AT&T

January 5, 1999

Secretary,
Federal Trade Commission
Room H-158
600 Pennsylvania Avenue, N.W.
Washington, D.C. 20580

Dear Mr. Clark

AT&T is pleased to nominate Dr. Lorrie Cranor for appointment to the Advisory Committee on Online Access and Security. Dr. Cranor's resume is attached, and describes in detail her experience, educational background, expertise and publications.

Dr. Cranor chairs the World Wide Web Consortium's (W3C) Platform for Privacy Preferences Project specification Working Group and co-chairs a related group, the Platform for Privacy Preference Project Interest Group. She has been a technical advisor to the Internet Privacy Working Group (IPWG) since 1996, where she interacts with both non-profit organizations and commercial entities. Dr. Cranor has also provide expert testimony in technology related areas.

Dr. Cranor's area of research focuses on a variety of areas where technology and society interact. She has researched the spam problem, electronic voting, Internet users' attitudes about online privacy, technical solutions to address online privacy concerns, and tools to help parents select appropriate online content for their children. She has presented her research at leading technical conferences as well as public forums and university lectures.

Dr. Cranor is a member of the Secure Systems Research Department at AT&T Labs-Research. Members of the department conduct research in a variety of security-related areas including cryptography, web security, and distributed systems.

Dr. Cranor's leadership role in the Platform for Privacy Preferences Project is due to both her knowledge and expertise, as well as her ability promote a balance of view points in the working groups. Dr. Cranor has succeeded in bringing together a wide variety of diverse interests from industry, government, and civil liberties groups and helping the working groups move forward.

We are pleased to nominate Dr. Cranor, and believe you will find her participation an excellent resource within the Commission.

Should you have questions you can contact Dr. Cranor directly at lorrie@research.att.com, or at (973) 360 8607. Or, you can contact her through me at (202)457-2106.

Marilyn Cade
Director, Internet and E-Commerce

CC: Dr. Lorrie Cranor

Lorrie Faith Cranor

lorrie@research.att.com
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973-360-8607 (W)

Education

Washington University, St. Louis, MO
Doctor of Science in Engineering and Policy, December 1996
Master of Science in Computer Science, December 1996
Master of Science in Technology and Human Affairs, May 1993
Bachelor of Science in Engineering and Public Policy, May 1992
Minors in Computer Science and Fine Arts

Employment

Senior Technical Staff Member, 1996 - present
AT&T Labs-Research, Florham Park, NJ

Lecturer and Manager of the Student Staff, 1993 - 96
Washington University Computer Science Department, St. Louis, MO

Research Assistant, 1992 - 93
Washington University Medical Library, Advanced Technology Group,
St. Louis, MO

Freelance Writer, 1989 - 96
The St. Louis Post-Dispatch, the Gazette Newspapers, and other publications

Institute of Electrical and Electronics Engineers Intern, Summer 1992
Washington Internships for Students of Engineering, Washington, DC

Health and Environmental Sciences Intern, Summer 1991
American Petroleum Institute, Washington, DC

Teaching Experience

Guest lecturer for courses at Rutgers University, Columbia University, Princeton University, and the University of Michigan School of Information

[Computers and Society](#) (EP/CS 142)
Fall 1993, Spring 1996
[Washington University](#)

[Introduction to Computing Tools](#) (CS 100)
Fall 1994, Summer 1995
[Washington University](#)

Professional Activities

- Chair, [Computers, Freedom and Privacy 2000 conference](#)

- Expert Witness, [Cyberspace vs. Engler](#), July 1999

- Program committee member, 1999 [Computers, Freedom and Privacy](#) conference

- Program committee member, 1999, 2000 [Telecommunications Policy Research Conference](#)

- Program committee member, [9th International World Wide Web Conference (WWW9)](#)

- Chair, AT&T Student Research Day committee, 1998, 1999

- National Advisory Board Member, [Voting Integrity Project](#), 1998 to present

- Chair, [W3C](#) [Platform for Privacy Preferences Project](#) Specification Working Group, 1999 to present

- Co-chair, [W3C](#) [Platform for Privacy Preferences Project](#) Interest Group, 1998 to present

- Advisory Committee Reperesentative, [World Wide Web Consortium](#), 1997 to present

- Chair, [W3C](#) [Platform for Privacy Preferences Project](#) Vocabulary Working Group, 1997

- Technical advisor, Internet Privacy Working Group, 1996 to present

- Member, ACM Publications Board, 1997 to present

- Member, ACM Membership Activities Board, and chair of student activities, 1997 - 99

- Editor-in-Chief, *Crossroads: The ACM Student Magazine,* 1994 - 96

- Member, ACM Membership and Promotions Board, 1995 - 96

- Graduate Student Representative, Washington University Board of Trustees, 1995 - 96

- Member, Washington University Graduate-Professional Council, 1994 - 96

- New Information Technologies Chair, St. Louis Professional Chapter, Society of Professional Journalists, 1995 - 96

