tyler Prochnow, Megan S. Patterson</i>
<b>4:30 p.m.</b>		Group Lifestyle Behavior Interventions for Combating Obesity in South African Townships: How Will Participant Social Networks Affect Outcomes? <i>Emily Hurley, Kathy Goggin, Kayla de la Haye, Thandi Puoane, Lungiswa Tsolkile, Ken Resnicow, Delwyn Catley</i>
<b>4:50 p.m.</b>		School Differences in Smoking Diffusion through Networks of Diverse, American Adolescents over the High School Period <i>Kayla de la Haye, Heesung Shin, George Vega Yon, Thomas Valente</i>
<b>5:10 p.m.</b>		Exploring Networks in Sickle Cell Disease and the Influence of Leg Wounds <i>Dawn Lea, Ashley Buscetta, Khadijah Abdallah, Mindy J. Perilla, Vence Bonham, Laura Koehly</i>

**POSTER SESSION: 6–7 p.m., Freer**

Social Networks and the Emergence of Health Inequalities following Medical Advances <i>Elaine Hernandez, Erin Pullen, Jon Brauer</i>
Recognizing Self-Identification in Social Media <i>Thomas Lippincott, Jason Naradowsky, Ben Van Durme</i>
Recruiting Mechanisms on Online Labor Markets: Agent-Based Models of Bipartite Social Networks <i>Martin Lukac</i>
Structuring Effects and the Interdependency of University Research & Teaching Discussion Networks: A Bivariate Network Analysis <i>Aliaksandr Pautsina, Clare Barratt, Moira van Staaden</i>
Experiences with Healthcare Providers and Social Network Resources among Families Affected by Rare Genetic Conditions <i>Lena Eskin, Dawn Lea, Christopher Steven Marcum, Laura Koehly</i>

**HOSPITALITY: 9 p.m.–12 a.m., Presidential Suite**



Thursday, November 29: AM1 Session

	<b>Hirschhorn</b> <i>Education</i>	<b>Phillips</b> <i>Political Networks I</i>
<b>9 a.m.</b>	Using SNA to Improve STEM Education <i>Johanna Jan, Christian Vogel, Rich Takacs, Ian McCulloh</i>	If I Can Make It There. I'll Make It Anywhere? A Look into the Blackbox of EU Lobbyism through Discourse Network Analysis Combined with Inferential Network Analysis <i>Harald Sick</i>
<b>9:20 a.m.</b>	Evidence for Social Influence in Instructional Practice among Postsecondary STEM Faculty <i>Jacob D. McAlpin, Kayla B. Downs, Brittnee N. Earl, Susan E. Shadle, John P. Ziker, Brian A. Couch, A. Kelly Lane, Marilynne N. Stains, Luanna B. Prevost, John Skvoretz, Jennifer Lewis</i>	Strategic Network Formation and the Influence of Importance <i>Kristin Olofsson</i>
<b>9:40 a.m.</b>	The Research Networks of Productive Librarian-Researchers <i>Marie Kennedy, Kristine Brancolini, David Kennedy</i>	Values at the Core of Identity Structures <i>Maria Cristina Ramos Flor</i>
<b>10 a.m.</b>	Social Networks and Educational Outcomes of Students with Learning Disabilities <i>Elizabeth Humberstone</i>	Building a Structural Understanding to Trans-Boundary Wildfire Risk Management Systems <i>Derric Jacobs, Max Nielsen-Pincus, Cody Evers</i>
<b>10:20 a.m.</b>	Using Social Network to Visualize and Measure Curricular Networks of Middle and High School Students <i>Geoffrey West</i>	

**COFFEE BREAK: 10:40–11:10 a.m.**

Thursday, November 29: AM2 Session

<b>Freer</b>		<b>Phillips</b> <i>General Session 2</i>
<b>11:10 a.m.</b>	High School Poster Session	Predicting Heavy-Tailed Degree Distributions in a Crisis Communications Network <i>Charles Gibson, Norbou Buchler</i>
<b>11:30 a.m.</b>		Network Regularization via Modularity Assessment <i>Heather Patsolic, Zeinab Mousavi, Youngser Park, Minh Tang, Avanti Athreya, Joshua Vogelstein, Jonathan Larson, Chris White, Carey Priebe</i>
<b>11:50 a.m.</b>		The Multiplexity and Locality of Job Lead Ties <i>Emily Smith, Carter Butts, John Hipp, Nicholas Nagle</i>
<b>12:10 p.m.</b>		What Makes an Organisation – Bayesian Aggregation of Perceived Organisational Ties <i>Johan Koskinen, Christopher Marcum, Dimitris Christopoulos, Christophe Sohn</i>
<b>12:30 p.m.</b>		Big Problems for Small Networks: Small Network Statistics <i>George Vega Yon, Kayla de la Haye</i>

