

Thomas Simeon Woodson

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(last updated September 2023)

EDUCATION

Georgia Institute of Technology, Atlanta, GA

Ph.D. in Public Policy, 09/2014

Advisor: Susan Cozzens

Dissertation: Emerging Technologies for Developing Countries: How nanomedicine and public private partnerships are used to address diseases of poverty?

Princeton University, Princeton, NJ

B.S.E. in Electrical Engineering, 05/2007

Advisor: Wole Soboyejo

Senior Projects: Designed an OLED stack for developing countries, Measured surface morphology of transparent conducting oxide for large panel solar cells, Characterized surface and made adhesion force measurements between PEDOT:PSS and gold.

CURRENT POSITION

National Science Foundation, Alexandria, VA

Program Officer, Directorate for Social, Economic and Behavioral Sciences, 01/2024-present

Stony Brook University, Stony Brook, NY

Associate Professor, Department of Technology and Society, 01/2021-present

PREVIOUS APPOINTMENTS

1. **Stony Brook University**, Stony Brook, NY
Assistant Professor in Department of Technology and Society, 09/2014-12/2020
2. **Georgia Institute of Technology**, Atlanta, GA
Graduate Research Assistant, 09/2009 - 08/2014
3. **Science & Technology Policy Institute**, Washington, DC
Summer Associate, 06/2010 - 08/2010
4. **International Institute for Water and Environmental Engineering (2iE)**
Visiting Fellow, Ouagadougou, Burkina Faso, 01/2009-06/2009
5. **The Impact Movement**, Cape Town, South Africa
Overseas staff, 07/2007-12/2008
6. **Engineering Materials Development Institute**, Akure, Nigeria
Visiting Researcher, 01/2007
7. **University of Virginia, Microfabrication Laboratory**, Charlottesville, VA
Researcher, 05/2006-08/2006
8. **Nuclear Regulatory Commission, Region IV**, Arlington, TX
Engineering Associate, 05/2005-08/2005
9. **Princeton University, Center for Photonics and Optoelectronic Materials**, Princeton, NJ
Researcher, 05/2004-08/2004

