



Explore Collaboration Opportunities

November 3, 2022

 COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

BARNARD

TEACHERS COLLEGE
COLUMBIA UNIVERSITY

JEANNETTE WING

Columbia University Executive Vice President for Research

DENNIS MITCHELL

Columbia University Senior Vice Provost for Faculty Advancement

THOMAS BAILEY

Teachers College, Columbia University President

LINDA BELL

Barnard College Provost

We are pleased to invite you to the first TCUB Connects event, inspired to create new opportunities for collaboration and community building within the faculty of Columbia University, Barnard College, and Teachers College, Columbia University.

The event will highlight Teachers College, Columbia University's research expertise in the areas of education, health, and psychology, and Barnard's research expertise; showcase successful collaborations across all three campuses, and provide networking opportunities for both early career and senior faculty alike.

The poster session features several examples of existing programs that offer collaborative potential.

EXPLORE COLLABORATION OPPORTUNITIES FOR FACULTY RESEARCH

COLUMBIA UNIVERSITY | BARNARD COLLEGE | TEACHERS COLLEGE, COLUMBIA UNIVERSITY

LOW LIBRARY | Thursday | November 3, 2022

3:00–3:15 *REGISTRATION* | Low Library Rotunda

3:15–3:30 *INTRODUCTORY REMARKS* | Low Library Faculty Room

CAROL SCHEFFNER HAMMER, PH.D., Vice Dean for Research, Teachers College, Columbia University

JEANNETTE WING, PH.D., Executive Vice President for Research, Columbia University

THOMAS BAILEY, PH.D., President, Teachers College, Columbia University

LINDA BELL, PH.D., Provost, Barnard College

3:30–4:15 *LIGHTNING TALKS*

▶ **IF PEACE COULD TALK: A DATA SCIENCE STUDY ON LINGUISTIC DIFFERENCES IN NEWS REPORTING FROM HIGH VS. LOW PEACE SOCIETIES**

PETER COLEMAN, PH.D., Professor of Psychology and Education, Department of Organization and Leadership, Director of the International Center for Cooperation and Conflict Resolution, Teachers College, Columbia University and Co-Director of the Advanced Consortium for Cooperation, Conflict, and Complexity (AC4), The Earth Institute, Columbia University

▶ **DATA ANALYTICS IN EDUCATION—THE 4A'S: ACCURATE, ACCESSIBLE, ACTIONABLE, ACCOUNTABLE**

ALEX BOWERS, PH.D., Professor of Education Leadership, Urban Education Leaders Program, Department of Organization and Leadership, Teachers College, Columbia University and Faculty Affiliate, Data Science Institute, Columbia University

▶ **MAKE WITH DATA: EXPLORING STEM IMPACT AND ENGAGEMENT IN STUDENT-LED AND PURPOSE-DRIVEN PROJECTS**

NATHAN HOLBERT, PH.D., Associate Professor, Communication, Media and Learning Technology Design, Department of Mathematics, Science and Technology, Teachers College, Columbia University

▶ **RACIAL LITERACY DEVELOPMENT AND TEACHER EDUCATION**

YOLANDA SEALEY-RUIZ, PH.D., Associate Professor, English Education, Department of Arts and Humanities, Teachers College, Columbia University

▶ **UNDERSTANDING DIVERSITY DYNAMICS IN ORGANIZATIONS: IDENTIFYING BARRIERS CAUSED BY STEREOTYPES AND STRATEGIES FOR DISRUPTING THEM**

CARYN BLOCK, PH.D., Professor of Psychology and Education, Department of Organization and Leadership, Teachers College, Columbia University

▶ **ADDRESSING RACIAL DISPARITIES IN ENGAGEMENT OF ETHNIC MINORITIES WITH PARKINSON’S DISEASE SPECIALISTS IN THE WASHINGTON HEIGHTS/INWOOD AND HARLEM NEIGHBORHOODS IN NYC**

