

CURRICULUM VITAE**EDUCATION**

2017 – PRESENT

GEORGIA INSTITUTE OF TECHNOLOGYDOCTORAL STUDENT, SCHOOL OF PUBLIC POLICY
GEORGIA TECH INSTITUTE FELLOW; GEORGIA TECH PRESIDENT'S FELLOW**RESEARCH INTERESTS:** GOVERNANCE AND SOCIAL IMPLICATIONS OF ARTIFICIAL INTELLIGENCE
FIELD: SCIENCE AND TECHNOLOGY POLICY; **MINOR:** QUANTITATIVE METHODS

2013

UNIVERSITY OF PENNSYLVANIA

MASTER OF SCIENCE IN SOCIAL POLICY, SCHOOL OF SOCIAL POLICY AND PRACTICE

2012

PRINCETON UNIVERSITYBACHELOR OF ARTS IN PHILOSOPHY; CERTIFICATE IN VALUES & PUBLIC LIFE
FOCUS: ARTIFICIAL INTELLIGENCE, ETHICS, AND ROBOTICS & INTELLIGENT SYSTEMS**INDEPENDENT WORK:** THE NECESSITY OF SENSORY PERCEPTION FOR MACHINE COGNITION
THESIS: THE ETHICS OF ARTIFICIAL INTELLIGENCE**PEER-REVIEWED JOURNAL ARTICLES**

- SCHIFF, D., BORENSTEIN, J., LAAS, K., & BIDDLE, J. (2021). AI ETHICS IN THE PUBLIC, PRIVATE, AND NGO SECTORS: A REVIEW OF A GLOBAL DOCUMENT COLLECTION. *IEEE TRANSACTIONS ON TECHNOLOGY AND SOCIETY*. [HTTPS://DOI.ORG/10.1109/TTS.2021.3052127](https://doi.org/10.1109/TTS.2021.3052127)
- SCHIFF, D., LOGEVALL, E., BORENSTEIN, J., NEWSTETTER, W., POTTS, C., & ZEGURA, E. (2020). LINKING PERSONAL AND PROFESSIONAL SOCIAL RESPONSIBILITY DEVELOPMENT TO MICROETHICS AND MACROETHICS: OBSERVATIONS FROM EARLY UNDERGRADUATE EDUCATION. *JOURNAL OF ENGINEERING EDUCATION*. [HTTPS://DOI.ORG/10.1002/JEE.20371](https://doi.org/10.1002/JEE.20371)
- SCHIFF, D. (2020). OUT OF THE LABORATORY AND INTO THE CLASSROOM: THE FUTURE OF AI IN EDUCATION. *AI & SOCIETY*. [HTTPS://DOI.ORG/10.1007/s00146-020-01033-8](https://doi.org/10.1007/s00146-020-01033-8)
- SCHIFF, D., HERZOG, L., FARLEY-RIPPLE, E., & IANNUCILLI, L. T. (2015). TEACHER NETWORKS IN PHILADELPHIA: LANDSCAPE, ENGAGEMENT, AND VALUE. *PENN GSE PERSPECTIVES ON URBAN EDUCATION*, 12(1), n1. [HTTPS://ERIC.ED.GOV/?ID=EJ1056676](https://eric.ed.gov/?id=EJ1056676)
- KANG, Z. T., WAGNER, B. K., PARRISH, J., SCHIFF, D., & SUMMERS, C. J. (2007). ENHANCEMENT OF WHITE LUMINESCENCE FROM SiNx FILMS BY SURFACE ROUGHENING. *NANOTECHNOLOGY*, 18(41), 415709. [HTTPS://DOI.ORG/10.1088/0957-4484/18/41/415709](https://doi.org/10.1088/0957-4484/18/41/415709)

