

Coalition to Diversify Computing
A Joint Committee of the ACM, CRA, and IEEE-CS
<http://www.cdc-computing.org>
Status Report: July 2015

Jamika D. Burge & Manuel A. Pérez-Quiñones (Co-Chairs)
Jeff Forbes and Charles Isbell, Co-Chair Elect

The Coalition to Diversify Computing (CDC) is a joint organization of the ACM, CRA and IEEE-CS. Within the last six months, IEEE-CS informed us that they are no longer interested in partnering with ACM and CRA to sponsor our joint committee. The biggest challenge we face now is the reduction of our budget by 1/3 and the need to renew our joint agreement without one of its partners.

The following report represents an update on the activities and accomplishments for the Coalition to Diversify Computing for the period stated above.

Leadership Team

Dr. Burge and Dr. Pérez-Quiñones continue to be co-chairs of CDC. They will serve until July 2015. Dr. Jeff Forbes has agreed to be co-chair and Dr. Charles Isbell accepted the invitation to also serve as co-chair in an advisory capacity. We are excited to welcome them aboard. Dr. Burge and Dr. Pérez-Quiñones will continue to serve on the executive committee as advisors, as necessary.

The new leadership team (as of July 2015) will be:

Jeff R.N. Forbes (Co-Chair)
Charles Isbell (Co-Chair)
Jamika D. Burge (Past-Chair)
Manuel A. Pérez-Quiñones (Past-Chair)

Existing Projects

The list below includes all of the projects that CDC manages, some of them in collaboration with CRA-W. Most of these projects are in the middle of their cycle, so we do not provide much of an update on most of them (nothing has changed since the last report). Beneath the name of the project is the name of the CDC members (*although they work with CRA-W co-chairs*) active with the project.

1. Richard Tapia Celebration of Diversity in Computing 2015 Conference
Charles Isbell (Conference Chair), Ron Metoyer (Technical Chair), CMD-IT (led by Valerie Taylor)

This year's Conference was February 18-21, 2015, in Boston, MA. The conference planning leadership was as follows:

Charles Isbell, Conference General Chair
Ronald Metoyer, Program Committee Chair
Tony Baylis, Birds of a Feather
Raul Viera-Mercado, Birds of a Feather
Tao Xie, Doctoral Consortium
Ronald Garcia, Doctoral Consortium
Dorian Arnold, Panels / Workshops
Jose Morales, Panels / Workshops
Yolanda Rankin, Posters
Jeremy Barksdale, Posters

Cristina Villalobos, Scholarships
Luis Melara, Scholarships
Renee Fall, Volunteer Committee
Rick Adrion, Volunteer Committee
Jamika Burge, CDC/CRA-W Mentoring Workshops

CDC has a ratified policy that charges a “repeatable” steering committee that administers the Tapia conference. The policy is available on CDC’s website. The Tapia Steering Committee consists of the following core members (including leadership for Tapia 2016):

- Co-Chair-Elect of CDC – Jeffrey R.N. Forbes
- Co-Chair-Elect of CDC – Charles Isbell
- Past Co-Chairs of CDC – Manuel A. Pérez-Quiñones and Jamika Burge
- ACM Representative: Elaine Weyuker
- 2016 Tapia General Conference Chair – Dilma da Silva
- 2016 Program Chair – Dorian Arnold
- Elected Member: David Patterson
- Permanent Member: Richard Tapia
- Permanent Member: Founder: Cynthia Lanius
- Permanent Member: Founder: Valerie Taylor
- Permanent Member: Founder: Bryant York

For 2016, the Tapia Conference will move to August to better accommodate travel. The conference will continue to convene yearly.

2. Academic Workshop for Underrepresented (Ethnic Minorities and People with Disabilities) Assistant & Associate Professors, and Senior Doctoral Students
Valerie Taylor, Bryant York

The first workshop of the year was held in Austin, TX, on April 30-May 2, 2015.

3. IEEE-CS Distinguished Visitor Program Liaison
Dilma da Silva
4. Student Conference Program
Quincy Brown

Over the last year, three students were supported to at national and international conferences. Support to these students was \$1K each, and students were required to apply to receive support.

5. CDC Research Initiatives/Special Projects
 - a. Di-PaSS (<https://www.di-pass.com/>). Project goal: To increase diversity in privacy and security research. Project leads are Drs. Tyrone Grandison and Raquel Hill. Project completed late 2014.
 - b. Data Buddies Visualization. Project goal: To develop visualization techniques for data collected on behalf of CERP (Center for Evaluating the Research Pipeline). Project lead is Dr. Ron Metoyer. Project will end Summer 2015.

