

The Impact of Technology on Equity and Inclusion in a COVID World: Challenges for Education and Employment

Editor

Andrea Adams



3RD ANNUAL FACULTY SENATE RESEARCH CONFERENCE



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University of the District of Columbia

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Andrea Adams
(Editor)

*The Impact of Technology on Equity and Inclusion
in a COVID World: Challenges for Education and
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The Impact of Technology on Equity and Inclusion in a COVID World: Challenges for Education and Employment

Volume Editor

Andrea Adams, Ph.D., J.D., M.B.A.
Assistant Professor,
University of the District of Columbia

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UNIVERSITY OF THE
DISTRICT OF COLUMBIA
FACULTY SENATE

3rd Annual Virtual
Faculty Senate Research Conference

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3rd Annual Virtual
Faculty Senate Research Conference

Foreword

The 3rd Annual Conference brings together community leaders, industry professionals, faculty, and university administrators to discuss issues important to the University of the District of Columbia and its many community, national and international stakeholders. Participants use the Conference Theme to consider how the explosion of technological tools impacts the academy. The keynotes provided examples of how these issues are addressed in the community, while industry professionals discussed how faculty/industry partnerships address equity and educational issues. Conference presenters, describe how new methods impact teaching, scholarship, and service. Many of the submissions articulate the continuing impact of COVID-19, especially as it relates to equity and inclusion, and documents how scholars are incorporating these pressures in ways that benefit the academy.

These proceedings capture articles composed by the University of the District of Columbia Faculty to address the conference themes. Each research article presents innovative thought, methodology, and practice designed to produce positive impacts on students and the larger District of Columbia community. These articles address the incorporation of technology to address both equity and inclusion, critical to equipping students as future leaders and innovators. This conference represents a joint effort by industry and the whole UDC Firebird Community administrators, faculty, staff, and students. The University of the District of Columbia Faculty continues to meet the challenges faced by students with unmatched dedication and cutting-edge scholarship.

About the Conference

The 3rd Annual Faculty Senate's Research Conference is planned for Friday, February 11, 2022, from 9:00 am- 4: 30 pm. The conference theme is "The Impact of Technology on Equity and Inclusion: Challenges for Education and Employment." We would like to invite you to this conference and to give greetings to the faculty and guests. Dr. Kofi Davis, Provost of the University of the Cape Coast (Ghana, South Africa) will also bring greetings from his university.

One highlight of the occasion is the presentation of the Inaugural Faculty Senate Chair award to Reverend Dr. Michele V. Hagans. Reverend Dr. Hagans earned four degrees from Howard University: B.S.1973, an MS in Engineering; a Master of Divinity; and a Doctor of Ministry in 2013. Additionally, she earned an MBA from George Washington University. Ms. Hagans is a Certified Property Manager and licensed real estate broker in the District of Columbia and the State of Maryland. Reverend Dr. Michele V. Hagans is a retired Episcopal priest and serves as Canon Emeritus of the Diocese of Washington. Ms. Hagans serves on multiple boards: HEROES, Inc.; Delta Sigma Theta Sorority, Inc.; the Federal City Council; and she currently serves as the President of the District of Columbia Building Industry Association. DC. Reverend Dr. Hagans also served on the UDC Board of Trustees from 1991-1999 and as Chair from 1993-1999.

There will be two keynote addresses. The first keynote address from Ms. Elsa Marie D'Silva is the founder and chief executive officer of the Red Dot Foundation, a Mumbai-based and United States-based non-profit organization that launched Safecity, a smartphone crowdsourcing app that tracks and analyzes reports of sexual violence in public spaces and is the largest crowd map of sexual assault in the world. Ms. D'Silva is a 2020 and 2019 Gratitude Network Fellow & 2019 International Women's Forum Fellow, 2019 Reagan-Fascell Democracy Fellow, and a 2017 Yale World Fellow.

The second keynote address will be from Mr. Christopher Bradshaw, a Black, justice-oriented, social entrepreneur whose expertise is using social innovation through the food system to grow meaningful community economic development within marginalized communities. Since founding Dreaming Out Loud, Inc. his work impacted farmers, food-makers, and community members, including Ward's 7 and 8 in the District of Columbia. Christopher is also the recipient of Georgetown University's John Thompson Legacy of a Dream Award for 2021, one of Eating Well Magazine's 2021 American Food Heroes, and selected to the Root 100 list of most influential Black Americans.