PEER-REVIEWED CONFERENCE PAPERS

- SCHIFF, D., BOGDANA, R., AYESH, A., FANTA, A., & LENNON, M. (2020). PRINCIPLES TO PRACTICES FOR RESPONSIBLE AI: CLOSING THE GAP. *EUROPEAN CONFERENCE ON AI*. AVAILABLE AT [HTTP://ARXIV.ORG/ABS/2006.04707](http://arxiv.org/abs/2006.04707).
- SCHIFF, D., AYESH, A., MUSIKANSKI, L., & HAVENS, J. C. (2020). IEEE 7010: A NEW STANDARD FOR ASSESSING THE WELL-BEING IMPLICATIONS OF ARTIFICIAL INTELLIGENCE. *IEEE INTERNATIONAL SYSTEMS, MAN, AND CYBERNETICS CONFERENCE*. AVAILABLE AT [HTTPS://ARXIV.ORG/ABS/2005.06620](https://arxiv.org/abs/2005.06620)
- SCHIFF, D., BIDDLE, J., BORENSTEIN, J., AND LAAS, K. (2020). WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW. *PROCEEDINGS OF THE 2020 AAAI/ACM CONFERENCE ON AI, ETHICS, AND SOCIETY*. [HTTPS://DOI.ORG/10.1145/3375627.3375804](https://doi.org/10.1145/3375627.3375804)
- NARVILKAR, M., MANGIAMELI, J., GARCIA, A., ISMAIL, A., SCHIFF, D., SCHECHTER, D. CHEN, J., BHAT, K., WONG-VILLACRES, M., VASUDEVA, A., RAMESH, A., DYE, M., KARUSALA, N. SINGH, P., MURTHY, S., GUPTA, S. LAKSHMI, U. KUMAR, N. (2019). BRINGING SHADES OF FEMINISM TO HUMAN-CENTERED COMPUTING. *EXTENDED ABSTRACTS OF THE 2019 CHI CONFERENCE ON HUMAN FACTORS IN COMPUTING SYSTEMS*. [HTTPS://DOI.ORG/10.1145/3290607.3310419](https://doi.org/10.1145/3290607.3310419)
- SCHIFF, D., MURAHWI, Z., MUSIKANSKI, L., & HAVENS, J. C. (2019). A NEW PARADIGM FOR AUTONOMOUS AND INTELLIGENT SYSTEMS DEVELOPMENT: WHY WELL-BEING MEASUREMENT MATTERS. *ACM CHI CONFERENCE ON HUMAN FACTORS IN COMPUTING SYSTEMS*, WORKSHOP ON DIGITAL WELL-BEING, GLASSGOW, UK. AVAILABLE AT [HTTPS://DIGITALWELLBEINGWORKSHOP.FILES.WORDPRESS.COM/2019/04/02-WELLBEING MEASUREMENT SCHIFF MURAHWI MUSIKANSKI HAVENS.PDF](https://digitalwellbeingworkshop.files.wordpress.com/2019/04/02-wellbeing-measurement-schiff-murahwi-musikanski-havens.pdf)

OTHER PUBLICATIONS

- SCHIFF, D., LAAS, K., BIDDLE, J., & BORENSTEIN, J. (FORTHCOMING 2021). GLOBAL AI ETHICS DOCUMENTS: WHAT THEY REVEAL ABOUT MOTIVATIONS, PRACTICES, AND POLICIES. IN K. LAAS, M. DAVIS, & E. HILDT (EDS.), *CODES OF ETHICS AND ETHICAL GUIDELINES, EMERGING TECHNOLOGIES, CHANGING FIELDS*. SPRINGER.
- SCHIFF, D., BOGDANA, R., AYESH, A., FANTA, A., & LENNON, M. EXPLAINING THE PRINCIPLES TO PRACTICES GAP IN AI. (FORTHCOMING 2021). *IEEE TECHNOLOGY & SOCIETY MAGAZINE*.
- SCHIFF, D. & BORENSTEIN, J. (2019). HOW SHOULD CLINICIANS COMMUNICATE WITH PATIENTS ABOUT THE ROLES OF ARTIFICIALLY INTELLIGENT TEAM MEMBERS? *AMA JOURNAL OF ETHICS*, 21(2), N2.
[10.1001/AMAETHICS.2019.138](https://doi.org/10.1001/AMAETHICS.2019.138)