**LUNCH BREAK: 12:50–2 p.m.**

Thursday, November 29: PM1 Session

<b>Hirschhorn</b> <i>Social Media and Online Communities</i>		<b>Phillips</b> <i>Social Networks and Neuroscience</i>
<b>2 p.m.</b>	Bots and the Spread of Disinformation <i>Kathleen Carley</i>	Individual Differences in Brain Connectivity Patterns Predict Social Network Centrality <i>Ryan Hyon, Rob Chavez, John-Andrew Chwe, Thalia Wheatley, Adam Kleinbaum, Carolyn Parkinson</i>
<b>2:20 p.m.</b>	The Role of Language Brokers in Shaping Conversation on Social Media Platforms <i>Stephanie Pitts, Alicia Bargar, Rich Takacs, Ian McCulloh</i>	The Neural Signature of Self-Knowledge Is Reinstated in the Brains of Friends and Predicts How Accurately Friends Know Each Other <i>Dylan Wagner</i>
<b>2:40 p.m.</b>	Whose Voices Matter? <i>Kimberly Glasgow</i>	Human Perceptual and Brain Mechanisms Contributing to Social Networks <i>James Thompson</i>
<b>3 p.m.</b>	Assessing and Optimizing Anonymity for Self-Disclosure in Online Social Networks <i>Renita Murimi</i>	Response Inhibition in Adolescents Is Moderated by Brain Connectivity and Social Network Structure <i>Steven H. Thompson, Emily B. Falk, Matthew Brook O'Donnell, Christopher N. Cascio, Joseph B. Bayer, Jean M. Vettel, Danielle S. Bassett</i>
<b>3:20 p.m.</b>	Spread of Coherent Stories on Social Media <i>Pedram Hosseini, Mona Diab, David Broniatowski</i>	The Brain in the Social World: Combining Approaches from Social Network Analysis, Experimental Psychology and Cognitive Neuroscience <i>Carolyn Parkinson</i>

**COFFEE BREAK: 3:40–4:10 p.m.**

Thursday, November 29: PM2 Session

<b>Hirschhorn</b>		<b>Phillips</b> <i>Political Networks 2</i>
<b>4:10 p.m.</b>	Complementarity of the Network Sciences: Distinctions, Tensions and Synergies across SNA, NS and the Other System <i>James Moody, Lindsay Young, Ann McCranie, Kate Coronges</i>	Analyzing Politically Connected Business Networks through the Prism of Social Network Analysis: The Ben Ali Clan in Tunisia As a Case <i>Mohamed-Dhia Hammami</i>
<b>4:30 p.m.</b>		Modeling Militant Factional Dynamics <i>Michael Gabbay</i>
<b>4:50 p.m.</b>		#DelDebate: Polarization in Public Discourse Leading to the 2018 Mexican Election <i>Alicia Bargar</i>
<b>5:10 p.m.</b>		Constructing Networks from Social Media Data: Different Constructs and Their Consequences <i>Laila Wahedi, Lisa Singh, Yiqing Ren</i>

**KEYNOTE: 6–7 p.m., Phillips**

**BANQUET (tickets required): 7–8:30 p.m.**

**HOSPITALITY: 9 p.m. –12 a.m., Presidential Suite**

Friday, November 30: AM1 Session

<b>Hirschhorn</b>		<b>Phillips</b> <i>Innovations in Social Network–Based Interventions</i>
<b>9 a.m.</b>	Panel Discussion on the Use of SNA by the U.S. Military: Steps Forward, Missteps, and Where Next	Managing Agile Networks with Data Exhaust <i>Ian McCulloh</i>
<b>9:20 a.m.</b>		Using Social Network Analysis to Build a Global Restoration Movement <i>Sabin Ray, Kathleen Buckingham</i>
<b>9:40 a.m.</b>		Sharing Social Justice Beliefs: The Role of Social Networks in a Cohort-Based Teacher Preparation Program <i>Melissa Warstadt, Alison Black</i>
<b>10 a.m.</b>		

