

**JENNIFER S. SINGH**  
**Assistant Professor of Sociology**  
**School of History, Technology, and Society**  
**Ivan Allen College**  
**Georgia Institute of Technology**  
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**I. EARNED DEGREES**

Ph.D.	2010	University of California, San Francisco	Sociology
M.P.H.	2003	University of Washington	Public Health Genetics
B.S.	1993	California Polytechnic State University	Biological Sciences

**II. EMPLOYMENT HISTORY**

Assistant Professor, School of History, Technology and Society Georgia Institute of Technology	Fall 2011 – Present
Full Time Instructor, Dept. of Sociology and Criminal Justice Kennesaw State University	Fall 2010 – 2011
Research Assistant, Center for Integration of Research On Genetics and Ethics (CIRGE), Stanford University	Fall 2004 - 2008
ASPH Research Fellow, Office of Public Health Genomics Center for Disease Control and Prevention	Fall 2003 – 2004
ASPH Research Intern, Office of Laboratory Genomics Center for Disease Control and Prevention	Summer 2002
Senior Research Associate, Dept. of Molecular Biology Genentech, Inc.	1995 – 2001
Biochemical Technician, Cell Culture Operations Genentech, Inc.	1993 – 1995

**III. HONORS AND AWARDS**

2013	Thank a Teacher Award, CETL, Georgia Institute of Technology
2012	Thank a Teacher Award, CETL, Georgia Institute of Technology
2011	Nominated by the UCSF Graduate Division for the 2011 Council of Graduate Schools/University Microfilms International Distinguished Dissertation Award in Humanities/Fine Arts
2010	Anselm Strauss Special Award for Distinguished Qualitative Dissertation, Department of Social and Behavioral Sciences, UCSF
2009 – 2010	Andrews Scholarship, School of Nursing, UCSF

- 2009 Diana Forsythe Memorial Dissertation Award for Social Studies of Science Technology & Health. Department of Anthropology, History and Social Medicine, UCSF
- 2009 Anselm Strauss Dissertation Research Award, Department of Social and Behavioral Sciences, UCSF
- 2008 International Meeting for Autism Research Travel Award
- 2004 – 2009 National Institute of General Medical Sciences Fellowship, UCSF
- 2003 – 2004 Association of Schools of Public Health Research Fellowship
- 2002 Association of Schools of Public Health Research Internship

#### IV. RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

\*Indicates work done at Georgia Tech

##### A. PUBLISHED BOOKS AND PARTS OF BOOKS

###### A1. Books

\*Singh, J. *Autism Genomic Gaze: Parents, Scientists, and the Spectrum of Knowledge Production*. Under full contract with University of Minnesota Press. Full Manuscript will be submitted for production December 2014.

###### A2. Refereed Book Chapters

2011 \*Singh, J. "The Vanishing Diagnosis of Asperger's Disorder" in PJ McGann and David J. Hutson (ed.) *Sociology of Diagnosis (Advances in Medical Sociology, Volume 12)* Emerald Group Publishing Limited, pp. 237-259.

###### A3. Other Parts of Books

###### A4. Edited Volumes

##### B. REFEREED PUBLICATIONS AND SUBMITTED ARTICLES

###### B1. Published and Accepted Journal Articles

2014 \*Singh, J. Narratives of Participation, *Science, Technology and Human Values*, Published online before print July 3, 2014. Impact Factor 2.075.

2009 Singh, J., Illes, J., Lazzeroni, L. and Hallmayer, J. Trends in US autism research funding. *Journal Autism and Developmental Disorder*, 39(5), 788-795.

2007 Singh, J., Hallmayer, J. and Illes, J. Interacting and paradoxical forces in neuroscience and society. *Nature Review Neuroscience*, 8(February), 153-159.

###### B2. Conference Presentation with Proceedings (Refereed)

###### B3. Other refereed material

#### **B4. Submitted Journal Articles**

\*Singh, J. Parenting Work and Autism Trajectories. Submitted July 9, 2014 to *Sociology of Health and Illness*. Status: "revise and resubmit" given by journal on Nov. 5, 2014.

#### **C. OTHER PUBLICATIONS**

- 2013 \*Singh, J. Review of Michelle Murphy, *Seizing the Means of Reproduction: Entanglements of Feminism, Health, and Technoscience. New Genetics and Society*, Published online: 23 Dec.
- 2003 Singh, J. and Hutsell, C. "State Capacity Grants for Integrating Genomics into Chronic Disease Prevention Programs." Chapter 14 in the *Office of Genomics and Disease Prevention, CDC 2003 National Report*.
- 2003 Singh, J. and Reed, K. "Internet Resources for Genomics and Disease Prevention." Chapter 15 in the *Office of Genomics and Disease Prevention, CDC 2003 National Report*.