- Webmaster, Washington University Computer Science Department, 1994 - 95

- Curriculum developer for new undergraduate courses on computer tools, and computers and society, Washington University, 1994

- Co-chair, panel on the graduate school experience for women in computer science, Grace Hopper Celebration of Women in Computing, June 1994

- Coordinator, Washington University Society of Women Engineers Mentoring Program, 1993 - 95

- Coordinator, Washington University Association of Graduate Engineering Students, 1993 - 95

- President, Washington University Engineering and Policy Student Association, 1991 - 92

- Staff Member, Student Life, Washington University's semi-weekly student newspaper - served as Managing Editor, Production Manager, News Editor, Page Designer and Senior Staff Writer, 1989 - 92

- Member of the following societies: Tau Beta Pi, ACM, IEEE, Computer Professionals for Social Responsibility

Honors

- ACM Computer Science Conference Student Poster Forum Award, 1996

- Association of Graduate Engineering Students Research Fair First Place Award, 1996

- Omicron Delta Kappa Campus Government Honors Medal, 1995

- Washington University Engineering & Policy Departmental Fellowship, 1992 - 96

- Senior Award for Service to the Engineering and Policy Department and Professional Excellence, 1992

- Missouri College Newspaper Association Award for Second Place in Features Writing, 1992

- Washington University Woodward Engineering Fellowship, 1989 - 92

- National Merit Scholarship Finalist, 1989

- Columbia University's national Gold Circle Award for Features Profiles Writing, second place, 1988

Invited Talks and Research Presentations

Invited talk: *Many Lessons Later: The Platform for Privacy Preferences and What We've Learned About Designing Social Protocols*, Rensselaer Polytechnic Institute, Troy, NY, 11 November 1999.

Minding your own business: The Platform for Privacy Preferences Project and Privacy Minder, 1999 USENIX Annual Technical Conference, FREENIX Track, Monteray, CA, 10 June 1999.

Invited talk: *Tracks on the web and a grammar for personal privacy*, Individual Privacy and Information Policy: A Policy and Research Issues Conference, Rutgers University, New Brunswick, NJ, 14 April 1999.

Panel moderator: *Anonymity and Identity in Cyberspace*, Computers, Freedom and Privacy 1999, Washington, DC, 7 April 1999.

Panelist: *ACM Computer and IT Policy Briefing for the 106th Congress*, Washington, DC, 5 March 1999.

Invited talk: *Privacy and Commerce*, Raymond Walters College Community Conversations series on Privacy in America, Cincinnati, OH, 9 February 1999.

Invited talk: *The Platform for Privacy Preferences Project*, Internet Developer/Technology Group, San Jose, CA, 15 October 1998.

Panel moderator: *Privacy and Data Mining*, The Fourth International Conference on Knowledge Discovery and Data Mining, New York City, 29 August 1998.

Invited panelist: *Technologies* panel, Public Meeting on Internet Privacy, U.S. Department of Commerce, Washington, DC, 24 June 1998.

Invited talk: *Electronic voting: theory and practice*, Royal Melbourne Institute of Technology, Melbourne, Australia, 20 April 1998.

Panel moderator: *Laws, self-regulation, and P3P: Will W3C's privacy platform help make the Web safe for privacy?*; Invited panelist: *The relationship between policy and technology in electronic commerce*; W3C track presentation on the Platform for Privacy Preferences Project. Seventh International World Wide Web Conference, Brisbane, Queensland, Australia, 14-18 April 1998.

The Platform for Privacy Preferences Project: Facilitating Individual Control Over Personal Information Flow Online, Human Computer Interaction Consortium Workshop, Winter Park, Colorado, 6 March 1998.

Invited talks: *The Platform for Privacy Preferences Project* and *Unsolicited Commercial Email*, IBM Watson Research, Hawthorne, New York, 16 December 1997.

Invited talk: *The Technology Tool Kit,* Internet Online Summit: Focus on Children, Washington, DC, 2 December 1997.

Invited talk: *Making the Internet Safe, Fun, and Profitable,* International Symposium of Computing Technology (EI@TEC97), Torreon, Coahuil, Mexico, 17 October 1997.

User Empowerment Techniques to Address Online Privacy Concerns, DIMACS Workshop on Massive Data Sets in Telecommunications, Piscataway, NJ, 14 October 1997.

Invited talk: *The Future of Privacy*, DIMACS Research and Education Institute '97, Piscataway, NJ, 3 August 1997.

Invited panelist: Internet Privacy, A Briefing by the Advisory Committee of the Congressional Internet Caucus, Washington, DC, 18 April 1997.

Invited talk: *Making it Safe, Fun, and Profitable to do Business on the Internet*, Sonya Kovalevsky Day 97, Montgomery College Mathematics Department, Rockville, MD, 18 April 1997.

Invited panelist: Computer Ethics Institute 5th National Computer Ethics Conference -- *Cybercivics 101: the Relevance of Representative Democracy in the Information Age*, Brookings Institution, Washington, DC, 10 October 1996.