**COFFEE BREAK: 10:20–10:50 a.m.**

Friday, November 30: AM2 Session

	<b>Freer</b> <i>Religion and Networks</i>	<b>Hirschhorn</b> <i>Methodological Developments 1</i>	<b>Phillips</b> <i>Innovations in Methods in Network Interventions</i>
<b>10:50 a.m.</b>	The Luther Effect: Did Personal Ties Influence the Diffusion of Protestantism in the Early Reformation? <i>Becker Sascha, Steve Pfaff, Jared Rubin</i>	A Framework for Searching the Parameters of Agent-Based Models for Social Phenomena <i>Aurora Schmidt, Cash Costello, Clay Fink, Ariel Greenberg, Alexander Perrone</i>	Benchmarking the Minimum Response Rate for Organizational Network Survey Data: An Analysis Using PARTNER Tool Network Data <i>Ly Dinh, Stephanie Bultema, Xunyu Xiang, M. Aaron Guest, Christopher Santucci, Danielle M. Varda</i>
<b>11:10 a.m.</b>	The Ties That Bind and the Spirit That Inspires Them <i>Phil Murphy, Sean Everton, Karen T. Cuenco</i>	Local Graph Stability in Exponential Family Random Graph Models <i>Yue Yu, Gianmarc Grazioli, Nolan Phillips, Carter Butts</i>	The Effect of Organizational Type on Network Activity <i>Marc Guest, Stephanie Bultema, Eve Bohnett, Ly Dinh, Xian Xunyu, Daniella Varda</i>
<b>11:30 a.m.</b>	Metrics of Leadership in New Religious Movements: A Historical Case Study <i>Jeremy Farrell</i>	Predicting Potential Pathways of Network Change from Distributional Models <i>Carter Butts</i>	Inferring the Mechanisms of Social Contagion <i>Christian Luhmann, Brian Yang</i>
<b>11:50 a.m.</b>	A Semantic Network Analysis of Jesus' Sayings (Yes, That Jesus) <i>Sean Everton, Dan Cunningham</i>	Causal Inference on Networked Data: Applications to Social Sciences <i>Sayali Phadke, David Hunter, Kari Lock Morgan</i>	Using Network Goal Analysis to Explain Complex Systems: New Advances in Visualization and Analytics <i>James Westaby, Adam Parr</i>
<b>12:10 p.m.</b>		Hairball Buster: Graph Analytic Triage <i>Patrick Allen, Mark Matties, Elisha Peterson</i>	Modeling Stigma in ERGMs <i>Francis Lee, Carter Butts</i>

**LUNCH BREAK: 12:30–2 p.m.**

Friday, November 30: PM1 Session

	<b>Freer</b> <i>General Session 3</i>	<b>Hirschhorn</b> <i>Methodological Developments 2</i>	<b>Phillips</b> <i>Social Networks and Health Interventions</i>
<b>2 p.m.</b>	Parenting Practices Affecting Toddler Peer Tie Formation <i>Nicole Horton</i>	The Social Integration of American Cities: Network Measures of Connectedness Based on Everyday Mobility across Neighborhoods <i>Nolan Phillips, Brian Levy, Robert Sampson, Mario Small, Ryan Wang</i>	Restructuring Egocentric Networks of Housing First Residents with a Motivational Interviewing Social Network Intervention <i>David Kennedy</i>
<b>2:20 p.m.</b>	Diffusion Processes and Two-Mode Networks: User Engagement on GitHub <i>John Skvoretz, Maxwell Busenbarrick, Sameera Horawalavithana, Anda Iamnitchi</i>	Horizon Centrality <i>Valdis Krebs</i>	Social Influence and Diffusion Effects on Men's HIV Testing During a Randomized Controlled Intervention Trial in Tanzania <i>Nina Yamanis, Brian Aronson, Marta Mulawa, Suzanne Maman, James Moody</i>
<b>2:40 p.m.</b>	Longitudinal Network Evolution and Perception: The Role of Personality Traits <i>Gunes Ertan, Michael D. Siciliano, Deniz Yenigun</i>	Social Network Experiments on Common Knowledge and Coordination <i>Gizem Korkmaz, Monica Capra, Adriana Kraig, Kiran Lakkaraju, Chris Kuhlman, Teja Pristavec, Fernando Vega Redondo</i>	Assessing Respondent-Driven Sampling Using Geographical Data <i>Brian Kim, Moses Ogwal, Enos Sande, Herbert Kiyingi, David Serwadda, Wolfgang Hladik</i>
<b>3 p.m.</b>		Modeling Negotiations with Multi-Agent Simulations <i>Amirkazem Bagherpour</i>	

Saturday, December 1: AM1 Session  
Collaborative Activity

## Posters

Wednesday, November 28, 6 p.m., Freer

Wine reception will be held during the poster session.