#### **D. PRESENTATIONS**

##### *Invited Presentations*

- 2012 \*Singh, J. "Redefining Autism through a Genetic Lens." School of History, Technology and Society, Georgia Institute of Technology, November.
- 2011 \*Singh, J. "The Vanishing Diagnosis of Asperger's Syndrome: Identity Construction Based on Diagnosis and Everyday Life Experiences." School of History, Technology and Society, Georgia Institute of Technology, September.
- 2011 \*Singh, J. "Autism and the Impact of Emerging Technologies on Everyday Life." School of Interactive Computing, Georgia Institute of Technology, October.
- 2010 Singh, J. "The Genetic Reclassification of Autism Spectrum Disorders." Department of Anthropology, History and Social Medicine, University of California, San Francisco, May.

##### *Conference Papers and Posters*

- 2014 \*Singh, J. "Genomic Styles of Thought in Autism Research" at *American Sociological Association* Conference in San Francisco. August.
- 2013 \*Singh, J. "Transformative and Professional Parenting in the Social World of Autism." at *Society for Social Studies of Science (4S)* Conference in San Diego, CA, October.
- 2013 \*Singh, J. "The Vanishing Diagnosis of Asperger Syndrome: Identity, Stigma and Everyday Life" at *American Sociological Association* Conference in New York, NY, August.
- 2013 \*Singh, J. "Parenting a Child with Autism: Reorientations in Everyday Life" at *Southern Sociological Society* Conference in Atlanta, GA, April.

- 2013 \*Singh, J. "The Diagnostic Odyssey of Autism" at *Southern Sociological Society* Conference in Atlanta, GA, April.
- 2013 \*Singh, J. "The Diagnostic Odyssey: Parents' Experiences of the Diagnosis of Autism" at the *International Meeting for Autism Research* in Donostia, Spain, May.
- 2012 \*Singh, J. "Redefining Autism through a Genetic Lens" at *Society for Social Studies of Science (4S)* Conference in Copenhagen, Denmark, October.
- 2012 \*Singh, J. "Misguided Hope in Autism Genetics Research" at *American Sociological Association* Conference in Denver, CO, August.
- 2012 \*Singh, J. "The Social Contract of a Medical Diagnosis: Implications of the exclusion of 'Asperger's disorder' in the DSM-5" at *Southern Sociological Society* Conference in New Orleans, LA, March.
- 2012 \*Singh, J. "Styles of Participation in the Simons Simplex Collection and Ethical Implications of Genetics Research" at the *International Meeting for Autism Research* in Toronto, Canada, May.
- 2011 \*Singh, J. "Collaborations, Consortia and Collections Fueling Autism Research" at *Society for Social Studies of Science (4S)* Conference in Cleveland, OH, November.
- 2011 \*Singh, J. "Autism Health Social Movements and the Production of Genetic Knowledge" at *American Sociological Association* Conference in Las Vegas, NV, August.
- 2010 Singh, J. "The Genetic Imagination of Autism Spectrum Disorder" at *American Sociological Association* in Atlanta, GA, August.
- 2009 Singh, J. "Imagining the Future of Autism Spectrum Disorders" at *Society for Social Studies of Science (4S)* Conference in Washington, DC, October.
- 2009 Singh, J. "The Genetic Understanding of Autism: Perspectives from Adults on the Autism Spectrum" at *American Sociological Association* Conference in San Francisco, CA, August.
- 2009 Singh, J. "The Social World of Autism: Perspectives from Adults on the Autism Spectrum" at the *International Meeting for Autism Research* Conference in Chicago, IL, May.
- 2008 Singh, J., Illes, J., Lazzeroni, L., and Hallmayer, J. "Trends in Autism Research Funding" at the *International Meeting for Autism Research* Conference in London, England, May.
- 2006 Singh, J. "The Silent Voices of Autism" at *Society for Social Studies of Science (4S)* Conference in Vancouver, Canada, November.
- 2006 Singh, J., Hallmayer, J. and Illes, J. "A paradoxical relationship of scientific and public discourse in autism research" at *Society for Neuroscience* Conference in Atlanta, GA, October.
- 2004 Singh, J., Myers M, et al. "Genomics Training Tools for Public Health Professionals" at National Coalition for Health Professional Education in Genetics Meeting in Bethesda, MD, January.
- 2004 Singh, J., Burke W, Fryer-Edwards K, et al. "A Conceptual Model of How Primary Care Faculty Integrate Genetics into Medical School and Residency Training Programs" at National Coalition for Health Professional Education in Genetics Meeting in Bethesda, MD, January.