GRANTS

1. NSF. Kim, Carol (PI), Shanise Kent (Co-PI), Joeseeph Skrivaneck (Co-PI), Bonita London-Thompson (Co-PI), Nancy Campos (Co-PI), **Woodson, Thomas (SBU Coordinator)**. “Louis Stokes New STEM Pathways and Research Alliance: State University of New York (SUNY) ”. Awarded 1/1/2023 to 12/30/2027. Award Amount: \$2,499,968. Grant #2207352.
2. NASA. **Woodson, Thomas (PI)**, “NASA/New York Space Grant Consortium: National Space Grant College and Fellowship Program 2020-2024”. Awarded 1/1/2023 to 12/30/2027. Award Amount: \$69,420
3. BusinessFinland. Jari Kuusisto (PI), **Thomas Woodson (Researcher)**. “Practicing Mission Oriented Innovation Policy”. Awarded 10/1/2022 to 9/31/2024. Award amount: 483,700 Euros
4. Ministry of Culture and Education of Finland. Jari Kuusisto (PI), Thomas Woodson (Researcher). “Global Pilots Network Finland”. Awarded 10/1/2022 to 9/31/2024. Award amount: 10,000 Euros
5. NASA. **Woodson, Thomas (PI)**, “NASA/New York Space Grant: Faculty Grant for Research”. Awarded 1/1/2022 to 12/31/2022. Award Amount: \$19,500.
6. NASA. **Woodson, Thomas (PI)**, “NASA/New York Space Grant Consortium: National Space Grant College and Fellowship Program 2020-2024”. Awarded 6/1/20 to 5/31/24. Award Amount: \$40,000.
7. NSF. **Woodson, Thomas (PI)**, “The immediacy, inclusion and productivity of NSF grants under the Broader Impact criterion”. Awarded 8/1/19 to 7/31/22. Award Amount: \$274,813. Grant #1926494.
8. Business Finland. Jari Kuusisto (PI), Leena Kunttu (Co-PI), Helka Kalliomäki (Co-PI), Sorin Dan (Co-PI), Eric von Hippel (Co-PI), Jason Potts (Co-PI), Peter Svensson (Co-PI), Thomas Aslev Christensen (Co-PI), **Thomas Woodson (Co-PI)** Evolving innovation space, RDI policies and impact evaluation (ELVIS). Awarded 9/1/2020 to 8/31/2023. Award Amount: \$330,650.
9. NSF. Barabino, Gilda (PI), Gaudio, Paolo (Co-PI), **Thomas Woodson (Consultant)**, “EAGER: Quantitative Studies of Career Trajectories for African American Women in Engineering and Computing”. Awarded 9/1/19 to 8/31/21. Award Amount: \$299,311. Grant # 1936777.
10. NSF. He, Gang, (PI), Elizabeth Hewitt (Co-PI), Mariana Savoca (Co-PI), **Thomas Woodson (Co-PI)**, “Workshop on Data Science Across the Undergraduate Curriculum: University-Industry Online Case Studies on Applications of Data Science”. Awarded 10/1/19 to 9/30/20. Award Amount: \$49,796.
11. NASA. **Woodson, Thomas (PI)**, “Space Technology and Society”. Awarded 1/1/17 to 12/31/17. Award Amount: \$9,850. Grant # 71972.
12. NSF. **Woodson, Thomas (PI)**. “Workshop: Non-Academic Careers for STS Graduate Students”. Awarded 8/1/2017 to 7/31/2018. Award Amount \$25,322.
13. NSF. **Woodson, Thomas (PI)** “Academic and Social STEM Excellence for Transfer Students (ASSETS)”. Awarded 6/1/2017 to 5/31/2022. Award Amount: \$998,748. Grant # 00023527.
14. NSF. Maurie McInnis (PI), Stacie Nunes (Co-PI), Monica Fernandez-Bugallo (Co-PI), Bonita London-Thompson (Co-PI), Shanise Kent (Co-PI), **Woodson, Thomas (Co-PI/Project Director)**. “The State University of New York (SUNY) LSAMP: Meeting the grand challenge of preparing students for successful transition into STEM majors and beyond”. Awarded 9/15/2016 to 9/14/2021. Award Amount: \$3,999,961. Grant # 1619619.
15. Stony Brook University Presidential Mini Grant. **Woodson, Thomas (PI)**. “STEM Disability Mentoring Day”. Awarded July 1, 2016 to June 30, 2017. Award Amount: \$3,000. Grant # 420021-84.
16. SUNY STEM Passport. **Woodson, Thomas (PI)**. “Nanomedicine in Clinical Trials”. Awarded 6/1/2015 to 8/31/2015. Awarded Amount: \$6,000.

17. NSF, Graduate Research Fellowship. **Woodson, Thomas (PI)**, “Nanotechnology’s Effect on Inequality in the Developing World”. Awarded 2010-2013.