<b>Title</b>	<b>Author</b>
Social Networks and the Emergence of Health Inequalities following Medical Advances	Elaine Hernandez, Erin Pullen, Jon Brauer
Recognizing Self-Identification in Social Media	Thomas Lippincott, Jason Naradowsky, Ben Van Durme
Recruiting Mechanisms on Online Labor Markets: Agent-Based Models of Bipartite Social Networks	Martin Lukac
Structuring Effects and the Interdependency of University Research & Teaching Discussion Networks: A Bivariate Network Analysis	Aliaksandr Pautsina, Clare Barratt, Moira van Staaden
Experiences with Healthcare Providers and Social Network Resources among Families Affected by Rare Genetic Conditions	Lena Eskin, Dawn Lea, Christopher Steven Marcum, Laura Koehly

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<b>Khadijah Abdallah</b>	<b>Wed PM2</b>
<b>Patrick Allen</b>	Fri AM2
<b>Brittany Anderton</b>	Wed AM1
<b>Brian Aronson</b>	Fri PM1
<b>Avanti Athreya</b>	Thur AM2
<b>Nicole Auldridge</b>	Wed AM2
<b>Amirkazem Bagherpour</b>	Fri PM1
<b>Alicia Bargar</b>	Thurs PM1, Thurs PM2
<b>George Barnett</b>	Wed AM1
<b>Clare Barratt</b>	Poster
<b>Danielle S. Bassett</b>	Thurs PM1
<b>Joseph B. Bayer</b>	Thurs PM1
<b>Stella Biderman</b>	Wed PM1
<b>Donna Bilkovic</b>	Wed PM1
<b>Alison Black</b>	Wed AM2, Fri AM1
<b>Eve Bohnett</b>	Fri AM2
<b>Vence Bonham</b>	Wed PM2
<b>Kristine Brancolini</b>	Thur AM1
<b>Jana Brandt</b>	Wed AM2
<b>Jon Brauer</b>	Poster
<b>David Broniatowski</b>	Thurs PM1
<b>Matthew Brook O'Donnell</b>	Thurs PM1
<b>Norbou Buchler</b>	Thur AM2
<b>Kathleen Buckingham</b>	Fri AM1
<b>Stephanie Bultema</b>	Wed AM1, Fri AM2
<b>Ashley Buscetta</b>	Wed PM2
<b>Maxwell Busenbarrick</b>	Fri PM1
<b>Carter Butts</b>	Thur AM2, Fri AM2
<b>C.J. Calabrese</b>	Wed AM1
<b>Samantha Calabrese</b>	Wed PM1
<b>Paolo Campa</b>	Wed PM1
<b>Monica Capra</b>	Fri PM1
<b>Kathleen Carley</b>	Thurs PM1
<b>Christopher N. Cascio</b>	Thurs PM1
<b>Delwyn Catley</b>	Wed PM2
<b>Allison Chan</b>	Wed AM1
<b>Rob Chavez</b>	Thurs PM1
<b>I-Chien Chen</b>	Wed AM2

<b>Yen-Tyng Chen</b>	Wed AM2, Wed PM1
<b>Dimitris Christopoulos</b>	Thur AM2
<b>Chin-Fun Chu</b>	Wed AM1
<b>John-Andrew Chwe</b>	Thurs PM1
<b>Jonathan Cohen</b>	Wed AM1
<b>Noshir Contractor</b>	Wed PM1
<b>Kate Coronges</b>	Thurs PM2
<b>Cash Costello</b>	Fri AM2
<b>Bian A. Couch</b>	Thur AM1
<b>Corinthia Crawford</b>	Wed AM2
<b>Ian Crossett</b>	Wed AM2
<b>Karen T. Cuenco</b>	Fri AM2
<b>Dan Cunningham</b>	Fri AM2
<b>Andrew Curtis</b>	Wed AM1
<b>James Danowski</b>	Wed AM2
<b>Ashley Dawkins</b>	Wed AM2
<b>Kayla de la Haye</b>	Wed PM1, Wed PM2, Thur AM2
<b>Cameron DeChurch</b>	Wed PM1
<b>Rigoberto Delgado</b>	Wed AM1
<b>Mona Diab</b>	Thurs PM1
<b>Elvira Diaz</b>	Wed AM2
<b>Ly Dinh</b>	Fri AM2
<b>Kruti Doshi</b>	Wed PM1
<b>Kayla B. Downs</b>	Thur AM1
<b>Brittnee N. Earl</b>	Thur AM1
<b>Matthew Elder</b>	Wed PM1
<b>Gunes Ertan</b>	Fri PM1
<b>Lena Eskin</b>	Poster
<b>Cody Evers</b>	Thur AM1
<b>Sean Everton</b>	Fri AM2
<b>Emily B. Falk</b>	Thurs PM1
<b>Jeremy Farrell</b>	Fri AM2
<b>Clay Fink</b>	Fri AM2
<b>Kayo Fujimoto</b>	Wed AM1, Wed AM2
<b>Michael Gabbay</b>	Thurs PM2
<b>Preethy George</b>	Wed AM2
<b>Charles Gibson</b>	Thur AM2
<b>Kimberly Glasgow</b>	Thurs PM1