6. The following programs are jointly managed with CRA-W. To reduce duplication, we ask that you reference details of these programs on the CRA-W Board report. The list below contains the CDC members that co-chair these programs.
 - a. CREU: Collaborative Research Experiences for Undergraduates (2015-16) *Jamika Burge, Verónica Vergara Larrea*
 - b. DREU: Distributed Research Experiences for Undergraduates (2015-16) *Nancy Amato, Monica Anderson*
 - c. DSW: Discipline-Specific Mentoring Workshops (2015-16) *Dilma da Silva, Russ Josephs*
 - d. CDC/CRAW Distinguished Lecture Series (2015-16) *Cheryl Seals*

7. CRA-W/CDC BPC Alliance – Our alliance with CRA-W continues supporting programs such as: Collaborative Research Experience for Undergraduates (CREU), Distributed Research Experience for Undergraduates (DREU), Discipline Specific mentoring Workshops (DSW), Distinguished Lecture Series (DLS), and Career Mentoring Workshops (CMW) at the Grace Hopper Celebration of Women in Computing and the Richard Tapia Celebration of Diversity in Computing.

Collaboration with other groups

CDC/CRA-W Alliance: By far the most fruitful collaboration that CDC has is with CRA-W. The two organizations run an NSF BPC Alliance that manages the following projects: Distinguished Lecture Series (DLS), Distributed Research Experiences for Undergraduates (DREU), Collaborative Research Experiences for Undergraduates (CREU), and the Discipline-Specific Workshops (DSW). The leadership team from CDC and the CRA-W co-chairs participate in regular monthly teleconferences to coordinate efforts and ensure the programs continue to run smoothly.

CMD-IT: A 501(c)(3) non-profit organization with the vision to contribute to the national need for an effective workforce in computing and IT through synergistic activities related to minorities and people with disabilities. The Executive Director is Valerie Taylor and the Chair of the Board of Directors is Bryant York. A CDC Co-chair participates in regular teleconferences.

NCWIT Leadership Team: The NCWIT has a leadership team group that is engaged in regular meeting activities. Pamela Williams is the CDC representative to the NCWIT team.

CRA: The CDC is regularly engaged with the CRA and has attended the CRA Board meetings for the last two years. Members of the CDC Leadership team attended the CRA Snowbird meeting in July 2014. Jeff Forbes will continue to represent the CDC at the next CRA Board in July 2015.

ACM: The CDC seeks to increase its activity and visibility with the ACM. A goal in the coming year is to attend an ACM board meeting and present an overview of CDC programs, activities, and impact.

CAHSI: The CDC continues to collaborate with and support CAHSI, the Computing Alliance of Hispanic-Servicing Institutions, expressing support for this year's summit in Puerto Rico (September 10-12, 2015).

CERP: The CDC works closely with the Center for Evaluating the Research Pipeline, which analyzes the Alliance data gathered for the CREU and DREU programs. The opportunity through this collaboration is

to better understand (and support) the CREU and DREU participants. Jamika Burge also serves on the advisory board for the CERP project that is investigating first-generation, minority college students in computing.

NACME: In 2014, the CDC began exploring a partnership with NACME, the National Action Council for Minorities in Engineering. In November 2014, CDC Co-Chair Jamika Burge was invited to participate on a Broadening Participation in CS panel (along with Jan Cuny of NSF). NACME leadership will also be attending the Tapia Conference in Boston, and NACME and the CDC are partnering on inclusion initiatives in computing.

Others: CDC members have served in leadership and planning activities at both Grace Hopper and Tapia Conferences, as well as participated in NSF's CE21 / BP Alliance Meetings in Portland, OR (February 2013), Orlando, FL (January 2014), and in Baltimore, MD (January 2015).

CDC Meetings

The CDC will hold its annual in-person meeting in conjunction with the Tapia 2015 Conference, in Boston, MA, on Friday February 20, 2015. We continue to hold monthly phone calls with the CDC leadership. We also hold monthly calls for the CRA-W/CDC alliance, which has helped us to work more closely together in co-managing the CREU/DREU, DLS, and DSW programs.

Plans for the new year

The plans for next year can be summarized as follows:

1. Planning for Tapia 2016 has begun. The conference will convene in the Fall of 2016, in Austin TX.
2. Continue to work with CRA-W Co-Chairs, CRA (Erik Russell), CERP (Jane Stout), and ACM (Elaine Weyuker).
3. Continue to strengthen our connection with other Alliances and other groups. The CDC is supporting the inaugural RESPECT Conference, which will convene in Charlotte, NC, August 13-14, 2015. respect2015.stcbp.org
Several CDC members have also served as members of the Program Committee. Additionally, Jamika Burge continues to serve as a member of the Program Committee of the Grace Hopper Celebration of Women in Computing. GHC 2015 will convene in Houston, TX. www.gracehopper.org
4. The CDC and NACME are collaborating on efforts to broaden inclusion in computing, as part of NACME's *Go West* Initiative, an effort that will expose minority students to opportunities in computing, particularly in Silicon Valley. www.nacme.org
5. The CDC is excited to welcome Jeff Forbes and Charles Isbell to the Co-Chair positions. Jeff brings a wealth of experience and knowledge to the role, including his experience as an NSF Program Director in CISE Directorate and his current role as Associate Professor of Practice at Duke University. Charles is Professor and Senior Associate Dean at the Georgia Institute of Technology, and a long-time supporter of the CDC.