PEER-REVIEWED PUBLICATIONS

1. Maliphol, Sira., Aridi, Anwar., Lee, Jeong-Dong, & **Woodson, Thomas**. (2024). Innovation policy responses to address vulnerabilities of national innovation systems: long-lasting impacts of COVID-19. *Science and Public Policy*, 29 July 2024.
2. Kalliomäki, Helka, Kalliokoski, Johanna, **Woodson, Thomas**, Kunttu, Leena, & Kuusisto, Jari (2024). Inclusion as a science, technology, and innovation policy objective in high-income countries: the decoupling dilemma. *Science and Public Policy*, 51(5).
3. **Woodson, Thomas**, & Jha, Swaneet. (2023). Comparison of nanotechnology research for coronaviruses and influenza from 2000 to 2022. *Journal of Nanoparticle Research*, 25(9), 182.
4. **Woodson, Thomas**, & Boutilier, Sophia (2023). From intent to impact—The decline of broader impacts throughout an NSF project life cycle. *Research Evaluation*, 32(2), 348-355.
5. **Woodson, Thomas**, Sophia Boutilier. (2022). “Impacts for Whom? Assessing Inequalities in NSF-funded Broader Impacts Using the Immediacy Inclusion Criterion”. *Science and Public Policy*. 49 (2). Pgs 168-178.
6. **Woodson, Thomas**, Rachel Faye Perlman, Marianna Savoca, Lauren Donovan. (2021) “Assessing the Academic and Social Growth of STEM Transfer Students. 2021 ASEE Virtual Annual Conference Content Access, Virtual Conference. 10.18260/1-2—36711.
7. Donovan, Lauren, Monica Bugallo, **Thomas Woodson**, Candice Foley, Shanise Kent, Bonita London, Stacy Nunes, Maurie McInnis. (2021, July). “An NSF-LSAMP Model for the Successful Transition of Underrepresented Students into STEM Majors and Beyond”. 2021 ASEE Virtual Annual Conference Content Access, Virtual Conference. 10.18260/1-2—36679.
8. **Woodson, Thomas**, Elina Hoffman, Sophia Boutilier. (2020). “Re-evaluating the NSF broader impacts with the Inclusion-Immediacy Criterion: A look at nanotechnology research”. *Technovation*. 101, 102210.
9. **Woodson, Thomas**, Logan Williams. (2020). “Stronger Together: Inclusive Innovation and Undone Science Frameworks in the Global South”. *Third World Quarterly*. January 2020.
10. **Woodson, Thomas**, Nataliia Telendii, Robert Tolliver. (2020). “Emerging Technology for Inclusive Innovation: 3D Printing in Public Libraries”. *Journal of Responsible Innovation*. 7(3).
11. **Woodson, Thomas**, Victor Rodriguez. (2019). “Analysis of inequality in nanomedicine using clinical trials and disease burden.” *Nanomedicine*. 14(13).
12. Williams, Logan, **Thomas Woodson**. (2019). “Enhancing Socio-technical Governance: Targeting Inequality in Innovation through Inclusivity Mainstreaming”. *Minerva*. 57. Pg 453-477.
13. **Woodson, Thomas**, Julia Torres Alcantara, Milena Silva do Nascimento. (2019). “Is 3D printing an Inclusive Innovation?: An examination of 3D printing in Brazil.” *Technovation*. 80. Pg 54-62.
14. **Woodson, Thomas**, Matthew Harsh, Michael Bernstein, Susan Cozzens, Jameson Wetmore, and Rafael Castillo. (2019) “Teaching Community Engagement to Scientists and Engineers via a Workshop Approach,” *Journal of Professional Issues (JPI) in Engineering Education and Practice*. 145(4).
15. **Woodson, Thomas**, Matthew Harsh, Rider Foley. (2018). “Non-Academic Careers for STS Graduate Students: Hopping off the Tenure Track.” *Minerva*. 56(4). 529-535.
16. **Woodson, Thomas**. (2018). Book Chapter: “Disease of Poverty Nanomedicine research in South Africa”. *Beyond the Imagination: Genetics, Nano and Biotechnologies and their Applications*. Johannesburg: MISTRA Press.