<b>Kathy Goggin</b>	Wed PM2
<b>Gianmarc Grazioli</b>	Fri AM2
<b>Harold D. Green Jr.</b>	Wed AM2
<b>Ariel Greenberg</b>	Fri AM2
<b>M. Aaron Guest</b>	Fri AM2
<b>Marc Guest</b>	Fri AM2
<b>Aaron Gurayah</b>	Wed PM1
<b>Amanda Guthrie</b>	Wed PM1
<b>David Hachen</b>	Wed AM1
<b>Kyra Hagge</b>	Wed AM2
<b>Mohamed-Dhia Hammami</b>	Thurs PM2
<b>Elaine Hernandez</b>	Poster
<b>Carl Hershner</b>	Wed PM1
<b>Keiki Hinami</b>	Wed PM1
<b>John Hipp</b>	Thur AM2
<b>Wolfgang Hladik</b>	Fri PM1
<b>Sameera Horawalavitha</b>	Fri PM1
<b>Nicole Horton</b>	Fri PM1
<b>Pedram Hosseini</b>	Thurs PM1
<b>Anna Hotten</b>	Wed AM2
<b>Grace Huang</b>	Wed AM2
<b>Donna Hughes</b>	Wed PM1
<b>Elizabeth Humberstone</b>	Thur AM1
<b>David Hunter</b>	Fri AM2
<b>Emily Hurley</b>	Wed PM2
<b>Ryan Hyon</b>	Thurs PM1
<b>Anda Iamnitchi</b>	Fri PM1
<b>Rodal Issema</b>	Wed AM2, Wed PM1
<b>Derric Jacobs</b>	Thur AM1
<b>Johanna Jan</b>	Thur AM1
<b>Jacky Jennings</b>	Wed AM2
<b>Anthony Johnson</b>	Wed AM2, Wed PM1
<b>Marc Johnson</b>	Wed AM1, Wed AM2, Wed PM1
<b>Marion Kainer</b>	Wed AM1
<b>David Kennedy</b>	Thur AM1, Fri PM1
<b>Marie Kennedy</b>	Thur AM1
<b>Jalayer Khalilzadeh</b>	Wed AM2
<b>Aditya Khan</b>	Wed AM2

<b>Brian Kim</b>	Fri PM1
<b>Herbert Kiyngi</b>	Fri PM1
<b>Adam Kleinbaum</b>	Thurs PM1
<b>Laura Koehly</b>	Wed PM1, Wed PM2, Poster
<b>Gizem Korkmaz</b>	Fri PM1
<b>Johan Koskinen</b>	Thur AM2
<b>Adriana Kraig</b>	Fri PM1
<b>Valdis Krebs</b>	Fri PM1
<b>Daniel Krymkowski</b>	Wed PM1
<b>Chris Kuhlman</b>	Fri PM1
<b>Kiran Lakkaraju</b>	Fri PM1
<b>A. Kelly Lane</b>	Thur AM1
<b>James Lannigan</b>	Wed AM1
<b>Jonathan Larson</b>	Thur AM2
<b>Carl Latkin</b>	Wed AM2
<b>Jennie Law</b>	Wed AM1
<b>Jeremy Lawson</b>	Wed PM1
<b>Dawn Lea</b>	Wed PM2, Poster
<b>Francis Lee</b>	Fri AM2
<b>Keunbok Lee</b>	Wed PM1
<b>Brian Levy</b>	Fri PM1
<b>Jennifer Lewis</b>	Thur AM1
<b>Stephen Linder</b>	Wed AM1
<b>Thomas Lippincott</b>	Poster
<b>Omar Lizardo</b>	Wed AM1
<b>Kari Lock Morgan</b>	Fri AM2
<b>Christian Luhmann</b>	Fri AM2
<b>Martin Lukac</b>	Poster
<b>Beverly Lyn-Cook</b>	Wed AM1
<b>Suzanne Maman</b>	Fri PM1
<b>Jasmine Manalel</b>	Wed PM1
<b>Robert Manning</b>	Wed PM1
<b>Chris Marcum</b>	Wed PM1
<b>Christopher Marcum</b>	Wed PM1, Thur AM2
<b>Christopher Steven Marcum</b>	Poster
<b>David Masad</b>	Wed PM1
<b>Mark Matties</b>	Fri AM2
<b>Jacob D. McAlpin</b>	Thur AM1
<b>Ann McCranie</b>	Thurs PM2