WORKING PAPERS

- SCHIFF, D., SCHIFF, K. J., & PIERSON, P. ASSESSING PUBLIC VALUE FAILURE IN GOVERNMENT USE OF AI. (REVISE AND RESUBMIT AT *PUBLIC ADMINISTRATION*). PRE-ANALYSIS PLAN AVAILABLE AT [HTTPS://OSF.IO/NEU3J](https://osf.io/NEU3J)
- GANZ, S. & SCHIFF, D. SUBCOALITION CLUSTER ANALYSIS: A NEW METHOD FOR MEASURING POLITICAL CONFLICT IN ORGANIZATIONS. (REVISE AND RESUBMIT AT *MANAGEMENT SCIENCE*). WORKING PAPER AVAILABLE AT [HTTPS://OSF.IO/PREPRINTS/SOCARXIV/5KUFG/](https://osf.io/preprints/socarxiv/5kufg/)
- SCHIFF, D. EDUCATION FOR AI, NOT AI FOR EDUCATION: AI, EDUCATION, AND ETHICS IN NATIONAL AI POLICY STRATEGIES. (REVISE AND RESUBMIT FOR THE *INTERNATIONAL JOURNAL OF AI IN EDUCATION*).
- SCHIFF, K. J., SCHIFF, D., & BUENO, N. S. THE LIAR'S DIVIDEND: THE IMPACT OF DEEPPAKES AND FAKE NEWS ON POLITICIAN ACCOUNTABILITY AND TRUST IN MEDIA. (WORKING PAPER). PRE-ANALYSIS PLAN AVAILABLE AT [HTTPS://OSF.IO/QPXR8](https://osf.io/QPXR8)
- NAZARENO, L. & SCHIFF, D. THE IMPACT OF AUTOMATION AND ARTIFICIAL INTELLIGENCE ON WORKER WELL-BEING. (WORKING PAPER).
- SCHIFF, D., LEE, J., BORENSTEIN, J., & ZEGURA, E. THE IMPACT OF COMMUNITY ENGAGEMENT ON UNDERGRADUATES' SOCIAL RESPONSIBILITY ATTITUDES. (WORKING PAPER).