17. Chen, Shih-Hsin, **Thomas Woodson**. (2018). Book Chapter: "Building a Bioeconomy in South Africa: Lessons from Biotechnology Innovation Networks in Taiwan". *Beyond the Imagination: Genetics, Nano and Biotechnologies and their Applications*. Johannesburg: MISTRA Press.
18. Harsh, M., **Thomas Woodson**, S. Cozzens, S., Wetmore, J., Soumonni, D. and Cortes, R. (2018). The Role of Emerging Technologies in Inclusive Innovation: The Case of Nanotechnology in South Africa. *Science and Public Policy*. 45(5).
19. **Woodson, Thomas**. (2017). "Science's Role in Reducing US Racial Tensions". *Issues in Science and Technology*. Winter 2017. 33(2).
20. Harsh, Matthew, **Thomas Woodson**. (2017). Book Chapter: "Governing Nanotechnology in Africa: Moving from Regulation to Technology Assessment." *Harnessing Nanotechnology for Inclusive Sustainable Development in Africa*. Nairobi: African Centre for Technology Studies Press.
21. Bernstein, Michael, Matthew Harsh, **Thomas Woodson**, Jameson Wetmore, Rafael Castillo, Diran Soumonni and Susan Cozzens. (2016). "Preparing Engineers for the Challenges of Community Engagement." *European Journal of Engineering Education*. 42 (6). Pg 1154-1173.
22. **Woodson, Thomas**. (2016). "Public Private Partnerships and Emerging Technologies: A Look at Nanomedicine for Diseases of Poverty". *Research Policy*, 45 (7). Pg 1410-1418.
23. Monroe-White, Thema, **Thomas Woodson**. (2016). "Inequalities in Scholarly Knowledge: International Co-Authorship Patterns of African Factor Driven Economies." *African Journal of Science, Technology, Innovation, and Development*. 8 (2). Pg 178-186.
24. **Woodson, Thomas**, Duy Dot. (2015). "Nanotechnology Companies in the United States: A Web-based Content Analysis of Companies and Products for Poverty Alleviation". *Journal of Business Chemistry*. 12 (1).
25. **Woodson, Thomas**. (2015). "3D Printing for Sustainable Industrial Transformation." *Development*. 58 (4). Pg 571-576.
26. Cozzens, Susan, Rodrigo Cortes, Ogundiran Soumonni, **Thomas Woodson**. (2013). "Nanotechnology and the Millennium Development Goals: Water, Energy, Agri-food." *Journal of Nanoparticle Research*. October 2013.
27. Harsh, Matthew and **Thomas Woodson**. (2013). "Pro-Poor Nanotechnology Applications for Water: Characterizing and Contextualizing Private Sector Research and Development". *Nanotechnology Law and Business*. 9 (3).
28. Subramanian, Vrishali, **Thomas Woodson**, Susan Cozzens. (2012). Book Chapter: "Nanotechnology in India: Inferring Linking between Emerging Technologies and Development." *Making it to the Forefront of Nanotechnology- A Developing Country Perspective*. New York: Springer. Pg 109-124
29. **Woodson, Thomas**. (2012). "Inequality in Nanomedicine." *Journal of Business Chemistry*. 9 (3).
30. William, Logan, **Thomas Woodson**. (2012). "The Future of Innovation Studies: Investigating Innovation in Less Economically Developed Countries." *Minerva*. 50(2).
31. **Woodson, Thomas**, Eric Traore, Yezouma Coulibaly (2012). "Earth Air Heat Exchangers for Passive Air Conditioning." *Journal of Construction in Developing Countries*. 17 (1).

OTHER PUBLICATIONS

1. **Woodson, Thomas**, Sophia Boutilier. (2020). "Who Benefits from Science". *Issues in Science and Technology*. 38(1).
2. **Woodson, Thomas**. (2018). "Book Review: Weapons of Math Destruction". *Journal of Responsible Innovation*. 5(3).
3. **Woodson, Thomas** and Radhika Perrot. (2017). "State can cure skewed disease research". *BusinessDay*. 11 July 2017.

4. **Woodson, Thomas.** (2017). “Book Review: Managing Global Innovation- Framework for integrating capabilities around the world”. *African Journal of Science, Technology, Innovation and Development*. Issue 1.
5. **Woodson, Thomas.** (2016). “3D printing for Inclusive Innovation”. *The African Technopolitan*. May 2016.
6. **Woodson, Thomas.** (2016). “Book Review: Africa-Why Economists Get it Wrong.” *Science and Public Policy*. 43 (4). Pg 578-579.
7. **Woodson, Thomas.** (2014). “Book Review: Nanotechnology and Development-What’s in it for Emerging Countries”. *The Journal of Development Studies*. 50 (11).
8. **Woodson, Thomas.** (2014). “Technology Diffusion and Its Impact on Children”. *UNICEF-The State of the World’s Children 2014*. <http://sowc2015.unicef.org/stories/>.