<b>Ian McCulloh</b>	Wed AM1, Wed AM2, Wed PM1, Thur AM1, Thurs PM1, Fri AM1
<b>Benjamin Meza</b>	Wed AM2
<b>Benjamin Millan</b>	Wed AM1
<b>James Moody</b>	Thurs PM2, Fri PM1, Keynote
<b>Rhonda Moore</b>	Wed AM1
<b>Zeinab Mousavi</b>	Thur AM2
<b>Marta Mulawa</b>	Fri PM1
<b>Renita Murimi</b>	Thurs PM1
<b>Phil Murphy</b>	Fri AM2
<b>Nicholas Nagle</b>	Thur AM2
<b>Jason Naradowsky</b>	Poster
<b>Max Nielsen-Pincus</b>	Thur AM1
<b>Nynke Niezink</b>	Wed PM1
<b>Caitlin O'Leary</b>	Wed AM2
<b>Rany Octaria</b>	Wed AM1
<b>Moses Ogwal</b>	Fri PM1
<b>Kristin Olofsson</b>	Thur AM1
<b>Benjamin Ortiz Ulloa</b>	Wed AM2
<b>Youngser Park</b>	Thur AM2
<b>Carolyn Parkinson</b>	Thurs PM1
<b>Adam Parr</b>	Fri AM2
<b>Heather Patsolic</b>	Thur AM2
<b>Megan S. Patterson</b>	Wed PM2
<b>Prabasaj Paul</b>	Wed AM1
<b>Aliaksandr Pautsi</b>	Poster
<b>Mindy J. Perilla</b>	Wed PM2
<b>Alexander Perrone</b>	Fri AM2
<b>Elizabeth Perry</b>	Wed PM1
<b>Elisha Peterson</b>	Fri AM2
<b>Steve Pfaff</b>	Fri AM2
<b>Sayali Phadke</b>	Fri AM2
<b>Nolan Phillips</b>	Fri AM2, Fri PM1
<b>Harun Pirim</b>	Wed AM1
<b>Stephanie Pitts</b>	Thurs PM1
<b>Brian Powell</b>	Wed PM1
<b>Luanna B. Prevost</b>	Thur AM1
<b>Carey Priebe</b>	Thur AM2
<b>Teja Pristavec</b>	Fri PM1

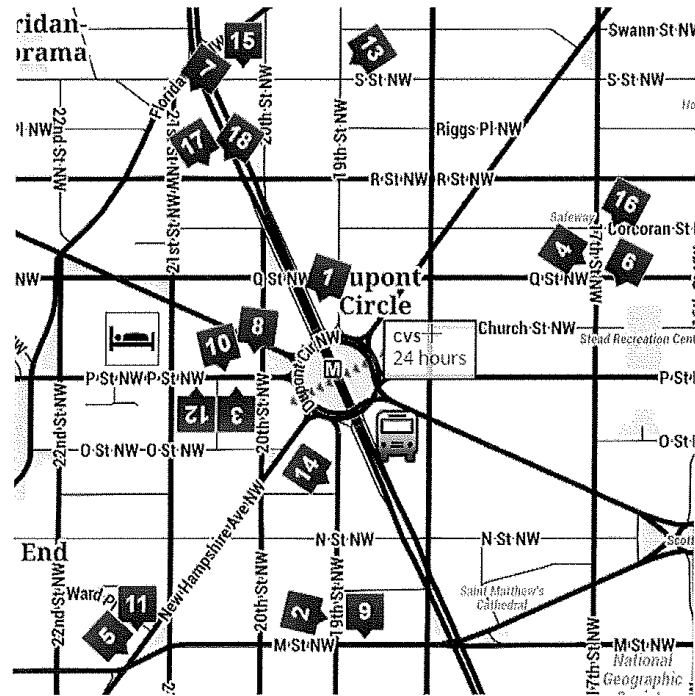
<b>Tyler Prochnow</b>	Wed PM2
<b>Erin Pullen</b>	Poster
<b>Thandi Puoane</b>	Wed PM2
<b>Sushama Rajapaksa</b>	Wed AM2
<b>Maria Cristina Ramos Flor</b>	Thur AM1
<b>Michael Ray</b>	Wed PM1
<b>Sabin Ray</b>	Fri AM1
<b>Yiqing Ren</b>	Thurs PM2
<b>Ken Resnicow</b>	Wed PM2
<b>Kenneth Riopelle</b>	Wed AM2
<b>Abram Rosenblatt</b>	Wed AM2
<b>Jared Rubin</b>	Fri AM2
<b>Abby Rudolph</b>	Wed AM2
<b>Robert Sampson</b>	Fri PM1
<b>Enos Sande</b>	Fri PM1
<b>Christopher Santucci</b>	Fri AM2
<b>Becker Sascha</b>	Fri AM2
<b>Aurora Schmidt</b>	Fri AM2
<b>John Schneider</b>	Wed AM2, Wed PM1
<b>David Serwadda</b>	Fri PM1
<b>Susan E. Shadle</b>	Thur AM1
<b>Anna Shetler</b>	Wed PM1
<b>Heesung Shin</b>	Wed PM2
<b>Sarah Shugars</b>	Wed AM1
<b>Michael D. Siciliano</b>	Fri PM1
<b>Harald Sick</b>	Thur AM1
<b>Lisa Singh</b>	Thurs PM2
<b>John Skvoretz</b>	Thur AM1, Fri PM1
<b>Rachel Slayton</b>	Wed AM1
<b>Mario Small</b>	Fri PM1
<b>Emily Smith</b>	Thur AM2
<b>Nailah Smith</b>	Wed AM1
<b>Christophe Sohn</b>	Thur AM2
<b>Sarah Stafford</b>	Wed PM1
<b>Marilyne N. Stains</b>	Thur AM1
<b>Jamila K. Stockman</b>	Wed AM2
<b>Rich Takacs</b>	Thur AM1, Thurs PM1
<b>Minh Tang</b>	Thur AM2
<b>James Thompson</b>	Thurs PM1