Invited talk: *Electronic Voting: Representative Democracy in the Information Age*, Webster University Department of Philosophy, St. Louis, MO, 17 September 1996.

Dissertation presentation: Washington University Department of Engineering and Policy, St. Louis, MO, 10 September 1996.

Invited panelist: *Policy Implications of Privacy Technology,* Sixth Conference on Computers, Freedom and Privacy, Cambridge, Massachusetts, 27-30 March 1996.

Master's project presentation: Washington University Department of Computer Science, St. Louis, MO, 16 November 1995.

Thesis presentation: Washington University Department of Engineering and Policy, St. Louis, MO, 26 April 1993.

Publications

Privacy in E-Commerce: Examining User Scenarios and Privacy Preferences. *Proceedings of the ACM Conference on Electronic Commerce (EC'99), 3-5 November 1999, Denver, Colorado, p. 1-8 (with M. Ackerman and J. Reagle).*

Agents of Choice: Tools that Facilitate Notice and Choice about Web Site Data Practices. Proceedings of the 21st International Conference on Privacy and Personal Data Protection, 13-15 September 1999, Hong Kong SAR, China, p. 19-25.

Privacy Critics: Safeguarding Users' Personal Data. WebTechniques (September 1999) p. 67-70. (with M. Ackerman)

Privacy Critics: UI Components to Safeguard Users' Privacy. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'99), short papers (v.2.), p. 258-259. (with M. Ackerman)

Beyond Concern: Understanding Net Users' Attitudes About Online Privacy. AT&T Labs-Research Technical Report TR 99.4.3, 14 April 1999. (with M. Ackerman and J. Reagle) Presented at the Telecommunications Policy Research Conference. Alexandria, VA, September 25-27, 1999.

Introduction to CACM special section: *Internet Privacy. Communications of the ACM. Vol. 42, No. 2 (Feb. 1999), p. 28-31.*

The platform for privacy preferences. Communications of the ACM. Vol. 42, No. 2 (Feb. 1999), p. 48-55. (with J. Reagle)

Influencing Software Usage. Proceedings of the Telecommunications Policy Research Conference. Alexandria, VA, October 3-5, 1998. (with R. Wright)

Election Automation. In The Administration and Cost of Elections (ACE) Electronic Publication. A joint endeavor of the International Institute for Democracy and Electoral Assistance, the United Nations Department of Economic and Social Affairs, and the International Foundation for Election Systems. Version 0, October 1998.

Bias and Responsibility in 'Neutral' Social Protocols, Computers & Society, September 1998, p. 17-19. Originally presented at the DIMACS workshop on Design for Values: Ethical, Social and Political Dimensions of Information Technology, Princeton, NJ, 28 February 1998.

Spam! Communications of the ACM. Vol. 41, No. 8 (Aug. 1998), Pages 74- 83. (with *B. LaMacchia*)

Internet Privacy: A Public Concern. netWorker: The Craft of Network Computing Vol. 2, No. 3 (June/July 1998), p. 13-18.

P3P Guiding Principles. W3C Note, 21 July 1998 (editor)

P3P Vocabulary Working Group Grammatical Model and Data Design Model. W3C Working Draft, October 14, 1997. (editor)

Protocols for Automated Negotiations with Buyer Anonymity and Seller Reputations. Proceedings of the *Telecommunications Policy Research Conference*. Alexandria, VA, September 27-29 1997. (with *P. Resnick*)

Designing a Social Protocol: Lessons Learned from the Platform for Privacy Preferences. In Jeffrey K. MacKie-Mason and David Waterman, eds., Telephony, the Internet, and the Media. Mahwah: Lawrence Erlbaum Associates, 1998. Paper presented at the *Telecommunications Policy Research Conference*. Alexandria, VA, September 27-29 1997. (with J. Reagle)

The Role of Technology in Self-Regulatory Privacy Regimes. In *Privacy and Self Regulation in the Information Age*. U.S. Department of Commerce, National Telecommunications and Infrastructure Administration. June 1997. p. 185-191.

Sensus: A Security-Conscious Electronic Polling System for the Internet. *Proceedings of the Hawai`i International Conference on System Sciences*, January 7-10, 1997, Wailea, Hawai`i, USA (with R. Cytron).

Declared-Strategy Voting: An Instrument for Group Decision-Making. Washington University Dissertation. December 1996.

Towards an Information-Neutral Voting Scheme That Does Not Leave Too Much to Chance. Paper presented at the Midwest Political Science Association Annual Meeting, April 18-20, 1996 (with R. Cytron).

Design and Implementation of a Security-Conscious Electronic Polling System. Washington University Computer Science Technical Report WUCS-96-02. January 23, 1996 (with R. Cytron).

Can Declared Strategy Voting be an Effective Instrument for Group Decision-Making? Washington University Computer Science Technical Report WUCS-95-04. February 8, 1995.

Is ENOF Enough? Design and Evaluation of an Electronic Newspaper of the Future. Washington University Masters Thesis. May 1993.

After Accolade: time for new laws? *IEEE Software*. November 1992. p100-101.