SELECTED CONFERENCES PRESENTATIONS

1. **Woodson, Thomas.** (2022). “From Intent to Impact-The Decline of Broader Impacts throughout an NSF Project Life-Cycle”. Poster presented at *International Conference on Science, Technology and Innovation Indicators*. September 2022. Grenada, Spain.CA.
2. **Woodson, Thomas.** (2021). “Inclusive Innovation and Broader Impacts of R&D”. Presented at the *Diversity and Inclusion Research Conference*. November 2021. Virtual
3. **Woodson, Thomas, Sophia Boutlier** (2021). “Impacts for Whom? Assessing Inequalities in NSF-funded Broader Impacts Using the Immediacy Inclusion Criterion”. Presented at *Globelics*. November 2021. San Jose, Costa Rica.
4. **Woodson, Thomas.** (2020). “GRACES: Gender and Race in Academic Career Experience in STEM”. Presented at the *Diversity and Inclusion Research Conference*. November 2020. Virtual
5. **Woodson, Thomas, Elina Hoffmann** (2019). “Re-Evaluating the NSF Broader Impacts with the Inclusion-Immediacy Criterion: A Look at Nanotechnology Research”. Presented at *Association for Public Policy Analysis and Management (APPAM)*. November 2019. Denver, CO.
6. **Woodson, Thomas, Elina Hoffmann** (2019). “Re-Evaluating the NSF Broader Impacts with the Inclusion-Immediacy Criterion: A Look at Nanotechnology Research”. Presented at *Atlanta Conference on Science and Innovation Policy*. October 2019. Atlanta, GA.
7. **Woodson, Thomas.** (2018). “Training Engineers for Community Engagement” *Presented at SUNY-Industry Conference and Showcase: Science and Engineering for Social Good*. June 2018. Stony Brook, NY.
8. **Woodson, Thomas.** (2018). “Training Engineers for Community Engagement” *Presented at Science and Engineering for the Social Good Conference*. February 2018. Atlanta, GA
9. **Woodson, Thomas.** (2017). “So what do I do: Games and Curriculum for SENCER courses”. Presented at *SENCER Summer Institute*. August 2017. Stony Brook, New York.
10. **Woodson, Thomas.** (2017). “Inequality in Nanomedicine Research”. Presented at *Eastern Economic Association Conference*. February 2017. New York, New York.
11. **Woodson, Thomas.** (2016) “Inequality in Nanomedicine Research”. Presented at *Association for Public Policy and Management*. June 2016. London, England.
12. **Woodson, Thomas, Julia Torres-Alcantara.** (2015). “3D Printing for Inclusive Innovation in Brazil.” Presented at the *Society for Nanotechnology and Emerging Technologies* October 2015. Montreal, Canada.
13. **Woodson, Thomas, Jacky Xie.** (2015) “Are Nanomedicine Clinical Trials Address Diseases of Poverty.” Presented at the *Society for Nanotechnology and Emerging Technologies* October 2015. Montreal, Canada.
14. **Woodson, Thomas, Matthew Harsh, Susan Cozzens, Jameson Wetmore, Michael Bernstein, Rafael Castillo, and Diran Soumonni.** (2015). “Addressing the Community Engagement Gap in