SELECTED CONFERENCE PRESENTATIONS

- SCHIFF, D. (2021, JANUARY 22). THE LIAR'S DIVIDEND: HOW MISINFORMATION ABOUT MISINFORMATION AFFECTS POLITICIAN SUPPORT AND TRUST IN MEDIA. *IVAN ALLEN CONFERENCE*, GEORGIA INSTITUTE OF TECHNOLOGY.
- SCHIFF, D., SCHIFF, K. J., & BUENO, N. S. (2020, NOVEMBER 12). THE LIAR'S DIVIDEND: HOW MISINFORMATION ABOUT MISINFORMATION AFFECTS POLITICIAN SUPPORT AND TRUST IN MEDIA. *FALL RESEARCH CONFERENCE OF THE ASSOCIATION FOR POLICY ANALYSIS AND MANAGEMENT*.
- SCHIFF, D. (2020, OCTOBER 13). IEEE 7010: A NEW STANDARD FOR ASSESSING THE WELL-BEING IMPLICATIONS OF ARTIFICIAL INTELLIGENCE. *IEEE INTERNATIONAL SYSTEMS, MAN, AND CYBERNETICS CONFERENCE*.
- SCHIFF, D., BOGDANA, R., AYESH, A., FANTA, A., & LENNON, M. (2020, SEPTEMBER 7). PRINCIPLES TO PRACTICES FOR RESPONSIBLE AI: CLOSING THE GAP. *EUROPEAN CONFERENCE ON AI, WORKSHOP ON AI FOR EQUITY*.
- SCHIFF, D., SCHIFF, K. J., & PIERSON, P. (2020, JUNE 11). HOW ISSUES OF BIAS, TRANSPARENCY, AND AGENCY AFFECT CITIZEN SUPPORT FOR AI IN GOVERNMENT SERVICES. *CONFERENCE OF THE AMERICAN ASSOCIATION FOR PUBLIC OPINION RESEARCH*.
- SCHIFF, K. J. & SCHIFF, D. (2020, JUNE 11). THE LIAR'S DIVIDEND: THE IMPACT OF DEEPPAKES AND FAKE NEWS ON POLITICIAN SUPPORT AND TRUST IN MEDIA. *HARVARD EXPERIMENTAL POLITICAL SCIENCE CONFERENCE*.
- SCHIFF, D., BIDDLE, J., BORENSTEIN, J., AND LAAS, K. (2020, FEBRUARY 9). WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW. *AAAI/ACM CONFERENCE ON AI, ETHICS, AND SOCIETY*, NY, NY.
- SCHIFF, D., SCHIFF, K. J., & PIERSON, P. (2020, JANUARY 9). HOW ISSUES OF BIAS, TRANSPARENCY, AND AGENCY AFFECT CITIZEN SUPPORT FOR AI IN GOVERNMENT SERVICES. *CONFERENCE OF THE SOUTHERN POLITICAL SCIENCE ASSOCIATION*, SAN JUAN, PR.
- SCHIFF, D. & JOYNER, D. (2019, OCTOBER 4). DESIGNING TECHNOLOGY FOR ONLINE ADULT EDUCATION. PANEL SESSION AT *AMERICAN PSYCHOLOGICAL ASSOCIATION, TECHNOLOGY, MIND, & SOCIETY CONFERENCE*, WASHINGTON, D.C.
- SCHIFF, D. (2019, JANUARY 25). OUT OF THE LABORATORY AND INTO THE CLASSROOM: THE FUTURE OF ARTIFICIAL INTELLIGENCE IN EDUCATION. *IVAN ALLEN CONFERENCE*, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.

- SCHIFF, D., HERZOG, L., & FARLEY-RIPPLE, E. (2015, APRIL 19). TEACHER NETWORKS IN PHILADELPHIA: LANDSCAPE, ENGAGEMENT, AND VALUE. PRESENTATION AT ROUNDTABLE OF THE *MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION*, CHICAGO, IL
- HERZOG, L., FARLEY-RIPPLE, E., THUM, L., & SCHIFF, D. (2013, OCTOBER 4). TEACHER NETWORKS IN PHILADELPHIA. *PENNSYLVANIA EDUCATION RESEARCH ASSOCIATION CONFERENCE*, PHILADELPHIA, PA.

SELECTED POSTER PRESENTATIONS

- SCHIFF, D., LAAS, K., BORENSTEIN, J., AND BIDDLE, J. (2020, JANUARY 27). WHAT'S NEXT FOR AI ETHICS, POLICY, AND GOVERNANCE? A GLOBAL OVERVIEW. POSTER SESSION PRESENTED AT *CRIDC CONFERENCE*, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
- SCHIFF, D. & NAZARENO, L. (2019, NOVEMBER 7). HOW AUTOMATION AND AI AFFECT WORKER WELL-BEING: LOOKING BEYOND DISPLACEMENT AND WAGES. POSTER SESSION PRESENTED AT THE *FALL RESEARCH CONFERENCE OF THE ASSOCIATION FOR POLICY ANALYSIS AND MANAGEMENT*, DENVER, CO.
- SCHIFF, D. & NAZARENO, L. (2019, OCTOBER 14). BEYOND LABOR DISPLACEMENT: THE IMPACT OF AUTOMATION AND AI ON WORKER WELL-BEING. POSTER SESSION PRESENTED AT *ATLANTA CONFERENCE ON SCIENCE AND TECHNOLOGY POLICY*, ATLANTA, GA.
- GANZ, S. & SCHIFF, D. (2018, OCTOBER 26). IDENTIFYING POLITICAL COALITIONS IN THE BASEBALL WRITERS ASSOCIATION: AN AGONY-BASED APPROACH. POSTER SESSION PRESENTED AT *CRIDC CONFERENCE*, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA.
- HERZOG, L. & SCHIFF, D. (2014, APRIL 8). TEACHER NETWORKS IN PHILADELPHIA: THE CURRENT LANDSCAPE. POSTER SESSION PRESENTED AT THE *MID-ATLANTIC REGIONAL EDUCATIONAL LABORATORY RESEARCH, POLICY AND PRACTICE CONFERENCE*, PHILADELPHIA, PA.
- SCHLESINGER, K., SCHIFF, D., & ROBERTSON-KRAFT, C. (2014, APRIL 6). DESIGN AND IMPLEMENTATION OF A STUDENT GROWTH OBJECTIVE SYSTEM FOR EDUCATORS IN NON-CORE SUBJECTS. POSTER SESSION PRESENTED AT THE *MEETING OF THE AMERICAN EDUCATIONAL RESEARCH ASSOCIATION*, PHILADELPHIA, PA.