2003 Singh J. "Integrating Genetic Testing into Practice: Cystic Fibrosis Screening and the Changing Roles for Clinical and Public Health Professionals" at University of Washington, School of Public Health, Seattle, WA, May.

**E. GRANTS AND CONTRACTS**

**E1. AS PRINCIPLE INVESTIGATOR**

**E2. AS CO-PRINCIPLE INVESTIGATOR**

**E3. AS SENIOR PERSONNEL OR CONTRIBUTOR**

E3. PROPOSALS SUBMITTED BUT NOT FUNDED (last two years)

**F. OTHER SCHOLARLY ACCOMPLISHMENTS**

**G. SOCIETAL AND POLICY IMPACTS**

Singh's research scholarship brings attention to the imbalance of national research priorities for life course issues associated with autism spectrum disorder compared to genetics research. Her scholarship also charts important shifts in the way complex human diseases are investigated scientifically and the clinical, social, and ethical implications of genetics and genomics research in the 21<sup>st</sup> century.

Singh's academic teaching has been recognized through several "Thank a Teacher" Awards and various student honors based on research conducted in her HTS 4086 seminar, including two students accepted to the 2014 ACC Meeting of the Minds Conference in Pittsburg, PA.

**V. TEACHING**

**A. COURSES TAUGHT**

*Graduate Courses*

<b>Semester, Year</b>	<b>Course Number</b>	<b>Course Title</b>	<b>Number of Students</b>
Spring 2014	HTS 8903	Special Problems	2
Spring 2013	HTS 8902	Special Problems	1
Fall 2012	HTS 8903	Special Problems	1
Fall 2012	HTS 6123	Perspectives Biomedicine	7
Fall 2011	HTS 8802	Perspectives Tech. & Science	11

*Undergraduate Courses*

<b>Semester, Year</b>	<b>Course Number</b>	<b>Course Title</b>	<b>Number of Students</b>
Summer 2014	HTS 3086	Soc. of Medicine & Health	14
Spring 2014	HTS 3082	Soc. of Science	20
Spring 2014	HTS 3086	Soc. of Medicine & Health	31
Fall 2013	HTS 4086	Sem. Health, Med & Society	9
Fall 2013	SOC 1101	Intro. to Sociology	141
Summer 2013	HTS 3086	Soc. of Medicine & Health	14
Summer 2013	HTS 4698	Research Assistantship	1
Spring 2013	SOC 1101	Intro. to Sociology	122

Spring 2013	HTS 3086	Soc. of Medicine & Health	27
Fall 2012	HTS 4686	Research Assistantship	1
Summer 2012	SOC 1101	Intro. to Sociology	49
Spring 2012	SOC 1101	Intro. to Sociology	140
Spring 2012	HTS 3086	Soc. of Medicine & Health	32

## B. INDIVIDUAL STUDENT GUIDANCE

### *Graduate Students*

Lisa Borello – PhD Dissertation Committee (Spring, Summer, and Fall 2013).

Defended dissertation on 8/16/2013. Title of dissertation: “Technical Discipline, Obese Bodies and Gender: A Sociological Analysis of Gastric Banding.”

Current Position: Project Coordinator, Kansas State University (since Feb. 2014).

Ron Dempsey – PhD Exam – Sociology of Science and Technology (Fall

2012 and Spring and Summer 2013). Passed Exam June 14, 2013;

Dissertation Committee (Spring and Fall 2014). Title of Dissertation:

“Engineering’s Gateway or Gatekeeper: The Role of Engineering

Technology within the Racially Stratified Structure of Engineering. “

Defending dissertation prospectus Nov. 14, 2014.

Tanya Hyman – Master’s Paper – (Spring and Summer 2013) – MOOC Survey

### *Undergraduate Students*

Chelsea Howell – PURA advisor (Fall 2012 and Spring 2013) – The Sociology of Diagnosis of Polycystic Ovarian Syndrome.