- Engineering Education: A short course approach”. Presented at *The Atlanta Conference on Science and Innovation Policy* September 2015. Atlanta, GA.
15. **Woodson, Thomas.** (2015). Disease of Poverty Nanomedicine Research in South Africa.” Presented at the *Midwest Political Science Association* April 2015. Chicago, IL.
 16. **Woodson, Thomas, Julia Torres-Alcantara.** (2015). Responsible 3D Printing Innovation in Brazil.” Presented at *Responsible Innovation: A European Agenda* August 2015. The Hague, Netherlands.
 17. **Woodson, Thomas.** (2014). “Private Public Partnerships and Disease of Poverty Research”. Poster presented at *Democratizing Technologies*. November 2014. Santa Barbara, CA.
 18. **Woodson, Thomas.** (2014). “Private Public Partnerships and Disease of Poverty Research”. Presented at *GlobeLics*, October 2014. Addis Ababa, Ethiopia.
 19. **Woodson, Thomas, Thema Monroe-White.** (2013). “Inequalities in Scholarly Knowledge: International Co-Authorship Patterns of African Factor Driven Economies.” Presented at *The Atlanta Conference on Science and Innovation Policy* September 2013. Atlanta, GA.
 20. **Woodson, Thomas.** (2013). “Inequality and Public Private Partnerships in Nanomedicine.” Presented at *The Atlanta Conference on Science and Innovation Policy* September 2013. Atlanta, GA.
 21. **Woodson, Thomas, Susan Cozzens, Jameson Wetmore, Matthew Harsh, Diran Soumonni, Rodrigo Cortes.** (2012). “Assessing Equity and Equality in South Africa’s Nanotechnology Initiative”. Presented at *Society for the Social Studies of Science (4S) Meeting*, October 2012, Copenhagen, Denmark.
 22. **Woodson, Thomas, Matthew Harsh.** (2011). “Pro-Poor Nanotechnology Applications for Water: Characterizing Private Sector Research.” Presented at *Society for the Study of Nanoscience and Emerging Technologies (SNET) Meeting*, November 2011. Tempe, AZ.
 23. **Woodson, Thomas, Vrishali Subramanian.** (2011). “Nanotechnology in India: An examination of the Productivity and Equitable Nature of their Research Program.” Presented at *Society for the Study of Nanoscience and Emerging Technologies (SNET)*, November 2011, Tempe, AZ.
 24. **Soumonni, Diran, Susan Cozzens, Thomas Woodson, et al.** (2011). “Assessing Equity and Equality in South Africa’s Nanotechnology Initiative.” Presented at *Society for the Study of Nanoscience and Emerging Technologies (SNET) Meeting*, November 2011, Tempe, AZ.
 25. **Woodson, Thomas.** (2011). “The 10/90 Gap in Health Related Nanotechnology Research.” Presented at *The Atlanta Conference on Science and Innovation Policy* September 2011. Atlanta, GA.
 26. **Woodson, Thomas, Susan Cozzens.** (2011). “New Technologies, New Power Relationships?: The Case of Nanomedicine.” Presented at the *Conference on the Political Sociology of Science and Technology*. April 28-May 1, 2011. Rensselaer, New York.
 27. **Woodson, Thomas.** (2011). “Pro-Poor Nanotechnology: A Bibliometric Analysis of Water Nanotechnology.” Presented at *ST Global*, April 2011. Washington D.C.

INVITED LECTURES

1. **Woodson, Thomas.** (2023). “Measuring and Evaluating the Broader Impacts of Research”. 14th National Conference of the Chinese Society for Scientometrics and Informetrics (CSSI). June 2023.
2. **Woodson, Thomas.** (2023). “Broader Impacts of Science”. Tillvaxtanaly, Stockholm Sweden. March 2023.
3. **Woodson, Thomas.** (2022). “Broader Impacts of Science”. Business Finland. November 2022.
4. **Woodson, Thomas.** (2022). “Broader Impacts of Science Funding: USA and Finland”. Ministry of Finance-Finland. November 2022.