PROFESSIONAL AFFILIATIONS

MEMBERSHIPS:

ASSOCIATION FOR THE ADVANCEMENT OF ARTIFICIAL INTELLIGENCE
 ASSOCIATION FOR PRACTICAL AND PROFESSIONAL ETHICS
 ASSOCIATION FOR PUBLIC POLICY ANALYSIS AND MANAGEMENT
 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 INTERNATIONAL ARTIFICIAL INTELLIGENCE IN EDUCATION SOCIETY

OTHER AFFILIATIONS:

PHD STUDENT AFFILIATE, CENTER FOR ETHICS AND TECHNOLOGY

ACADEMIC AND PROFESSIONAL SERVICE

REVIEWER:

AMERICAN MEDICAL ASSOCIATION JOURNAL OF ETHICS (2020)
 INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE IN EDUCATION (2020)
 INTERNATIONAL JOURNAL OF COMMUNITY WELL-BEING (2020)
 JOURNAL OF BUSINESS ETHICS (2021)
 JOURNAL OF PUBLIC ADMINISTRATION RESEARCH AND THEORY (2020)
 PUBLIC ADMINISTRATION REVIEW (2020, 2021)

ADDITIONAL SERVICE ACTIVITIES:

2020 – ONGOING	STUDENT IRB MEMBER, GEORGIA INSTITUTE OF TECHNOLOGY CENTRAL IRB
2016 – ONGOING	YOUNG PROFESSIONALS COUNCIL, FIELD CENTER FOR CHILDREN'S POLICY, PRACTICE & RESEARCH, UNIVERSITY OF PENNSYLVANIA
2018 – 2020	SECRETARY, IEEE 7010-2020: RECOMMENDED PRACTICE FOR ASSESSING THE IMPACT OF AUTONOMOUS AND INTELLIGENT SYSTEMS ON HUMAN WELL-BEING
2020	CO-CHAIR, SPECIAL SESSION ON HUMAN WELL-BEING IN THE CONTEXT OF AUTONOMOUS AND INTELLIGENT SYSTEMS, <i>IEEE INTERNATIONAL SYSTEMS, MAN, & CYBERNETICS CONFERENCE</i>
2018 – 2019	MEMBER, IEEE GLOBAL INITIATIVE ON ETHICS OF AUTONOMOUS AND INTELLIGENT SYSTEMS POLICY AND WELL-BEING COMMITTEE MEMBER FOR ETHICALLY ALIGNED DESIGNED
2018 – 2019	CO-CHAIR, ALUMNI ASSOCIATION, UNIV. OF PENNSYLVANIA M.S. IN SOCIAL POLICY