<b>Karin Tobin</b>	Wed AM2
<b>Steven H. Tompson</b>	Thurs PM1
<b>Kayla Tormohlen</b>	Wed AM2
<b>William Trick</b>	Wed PM1
<b>Lungiswa Tsolkile</b>	Wed PM2
<b>Thomas Valente</b>	Wed AM2, Wed PM2
<b>Ben Van Durme</b>	Poster
<b>Moirra van Staaden</b>	Poster
<b>Michelle Vanni</b>	Wed AM2
<b>Daniella Varda</b>	Fri AM2
<b>Danielle M. Varda</b>	Fri AM2
<b>Fernando Vega Redondo</b>	Fri PM1
<b>George Vega Yon</b>	Wed AM2, Wed PM2, Thurs AM2
<b>Jean M. Vettel</b>	Thurs PM1
<b>Christian Vogel</b>	Thur AM1
<b>Joshua Vogelstein</b>	Thur AM2
<b>Dylan Wagner</b>	Thurs PM1
<b>Karla D. Wagner</b>	Wed AM2

<b>Laila Wahedi</b>	Thurs PM2
<b>Cheng Wang</b>	Wed AM1
<b>Ryan Wang</b>	Fri PM1
<b>Melissa Warstadt</b>	Fri AM1
<b>Geoffrey West</b>	Thur AM1
<b>James Westaby</b>	Fri AM2
<b>Thalia Wheatley</b>	Thurs PM1
<b>Chris White</b>	Thur AM2
<b>Carlene Wilson</b>	Wed PM1
<b>Ryan Wong</b>	Wed AM2
<b>Xunyu Xiang</b>	Fri AM2
<b>Xian Xunyu</b>	Fri AM2
<b>Nina Yamanis</b>	Fri PM1
<b>Brian Yang</b>	Fri AM2
<b>Deniz Yenigun</b>	Fri PM1
<b>Lindsay Young</b>	Wed AM2, Thurs PM2
<b>Yue Yu</b>	Fri AM2
<b>John P. Ziker</b>	Thur AM1

## Recommendations for Eating, Drinking, and Entertainment

### Our neighborhood favorites...



#### American:

1. **Kramerbooks & Afterwords**  
café (\$\$) Open late  
1517 Connecticut Ave NW  
(202) 387 - 3825
2. **Teddy and the Bully Bar** (\$\$)  
1200 19<sup>th</sup> St NW  
(202) 872 - 8700

#### Italian:

3. **Al Tiramisu** (\$\$\$)  
2014 P St NW  
(202) 467 - 4466
4. **Floriana** (\$\$)  
1602 17<sup>th</sup> St NW  
(202) 667 - 5937

#### Seafood:

5. **Grillfish** (\$\$)  
1200 New Hampshire Ave NW  
(202) 331 - 7310
6. **Hank's Oyster Bar** (\$\$)  
1624 Q St NW  
(202) 462 - 4625