5. **Woodson, Thomas.** (2022). “Extraordinary Engineering and its Impacts on Society”. National Academy of Engineering. August 2022.
6. **Woodson, Thomas.** (2022). “Community Engagement in Science Policy”. Globelics Academy Finland. August 2022.
7. **Woodson, Thomas.** (2022). “Academic Career Panel”. Atlanta Academy on Science and Innovation Policy. March 2022.
8. **Woodson, Thomas.** (2022). “Inclusive Innovation for Global Development”. Presented at University of Kentucky, Patterson School of Diplomacy and International Commerce. March 2022.
9. **Woodson, Thomas.** (2021). “Can Emerging Technologies be Inclusive”. Presented at Massachusetts Institute of Technology. March 2021.
10. **Woodson, Thomas.** (2021). “Does science, technology and innovation benefit marginalized groups?”. University of Vaasa. March 2021.
11. **Woodson, Thomas.** (2021). “Inclusive Teaching: *Antiracist Pedagogy in Action*”. Presented at Stony Brook University. March 2021.
12. **Woodson, Thomas.** (2020). “Inclusive Innovation for Global Development”. Presented at University of Manchester. December 2020.
13. **Woodson, Thomas.** (2020). “Should Research have Societal Impact”. Presented at Stony Brook University Library STEM series. October 2020.
14. **Woodson, Thomas.** (2020). “The Science of Science Policy: Should Research have Societal Impact”. Presented at Stony Brook University School of Journalism. September 2020.
15. **Woodson, Thomas.** (2020). “Inclusive Innovation in Science Policy”. Presented at Massachusetts Institute of Technology. April 2020.
16. **Woodson, Thomas.** (2019). “Retention: Peer Groups are Key”. Presented at *NSF Research Traineeship at Northwestern University*, September 2019. Evanston, IL.
17. **Woodson, Thomas.** (2019). “SciSIP Early Career Panel”. Presented at *Atlanta Conference on Science and Innovation Policy*. October 2019. Atlanta, GA.
18. **Woodson, Thomas.** (2019). “Workshop: Policy Fundamentals”. Presented at *Minority Faculty Development Workshop at Harvard University*. September 2019. Cambridge, MA.
19. **Woodson, Thomas.** (2019). “Can emerging technologies be inclusive? The case of nanomedicine”. Presented at *Tokyo Institute of Technology*, May 2019. Tokyo, Japan.
20. **Woodson, Thomas.** (2019). “The Economic, Social and Political Consequences of Burn Pitts” Congressional Briefing. May 2019. Washington DC
21. **Woodson, Thomas.** (2019). “Can emerging technologies be inclusive?”. Presented at *University of Pittsburgh*, April 2019. Pittsburgh, PA.
22. **Woodson, Thomas.** (2019). “Can emerging technologies be inclusive?”. Presented at *Carnegie Mellon University*, April 2019. Pittsburgh, PA.
23. **Woodson, Thomas.** (2019). “My Journey: Faith, Thought and Action”. Presented at *Stony Brook University Intersvarsity Club*. Stony Brook, NY
24. **Woodson, Thomas.** (2019). “What is science policy and why should I care”. Presented at *Stony Brook University Institute for Advanced Computational Sciences*. Stony Brook, NY.
25. **Woodson, Thomas.** (2018). “There is not Policy without Science”. Presented at *Stony Brook University-STRIDE-Con*. Stony Brook, NY.
26. **Woodson, Thomas.** (2018). “Can Emerging Technologies be Inclusive”. Presented at *University of Minnesota Humphrey School of Public Affairs*. Minneapolis, MN
27. **Woodson, Thomas.** (2017). “Open Sciences & Biomedicine and the Acceleration of Research”. Presented at *Stony Brook University, Open Access Symposium*. October 2017, Stony Book, NY.

28. **Woodson, Thomas.** (2017). "Can Emerging Technologies Be Inclusive". Presented at *University of Washington, Evans School of Public Policy and Governance*. April 2017, Seattle, Washington.
29. **Woodson, Thomas.** (2016). "Nano Around the World". Presented at *College for Nanoscale Science and Engineering, University of Albany*, October 2016. Albany, New York
30. **Woodson, Thomas.** (2016). "Alumni Panel". Presented at *Advancing the Legacy of Anticipatory Governance*. May 2016, Tempe, Arizona.
31. **Woodson, Thomas.** (2016). "3D for Inclusive Innovation". Presented at *African Centre for Technology Studies*. March 2016, Nairobi, Kenya.
32. **Woodson, Thomas.** (2015). "Can New Technology End Poverty: A look at nanotechnology in South Africa". Presented at the *Department of Africana Studies, Stony Brook University*. October 2015. Stony Brook, New York.
33. **Woodson, Thomas.** (2015). "Nanotechnology and Inequality". Presented at *College for Nanoscale Science and Engineering, University of Albany*, October 2015. Albany, New York.
34. **Woodson, Thomas.** (2014). "Nanotechnology for the poor: A look at water, energy, food and health technologies". Presented at *College for Nanoscale Science and Engineering, University of Albany*, March 2014. Albany, New York.
35. **Woodson, Thomas.** (2014). "Nanotechnology for the poor: A look at water, energy, food and health technologies". Presented at *Oregon State University*, February 2014. Corvallis, Oregon.
36. **Woodson, Thomas.** (2013). "Emerging Nanotechnologies for the Poor: How nanomedicine and public-private partnerships are used to address diseases of poverty". Presented at *Universidade Federal do Parana*, June 2013. Parana, Brazil.
37. **Woodson, Thomas.** (2011). "Overview of Georgia Tech and How not to be an engineer". Presented at *University of Colorado, Boulder*, May 2011. Boulder, Colorado.