AWARDS AND HONORS

GEORGIA INSTITUTE OF TECHNOLOGY [INSTITUTE FELLOWSHIP](#), 2017-21 (\$10,000)
GEORGIA INSTITUTE OF TECHNOLOGY [PRESIDENT'S FELLOWSHIP](#), 2017-21 (\$20,000)
IVAN ALLEN LIBERAL ARTS [GRADUATE ESSAY COMPETITION](#), WINNER, 2021 (\$1500); RUNNER-UP, 2019 (\$1000)
JAMES D. FOLEY GVU GRADUATE STUDENT AWARD, [FOLEY SCHOLARS FINALIST](#), 2020
CRIDC GRADUATE STUDENT CONFERENCE GRADUATE POSTER COMPETITION, [PROVOST'S AWARD](#), 2020 (\$2000)
ENTERPRISE INNOVATION INSTITUTE, [SCIENCE TECHNOLOGY AND INNOVATION POLICY AWARD](#), 2019 (\$6000)
PRINCETON UNIVERSITY CENTER FOR HUMAN VALUES SUMMER RESEARCH GRANT, 2011 (\$700)

TEACHING EXPERIENCE

2020 CS 4001: COMPUTING & SOCIETY, INSTRUCTOR OF RECORD ([SYLLABUS](#))
COLLEGE OF COMPUTING, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA

2020 ["TECH TO TEACHING" CERTIFICATE](#), TEACHING PROGRAM FOR FUTURE FACULTY
GEORGIA INSTITUTE OF TECHNOLOGY CENTER FOR TEACHING AND LEARNING

2017 PUBP 3120: STATISTICAL ANALYSIS FOR PUBLIC POLICY, TEACHING ASSISTANT
SCHOOL OF PUBLIC POLICY, GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA

2014 GAFL 703: STATISTICS FOR PUBLIC LEADERSHIP, TEACHING ASSISTANT
FELS INSTITUTE OF GOVERNMENT, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA

SELECTED WORK EXPERIENCE

2018 – ONGOING **SOCIAL RESPONSIBILITY OF STEM STUDENTS**, GEORGIA INSTITUTE OF TECHNOLOGY
RESEARCH ASSISTANT FOR PI DR. COLIN POTTS FOR **NSF CCE STEM GRANT**
PERFORM MIXED-METHODS RESEARCH ASSESSING DEVELOPMENT OF SOCIAL RESPONSIBILITY IN COLLEGE STUDENTS FOR NSF CULTIVATING COMMUNITIES FOR ETHICAL STEM GRANT WITH PIS COLIN POTTS, ELLEN ZEGURA, JASON BORENSTEIN, AND WENDY NEWSTETTER.

2018 **ETHICALLY CONTENTIOUS SCIENCE**, GEORGIA INSTITUTE OF TECHNOLOGY
RESEARCH ASSISTANT FOR PI DR. AARON LEVINE FOR **NSF CAREER GRANT**
PERFORMED RESEARCH ON THE IMPACTS OF GRADUATE STUDENT PARTICIPATION IN ETHICALLY CONTENTIOUS FIELDS AND PRODUCED EDUCATIONAL MODULES

2013 – 2017 **PHILADELPHIA EDUCATION FUND**, PHILADELPHIA, PA
DIRECTOR OF RESEARCH, EVALUATION, AND PLANNING (2015 – 2017)
RESEARCH ANALYST/DATA MANAGER (2013 – 2015)
OVERSAW POLICY STRATEGY, PROGRAM EVALUATION, AND ACADEMIC RESEARCH AS LEADERSHIP TEAM MEMBER AND DIVISION HEAD; SECURED LOCAL AND FEDERAL GRANTS; DEVELOPED PROGRAM PLANNING AND EVALUATION TOOLS FOR DROPOUT PREVENTION, POSTSECONDARY SUCCESS, STEM EDUCATION, AND TEACHER PREPARATION PROGRAMS

ADDITIONAL COURSEWORK

2015, 2019 **UNIVERSITY OF MICHIGAN**: ONLINE COURSES IN PYTHON DATABASES AND DATA STRUCTURES
2017 **JOHNS HOPKINS UNIVERSITY**: ONLINE COURSE IN R PROGRAMMING
2010 **GEORGETOWN UNIVERSITY**: INTERNATIONAL RELATIONS AND PUBLIC DIPLOMACY PROGRAM