LORI QUINN, PH.D., Professor of Movement Science and Kinesiology and Chair of the Department of Biobehavioral Sciences, Teachers College, Columbia University and Adjunct Associate Professor of Rehabilitation and Regenerative Medicine, Columbia University Irving Medical Center

▶ **AN INTERDISCIPLINARY APPROACH TO PREVENTING GUN VIOLENCE IN K-12 SCHOOLS**

SONALI RAJAN, ED.D., Associate Professor of Health Education, Department of Health and Behavior Studies, Teachers College, Columbia University and Adjunct Associate Professor, Department of Epidemiology, Mailman School of Public Health

Remarks will be delivered by Dr. Lalitha Vasudevan, Vice Dean for Digital Innovation and Managing Director of the Digital Futures Institute, on behalf of Sonali Rajan.

▶ **SANCTUARY SCHOOL, SANCTUARY CITY: PROTECTION AND EMPOWERMENT OF IMMIGRANT YOUTH**

CHANDLER PATTON MIRANDA, PH.D., Term Assistant Professor, Departments of Urban Studies and Education, Barnard College

▶ **EXPLORING NEUROSCIENCE AND BEHAVIOR**

ALEX WHITE, PH.D., Assistant Professor of Neuroscience, Department of Neuroscience and Behavior and founder of the Barnard Vision Lab, Barnard College

4:15–4:20 *CLOSING REMARKS*

4:20–6:00 *POSTER SESSION AND NETWORKING RECEPTION* | Low Library Rotunda

▶ **PROMOTING POSITIVE SCHOOL CLIMATE AMONG NEWCOMER IMMIGRANT ADOLESCENTS**

PRERNA ARORA, PH.D., Associate Professor of Psychology and Education, Department of Health and Behavioral Studies, Teachers College, Columbia University

KARISSA LIM, M.A., 4th year Ph.D. student in the School Psychology, Teachers College, Columbia University

▶ **TRANSLATING KNOWLEDGE INTO PRACTICE TO IMPROVE CHILDREN’S ORAL HEALTH: PERSPECTIVES FROM AMERICA’S PEDIATRIC DENTISTS (A PRELIMINARY SNAPSHOT)**

CHUCK BASCH, PH.D., Richard March Hoe Professor of Health and Education, Department of Health and Behavior studies, Teachers College, Columbia University

RANDI WOLF, PH.D., Associate Professor of Human Nutrition on the Ella McColum Vahlteich Endowment, Department of Health and Behavior Studies and Director of the Program in Nutrition, Teachers College, Columbia University

▶ **DEVELOPING CUTTING-EDGE LEARNING TECHNOLOGIES IN COLLABORATION WITH ENGINEERS AND COMPUTER SCIENTISTS**

PAULO BLIKSTEIN, PH.D., Associate Professor of Communications, Media, and Learning Technologies Design, Department of Mathematics, Science, and Technology, Teachers College, Columbia University

▶ **STUDYING AMERICA’S ENGINES OF EQUITY AND SOCIAL MOBILITY**

TOM BROCK, PH.D., Director of the Community College Research Center, Department of Education Policy and Social Analysis and Department of Organization and Leadership, Teachers College, Columbia University and the Community College Research Center, Teachers College, Columbia University

▶ **BLACK EDUCATION RESEARCH CENTER**

SONYA DOUGLASS, PH.D., Professor of Education Leadership, Department of Organization and Leadership, Teachers College, Columbia University and Founding Director of the Black Education Research Center (BERC)

ALEX LOWE, M.A., Project Coordinator of BERC

▶ **PROMOTING THE MENTAL HEALTH OF MINORITY AND IMMIGRANT YOUTH AND FAMILIES**

CINDY HUANG, PH.D., Assistant Professor of Counseling Psychology, Department of Counseling and Clinical Psychology, Teachers College, Columbia University

▶ **TRANSFORMING PUBLIC EDUCATION: A GREEN NEW DEAL FOR K-12 PUBLIC SCHOOLS**

ERIKA KITZMILLER, PH.D., Term Assistant Professor, Department of Education, Barnard College