TEACHING EXPERIENCE

1. Communication for Scientists and Engineers (Undergraduate Level)
Stony Brook University, Spring 2021-present
2. Research Seminar, Madagascar Study Abroad (Undergraduate Level)
Stony Brook University, Winter 2020
3. Big Data Systems for Technology Management (Graduate Level)
Stony Brook University, Spring 2018-present
4. Senior Independent Project (Undergraduate Level)
Stony Brook University, Spring 2017-present
5. Heuristic and Quantitative Decision Making (Master's level)
Stony Brook University, Fall 2016-Spring 2019
6. Science Technology and Society (undergraduate level)
Stony Brook University, Summer 2015
7. Data Analysis (Master's/PhD level)
Stony Brook University, Spring 2015-present
8. Technology and Policy: Theory and Practice (PhD Level)
Stony Brook University, Fall 2015-present
9. Engineering Design (undergraduate level)
Stony Brook University, Summer 2015
10. Comparative Science and Technology Policy (PhD level)
Stony Brook University, Fall 2014
11. Government of the U.S. (Undergraduate level),
Georgia Institute of Technology, Spring 2014
12. Advance Research Methods (Master's level)

- Georgia Institute of Technology, Fall 2013
13. Evaluating Public Policy, 3 credit hour course, 19 students
Lecturer, Georgia State University, Summer 2013
 14. Introduction to Policy Analysis, 3 credit hour course, 45 students
Lecturer, Georgia State University, Spring 2012
 15. English Instructor- Ouagadougou, Burkina Faso, Spring 2009
 16. English Instructor-Cape Town, South Africa, 2007-2008

NON-DEPARTMENT SERVICE

The North America and Caribbean Network on Learning, Innovation, and Competence Building Systems (NACLICS)
Executive Committee, 2021-Present

Three Village Church, Setauket, NY
Boardmember, 2016-present

Science, Technology and Innovation Policy Research Network of the America's
Executive Committee, 2015-present

People's Education Initiative, Riker's Island, New York, NY
Volunteer teacher at women's correctional facility, 2014-2017

National Society for Black Engineers at Stony Brook Univ., Stony Brook, NY
Faculty advisor, 2014-present

Scientists for Policy, Advocacy, Diplomacy and Education (SPADE), Stony Brook, NY
Faculty advisor, 2015- 2017

Gordon Research Seminar on Science and Technology Policy, Waterville, NH
Seminar Chair (elected), 2012-2014
Seminar Co-Chair, 2011-2012

Georgia Institute of Technology, Atlanta, GA
Public Policy Graduate Student Association, 2009-2010

PROFESSIONAL SOCIETIES

- American Association for the Advancement of Science (AAAS), 2014-present
- Association for Public Policy Analysis & Management (APPAM), 2013-present
- National Society for Black Engineers, 2003-present
- Society for the Social Studies of Science, 2012-2014
- Globelics, 2012-present
- Black Graduate Student Association, 2009-2014
- Group for Research on Innovation for Inclusive Development (GRIID), 2009-present

AWARDS/HONORS

- Mid-Career Diversity Faculty Award, 2020
- TechMining for Global Good Award, 2019
- Fulbright Specialist, 2018-Present

- Tower Award, Georgia Institute of Technology, 2014
- Best Poster (Honorable Mention), Atlanta Conference on Science and Technology Policy, 2013
- NSF Graduate Research Fellowship, 2010-2013
- Globelics Academy Summer School Participant, 2013
- National Nanotechnology Infrastructure Network Winter School Scholarship, 2011
- Georgia Institute of Technology Presidential Fellowship, 2009
- International Institute for Water and Environmental Engineering Visiting Research Fellow, 2009
- Princeton Plasma Physics Lab Undergraduate Fellow, 2004