Jenna Hollenkamp - Women, Science and Technology Student-Faculty Research Partnership (Fall 2013) – Lay Perspectives of Autism Genetics.

Monica Cahal – Spring 2015 – PURA advisor - A Genetic Test for Autism? A Content Analysis of Autism Genetic Tests Available on the Internet

Elizabeth Warden

Summer 2013 - Women, Science, and Technology Student- Faculty Research Partnership – Commercialization of Autism Genetic Testing.

Fall 2013/Spring 2014 – Faculty advisor on presenting HTS 4086 seminar paper to three research conferences, including the 2014 ACC Meeting of the Minds Conference. Project Title: “The Power to Keep them Apart”: The Reinforcement of Gender Stereotypes in Prescription Direct-to Consumer Advertising.

Fall 2014 – Faculty Research Advisor – Direct to Consumer Advertising and Gender Stereotypes.

Spring 2015 – PURA advisor – Prescription Direct-to-Consumer Advertising Reinforcement of Gender Stereotypes in Magazines with Highly Gendered Readership.

April Martin – Fall 2013/Spring 2014 - Faculty advisor on presenting HTS 4086 seminar paper to three conferences, including the 2014 ACC Meeting of the Minds Conference. This project also received the Bellon Excellence-in-Research Award and the Most Outstanding Oral Presentation of IAC in Spring 2014. Project title: Too Big a Storm: The Complicated Atmosphere Around Women’s Sexual Problems.

Danielle Sharpe – Fall 2013/Spring 2014 – Faculty advisor on presenting HTS 4086 seminar paper to two conferences, including the Southeastern Undergraduate Sociology Symposium at Emory University. This project received the Outstanding Undergraduate Researcher Award in IAC in Spring 2014. Project Title: Using the Historical Context of Medical Exploitation to understand the Distrust of American Medicine among Southern African American Men.

### **C. OTHER TEACHING ACTIVITIES**

Fall 2013/Spring 2014 - Advised four undergraduate students on presenting their HTS 4086 seminar research projects to various conferences, including the 2014 ACC Meeting of the Minds in Pittsburg, PA, the Southeastern Undergraduate Sociology Symposium at Emory University, and the Georgia Tech Undergraduate Research Symposium.

Fall 2012 - Class of 1969 Teaching Fellow – Developed a teaching modules and research project to train students in conducting and analyzing qualitative interviews and the impacts of technology on medicine and health.

Fall 2012 - Developed new graduate course for STS Certificate with Dr. Anne Pollock: Social and Cultural Studies of Biomedicine.

## **VI. SERVICE**

### **A. PROFESSIONAL CONTRIBUTIONS**

- 2013 Book Reviewer for *New Genetics and Society*
- 2013 Peer reviewer for *American Journal of Bioethics*
- 2012 Manuscript reviewer for *Routledge*
- 2012 Peer Reviewer for *BioSocieties*
- 2012 Peer Reviewer for *American Journal of Bioethics*
- 2012 Peer Reviewer for *Science, Technology and Human Values*
- 2012 Peer Reviewer for *Sociology of Health and Illness*
- 2011 Peer Reviewer for *Social Studies of Science*

*PROFESSIONAL MEMBERSHIPS*

American Sociological Association (since 2004)

(Sections: Science, Knowledge, and Technology, Medical Sociology, Body and Embodiment, Sociology of Mental Health, Collective Behavior and Social Movements)

Society for Social Studies of Science (since 2006)

International Society for Autism Research (since 2008). Member of the Cultural Diversity Special Interest Group

Southern Sociological Society (since 2011)

**B. PUBLIC SERVICE**

**C. COMMUNITY SERVICE**

Atlanta Autism Consortium (AAC), member since 2011. Presented at the AAC Annual Symposium, May 24, 2012 and May 20, 2013.

**D. INSTITUTE CONTRIBUTIONS**

Georgia Institute of Technology: University

2013 Presented at the IAC Symposium on Opportunity and Access Research, Sept. 6, 2013.

2012 Founder's Day Legacy Awards Committee

2012 Founder's Day Symposium Panel Discussant, March 15, 2012

2012 Discussant for LCC/Women's Awareness Month Event – Margaret Edson, March 5, 2012.

2012 Undergraduate Research Symposium Judge

Georgia Institute of Technology: School of History, Technology and Society

2012-14 HTS Executive Committee

2013 Organized HTS Speaker, Jill Fisher, Jan. 28, 2013

2012 Search Committee for the Sports Studies Homer Rice Chair