▶ **FOOD AND NUTRITION EDUCATION FOR NYC SCHOOL STUDENTS FOR A SUSTAINABLE, HEALTHY, AND JUST FUTURE**

PAMELA KOCH, PH.D., Mary Swartz Rose Associate Professor of Nutrition and Education, Department of Health and Behavior Studies and Executive Director of the Laurie M. Tisch Center for Food, Teachers College, Columbia University

▶ **AFFORDANCES OF A LINGUISTIC LANDSCAPES FRAMEWORK FOR SECOND LANGUAGE CLASSES**

MARIA EUGENIA LOZANO, PH.D., Lecturer in Spanish and Latin American Cultures, Department of Spanish, Barnard College

▶ **BABY’S FIRST YEARS: A CLINICAL TRIAL OF POVERTY REDUCTION**

KIMBERLY NOBLE, M.D., PH.D., Professor of Neuroscience and Education, Departments of Biobehavioral Sciences and Human Development, Teachers College, Columbia University

SONYA TROLLER-RENFREE, PH.D., Postdoctoral Research Fellow, Teachers College, Columbia University

▶ **L.E.A.P. (Learning the Earth with Artificial Intelligence and Physics)**

PAULO BLIKSTEIN, PH.D., Associate Professor of Communications, Media, and Learning Technologies Design, Department of Mathematics, Science, and Technology, Teachers College, Columbia University

CHARLES LANG, PH.D., Senior Executive Director of the Digital Futures Institute and Coterminal Professor, Department of Human Development, Teachers College, Columbia University

OREN PIZMONY-LEVY, PH.D., Associate Professor of International and Comparative Education, Department of International and Transcultural Studies and Director of the Center for Sustainable Futures, Teachers College, Columbia University

▶ **EDUCATION, CONFLICT, AND PEACEBUILDING**

GARNETT RUSSELL, PH.D., Associate Professor of International and Comparative Education, Department of International and Transcultural Studies, Teachers College, Columbia University, and Director of the International and Comparative Education Program and George Clement Bond Center for African Education

▶ **SUMMER RESEARCH INSTITUTE**

KARI STEEVES, Executive Director, Institutional Funding and Sponsored Research, Barnard College

▶ **REHABILITATION OF AIRWAY PROTECTION IN PEOPLE WITH MOVEMENT DISORDERS**

MICHELLE TROCHE, PH.D., Associate Professor of Communication Sciences and Disorders and Program Director, Department of Biobehavioral Sciences, Teachers College, Columbia University

▶ **DIGITAL FUTURES ACROSS THE LIFESPAN**

LALITHA VASUDEVAN, PH.D., Vice Dean for Digital Innovation, Managing Director of the Digital Futures Institute and Professor of Technology and Education, Department of Mathematics, Science and Technology, Teachers College, Columbia University

▶ **RESEARCH UPDATES FROM THE TC GLOBAL MENTAL HEALTH LAB**

HELEN (Lena) VERDELI, PH.D., Associate Professor of Psychology and Education, Department of Counseling and Clinical Psychology, Teachers College, Columbia University

▶ **EQUITY-ORIENTED EDUCATIONAL DATA SCIENCE**

RENZHE YU, PH.D., Assistant Professor of Learning Analytics/Educational Data Mining, Department of Human Development, Teachers College, Columbia University

▶ **UNDERSTANDING AND SUPPORTING THE WRITING DEVELOPMENT OF AUTISTIC INDIVIDUALS: OVERVIEW OF THE ZAJIC RESEARCH GROUP**

MATT ZAJIC, PH.D., Assistant Professor of Intellectual Disability/Autism, Department of Health and Behavior Studies, Teachers College, Columbia University

THANK YOU FROM THE ORGANIZERS

The TCUB Connect networking event organizers at Columbia University, Barnard College and Teachers College, Columbia University would like to thank the several offices and individuals across Columbia University who conceptualized and implemented this program:

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Janice Robinson

BRAND AND CREATIVE STUDIO
Ryan Huhn and Nikki Marenbach

For more information about research or for ideas about possible collaborators, please contact:

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