#### French:

7. **Bistrot du Coin** (\$\$)  
1783 Connecticut Ave  
(202) 234 - 6969

#### Mexican:

8. **Mission Dupont** (\$\$)  
1606 20<sup>th</sup> St NW  
(202) 525 - 2010

#### Spanish Tapas:

9. **Bocqueria** (\$\$)  
1837 M St NW  
(202) 558 - 9545

#### Pizza:

10. **Pizzeria Paradiso** (\$\$)  
2003 P St NW  
(202) 223 - 1245

#### Chinese:

11. **Meiwah** (\$\$)  
1200 New Hampshire Ave NW  
(202) 833 - 2888

#### Japanese:

12. **Sakana** (\$)  
2026 P St NW  
(202) 887 - 0900

#### Ethnic:

13. **Mandu** (\$\$)  
1805 18<sup>th</sup> St NW  
(202) 588 - 1540

#### Middle Eastern:

14. **Ankara** (\$\$)  
1320 19<sup>th</sup> St NW  
(202) 293 - 6301

#### Thai:

15. **Thaiphon** (\$\$)  
2011 S St NW  
(202) 667 - 3505

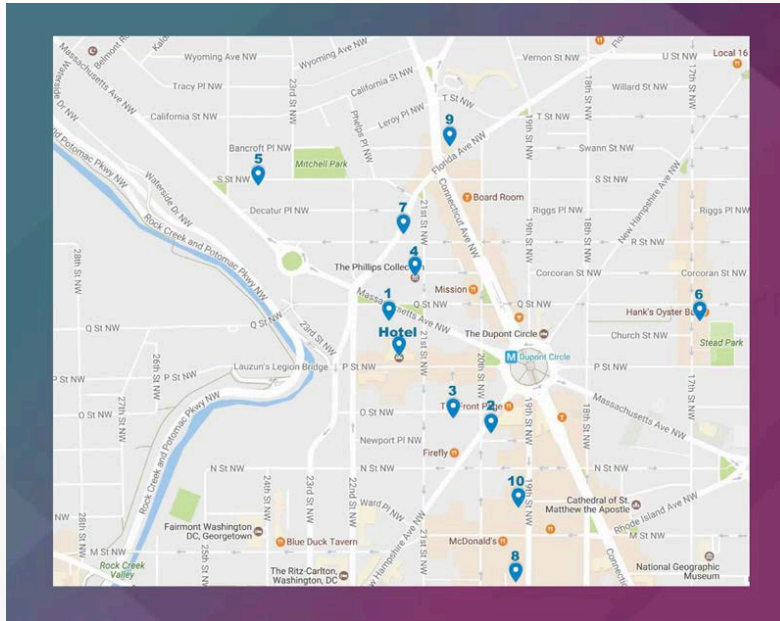
#### Steak:

16. **Annie's Steak House** (\$\$)  
1609 17<sup>th</sup> St NW  
(202) 232 - 0395

#### Coffee & Tea:

17. **Teaism** (\$)  
2009 R St NW  
(202) 667 - 3827
18. **Dolcezza** (\$)  
1704 Connecticut Ave NW  
(202) 299 - 9116

# Kimpton Hotel Palomar Washington, DC



**1. Anderson House—The American Revolution Institute of the Society of the Cincinnati** <http://societyofthecincinnati.org>  
2118 Massachusetts Ave. NW (202) 785-2040  
The nation's oldest patriotic organization, founded in 1783 during the American Revolution.

**2. Heurich House Museum** <http://heurichhouse.org>  
1307 New Hampshire Ave. NW (202) 429-1894  
Built 1892-94, the museum is the historic home of German immigrant, local brewer, and philanthropist Christian Heurich.

**3. The Mansion on O & O Street Museum**  
<http://omansion.com> 2020 O St. NW (202) 496-2000  
This unique environment inspires guests to solve problems by thinking differently.

**4. The Phillips Collection** <http://phillipscollection.org>  
1600 21st St. NW (202) 387-2151  
Works by renowned European and American Impressionists and modern artists—Degas, Matisse, O'Keeffe, Picasso, Renoir and Rothko among them.

**5. Woodrow Wilson House** <http://woodrowwilsonhouse.org>  
2340 S St. NW (202) 387-4062  
Dine intimately in the Presidential dining room, enjoy cocktails throughout the main museum rooms or relax and unwind in the tranquil period garden.

**6. Agora** <http://agoradc.net>  
1527 17th St. NW (202) 332-6767  
Washington, DC 20036  
The go to Mediterranean restaurant in historic DuPont Circle.

**7. Buca di Beppo** <http://bucadibeppe.com/restaurants/dc/washington-d-c>  
1825 Connecticut Ave. NW (202) 518-4048  
Celebrating recipes handed down from generation to generation by Italian immigrants.

**8. Nooshi Restaurant** <http://nooshidc.com>  
1120 19th St. NW (202) 293-3138  
Critically acclaimed traditional and contemporary Asian dishes, including Japanese sushi bar and an extensive wine, sake and specialty cocktails list.

**9. Restaurant Nora** <http://noras.com>  
2132 Florida Ave. NW (202) 462-5143  
Celebrating 36 years, the country's first certified organic restaurant presenting seasonal, sustainable organic cuisine.

**10. Teddy & The Bully Bar** <http://teddyandthebullybar.com>  
1200 19th St. NW (202) 872-8700  
Paying tribute to our 26th President, this restaurant insures that their customers are provided the robust and refined dining experience they are looking for.