Darryl Haley, former NFL football player, and social media influencer will moderate two of the four panels. The first is an Education-related panel that includes presentations from Margo Hall, MVH Limited, Tazin Daniels, the University of Michigan, Anthony Mazza, University of the District of Columbia. The second is an Employment-related panel that includes presentations from Susanne French, AT&T, Susan Mazru, Google, and Jaime Paris Boisvert, Johnson Controls.

The remaining panels showcase UDC faculty. Faculty presenters include Drs Lisa Ehrhardt, Nathalie Mizelle, Arlene King Berry, Pier Broadnax, Susan Abed, Tih Tan, Botao Chin, Carolene Charles, Benson Cooke, Jasmine Yarish, Angelyn Flowers, Rosie Sneed, William Hanff and Whitney Harris, Lily Liang, Jillian Wendt, Andrea Adams, and Christopher Anglim.

About the Editor

Andrea Adams, Ph.D., J.D., M.B.A. serves as the principal editor of the conference proceedings. Ms. Adams has served as an editor for an upcoming publication by Anthem Press and has been trained through Elsevier Publications editor training. Her recent publications are in the areas of ethics, data privacy, gender-based violence, and emergency management.

Messages from the Institution

President Ronald Mason, Jr. stated “The University of the District of Columbia Faculty Senate Research Conference is a hallmark of the academic year. The depth, breadth, and reach of our faculty are displayed through their basic and translational research presentations and the participation of their colleagues from across the nation and the globe. As an HBCU that is the only public institution of higher learning in the nation's capital, and the only exclusively land grant university in the nation, the ever-stronger voice of our faculty will play an important role in enabling the idea that we call the United States of America be a success.”

Chief Academic Officer, Lawrence T. Potter Jr., stated “Technology has played a vital role in improving education during the COVID-19 pandemic. Higher education institutions have adopted electronic learning to enhance student performance through various software tools. Amid COVID-19, the University of the District of Columbia faculty have been masterful in motivating each other and UDC students to come up with technological innovations that address COVID-19 and other challenges. The UDC Faculty Senate Research Conference was a structured forum to showcase the practices, pedagogies, and challenges faculty and professionals faced together and a broad discussion to explore solutions”.

Programme Schedule

WELCOME: ANDREA ADAMS, CONFERENCE CHAIR
ARLENE KING BERRY, CHAIR, FACULTY SENATE
DARYL HALEY, MODERATOR

GREETINGS: AMBASSADOR ANTIONE,
CHIEF ACADEMIC OFFICER, LAWRENCE POTTER JR.
CHRISTOPHER BELL, CHAIRMAN OF THE BOARD OF TRUSTEES
RONALD MASON, UNIVERSITY PRESIDENT

KEYNOTE #1: ELSA MARIE D'SILVA

INDUSTRY PANEL: EQUITY AND INCLUSION IN EDUCATION:
MARGO HALL, MVH LIMITED, TAZIN DANIELS, UNIVERSITY OF MICHIGAN,
ANTHONY MAZZA, UNIVERSITY OF THE DISTRICT OF COLUMBIA

CHAIR'S AWARD PRESENTATION: MICHELLE HAGANS

POSTER PRESENTATION – PHRONIE JACKSON

KEYNOTE #2: CHRISTOPHER BRADSHAW

INDUSTRY PANEL: EQUITY AND INCLUSION IN EMPLOYMENT:
SUSANNE FRENCH, AT&T, SUSAN MAZRUI, GOOGLE, JAIME PARI BOISVERT,
JOHNSON CONTROLS

FACULTY PANEL: HEALTH RELATED PRESENTATIONS - Drs Lisa Ehrhardt and Nathalie Mizelle, Arlene King Berry and Pier Broadnax, Susan Abed, Tih Tan, and Botao Chin, Carolene Charles, Benson Cooke, and Jasmine Yarish.

FACULTY PANEL: WORKPLACE RELATED - Drs Angelyn Flowers, Rosie Sneed, William Hanff and Whitney Harris, Lily Liang, Jillian Wendt, Andrea Adams, and Christopher Anglim.

CLOSING REMARKS: ARLENE KING BERRY & ANDREA ADAMS

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- Lawrence T. Potter, Jr.
- Rodney Trapp
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- Anthony Mazza
- Jay Morrow
- Denise Slaughter
- Andrea Adams

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